



Beghelli

Beghelli-Elplast, a.s.

Pořící 3a, 603 16 Brno, Czech Republic, tel.: +420 531 014 240, fax: +420 531 014 223, e-mail: export@beghelli.cz










www.beghelli.cz

Beghelli

English

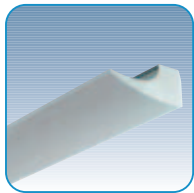
GENERAL CATALOG

English

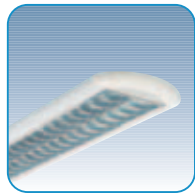
List of products		3
Ceiling and suspended luminaires		7
Recessed luminaires		55
Wall and stand luminaires		83
Decorative luminaires		93
Downlights		113
Industrial luminaires		139
Floodlights		157
Street luminaires		165
Emergency luminaires		173
Technical section		189

LIST OF PRODUCTS

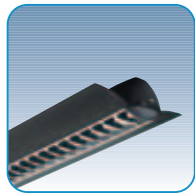
Ceiling and suspended luminaires



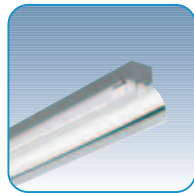
Tilia 02-01 9



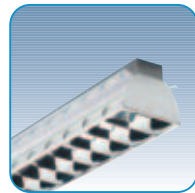
Orion 03-01 11



Mira 04-01 14



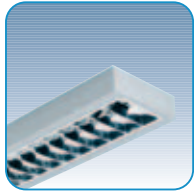
Sirius 05-00 16



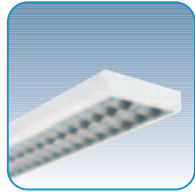
Sirius 05-01 17



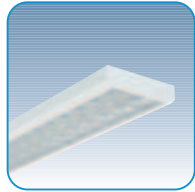
Cubus 07-01 19



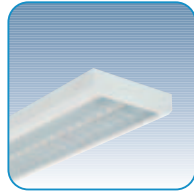
Canes 09-01 22



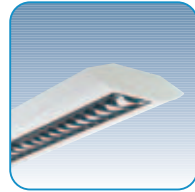
Gemma 11-01 24



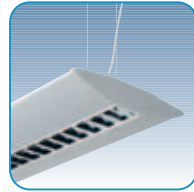
Gemini 12-01 29



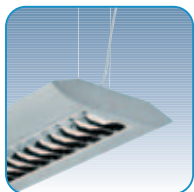
Pavo 13-01 33



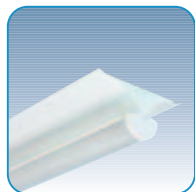
Avior 15-01 37



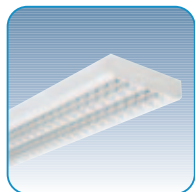
Avior 15-04 40



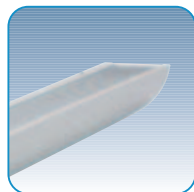
Avior 15-05 41



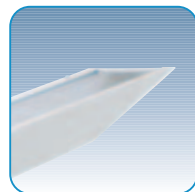
Dione 16-01 42



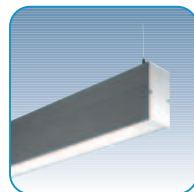
Taurus 17-01 43



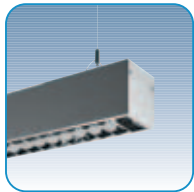
Vela 18-01 44



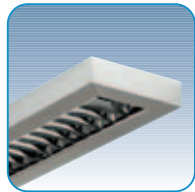
Vela 18-03 45



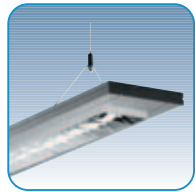
Diago 73-01 46



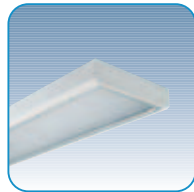
Diago 73-05 49



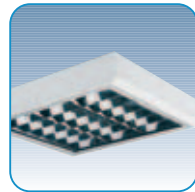
Carina 74-01 50



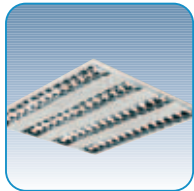
Cetus 75-01 51



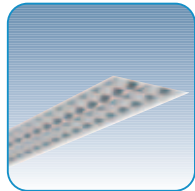
Arietis 36-06 52



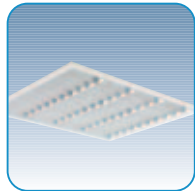
Arietis 36-07 53



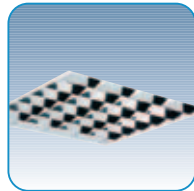
Lyra 29-02 57



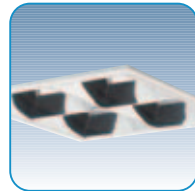
Virgo 30-02 58



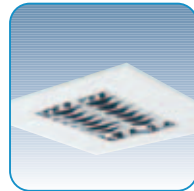
Virgo 30-03 59



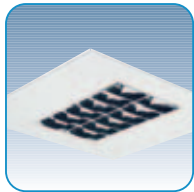
Virgo 30-05 60



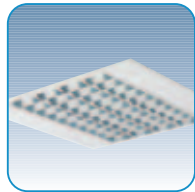
Stella 31-02 61



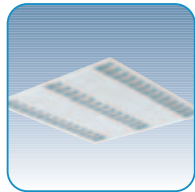
Stella 31-04 62



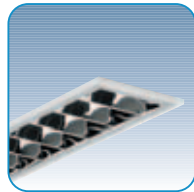
Stella 31-06 63



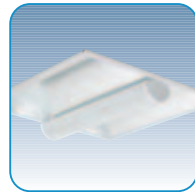
Lyra 32-02 64



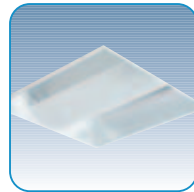
Lyra 32-06 66



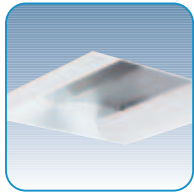
Lyra 32-T23 67



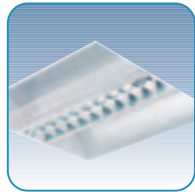
Carella 34-00 68



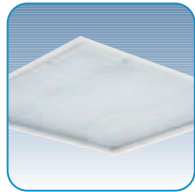
Carella 34-02 69



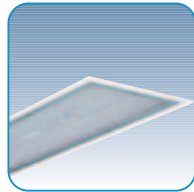
Carella 34-03 70



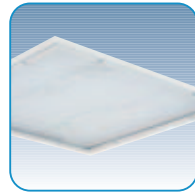
Carella 34-06 71



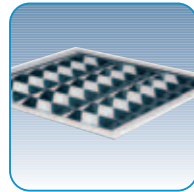
Aries 35-02 72



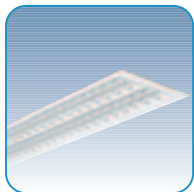
Aries 35-03 73



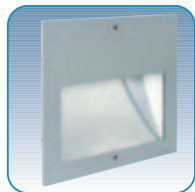
Arietis 36-02 74



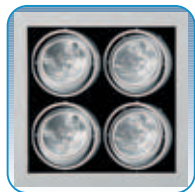
Arietis 36-04 76



Taurus 17-03 78



Toscano 37-01 79



Antares 61-01 80



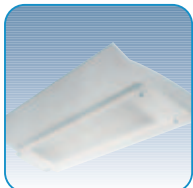
Antares 61-04 81

Recessed luminaires

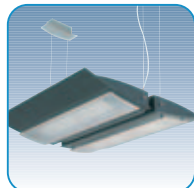
LIST OF PRODUCTS

Beghelli

Wall and stand l.



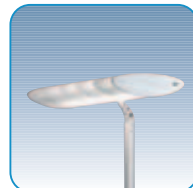
Scarab 19-01 85



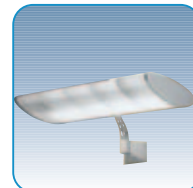
Scarab 19-03 86



Cabrio 62-01 87



Artemis 64-01 88



Artemis 64-02 89



Antilia 24-01 91

Decorative luminaires



Luna 06-01 95



Luna 06-08 96



Castelo 66-01 97



Castelo 66-02 98



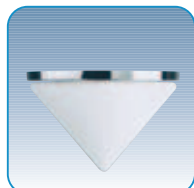
Castelo 66-03 99



Castelo 66-04 100



Castelo 66-05 101



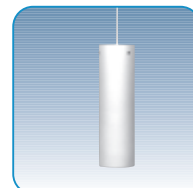
Castelo 66-06 102



Castelo 66-07 103



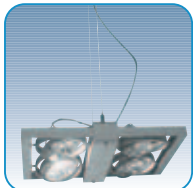
Castelo 66-08 104



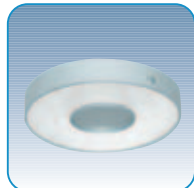
Castelo 66-09 105



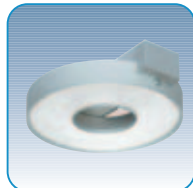
Olymp 68-01 106



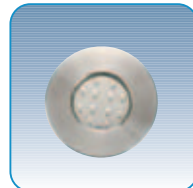
Olymp 68-02 107



Rondo 79-01 108

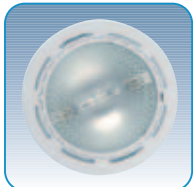


Rondo 79-04 109



Lupus 80-01 111

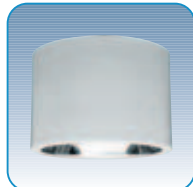
Downlights



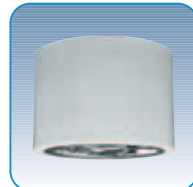
Crater 33-44 115



Crater 33-49 116



Crater 33-61 118



Crater 33-65 119



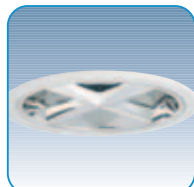
Crater 33-68 121



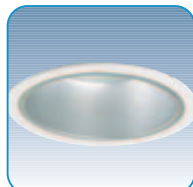
Crater 33-72 122



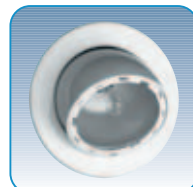
Crater 33-80 123



Crater 33-81 124



Crater 33-83 125



Crater 33-84 126



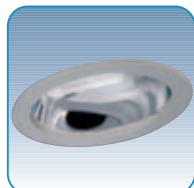
Crater 33-86 127



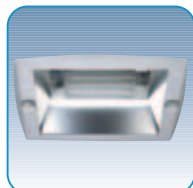
Crater 33-97 128



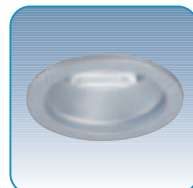
Crater 33-99 129



Atos 63-01 131



Atos 63-03 133



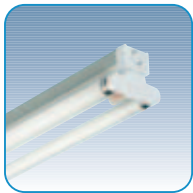
Atos 63-11 134



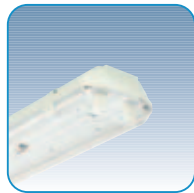
Atos 63-19 138

LIST OF PRODUCTS

Industrial luminaires



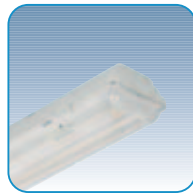
Indus 14-05 141



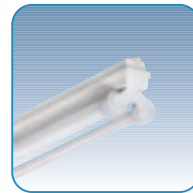
Leader 21-01 142



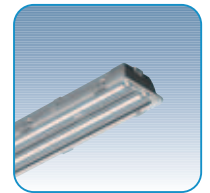
Leader 21-02 143



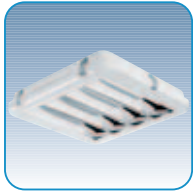
Leader 21-08 145



Tores 23-01 146



Castor 25-05 147



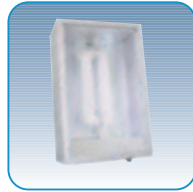
Lumino 26-91 148



Leo 40-01 149



Aterix 43-05 150



Aterix 43-09 151



Leone 45-00 152



Leone 45-01 153



Leone 45-02 154



Leone 45-07 155

Floodlights



Atlas 42-00 159



Atlas 42-07 160



Atlas 42-09 161



Axis 47-01 162



Axis 47-03 163

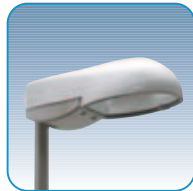
Street luminaires



Tereza 50-01 167



Crab 51-04 169

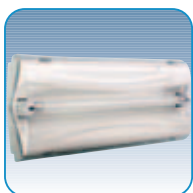


Crab 51-05 170

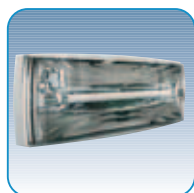


Crab 51-06 171

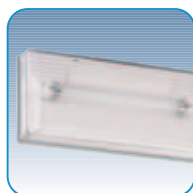
Emergency luminaires



Aestetica 175



Logica 176



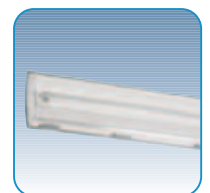
Pratica Tuttovetro 177



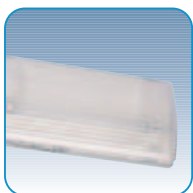
Pratica Bandiera 178



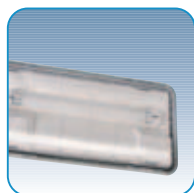
Tuttovetro Bandiera 179



Ticinque 180



Leggera IP40 181



Leggera IP65 182



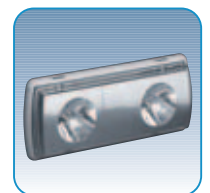
Plexilite 183



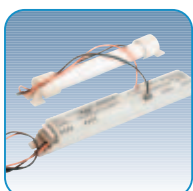
Exit lite 184



Kubus 185



Lungaluce 186



Inverter Compact 187



Inverter Aestetica 187



Ceiling and suspended luminaires



Wall and suspended luminaires – indirect

Material

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- reflector: highly polished aluminium reflector
- diffuser: clear PMMA

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: on wall brackets or on tube pendants

- **02-01** separately (the endings are supplied with luminaire)
- **02-02** fit to in-line coupling

Accessories: (must be ordered separately)

- endings:
 - 99-135 ending and holder of pendant (02-02)
- prismatic cover:
 - 14W - 99-275, 28W - 99-276, 35W - 99-277

Brackets:

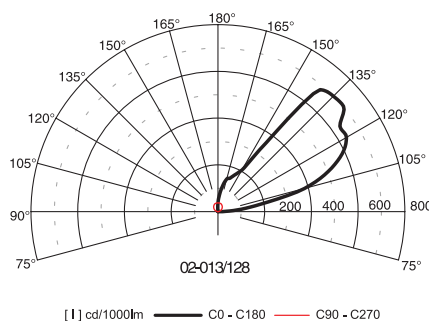
W	length (mm)	wall bracket	back cover
14	600	99-551	99-554
28	1200	99-552	99-555
35	1500	99-553	99-556

Tube pendants:

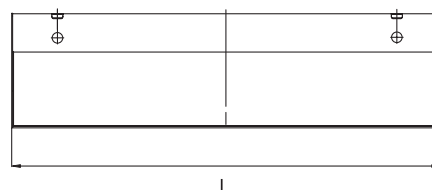
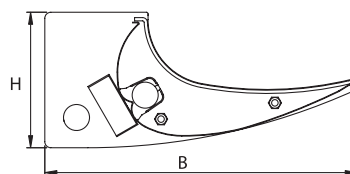
length (mm)	without a cable	with a cable 3x1,5 mm ²	with a cable 5x1,5 mm ²
400	99-047/040	99-048/040	99-049/040
600	99-047/060	99-048/060	99-049/060

Application:

decorative illumination of offices, restaurants, hotels

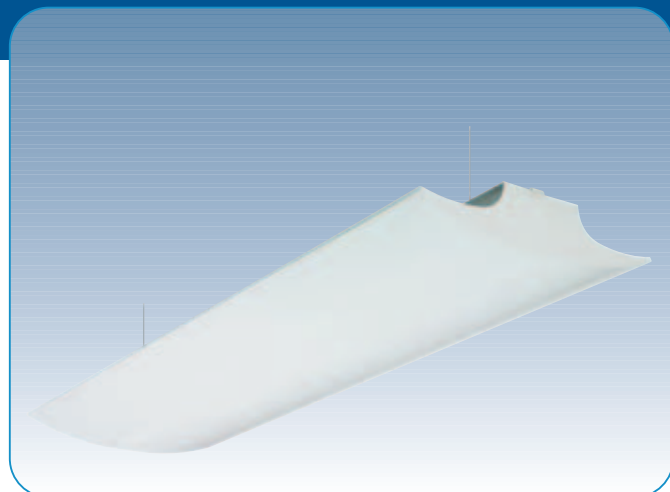


Detail of the luminaire with prismatic cover



Code	Power	Lamp	Cap	LxBxH (mm)	kg
02-013/114/C	1x14W	T5 lamp	G5	573x193x85	3,1
02-013/128/C	1x28W	T5 lamp	G5	1173x193x85	3,6
02-013/135/C	1x35W	T5 lamp	G5	1473x193x85	3,8
02-023/114/C	1x14W	T5 lamp	G5	573x193x85	3,1
02-023/128/C	1x28W	T5 lamp	G5	1173x193x85	3,6
02-023/135/C	1x35W	T5 lamp	G5	1473x193x85	3,8

If requested the luminaires can be supplied with 24W, 49W, 54W, 80W T5 lamps.



Suspended luminaires – indirect

Material

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- reflector: highly polished aluminium reflector
- diffuser: clear PMMA

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: on wire or tube pendants

- 02-03 separately (the endings are supplied with luminaire)
- 02-04 fit to in-line coupling

Accessories: (must be ordered separately)

- endings: 99-136 ending and holder of pendant - one piece (02-04)
- prismatic cover (1 pc): 14W - 99-275, 28W - 99-276, 35W - 99-277. Two pieces for luminaire needed.

Wire pendants:

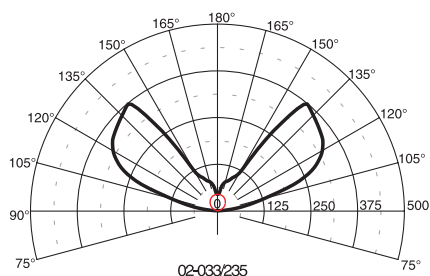
length (mm)	without a cable	with a cable 3x1,5 mm ²	with a cable 5x1,5 mm ²
600	99-077/060	99-078/060	99-079/060

Tube pendants:

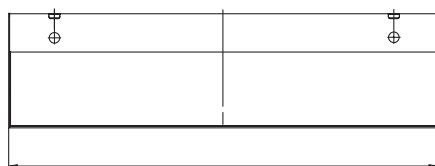
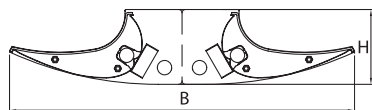
length (mm)	without a cable	with a cable 3x1,5 mm ²	with a cable 5x1,5 mm ²
400	99-047/040	99-048/040	99-049/040
600	99-047/060	99-048/060	99-049/060

Application:

decorative illumination of offices, restaurants, hotels



[1] cd/1000lm — C0 - C180 — C90 - C270



Detail of the luminaire with prismatic cover



Code	Power	Lamp	Cap	LxBxH (mm)	kg
02-033/214/C	2x14W	T5 lamp	G5	573x385x85	6,8
02-033/228/C	2x28W	T5 lamp	G5	1173x385x85	7,2
02-033/235/C	2x35W	T5 lamp	G5	1473x385x58	7,6
02-043/214/C	2x14W	T5 lamp	G5	573x385x85	6,8
02-043/228/C	2x28W	T5 lamp	G5	1173x385x85	7,2
02-043/235/C	2x35W	T5 lamp	G5	1473x385x58	7,6

If requested, the luminaires can be supplied with 24W, 49W, 54W, 80W T5 lamps.

Ceiling and suspended luminaires

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- louvre: highly polished or matted louvre made of pure aluminium (luminaires with T5 lamps have the louvre made of MIRO aluminium), polished or matted Christmas tree louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request, the luminaires are offered also in emergency version

Mounting: separate mounting on a ceiling or on wire pendants

Accessories: (must be ordered separately)

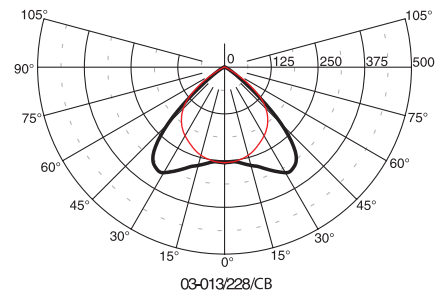
99-087/120- wire pendant without power cable (120 cm)

99-088/120- wire pendant with 3x1,5 mm² power cable (120 cm)

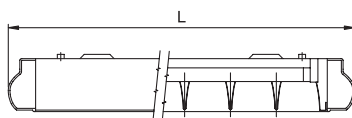
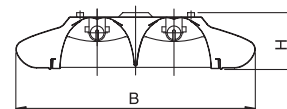
99-089/120- wire pendant with 5x1,5 mm² power cable (120 cm)

Application:

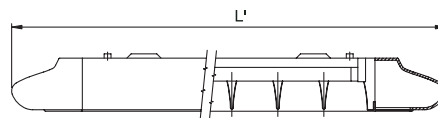
reception desk, corridors, shops, restaurants, offices, computer labs



[1] cd/1000lm — C0 - C180 — C90 - C270



L - length with flat endings



L' - length with rounded endings

Code	Power	Louvre	Lamp	Cap	L/L'xBxH (mm)	kg
03-013/218/1234	2x18W	B, C, D, J	T8 lamp	G13	704/794x280x66	4,5
03-013/236/1234	2x36W	B, C, D, J	T8 lamp	G13	1314/1404x280x66	8,4
03-013/258/1234	2x58W	B, C, D, J	T8 lamp	G13	1614/1704x280x66	10,3
03-013/214/C234	2x14W	B, C	T5 lamp	G5	664/754x280x66	4,3
03-013/228/C234	2x28W	B, C	T5 lamp	G5	1268/1358x280x66	8,0
03-013/235/C234	2x35W	B, C	T5 lamp	G5	1564/1654x280x66	10,0

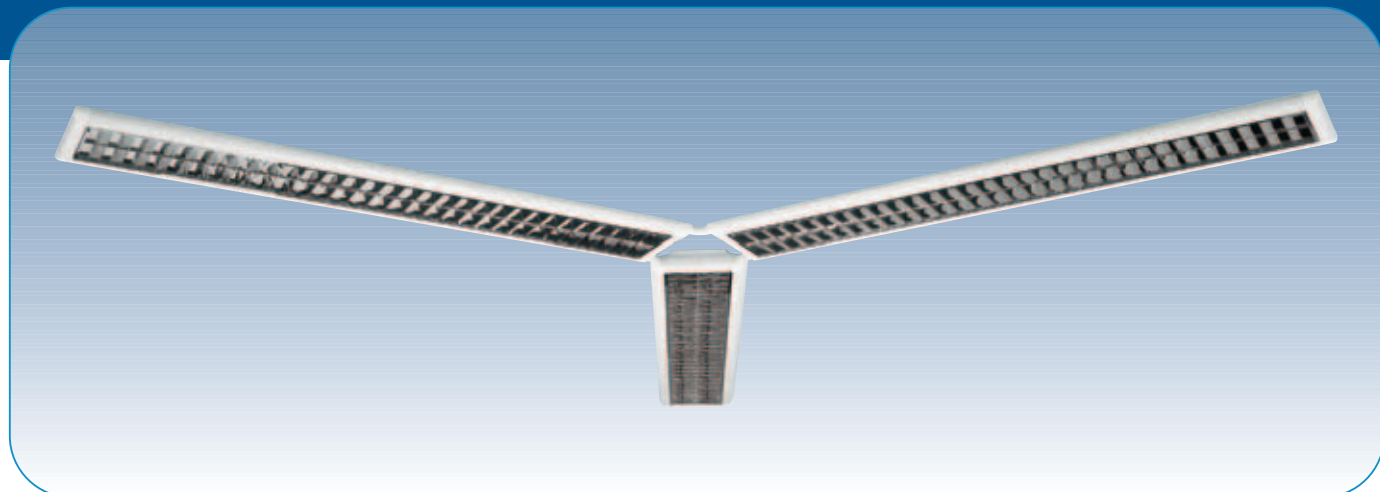
If requested, luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered

1 - E (low loss ballast - parallel compensation)
- C (electronic ballast)

2 - B (highly polished parabolic louvre 60°)
- C (matted parabolic louvre 60°)
- D (polished christmas tree louvre -for T8 lamps only)
- J (matted christmas tree louvre)

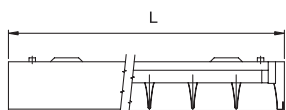
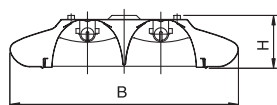
3 - - (standard louvre)

- L (BL, DL) economic variant -lower quantity of lamellae
4 - 1 (flat endings) - 2 (round endings)

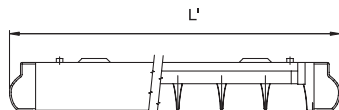


Accessories: (must be ordered separately)

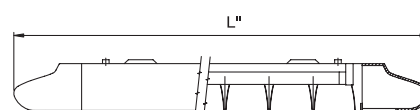
- flat endings 99-130
 - round endings 99-131
 - pendants
- 99-087/120 (120 cm) without a power supply cable
 99-088/120 (120 cm) with a power supply cable 3x1,5mm²
 99-089/120 (120 cm) with a power supply cable 5x1,5 mm²



L - length without ending



L' - length with flat endings



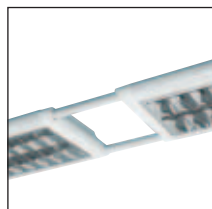
L'' - length with rounded endings

Code	Power	Louvre	Lamp	Cap	L	L'	L''	B	H	kg
03-023/218/112	2x18W	B, C, D, J	T8 lamp	G13	630	704	794	280	66	4,3
03-023/236/112	2x36W	B, C, D, J	T8 lamp	G13	1240	1314	1404	280	66	8,1
03-023/258/112	2x58W	B, C, D, J	T8 lamp	G13	1540	1614	1704	280	66	10,1
03-023/214/C2	2x14W	B, C	T5 lamp	G5	590	664	754	280	66	4,2
03-023/228/C2	2x28W	B, C	T5 lamp	G5	1194	1268	1358	280	66	7,9
03-023/235/C2	2x35W	B, C	T5 lamp	G5	1490	1564	1654	280	66	9,9

If requested, luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered

- 1 - E (low loss ballast) - C (electronic ballast)
- 2 - B (highly polished parabolic louvre, 60°)
 - C (matted parabolic louvre, 60°)
 - D (polished Christmas tree louvre - for T8 lamp)
 - J (matted Christmas tree louvre - for T8 lamp)

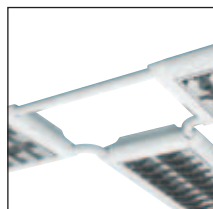
Couplings of serie 03-02, 03-03



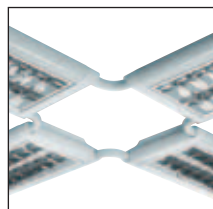
99-490



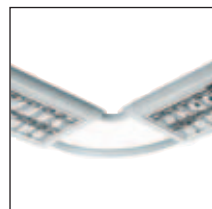
99-491



99-492

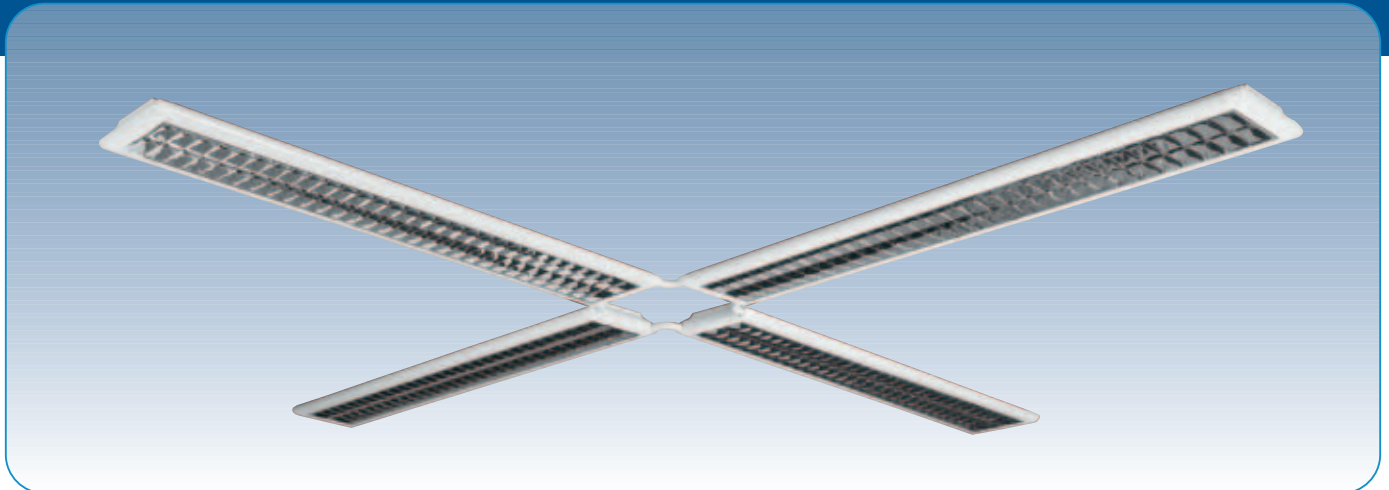


99-493



99-494

Suspended lighting systems – direct/indirect



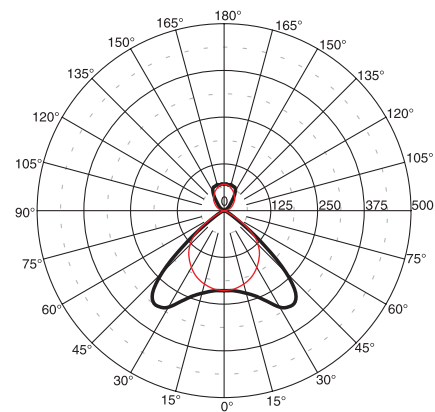
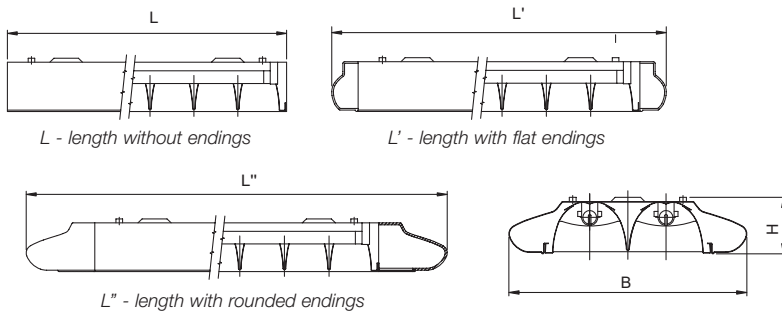
Accessories: (must be ordered separately)

- flat ending 99-130
- round ending 99-131
- pendants

99-087/120 (120 cm) without a power supply cable

99-088/120 (120 cm) with a power supply cable 3x1,5 mm²

99-089/120 (120 cm) with a power supply cable 5x1,5 mm²



03-033/228/CB
[1] cd/1000lm — C0 - C180 — C90 - C270

Code	Power	Louvre	Lamp	Cap	L	L'	L''	B	H	kg
03-033/218/12	2x18W	B, C, D, J	T8 lamp	G13	630	704	794	280	66	4,3
03-033/236/12	2x36W	B, C, D, J	T8 lamp	G13	1240	1314	1404	280	66	8,1
03-033/258/12	2x58W	B, C, D, J	T8 lamp	G13	1540	1614	1704	280	66	10,1
03-033/214/C2	2x14W	B, C	T5 lamp	G5	590	664	754	280	66	4,2
03-033/228/C2	2x28W	B, C	T5 lamp	G5	1194	1268	1358	280	66	7,9
03-033/235/C2	2x35W	B, C	T5 lamp	G5	1490	1564	1654	280	66	9,9

If requested, luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered

1 - E (low loss ballast) - C (electronic ballast)

2 - B (highly polished parabolic louvre, 60°)

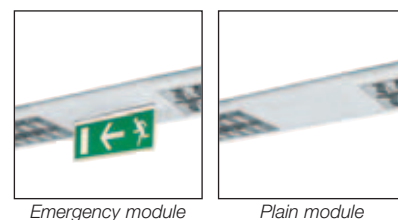
- C (matted parabolic louvre, 60°)

- D (polished Christmas tree louvre - for T8 lamp)

- J (matted Christmas tree louvre - for T8 lamp)

Interconnecting modules of serie 03-02, 03-03

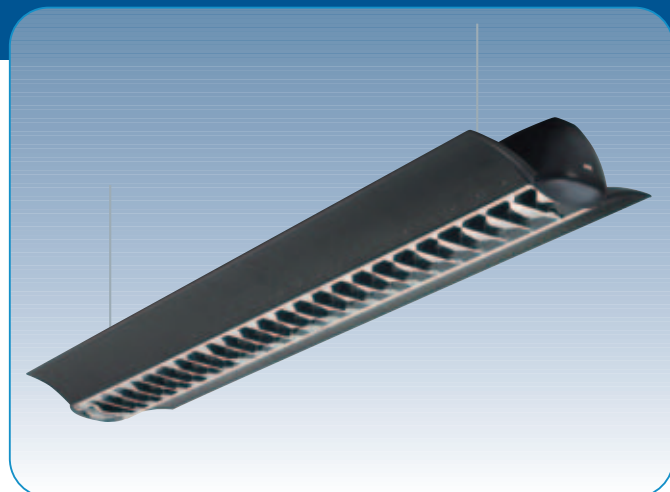
Code	Description	LxBxH	kg
03-000/218	Plain module	630x280x66	3,3
03-000/236	Plain module	1240x280x66	6,9
03-000/258	Plain module	1540x280x66	8,9
03-100/218	Sign module	630x280x66	3,3
03-003/218	Luminous sign module	630x280x66	3,3
03-103/218	Lumin. emerg. mod. with an inverter	630x280x66	3,5



Emergency module

Plain module

If requested, plain modules with emergency version



Suspended luminaires with fluorescent lamps

Material:

- body: a steel sheet finished by powder technology varnishing
- color: dark gray RAL 7016, gray RAL 9007
- louvre: highly polished or matted parabolic louvre made of a MIRO pure aluminium sheet
- covers: - opaline
- perforated

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear:

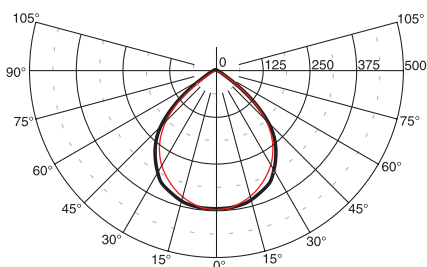
low loss ballast and electronic ballast, with lamps over 28W dimmable ballast on request

Mounting:

wire pendant (120cm) is a component of the luminaire

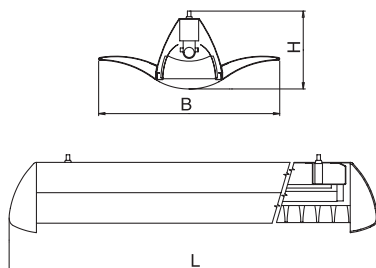
Application:

reception desks, corridors, shops and boutiques, restaurants, counters, computer labs, representative office, public areas



04-013/136/CB

[1] cd/1000lm — C0 - C180 — C90 - C270

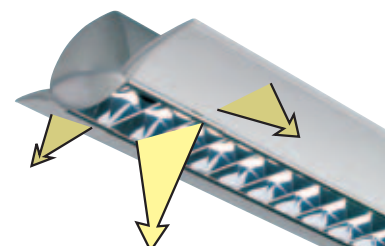


Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
04-013/118/[1][2]--[5]	1x18W	B, C, P, Z	T8 lamp	G13	724x287x123	4,0
04-013/136/[1][2]--[5]	1x36W	B, C, P, Z	T8 lamp	G13	1334x287x123	7,5
04-013/158/[1][2]--[5]	1x58W	B, C, P, Z	T8 lamp	G13	1634x287x123	9,1
04-013/114/C[2]--[5]	1x14W	B, C, P, Z	T5 lamp	G5	684x287x123	3,8
04-013/128/C[2]--[5]	1x28W	B, C, P, Z	T5 lamp	G5	1288x287x123	7,2
04-013/135/C[2]--[5]	1x35W	B, C, P, Z	T5 lamp	G5	1584x287x123	8,9

If requested luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered.

- [1] - E (low loss ballast) - C (electronic ballast)
- [2] - B (highly polished parabolic louvre, 60°)
- C (matted parabolic louvre, 60°)
- P (perforated cover)
- Z (opaline cover)

[5] - color: 1 - RAL 7016 / 2 - RAL 9007



Suspended luminaires with fluorescent lamps

Material:

- body: a steel sheet finished by powder technology varnishing
- color: dark gray RAL 7016, structured metallic gray
- louvre: highly polished or matted parabolic louvre made of a MIRO pure aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear:

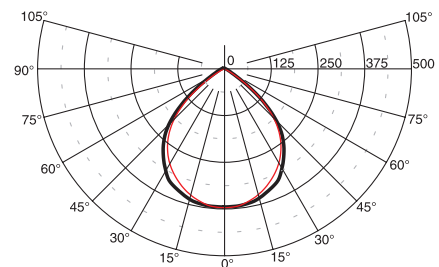
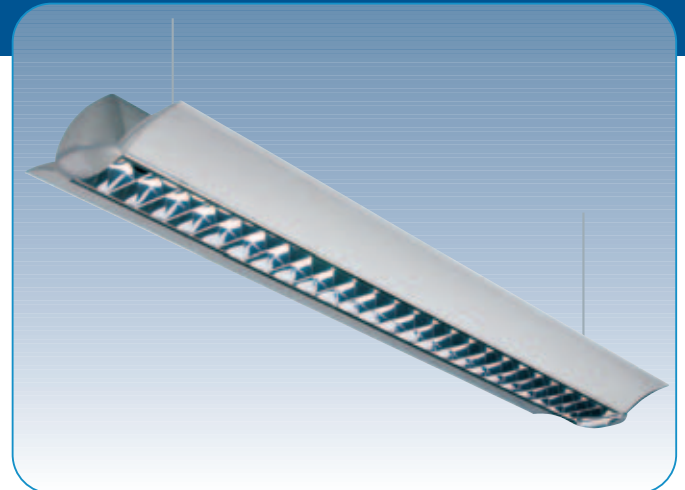
electronic ballast, dimmable ballast on request

Mounting:

wire pendant (120cm) is a component of the luminaire

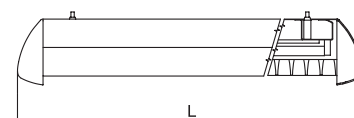
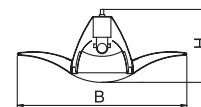
Application:

reception desks, corridors, shops and boutiques, restaurants, counters, computer labs, representative office, public areas



04-023/135/CB

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
04-023/128/C ^[2] -- ^[3]	1x28W	B, C	T5 lamp	G5	1288x287x123	7,2
04-023/135/C ^[2] -- ^[3]	1x35W	B, C	T5 lamp	G5	1584x287x123	8,9

If requested luminaires with T5 lamps (49W, 54W, 80W) can be specially ordered.

- ^[2] - B (highly polished parabolic louvre)
 - C (matted parabolic louvre)

- ^[3] - color: 1 - RAL 7016 / 5 - structured metallic gray

Ceiling and suspended luminaires with fluorescent lamps - separate



Material:

- body: steel sheet finished by powder technology varnishing
- color: metallic gray RAL 9006
- reflector: white steel reflector, aluminium polished and faceted reflector, narrowbeam

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear:

low loss ballast and electronic ballast, dimmable ballast on request, the luminaires are offered also in emergency version

Mounting:

on a ceiling or on wire pendants

Accessories: (must be ordered separately)

- wire pendants 99-096/120 – a set
- reflectors

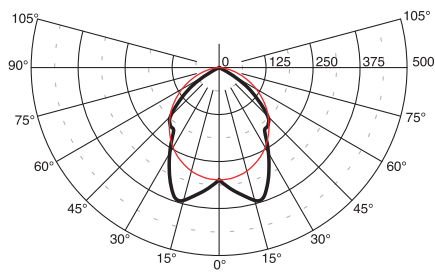
Available reflectors

(for one and two lamp luminaires)

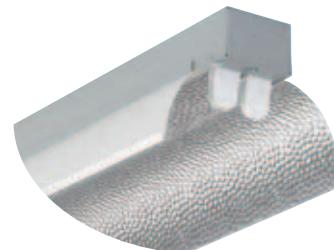
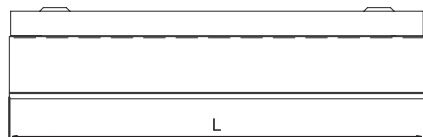
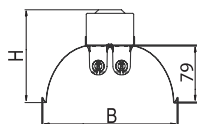
Luminaire	white steel	polished Al	faceted Al
28W	99-264/28	99-265/28	99-267/28
35W	99-264/35	99-265/35	99-267/35
36W	99-264/36	99-265/36	99-267/36
58W	99-264/58	99-265/58	99-267/58

Application:

halls, warehouses, shopping areas



[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
05-003/136/□	1x36W	T8 lamp	G13	1265x188x124	3,3
05-003/158/□	1x58W	T8 lamp	G13	1565x188x124	4,3
05-003/236/□	2x36W	T8 lamp	G13	1265x188x124	3,8
05-003/258/□	2x58W	T8 lamp	G13	1565x188x124	4,8
05-003/128/C	1x28W	T5 lamp	G5	1215x188x124	3,3
05-003/135/C	1x35W	T5 lamp	G5	1515x188x124	4,2
05-003/228/C	2x28W	T5 lamp	G5	1215x188x124	3,8
05-003/235/C	2x35W	T5 lamp	G5	1515x188x124	4,7

If requested, luminaires with T5 lamps (49W, 54W, 80W) can be specially ordered.

- - E - (low loss ballast - parallel compensation)
- C - (electronic ballast)

Ceiling and suspended luminaires with fluorescent lamps

Material:

- body: a steel sheet finished by powder technology varnishing
- color: metallic gray RAL 9006
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast and electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting:

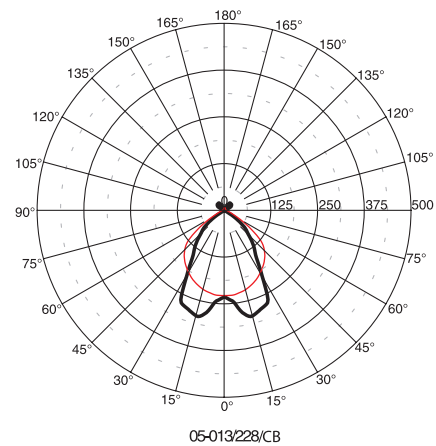
mounting on a ceiling or on wire pendants

Accessories: (must be ordered separately)

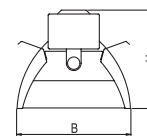
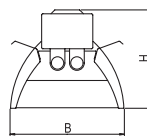
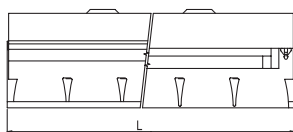
wire pendants 99-096/120 - a set

Application:

reception desks, corridors, shops and boutiques, restaurants, counters, computer labs, representative office, public areas



[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
05-013/136/12	1x36W	B, C	T8 lamp	G13	1265x147x127	3,3
05-013/158/12	1x58W	B, C	T8 lamp	G13	1565x147x127	4,3
05-013/236/12	2x36W	B, C	T8 lamp	G13	1265x147x127	3,8
05-013/258/12	2x58W	B, C	T8 lamp	G13	1565x147x127	4,8
05-013/128/C2	1x28W	B, C	T5 lamp	G5	1215x147x127	3,3
05-013/135/C2	1x35W	B, C	T5 lamp	G5	1515x147x127	4,2
05-013/228/C2	2x28W	B, C	T5 lamp	G5	1215x147x127	3,8
05-013/235/C2	2x35W	B, C	T5 lamp	G5	1515x147x127	4,7

If requested, luminaires with T5 lamps (49W, 54W, 80W) can be specially ordered.

1 - E (low loss ballast) - C (electronic ballast)

2 - B (highly polished parabolic louvre, 60°) - C (matted parabolic louvre, 60°)

Ceiling and suspended luminaires with fluorescent lamps - direct/indirect



Material:

- body: a steel sheet finished by powder technology varnishing
- color: metallic gray RAL 9006
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear:

electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting:

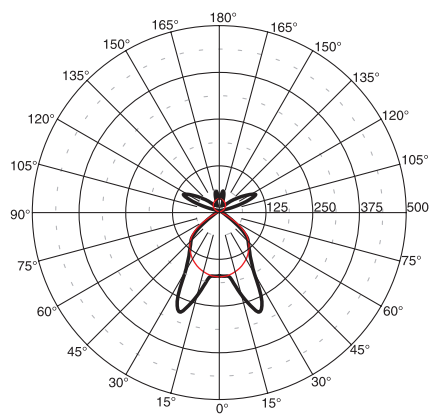
mounting on a ceiling or on wire pendants

Accessories:

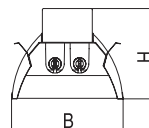
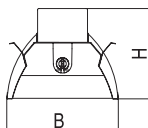
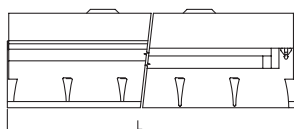
(must be ordered separately)
wire pendants 99-096/120 - a set

Application:

reception desks, corridors, shops and boutiques, restaurants, counters, computer labs, representative office, public areas



[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
05-033/128/C ²	1x28W	B, C	T5 lamp	G5	1215x147x127	3,3
05-033/135/C ²	1x35W	B, C	T5 lamp	G5	1515x147x127	4,2
05-033/228/C ²	2x28W	B, C	T5 lamp	G5	1215x147x127	3,8
05-033/235/C ²	2x35W	B, C	T5 lamp	G5	1515x147x127	4,7

If requested, luminaires with T5 lamps (49W, 54W, 80W) can be specially ordered.

² - B (highly polished parabolic louvre)

- C (matted parabolic louvre)

Modular suspended system

Material:

- body: a steel sheet finishing by powder technology varnishing
- color: metallic gray RAL 9006
- louvre: highly polished parabolic louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: suspended mounting

Application:

office, banks, shops

Empty module:

empty module without lamp and ballast

Ballast module:

include ballast, serves for feeding of the direct lamp module (07-02)

Accessories: (must be ordered separately)

All accessories are in black color RAL 7016.

99-140 ending cup

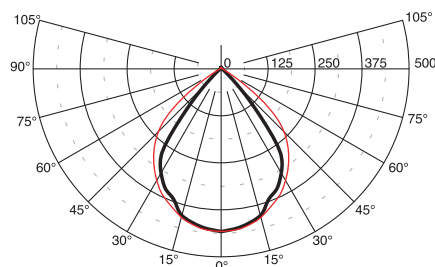
99-141 coupler

Tube pendants 600mm:

99-058/060/1 without power supply cable

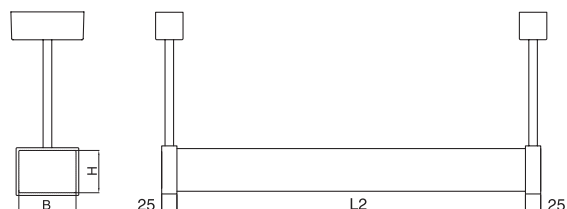
99-059/060/1 with power s.cable 3x1,5mm²

99-060/060/1 with power s.cable 5x1,5mm²



07-023/128/C

[1] cd/1000lm — C0 - C180 — C90 - C270

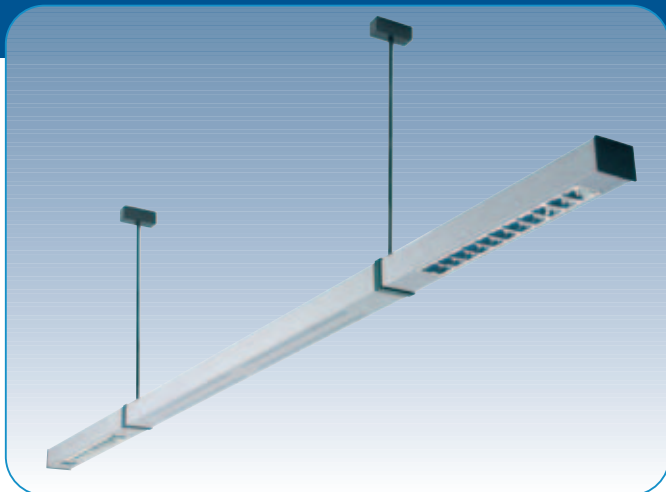


Empty modules:

Code	L2xBxH (mm)	kg
07-000/060/3	650x94x70	1,2
07-000/120/3	1200x94x70	2,1

Ballast modules:

Code	Ballast	L2xBxH (mm)	kg
07-013/128/C---3	1x28W	650x94x70	2,4
07-013/135/C---3	1x35W	650x94x70	2,4
07-013/154/C---3	1x54W	650x94x70	2,4
07-013/180/C---3	1x80W	650x94x70	2,4
07-014/136/C---3	1x36W	650x94x70	2,4
07-014/155/C---3	1x55W	650x94x70	2,4
07-014/180/C---3	1x80W	650x94x70	2,4
07-013/228/C---3	2x28W	650x94x70	2,4
07-013/235/C---3	2x35W	650x94x70	2,4
07-013/254/C---3	2x54W	650x94x70	2,4
07-013/280/C---3	2x80W	650x94x70	2,4
07-014/236/C---3	2x36W	650x94x70	2,4
07-014/255/C---3	2x55W	650x94x70	2,4
07-014/280/C---3	2x80W	650x94x70	2,4



Modular suspended system

Material:

- body: a steel sheet finishing by powder technology varnishing
- color: metallic gray RAL 9006
- louvre: highly polished parabolic louvre
- diffuser: plastic (07-03)

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: suspended mounting

Application:

office, banks, shops

Lamp module – direct:

is equipped by a louvre and lamp, is fed by a ballast module

Lamp module – indirect:

plastic diffuser (indirect side), included lamp and ballast, A-D modules serve for a feeding of the direct lamp module

Accessories: (must be ordered separately)

All accessories are in black color RAL 7016.

99-140 ending cup

99-141 coupler

99-703 ending coupler for 07-00, 07-01, 07-03

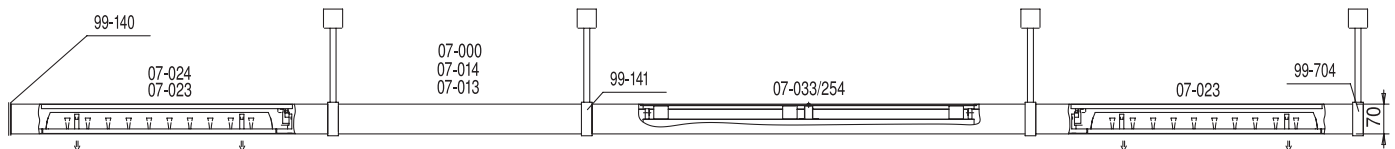
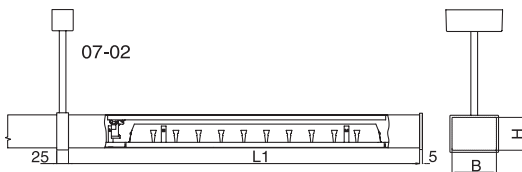
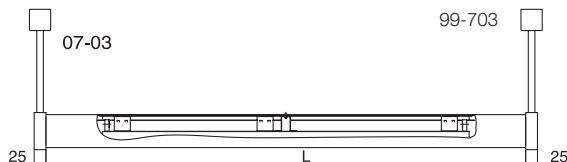
99-704 ending coupler for 07-02

Tube pendants 600mm:

99-058/060/1 without power supply cable

99-059/060/1 with power s.cable 3x1,5mm²

99-060/060/1 with power s.cable 5x1,5mm²



Lamp modules - direct:

Code	Power	Lamp	Cap	L1xBxH (mm)	kg
07-023/128/C---3	1x28W	T5 lamp	G5	1380x94x70	3,9
07-023/135/C---3	1x35W	T5 lamp	G5	1680x94x70	4,6
07-023/154/C---3	1x54W	T5 lamp	G5	1380x94x70	3,9
07-023/180/C---3	1x80W	T5 lamp	G5	1680x94x70	4,6
07-024/136/C---3	1x36W	CFL	2G11	620x94x70	1,8
07-024/155/C---3	1x55W	CFL	2G11	745x94x70	2,1
07-024/180/C---3	1x80W	CFL	2G11	775x94x70	2,3

Lamp modules indirect + ballasts for feeding of the lamp modules direct:

Code	Power	Lamp	Cap	LxBxH (mm)	Ballast	For module
07-033/254/C--A3	2x54W	T5 lamp	G5	1518x94x70	1x36W	07-024/136/C---3
07-033/254/C--B3	2x54W	T5 lamp	G5	1518x94x70	2x36W	07-024/236/C---3
07-033/254/C--C3	2x54W	T5 lamp	G5	1518x94x70	1x55W	07-024/155/C---3
07-033/254/C--D3	2x54W	T5 lamp	G5	1518x94x70	2x55W	07-024/255/C---3

Suspended luminaires - T5 fluorescent lamps

Material:

- body: a steel sheet finishing by powder technology varnishing
- color: metallic gray RAL 9006
- louvre: highly polished parabolic louvre, matted parabolic louvre

Degree of protection: IP 20

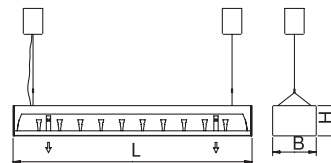
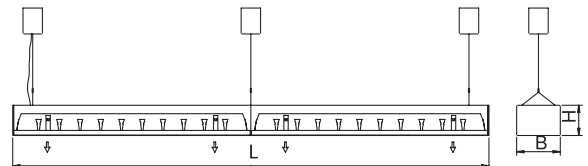
Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: suspended mounting (wire pendants are supplied with luminaire)

Application:

offices, banks, shops



Code	Power	Lamp	Cap	LxBxH (mm)	kg
07-043/128/C [Ⓜ] J--3	1x28W	T5 lamp	G5	1180x94x70	4,5
07-043/135/C [Ⓜ] J--3	1x35W	T5 lamp	G5	1480x94x70	5,0
07-043/149/C [Ⓜ] J--3	1x49W	T5 lamp	G5	1480x94x70	5,1
07-043/154/C [Ⓜ] J--3	1x54W	T5 lamp	G5	1180x94x70	4,6
07-043/180/C [Ⓜ] J--3	1x80W	T5 lamp	G5	1480x94x70	5,0
07-043/228/C [Ⓜ] J--3	2x28W	T5 lamp	G5	2360x94x70	9,0
07-043/235/C [Ⓜ] J--3	2x35W	T5 lamp	G5	2960x94x70	10,0
07-043/249/C [Ⓜ] J--3	2x49W	T5 lamp	G5	2960x94x70	10,2
07-043/254/C [Ⓜ] J--3	2x54W	T5 lamp	G5	2360x94x70	9,2
07-043/280/C [Ⓜ] J--3	2x80W	T5 lamp	G5	2960x94x70	10,0

[Ⓜ] - B (highly polished parabolic louvre, 60°)
 - C (matted parabolic louvre, 60°)

Ceiling and suspended luminaires - T5 fluorescent lamps



Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- louvre: highly polished or matted parabolic louvre-Miro, polished or matted Christmas tree louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear:

electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting:

on a ceiling or pendants, separate mounting

Accessories: wire and tube pendants (must be ordered separately)

Pendants for one lamp luminaires 09-01 and two lamp luminaires 09-04

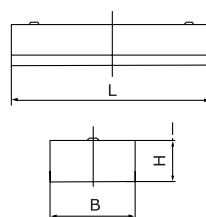
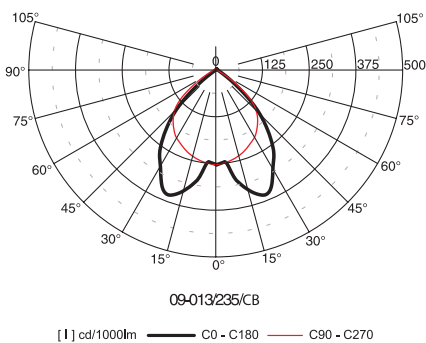
length (mm)	without power supply	with p. s.c. 3x1,5mm ²
1200 (wires)	99-080/120	99-081/120
400 (tubes)	99-090/040	99-091/040
600 (tubes)	99-090/060	99-091/060
900 (tubes)	99-090/090	99-091/090
1200 (tubes)	99-090/120	99-091/120

Pendants for two lamp luminaires 09-01

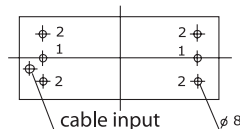
length (mm)	without power supply	with p. s.c. 3x1,5mm ²
1200 (wires)	99-083/120	99-084/120
400 (tubes)	99-093/040	99-094/040
600 (tubes)	99-093/060	99-094/060
900 (tubes)	99-093/090	99-094/090
1200 (tubes)	99-093/120	99-094/120

Application:

offices, corridors and stairways, shops, lecture halls



Mounting holes:
1 - ceiling mounting
2 - mounting on pendants



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
09-013/128/C	1x28W	B,C,D,J	T5 lamp	G5	1193x195x60	3,5
09-013/135/C	1x35W	B,C,D,J	T5 lamp	G5	1493x195x60	4,2
09-013/228/C	2x28W	B,C,D,J	T5 lamp	G5	1193x266x60	4,3
09-013/235/C	2x35W	B,C,D,J	T5 lamp	G5	1493x266x60	5,5
09-043/228/C	2x28W	B,C,D,J	T5 lamp	G5	1193x195x60	3,7
09-043/235/C	2x35W	B,C,D,J	T5 lamp	G5	1493x195x60	4,4

If requested, luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered.

- B (highly polished parabolic louvre, 60°)
- C (matted parabolic louvre, 60°)
- D (polished Christmas tree louvre)
- J (matted Christmas tree louvre)

Suspended luminaires - T5 fluorescent lamps - direct/indirect,

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- louvre: highly polished or matted parabolic louvre - Miro, polished or matted Christmas tree louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear:

electronic ballast, dimmable ballast on request;
the luminaires are offered also in emergency version

Mounting:

separate mounting on pendants

Accessories:

wire and tube pendants (must be ordered separately)

pendants for one lamp luminaires 09-03 and two lamp luminaires 09-06

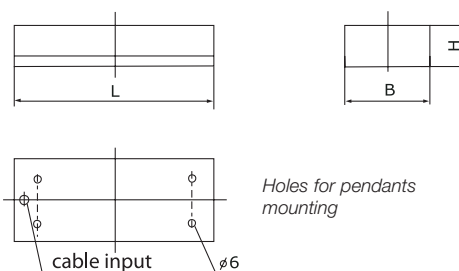
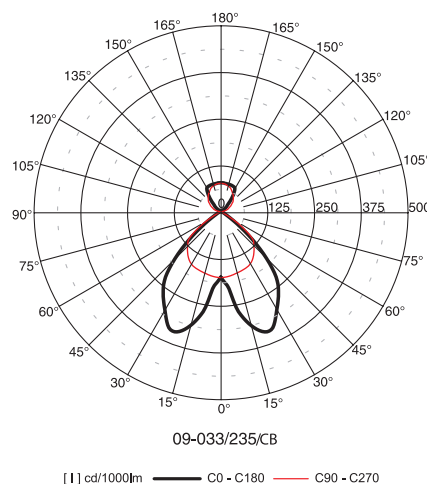
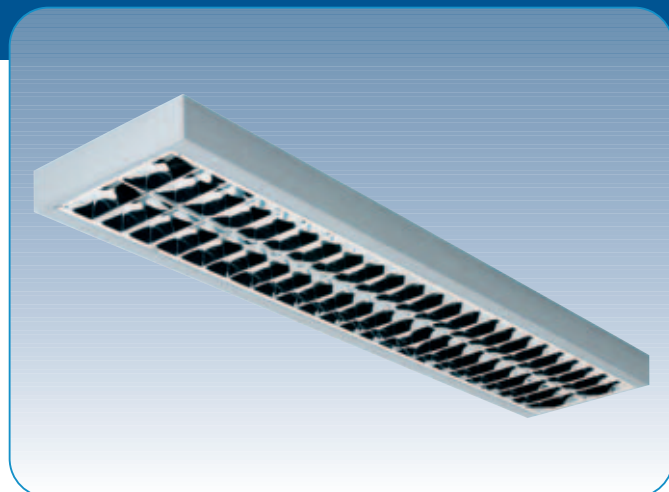
length (mm)	without power supply cable	with p. s.c. 3x1,5mm ²
1200 (wires)	99-080/120	99-081/120
400 (tubes)	99-090/040	99-091/040
600 (tubes)	99-090/060	99-091/060
900 (tubes)	99-090/090	99-091/090
1200 (tubes)	99-090/120	99-091/120

pendants for two lamp luminaires 09-03

length (mm)	without power supply cable	with p. s.c. 3x1,5mm ²
1200 (wires)	99-083/120	99-084/120
400 (tubes)	99-093/040	99-094/040
600 (tubes)	99-093/060	99-094/060
900 (tubes)	99-093/090	99-094/090
1200 (tubes)	99-093/120	99-094/120

Application:

office, corridors and stairways, shops, lecture halls

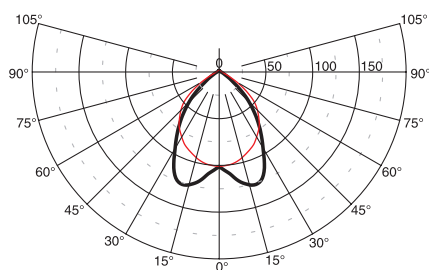


Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
09-033/128/C ²	1x28W	B,C,D,J	T5 lamp	G5	1193x195x60	3,3
09-033/135/C ²	1x35W	B,C,D,J	T5 lamp	G5	1493x195x60	3,9
09-033/228/C ²	2x28W	B,C,D,J	T5 lamp	G5	1193x266x60	3,9
09-033/235/C ²	2x35W	B,C,D,J	T5 lamp	G5	1493x266x60	5,5
09-063/228/C ²	2x28W	B,C,D,J	T5 lamp	G5	1193x195x60	3,7
09-063/235/C ²	2x35W	B,C,D,J	T5 lamp	G5	1493x195x60	4,4

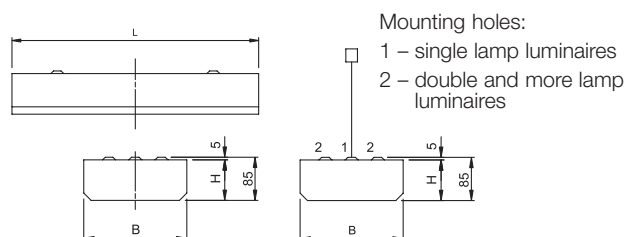
If requested, luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered.

- ² - B (highly polished parabolic louvre, 60°)
- C (matted parabolic louvre, 60°)
- D (polished Christmas tree louvre)
- J (matted Christmas tree louvre)

Ceiling and suspended luminaires - separate



11-013/236/CC
[1] cd/1000lm — C0 - C180 — C90 - C270



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished or matted double parabolic louvre made of an aluminium sheet; polished or matted Christmas tree louvre; white louvre
- cover: prismatic or opaline

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: separate mounting on a ceiling; on wire and tube pendants

Accessories:

wire and tube pendants
(must be ordered separately)

pendants for one lamp luminaires

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

Application:

reception desks, corridors, shops, counters

Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
11-013/118/ [1][2]	1x18W	A,B,C,D,J,X,Z	T8 lamp	G13	638x207x80	2,7
11-013/136/ [1][2]	1x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1248x207x80	4,5
11-013/158/ [1][2]	1x58W	A,B,C,D,J,X,Z	T8 lamp	G13	1548x207x80	5,4
11-013/218/ [1][2]	2x18W	A,B,C,D,J,X,Z	T8 lamp	G13	638x336x80	3,3
11-013/236/ [1][2]	2x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1248x336x80	6,8
11-013/258/ [1][2]	2x58W	A,B,C,D,J,X,Z	T8 lamp	G13	1548x336x80	7,9
11-013/318/ [1][2]	3x18W	A,B,C,D,J,X,Z	T8 lamp	G13	638x490x80	4,9
11-013/336/ [1][2]	3x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1248x490x80	8,0
11-013/358/ [1][2]	3x58W	A,B,C,D,J,X,Z	T8 lamp	G13	1548x490x80	10,1
11-013/418/ [1][2]	4x18W	A,B,C,D,J,X,Z	T8 lamp	G13	638x632x80	5,7
11-013/436/ [1][2]	4x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1248x632x80	10,4
11-013/458/ [1][2]	4x58W	A,B,C,D,J,X,Z	T8 lamp	G13	1548x632x80	13,5

[1] - E (low loss ballast) - C (electronic ballast)

- [2] - A (white louvre)
- B (highly polished parab. louvre, 60°)
- C (matted parabolic louvre, 60°)
- D (polished Christmas tree louvre)

- J (matted Christmas tree louvre)
- X (prismatic cover)
- Z (opaline cover)

Ceiling luminaires with compact lamps

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished or matted double parabolic louvre made of an aluminium sheet; polished or matted Christmas tree louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

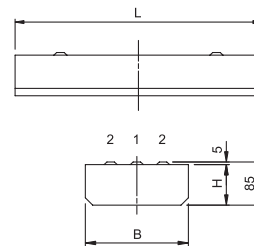
Control gear:

low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: separate mounting on a ceiling

Application:

corridors, shops, counters, computer labs, cafeterias



Mounting holes:

1 – single lamp luminaires

2 – double and more lamp luminaires

Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
11-014/236/112	2x36W	B,C,D,J	compact fl. lamp	2G11	480x336x80	3,0
11-014/255/C2	2x55W	B,C,D,J	compact fl. lamp	2G11	600x336x80	3,1
11-014/336/112	3x36W	B,C,D,J	compact fl. lamp	2G11	480x492x80	4,5
11-014/355/C2	3x55W	B,C,D,J	compact fl. lamp	2G11	600x492x80	4,6

1 - E (low loss ballast) - C (electronic ballast)

2 - B (highly polished parab. louvre, 60°)

- C (matted parabolic louvre, 60°)

- D (polished Christmas tree louvre)

- J (matted Christmas tree louvre)



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- reflector: a polished aluminium sheet (asymmetric profile)

Degree of protection: IP 20

Rated voltage: 230V/50Hz

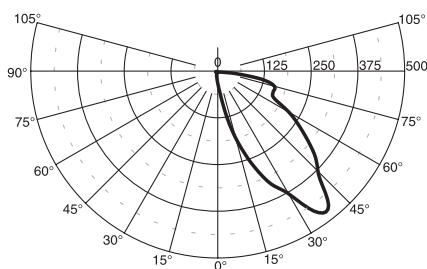
Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting:

separate mounting (series 11-01) on a ceiling;
on wire or tube pendants; coupling in lines (series 11-02)

Accessories: (must be ordered separately)

wire and tube pendants;
plastic endings for coupling luminaires



11-013/136/CI

[1] cd/1000lm — C0 - C180 — C90 - C270

pendants for luminaires

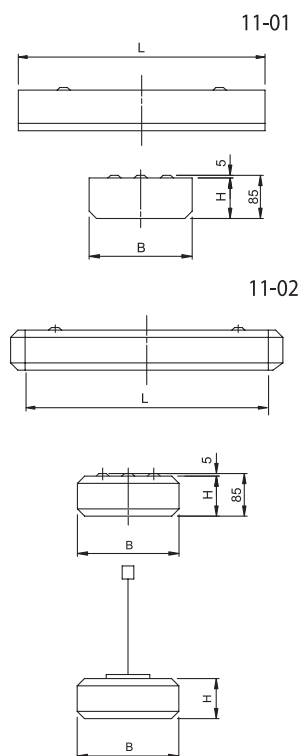
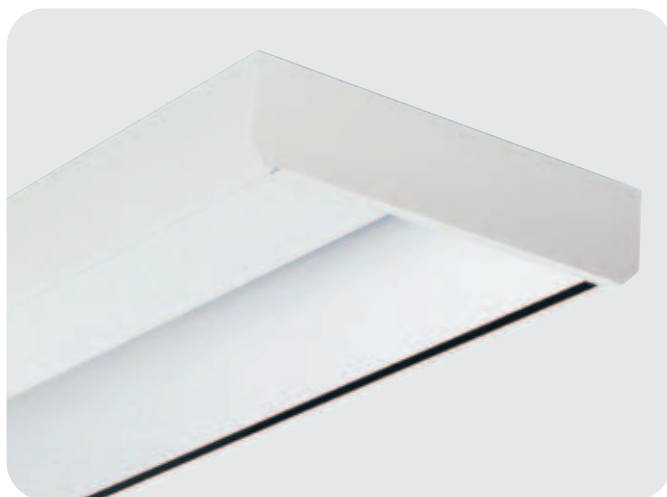
length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

endings for coupling luminaires

99-104

Application:

reception desks, corridors, shops, counters, computer labs, cafeterias



Code	Power	Lamp	Cap	LxBxH (mm)	kg
11-013/136/□ I	1x36W	T8 lamp	G13	1248x336x80	4,5
11-013/158/□ I	1x58W	T8 lamp	G13	1548x336x80	5,4
11-023/136/□ I	1x36W	T8 lamp	G13	1240x336x80	4,5
11-023/158/□ I	1x58W	T8 lamp	G13	1540x336x80	5,4

□ - E (low loss ballast)
- C (electronic ballast)

Ceiling and suspended luminaires - separate - coupling in lines, - fit to lighting systems

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished or matted double parabolic louvre made of an aluminium sheet; polished or matted Christmas tree louvre; white louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear:

low loss ballast or electronic ballast, dimmable ballast on request, the luminaires are offered also in emergency version

Mounting: directly on a ceiling or on pendants - separate, coupled in lines or in lighting systems (see Coupling agents of fluorescent luminaires)

Accessories: (must be ordered separately)

plastic endings

99-103 (for one lamp luminaires)

99-104 (for two lamp luminaires)

wire and tube pendants must be ordered separately

pendants for one lamp luminaires

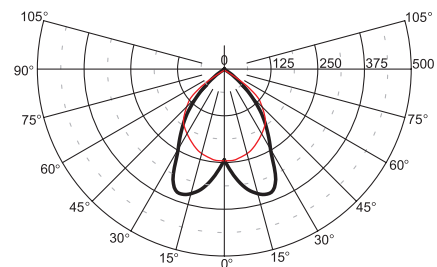
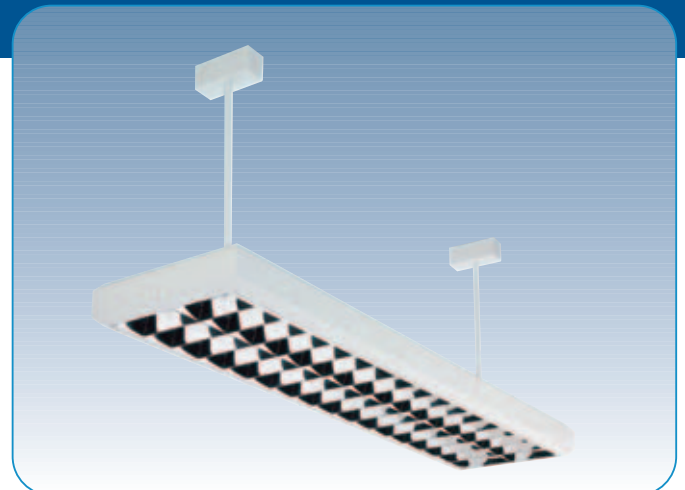
length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 (tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

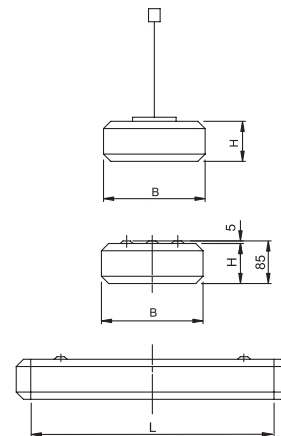
Application:

reception desks, corridors and stairways, counters
computer labs



11-023/236/CB

[1] cd/1000lm — C0 - C180 — C90 - C270



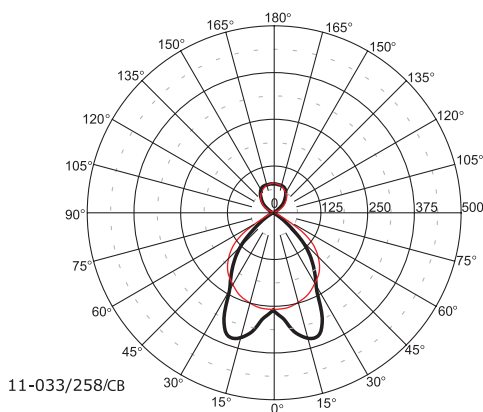
Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
11-023/118/1 2	1x18W	A,B,C,D,J,X	T8 lamp	G13	630x207x80	2,7
11-023/136/1 2	1x36W	A,B,C,D,J,X	T8 lamp	G13	1240x207x80	4,5
11-023/158/1 2	1x58W	A,B,C,D,J,X	T8 lamp	G13	1540x207x80	5,4
11-023/218/1 2	2x18W	A,B,C,D,J,X	T8 lamp	G13	630x336x80	3,3
11-023/236/1 2	2x36W	A,B,C,D,J,X	T8 lamp	G13	1240x336x80	6,8
11-023/258/1 2	2x58W	A,B,C,D,J,X	T8 lamp	G13	1540x336x80	7,9

1 - E (low loss ballast)
- C (electronic ballast)

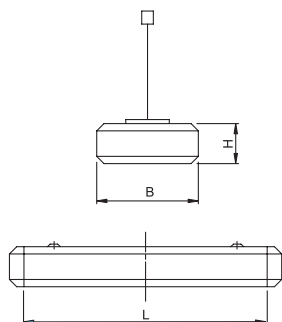
2 - A (white louvre)
- B (highly polished parab. louvre, 60°)
- C (matted parabolic louvre, 60°)

- D (polished Christmas tree louvre)
- J (matted Christmas tree louvre)
- X (prismatic cover)

Suspended luminaires - direct/indirect - coupling in lines - fit to lighting systems



[1] cd/1000lm — C0 - C180 — C90 - C270



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished or matted double parabolic louvre made of an aluminium sheet; polished or matted Christmas tree louvre; white louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request, the luminaires are offered also in emergency version

Mounting: suspended on wire or tube pendants;
separate or in lighting systems
(see Coupling agents of fluorescent luminaires)

Accessories: (must be ordered separately)

- plastic endings
- 99-103 (for one lamp luminaires)
- 99-104 (for two lamp luminaires)

wire and tube pendants must be ordered separately

pendants for one lamp luminaires

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 (tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

Application:

reception desks, shops, counters, computer labs, cafeterias

Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
11-033/118/[1][2]	1x18W	A,B,C,D,J,X	T8 lamp	G13	630x207x80	2,7
11-033/136/[1][2]	1x36W	A,B,C,D,J,X	T8 lamp	G13	1240x207x80	4,5
11-033/158/[1][2]	1x58W	A,B,C,D,J,X	T8 lamp	G13	1540x207x80	5,4
11-033/218/[1][2]	2x18W	A,B,C,D,J,X	T8 lamp	G13	630x336x80	3,3
11-033/236/[1][2]	2x36W	A,B,C,D,J,X	T8 lamp	G13	1240x336x80	6,8
11-033/258/[1][2]	2x58W	A,B,C,D,J,X	T8 lamp	G13	1540x336x80	7,9

[1] - E (low loss ballast)
- C (electronic ballast)

[2] - A (white louvre)
- B (highly polished parab. louvre, 60°)
- C (matted parabolic louvre, 60°)

- D (polished Christmas tree louvre)
- J (matted Christmas tree louvre)
- X (prismatic cover)

Ceiling and suspended luminaires - separate

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: polished or matted Christmas tree louvre; white louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable on request; the luminaires are offered also in emergency version

Mounting: on a ceiling, one and two lamp luminaires are also fit to suspended mounting

Accessories: wire and tube pendants (must be ordered separately)

pendants for one lamp luminaires 12-01 and two lamps luminaires 12-04

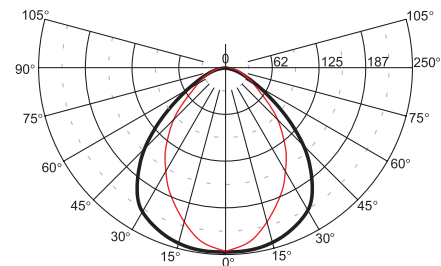
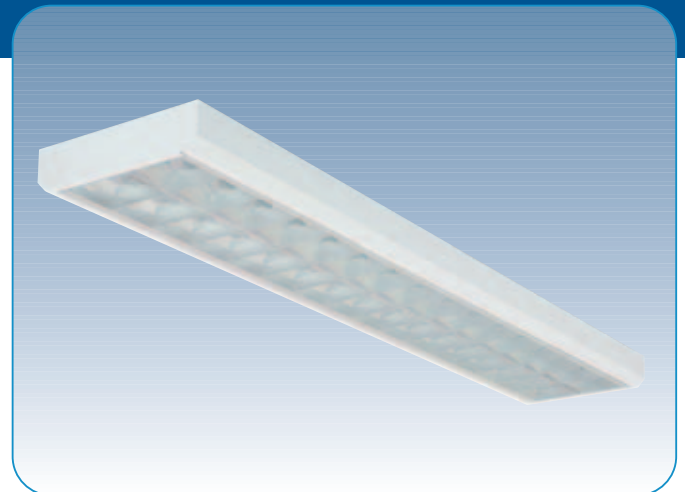
length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 (tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires 12-01

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

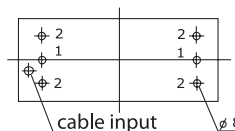
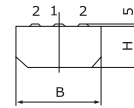
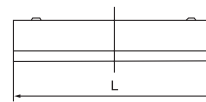
Application:

offices, corridors and stairways, shops, lecture halls



12-013/236/CD

[] cd/1000lm — C0 - C180 — C90 - C270



Mounting holes:

1 – one lamp luminaires 12-01

and two lamps luminaires 12-04

2 – two and more lamps luminaires 12-01

Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
12-013/118/12	1x18W	A,D,J	T8 lamp	G13	654x195x60	2,4
12-013/136/12	1x36W	A,D,J	T8 lamp	G13	1264x195x60	4,0
12-013/158/12	1x58W	A,D,J	T8 lamp	G13	1564x195x60	4,9
12-013/218/12	2x18W	A,D,J	T8 lamp	G13	654x266x60	2,8
12-013/236/12	2x36W	A,D,J	T8 lamp	G13	1264x266x60	5,1
12-013/258/12	2x58W	A,D,J	T8 lamp	G13	1564x266x60	6,9
12-013/318/12	3x18W	A,D,J	T8 lamp	G13	654x362x60	4,4
12-013/336/12	3x36W	A,D,J	T8 lamp	G13	1264x362x60	7,7
12-013/358/12	3x58W	A,D,J	T8 lamp	G13	1564x362x60	8,0
12-013/418/12	4x18W	A,D,J	T8 lamp	G13	654x458x60	4,8
12-013/436/12	4x36W	A,D,J	T8 lamp	G13	1264x458x60	8,8
12-013/458/12	4x58W	A,D,J	T8 lamp	G13	1564x458x60	9,2
12-043/218/12	2x18W	A,D,J	T8 lamp	G13	654x195x60	2,5
12-043/236/12	2x36W	A,D,J	T8 lamp	G13	1264x195x60	4,5
12-043/258/12	2x58W	A,D,J	T8 lamp	G13	1564x195x60	5,7

1 - E (low loss ballast) - C (electronic ballast)

2 - A (white louvre)

- D (polished Christmas tree louvre)

- J (matted Christmas tree louvre)

gemini | 12-02, 12-05

Ceiling and suspended luminaires

- separate

- coupling in lines, - fit to lighting systems



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: polished or matted Christmas tree louvre; white louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request

Mounting: on a ceiling, one and two lamp luminaires are also fit to suspended mounting and coupling in lines and lighting systems

Accessories: (must be ordered separately)

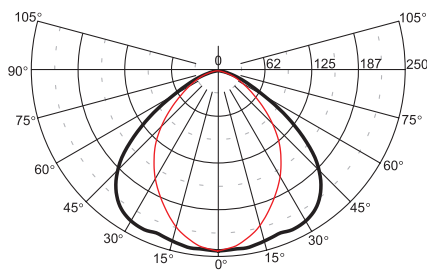
plastic endings

99-107 (single lamp luminaires and 12-05)

99-108 (double lamp luminaires) coupling components

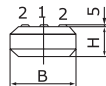
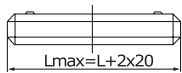
(see Coupling agents of fluorescent luminaires)

wire and tube pendants must be ordered separately



12-023/158/ED

[1] cd/1000lm — C0 - C180 — C90 - C270

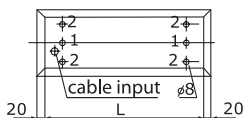


Mounting holes:

1 - one lamp luminaires 12-02

and two lamps luminaires 12-05

2 - two and more lamps luminaires 12-02



pendants for one lamp luminaires 12-02 and two lamps

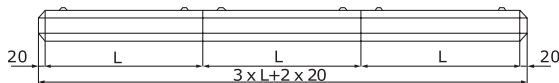
length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 (tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires 12-02

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

Application:

office, corridors and stairways, shops, lecture halls



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
12-023/118/[1][2]	1x18W	A,D,J	T8 lamp	G13	630x195x60	2,4
12-023/136/[1][2]	1x36W	A,D,J	T8 lamp	G13	1240x195x60	4,0
12-023/158/[1][2]	1x58W	A,D,J	T8 lamp	G13	1540x195x60	4,9
12-023/218/[1][2]	2x18W	A,D,J	T8 lamp	G13	630x266x60	2,8
12-023/236/[1][2]	2x36W	A,D,J	T8 lamp	G13	1240x266x60	5,1
12-023/258/[1][2]	2x58W	A,D,J	T8 lamp	G13	1540x266x60	6,9
12-053/218/[1][2]	2x18W	A,D,J	T8 lamp	G13	630x195x60	2,5
12-053/236/[1][2]	2x36W	A,D,J	T8 lamp	G13	1240x195x60	4,5
12-053/258/[1][2]	2x58W	A,D,J	T8 lamp	G13	1540x195x60	5,7

[1] - E (low loss ballast) - C (electronic ballast)

[2] - A (white louvre)

- D (polished Christmas tree louvre)

- J (matted Christmas tree louvre)

Suspended luminaires - direct/indirect, - separate - coupling in lines, - fit to lighting systems

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: polished or matted Christmas tree louvre; white louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request

Mounting:

on pendants, fit to coupling in lines and lighting systems (see Coupling agents of fluorescent luminaires)

Accessories: (must be ordered separately)

plastic endings

99-107 (one lamp luminaires and 12-06)

99-108 (two lamp luminaires)

wire and tube pendants must be ordered separately

pendants for one lamp luminaires 12-03 and two lamps luminaires 12-06

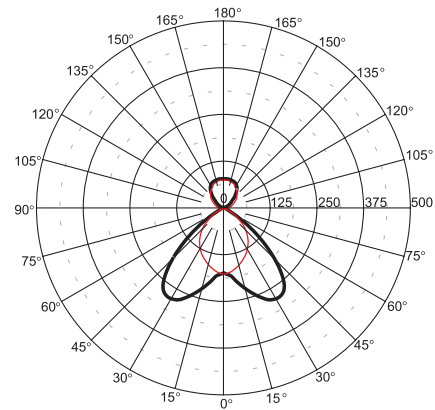
length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 (tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires 12-03

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

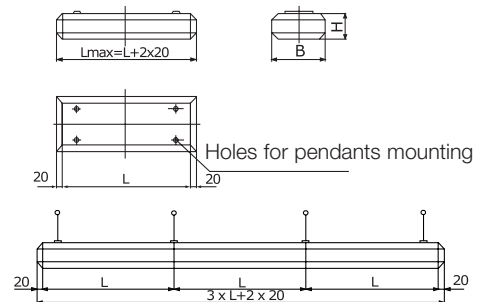
Application:

offices, corridors and stairways, shops, lecture halls



12-033/258/CD

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
12-033/118/1 2	1x18W	A,D,J	T8 lamp	G13	630x195x60	2,4
12-033/136/1 2	1x36W	A,D,J	T8 lamp	G13	1240x195x60	4,0
12-033/158/1 2	1x58W	A,D,J	T8 lamp	G13	1540x195x60	4,9
12-033/218/1 2	2x18W	A,D,J	T8 lamp	G13	630x266x60	2,8
12-033/236/1 2	2x36W	A,D,J	T8 lamp	G13	1240x266x60	5,1
12-033/258/1 2	2x58W	A,D,J	T8 lamp	G13	1540x266x60	6,9
12-063/218/1 2	2x18W	A,D,J	T8 lamp	G13	630x195x60	2,5
12-063/236/1 2	2x36W	A,D,J	T8 lamp	G13	1240x195x60	4,5
12-063/258/1 2	2x58W	A,D,J	T8 lamp	G13	1540x195x60	5,7

1 - E (low loss ballast) - C (electronic ballast)

2 - A (white louvre)

- D (polished Christmas tree louvre)

- J (matted Christmas tree louvre)

gemini | 12-08, 12-09

Ceiling and suspended luminaires - separate



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished parabolic louvre, polished Christmas tree louvre

Degree of protection: IP 20

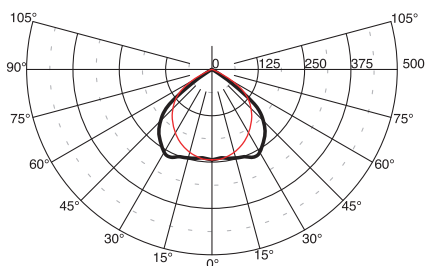
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request, the luminaires are offered also in emergency version

Mounting:

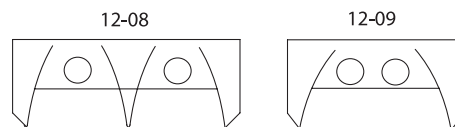
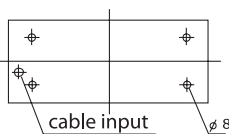
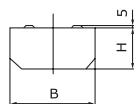
on a ceiling, luminaires are also fit to suspended mounting - separate

Accessories: wire and tube pendants (must be ordered separately)



12-083/236/CBL

[1] cd/1000lm — C0 - C180 — C90 - C270



pendants for two lamps luminaires 12-09

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 (tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires 12-08 (only for 2x36W and 2x58W)

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

Application:

office, corridors and stairways, shops, lecture halls

Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
12-083/236/[1][2]	2x36W	BL, DL	T8 lamp	G13	1235x266x60	5,1
12-083/258/[1][2]	2x58W	BL, DL	T8 lamp	G13	1535x266x60	6,9
12-083/418/[1][2]	4x18W	BL, DL	T8 lamp	G13	624x458x60	4,8
12-093/236/[1]DL	2x36W	DL	T8 lamp	G13	1235x195x60	5,1
12-093/258/[1]DL	2x58W	DL	T8 lamp	G13	1535x195x60	6,9

[1] - E (low loss ballast - parallel compensation)
 - C (electronic ballast)

louvre: - BL (highly polished double parabolic louvre, lower quantity of lamellae)
 - DL (polished Christmas tree louvre, lower quantity of lamellae)

Ceiling and suspended luminaires - separate - T5 fluorescent lamps

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished or matted parabolic louvre - Miro, polished or matted Christmas tree louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: on a ceiling, one and two lamp luminaires are also fit to separate mounting

Accessories: wire and tube pendants (must be ordered separately)

pendants for one lamp luminaires 13-01 and two lamp luminaires 13-04

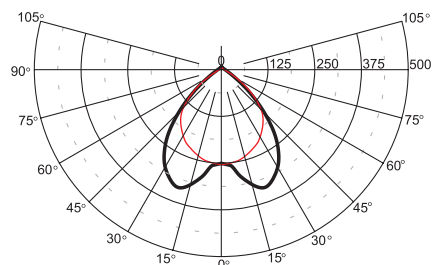
length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 (tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires 13-01

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

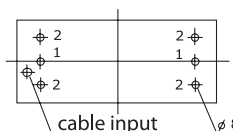
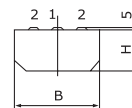
Application:

office, corridors and stairways, shops, lecture halls



13-013/235/CB

[1] cd/1000lm — C0 - C180 — C90 - C270



Mounting holes:

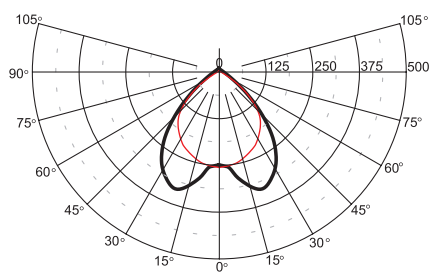
- 1 - one lamp luminaires 13-01 and two lamps luminaires 13-04
- 2 - two and more lamps luminaires

Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
13-013/114/C ²	1x14W	B,C,D,J	T5 lamp	G5	593x195x60	2,1
13-013/128/C ²	1x28W	B,C,D,J	T5 lamp	G5	1193x195x60	3,5
13-013/135/C ²	1x35W	B,C,D,J	T5 lamp	G5	1493x195x60	4,2
13-013/214/C ²	2x14W	B,C,D,J	T5 lamp	G5	593x266x60	2,5
13-013/228/C ²	2x28W	B,C,D,J	T5 lamp	G5	1193x266x60	4,3
13-013/235/C ²	2x35W	B,C,D,J	T5 lamp	G5	1493x266x60	5,5
13-013/314/C ²	3x14W	B,C,D,J	T5 lamp	G5	593x362x60	3,5
13-013/328/C ²	3x28W	B,C,D,J	T5 lamp	G5	1193x362x60	6,2
13-013/414/C ²	4x14W	B,C,D,J	T5 lamp	G5	593x458x60	3,9
13-013/428/C ²	4x28W	B,C,D,J	T5 lamp	G5	1193x458x60	7,3
13-043/214/C ²	2x14W	B,C,D,J	T5 lamp	G5	593x195x60	2,2
13-043/228/C ²	2x28W	B,C,D,J	T5 lamp	G5	1193x195x60	3,7
13-043/235/C ²	2x35W	B,C,D,J	T5 lamp	G5	1493x195x60	4,4

If requested, luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered.

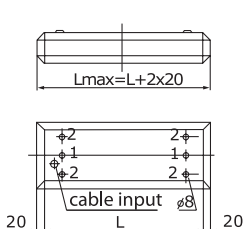
- ² - B (highly polished parab. louvre, 60°)
- C (matted parabolic louvre, 60°)
- D (polished Christmas tree louvre)
- J (matted Christmas tree louvre)

Ceiling and suspended luminaires - T5 lamps, - fit to lighting systems



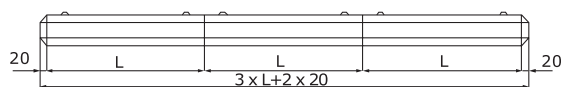
13-023/235/CB

[1] cd/1000lm — C0 - C180 — C90 - C270



Mounting holes:

- 1 - one lamp luminaires 13-02 and two lamps luminaires 13-05
- 2 - two and more lamps luminaires 13-02



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished or matted parabolic louvre - Miro, polished or matted Christmas tree louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request

Mounting: on a ceiling, one and two lamp luminaires are also fit both to separate mounting and coupling in lighting systems (see Coupling agents of fluorescent luminaires)

Accessories: (must be ordered separately)

plastic endings

99-107 (one lamp luminaires and 13-05)

99-108 (two lamp luminaires)

wire and tube pendants (must be ordered separately)

pendants for one lamp luminaires 13-02 and two lamps luminaires 13-05

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 (tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires 13-02

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120

Application:

office, corridors and stairways, shops, lecture halls

Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
13-023/114/C [2]	1x14W	B,C,D,J	T5 lamp	G5	590x195x60	2,0
13-023/128/C [2]	1x28W	B,C,D,J	T5 lamp	G5	1194x195x60	3,3
13-023/135/C [2]	1x35W	B,C,D,J	T5 lamp	G5	1490x195x60	3,9
13-023/214/C [2]	2x14W	B,C,D,J	T5 lamp	G5	590x266x60	2,3
13-023/228/C [2]	2x28W	B,C,D,J	T5 lamp	G5	1194x266x60	3,9
13-023/235/C [2]	2x35W	B,C,D,J	T5 lamp	G5	1490x266x60	5,5
13-053/214/C [2]	2x14W	B,C,D,J	T5 lamp	G5	590x195x60	2,2
13-053/228/C [2]	2x28W	B,C,D,J	T5 lamp	G5	1194x195x60	3,7
13-053/235/C [2]	2x35W	B,C,D,J	T5 lamp	G5	1490x195x60	4,4

If requested, luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered.

- [2] - B (highly polished parab. louvre, 60°)
- C (matted parabolic louvre, 60°)
- D (polished Christmas tree louvre)
- J (matted Christmas tree louvre)

Suspended luminaires - direct/indirect - T5 lamps, - coupling in lines, - fit to lighting systems

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished or matted parabolic louvre - Miro, polished or matted Christmas tree louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request

Mounting: on pendants, fit to coupling in lines and lighting systems (see Coupling agents of fluorescent luminaires)

Accessories: (must be ordered separately)

plastic endings

99-107 (single lamp luminaire and 13-06)

99-108 (double lamp luminaire)

wire and tube pendants (must be ordered separately)

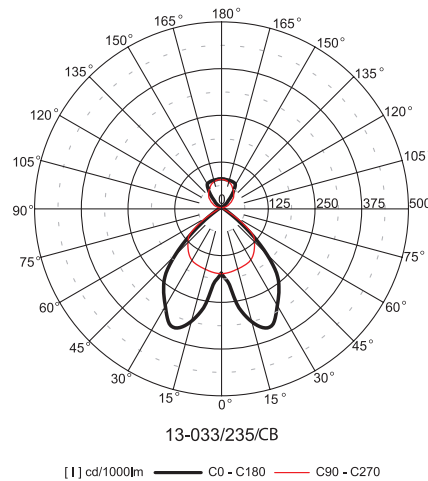


pendants for one lamp luminaires 13-03 and two lamps luminaires 13-06

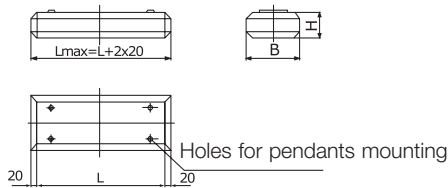
length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-080/120	99-081/120	99-082/120
400 (tubes)	99-090/040	99-091/040	99-092/040
600 (tubes)	99-090/060	99-091/060	99-092/060
900 (tubes)	99-090/090	99-091/090	99-092/090
1200 (tubes)	99-090/120	99-091/120	99-092/120

pendants for two lamp luminaires 13-03

length(mm)	without power supply cable	with p. s.c. 3x1,5mm ²	with p. s.c. 5x1,5mm ²
1200 (wires)	99-083/120	99-084/120	99-085/120
400 (tubes)	99-093/040	99-094/040	99-095/040
600 (tubes)	99-093/060	99-094/060	99-095/060
900 (tubes)	99-093/090	99-094/090	99-095/090
1200 (tubes)	99-093/120	99-094/120	99-095/120



Application: offices, corridors and stairways, shops, lecture halls



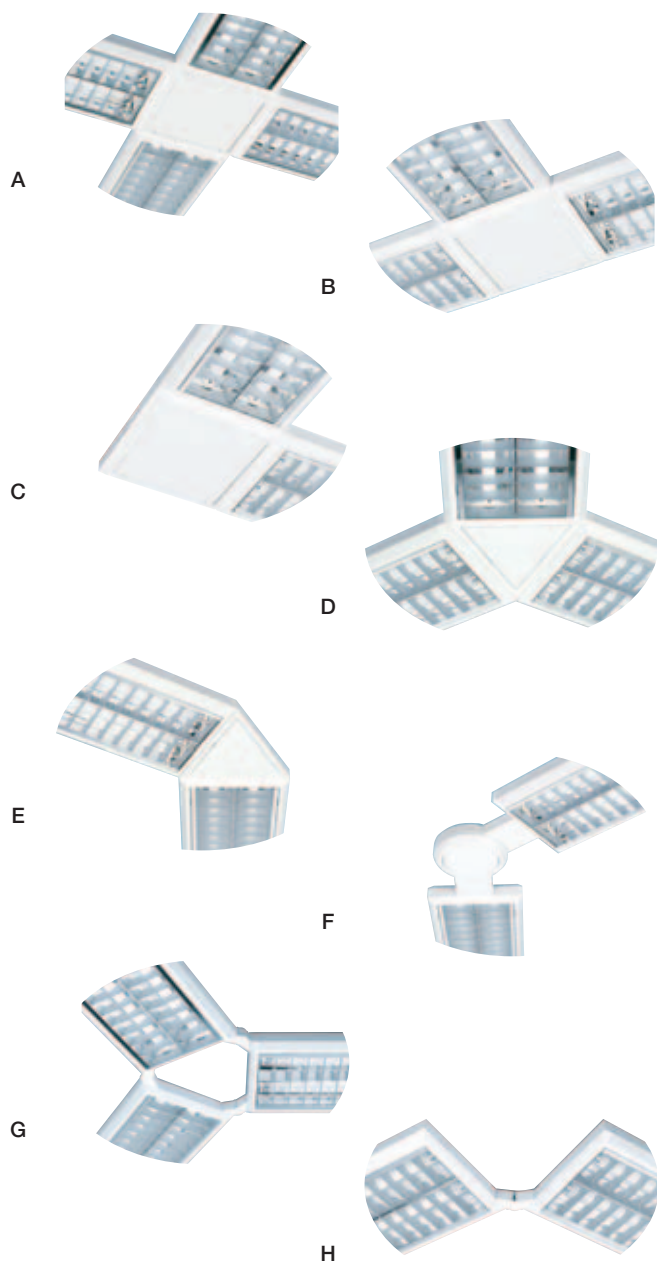
Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
13-033/114/C [2]	1x14W	B,C,D,J	T5 lamp	G5	590x195x60	2,0
13-033/128/C [2]	1x28W	B,C,D,J	T5 lamp	G5	1194x195x60	3,3
13-033/135/C [2]	1x35W	B,C,D,J	T5 lamp	G5	1490x195x60	3,9
13-033/214/C [2]	2x14W	B,C,D,J	T5 lamp	G5	590x266x60	2,3
13-033/228/C [2]	2x28W	B,C,D,J	T5 lamp	G5	1194x266x60	3,9
13-033/235/C [2]	2x35W	B,C,D,J	T5 lamp	G5	1490x266x60	5,5
13-063/214/C [2]	2x14W	B,C,D,J	T5 lamp	G5	590x195x60	2,2
13-063/228/C [2]	2x28W	B,C,D,J	T5 lamp	G5	1194x195x60	3,7
13-063/235/C [2]	2x35W	B,C,D,J	T5 lamp	G5	1490x195x60	4,4

If requested, luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered.

- [2] - B (highly polished parab. louvre, 60°)
- C (matted parabolic louvre, 60°)
- D (polished Christmas tree louvre)
- J (matted Christmas tree louvre)

gemma, gemini, pavo | 11, 12, 13

Coupling agents of fluorescent luminaires



Specification:

- fixed or adjustable universal coupling agents of the series 11 Gemma, 12 - Gemini, 13 - Pavo
- mounting both suspended and ceiling
- the couplings are designed to pull through the feeding cables

Couplings:

• fixed:

GEMMA		GEMINI and PAVO	
single lamp l.	double lamp l.	single lamp l.	double lamp l.
A - a square coupling for fixed coupling of four luminaires in a cross	99-321	99-331	99-361
B - a square coupling for fixed coupling of three luminaires in "T" shape	99-322	99-332	99-362
C - a square coupling for fixed coupling of two luminaires in right angle	99-323	99-333	99-363
D - a triangle coupling for fixed coupling of three luminaires in the shape of a star	99-325	99-335	99-365
E - a triangle coupling for fixed coupling of two luminaires in the angle of 120°	99-326	99-336	99-366

• adjustable:

- a corner coupling adjustable in the range 30-150°
- a discoid coupling adjusting two luminaires in the range: 65-295° one-lamp luminaires of the series 11, 12, 13
- 90-180° two-lamp luminaires of the series 11
- 75-285° with the series 12, 13

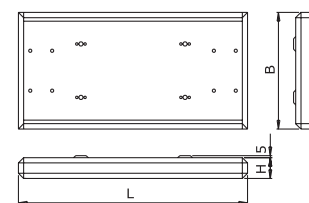
GEMMA		GEMINI a PAVO	
single lamp l.	double lamp l.	single lamp l.	double lamp l.
F - a discoid coupling for revolving coupling of two luminaires	99-421	99-431	99-461
G - a corner coupling for revolving coupling of three or more luminaires	-	-	99-462
H - a corner coupling for revolving coupling of two luminaires (30-150°)	-	-	99-463



Plain modules



Emergency modules



Plain modules	Code	LxBxH	Code	LxBxH
	11-000/118	630x207x80	12-000/118	630x195x60
	11-000/136	1240x207x80	12-000/136	1240x195x60
	11-000/158	1540x207x80	12-000/158	1540x195x60
	11-000/218	630x336x80	12-000/218	630x266x60
	11-000/236	1240x336x80	12-000/236	1240x266x60
Emergency modules	11-000/258	1540x336x80	12-000/258	1540x266x60
- luminous sign	11-003/118	630x207x80	12-003/118	630x195x60
	11-003/218	630x336x80	12-003/218	630x266x60
- sign module	11-100/118	630x207x80	12-100/118	630x195x60
	11-100/218	630x336x80	12-100/218	630x266x60
- luminous sign with inverter	11-103/118	630x207x80	12-103/118	630x195x60
	11-103/218	630x336x80	12-103/218	630x266x60

Ceiling and suspended luminaires – direct -separate

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

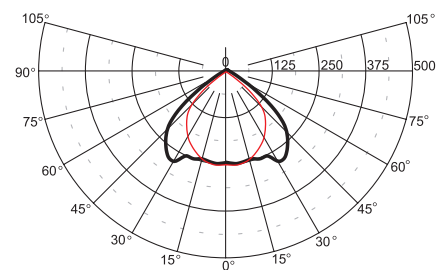
Mounting: built up on a ceiling or suspended on wire pendants

Accessories: (must be ordered separately)

- 99-080/120 wire pendant without power a supply cable (120 cm)
- 99-081/120 wire pendant with power a supply cable 3x1,5mm² (120 cm)
- 99-082/120 wire pendant with power a supply cable 5x1,5mm² (120 cm)

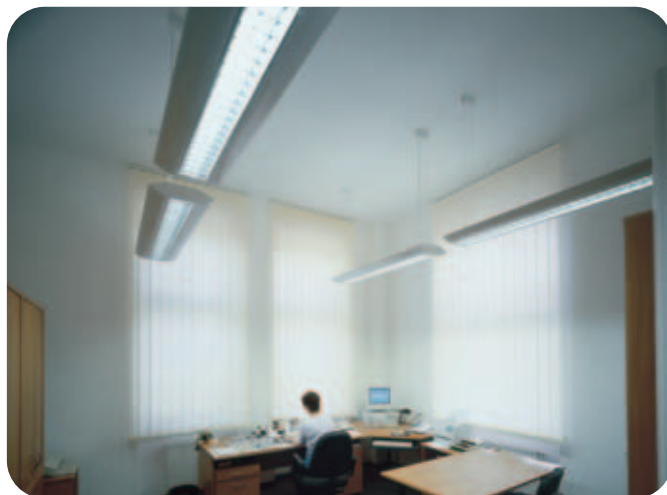
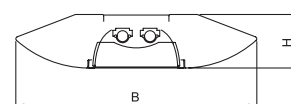
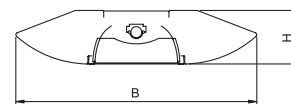
Application:

reception desks, corridors, shops and boutiques, restaurants, counters, computer labs, representative offices



15-013/136/CB

[1] cd/1000lm — C0 - C180 — C90 - C270



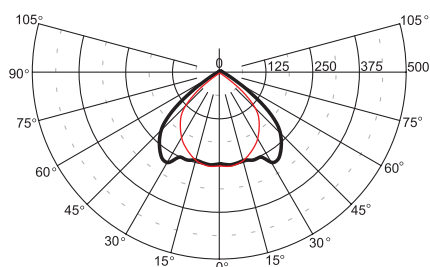
Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
15-013/136/ [1] [2]	1x36W	B, C	T8 lamp	G13	1242x351x78	7,8
15-013/158/ [1] [2]	1x58W	B, C	T8 lamp	G13	1542x351x78	8,4
15-013/236/ [1] [2]	2x36W	B, C	T8 lamp	G13	1242x351x78	7,9
15-013/258/ [1] [2]	2x58W	B, C	T8 lamp	G13	1542x351x78	8,5
15-013/128/C [2]	1x28W	B, C	T5 lamp	G5	1192x351x78	7,5
15-013/135/C [2]	1x35W	B, C	T5 lamp	G5	1492x351x78	8,3
15-013/228/C [2]	2x28W	B, C	T5 lamp	G5	1192x351x78	7,6
15-013/235/C [2]	2x35W	B, C	T5 lamp	G5	1492x351x78	8,4

If requested, luminaires with T5 lamps (49W, 54W, 80W) can be specially ordered.

- [1] - E (low loss ballast)
- C (electronic ballast)

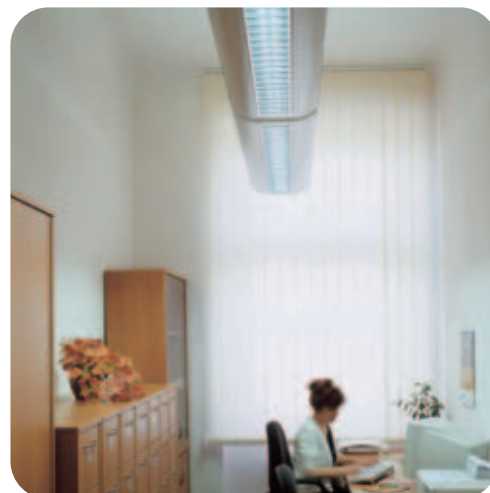
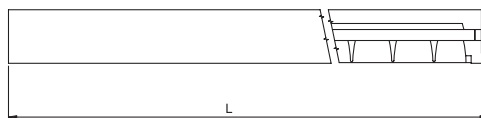
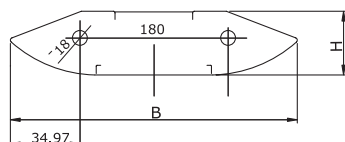
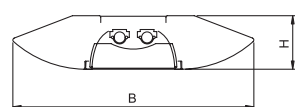
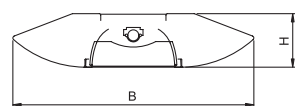
- [2] - B (highly polished parab. louvre, 60°)
- C (matted parabolic louvre, 60°)

Ceiling and suspended luminaires - direct - coupling in lines



15-023/136/CB

[I] cd/1000lm — C0 - C180 — C90 - C270



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: built up on a ceiling or suspended on wire pendants, coupling in lines

Luminaire is supplied including one ending.

Accessories: (must be ordered separately)

- 99-080/120 wire pendant without power a supply cable (120 cm)
- 99-081/120 wire pendant with power a supply cable 3x1,5mm² (120 cm)
- 99-082/120 wire pendant with power a supply cable 5x1,5mm² (120 cm)

Application:

reception desks, corridors, shops and boutiques, restaurants, counters, computer labs, representative offices

Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
15-023/136/ [1] [2]	1x36W	B, C	T8 lamp	G13	1242x351x78	7,8
15-023/158/ [1] [2]	1x58W	B, C	T8 lamp	G13	1542x351x78	8,4
15-023/236/ [1] [2]	2x36W	B, C	T8 lamp	G13	1242x351x78	7,9
15-023/258/ [1] [2]	2x58W	B, C	T8 lamp	G13	1542x351x78	8,5
15-023/128/C [2]	1x28W	B, C	T5 lamp	G5	1192x351x78	7,5
15-023/135/C [2]	1x35W	B, C	T5 lamp	G5	1492x351x78	8,3
15-023/228/C [2]	2x28W	B, C	T5 lamp	G5	1192x351x78	7,6
15-023/235/C [2]	2x35W	B, C	T5 lamp	G5	1492x351x78	8,4

If requested, luminaires with T5 lamps (49W, 54W, 80W) can be specially ordered.

[1] - E (low loss ballast)
- C (electronic ballast)

[2] - B (highly polished parab. louvre)
- C (matted parabolic louvre)

Suspended luminaires - direct/indirect - coupling in lines

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: suspended on wire pendants, connected in lines

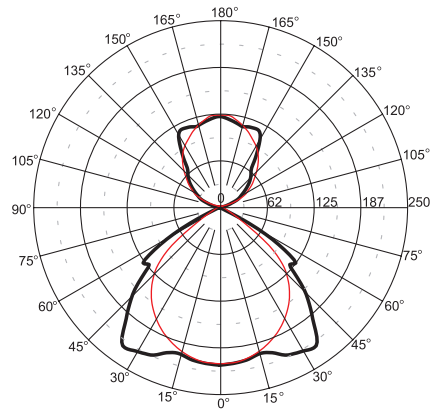
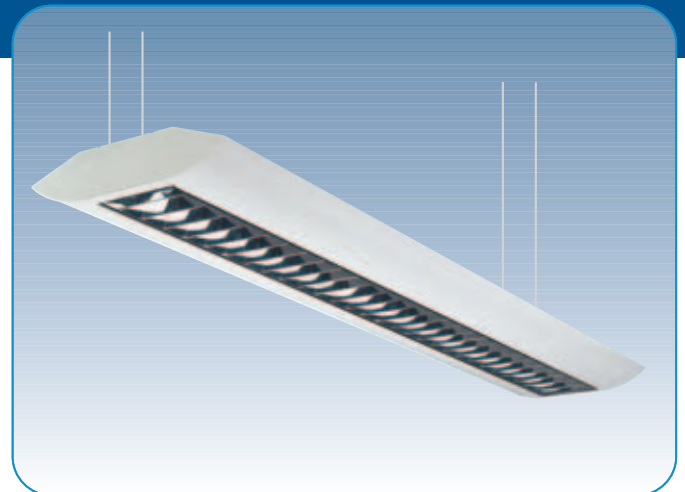
Luminaire is supplied including one ending.

Accessories: (must be ordered separately)

- 99-080/120 wire pendant without power a supply cable (120 cm)
- 99-081/120 wire pendant with power a supply cable 3x1,5mm² (120 cm)
- 99-082/120 wire pendant with power a supply cable 5x1,5mm² (120 cm)

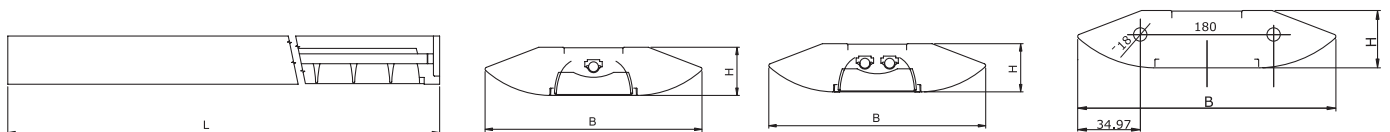
Application:

reception desks, corridors, shops and boutiques, restaurants, counters, computer labs, representative offices



15-033/228/CB

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
15-033/136/ [1] [2]	1x36W	B, C	T8 lamp	G13	1242x351x78	7,8
15-033/158/ [1] [2]	1x58W	B, C	T8 lamp	G13	1542x351x78	8,4
15-033/236/ [1] [2]	2x36W	B, C	T8 lamp	G13	1242x351x78	7,9
15-033/258/ [1] [2]	2x58W	B, C	T8 lamp	G13	1542x351x78	8,5
15-033/128/C [2]	1x28W	B, C	T5 lamp	G5	1192x351x78	7,5
15-033/135/C [2]	1x35W	B, C	T5 lamp	G5	1492x351x78	8,3
15-033/228/C [2]	2x28W	B, C	T5 lamp	G5	1192x351x78	7,6
15-033/235/C [2]	2x35W	B, C	T5 lamp	G5	1492x351x78	8,4

If requested, luminaires with T5 lamps (49W, 54W, 80W) can be specially ordered.

[1] - E (low loss ballast)
- C (electronic ballast)

[2] - B (highly polished parab. louvre, 60°)
- C (matted parabolic louvre, 60°)

Suspended luminaires - separate - direct/indirect



Material:

- body: a steel sheet finished by powder technology varnishing
- color: structured metallic gray
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet

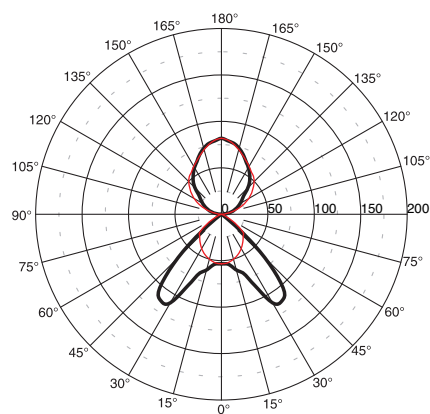
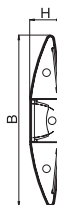
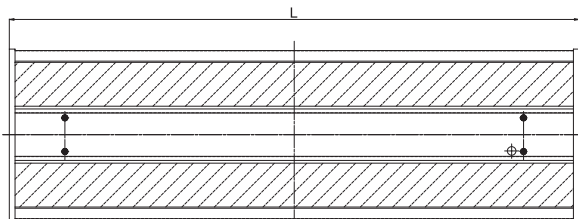
Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast (analog, digital or digital DALI) in double switch wiring, direct and indirect part of the light is controlled separately; the luminaires are offered also in emergency version

Mounting: suspended on wire pendants
(pendants are supplied with luminaire)

Application:
banks, representative offices, conference rooms



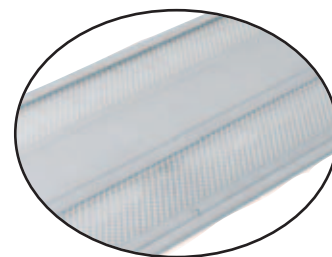
15-043/328/CC

[1] cd/1000lm — C0 - C180 — C90 - C270



Detail of the luminaire with
matted parabolic louvre

Upper side of the luminaire with
the prismatic cover



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
15-043/328/ [1] [2]	3x28W	B, C	T5 lamp	G5	1195x358x66	8,1
15-043/335/ [1] [2]	3x35W	B, C	T5 lamp	G5	1495x358x66	9,3
15-043/349/ [1] [2]	3x49W	B, C	T5 lamp	G5	1495x358x66	9,3
15-043/354/ [1] [2]	3x54W	B, C	T5 lamp	G5	1195x358x66	8,1
15-043/380/ [1] [2]	3x80W	B, C	T5 lamp	G5	1495x358x66	9,3

- [1] - C (electronic ballast)
- R (analog dimmable ballast)
- S (digital dimmable ballast)
- T (digital dimmable ballast DALI)

- [2] - B (highly polished parab. louvre 60°)
- C (matted parabolic louvre 60°)

Suspended luminaires - separate - direct/indirect

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003; metallic gray RAL 9006 on request
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

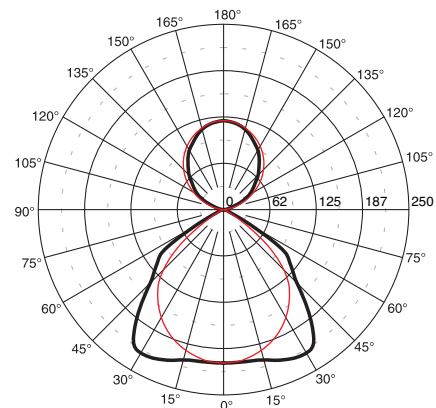
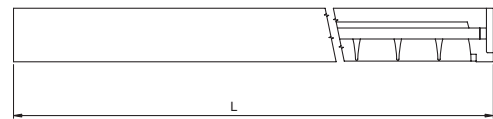
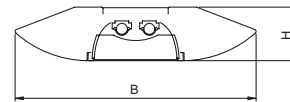
Control gear: electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: on wire pendants which are supplied with luminaire

Application:

reception desks, corridors, shops and boutiques, restaurants, counters, computers labs, representative offices

Avior 15-06: Version of coupling in lines is on request



[I] cd/1000lm — C0 - C180 — C90 - C270

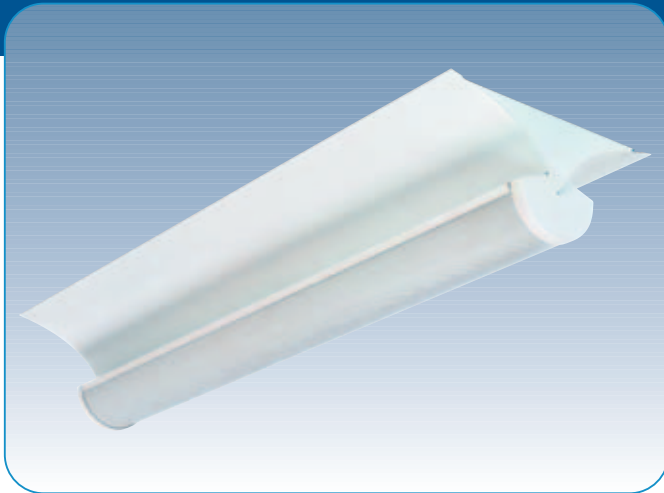
Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	kg
15-053/228/ [1][2]	2x28W	B, C	T5 lamp	G5	1195x320x60	7,6
15-053/254/ [1][2]	2x54W	B, C	T5 lamp	G5	1195x320x60	7,6
15-053/235/ [1][2]	2x35W	B, C	T5 lamp	G5	1495x320x60	8,4
15-053/249/ [1][2]	2x49W	B, C	T5 lamp	G5	1495x320x60	8,4

If requested, luminaire with T5 lamp 80W can be specially ordered.

- [1] - C (electronic ballast)
- R (analog dimmable ballast)
- S (digital dimmable ballast)
- T (digital dimmable ballast DALI)

- [2] - B (highly polished parab. louvre 60°)
- C (matted parabolic louvre 60°)

Ceiling luminaires - direct/indirect



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- reflector: a steel sheet finished by white powder technology varnishing
- diffuser: a perforated steel sheet equipped with a diffusing sheet

Degree of protection: IP 20

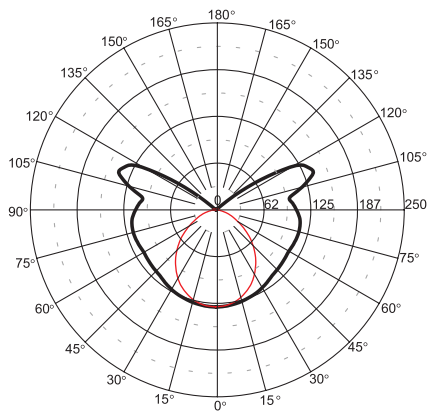
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request

Mounting: built up on a ceiling

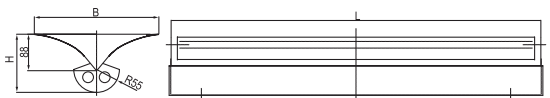
Application:

representative rooms, financial and insurance institutions, restaurants, hotels



16-013/235

[1] cd/1000lm — C0 - C180 — C90 - C270



If requested, luminaires with T5 lamps (24W, 49W, 54W, 80W) can be specially ordered.

- - E (low loss ballast)
- C (electronic ballast)

Code	Power	Lamp	Cap	LxBxH (mm)	kg
16-013/128/C	1x28W	T5 lamp	G5	1200x300x140	7,9
16-013/135/C	1x35W	T5 lamp	G5	1500x300x140	9,4
16-013/139/C	1x39W	T5 lamp	G5	900x300x140	6,0
16-013/214/C	2x14W	T5 lamp	G5	600x300x140	5,5
16-013/228/C	2x28W	T5 lamp	G5	1200x300x140	8,1
16-013/235/C	2x35W	T5 lamp	G5	1500x300x140	9,6
16-013/239/C	2x39W	T5 lamp	G5	900x300x140	6,2
16-013/136/□	1x36W	T8 lamp	G13	1260x300x140	8,0
16-013/158/□	1x58W	T8 lamp	G13	1560x300x140	9,5
16-013/218/□	2x18W	T8 lamp	G13	650x300x140	5,7
16-013/236/□	2x36W	T8 lamp	G13	1260x300x140	8,3
16-013/258/□	2x58W	T8 lamp	G13	1560x300x140	9,8
16-014/136/□	1x36W	comp.fl.lamp	2G11	495x300x140	5,6
16-014/155/C	1x55W	comp.fl.lamp	2G11	615x300x140	5,5
16-014/236/□	2x36W	comp.fl.lamp	2G11	882x300x140	5,9
16-014/255/C	2x55W	comp.fl.lamp	2G11	1135x300x140	7,5

Luminaires for indoor sports areas - ceiling

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: white aluminium louvre, reinforced with aluminium rods protecting the lamps from ball bumps

Degree of protection: IP 20

Rated voltage: 230V/50Hz

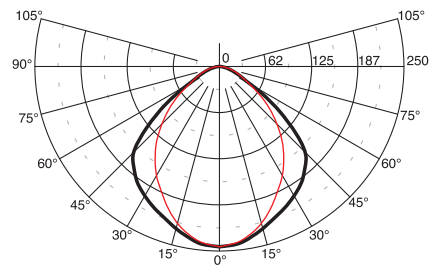
Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: directly on a ceiling

Application:

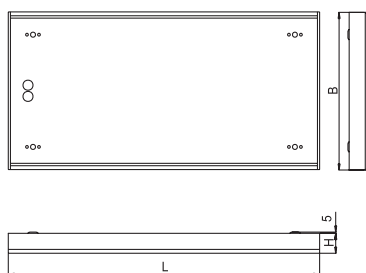
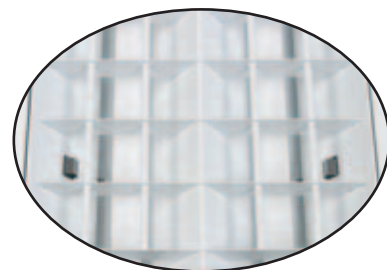
gymnasiums, sporting halls, sport clubs

Shockproof test according to DIN 18032



[1] cd/1000lm — C0 - C180 — C90 - C270

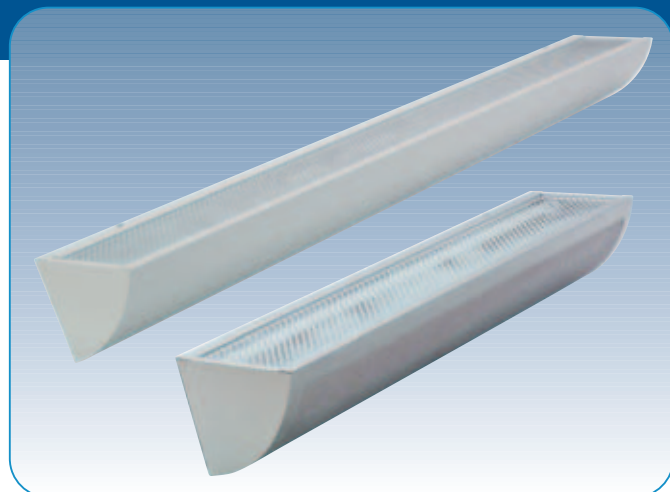
Safety locks protected against drop out of the louvre



Code	Power	Lamp	Cap	LxBxH (mm)	kg
17-013/236/ [1]	2x36W	T8 lamp	G13	1248x336x80	8,5
17-013/258/ [1]	2x58W	T8 lamp	G13	1548x336x80	11,0
17-013/336/ [1]	3x36W	T8 lamp	G13	1248x492x80	12,2
17-013/358/ [1]	3x58W	T8 lamp	G13	1548x492x80	14,1
17-013/436/ [1]	4x36W	T8 lamp	G13	1248x632x80	14,2
17-013/458/ [1]	4x58W	T8 lamp	G13	1548x632x80	18,0

[1] - E (low loss ballast)
- C (electronic ballast)

Wall luminaires - indirect (18-01) - direct/indirect (18-02)



Material:

- body: a steel sheet finished by powder technology varnishing, the upper side is covered by a prismatic cover, the bottom side of the series 18-02 direct/indirect is perforated and it is equipped with a diffusing sheet
- color: white RAL 9003, metallic gray RAL 9006 on request

Degree of protection: IP 40

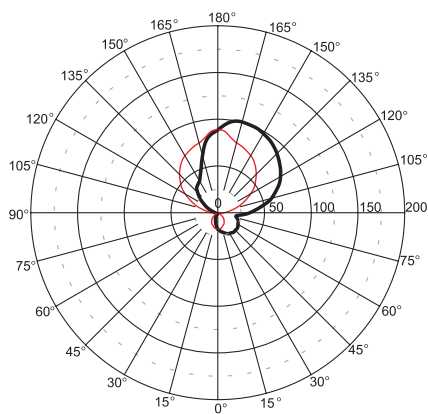
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: built up on a wall

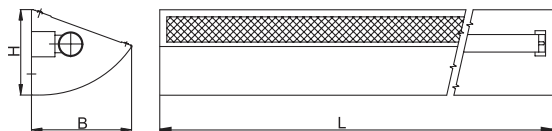
Application:

corridors and stairways, lecture halls, auditoriums, representative rooms



18-023/118

[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
18-013/118/ \square	1x18W	T8 lamp	G13	630x143x122	1,5
18-013/136/ \square	1x36W	T8 lamp	G13	1240x143x122	2,8
18-013/158/ \square	1x58W	T8 lamp	G13	1540x143x122	3,1
18-014/155/ C	1x55W	compact fl. lamp	2G11	630x143x122	1,6
18-014/236/ \square	2x36W	compact fl. lamp	2G11	916x143x122	2,0
18-014/255/ C	2x55W	compact fl. lamp	2G11	1156x143x122	1,9
18-023/118/ \square	1x18W	T8 lamp	G13	630x143x122	1,5
18-023/136/ \square	1x36W	T8 lamp	G13	1240x143x122	2,8
18-023/158/ \square	1x58W	T8 lamp	G13	1540x143x122	3,1
18-024/155/ C	1x55W	compact fl. lamp	2G11	630x143x122	1,5
18-024/236/ \square	2x36W	compact fl. lamp	2G11	916x143x122	2,8
18-024/255/ C	2x55W	compact fl. lamp	2G11	1156x143x122	2,8

\square - E (low loss ballast) - C (electronic ballast)

Wall luminaires - indirect (18-03) - direct/indirect (18-04)

Material:

- body, a steel sheet finished by powder technology varnishing, the upper side is covered by a prismatic cover, the bottom side of the series 18-04 direct/indirect is perforated and it is equipped with a diffusing sheet
- color: white RAL 9003, metallic gray RAL 9006 on request

Degree of protection: IP 40

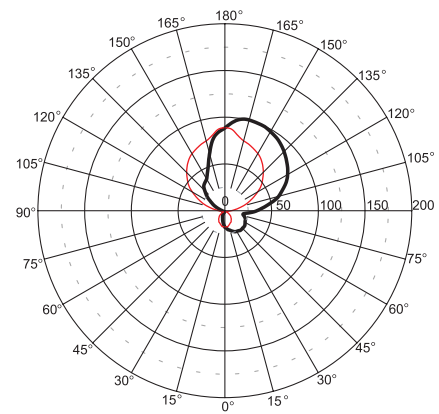
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request

Mounting: built up on a wall

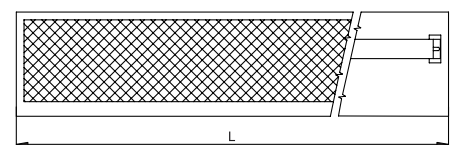
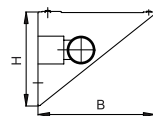
Application:

corridors and stairways, lecture halls, auditoriums, representative rooms



18-043/118

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
18-033/118/ [E]	1x18W	T8 lamp	G13	630x152x122	1,5
18-033/136/ [E]	1x36W	T8 lamp	G13	1240x152x122	2,8
18-033/158/ [E]	1x58W	T8 lamp	G13	1540x152x122	3,1
18-034/155/ C	1x55W	compact fl. lamp	2G11	630x152x122	1,6
18-034/236/ [E]	2x36W	compact fl. lamp	2G11	916x152x122	2,0
18-034/255/ C	2x55W	compact fl. lamp	2G11	1156x152x122	1,9
18-043/118/ [E]	1x18W	T8 lamp	G13	630x152x122	1,5
18-043/136/ [E]	1x36W	T8 lamp	G13	1240x152x122	2,8
18-043/158/ [E]	1x58W	T8 lamp	G13	1540x152x122	3,1
18-044/155/ C	1x55W	compact fl. lamp	2G11	630x152x122	1,5
18-044/236/ [E]	2x36W	compact fl. lamp	2G11	916x152x122	2,8
18-044/255/ C	2x55W	compact fl. lamp	2G11	1156x152x122	2,8

[E] - E (low loss ballast)
- C (electronic ballast)

diago | 73-01, 73-03

Suspended luminaires - separate
 - direct (73-01)
 - direct/indirect (73-03)



Material:

- body: anodized aluminium profile
- louvre: highly polished parabolic louvre made of a pure aluminium sheet
- cover: plastic PMMA opaline sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

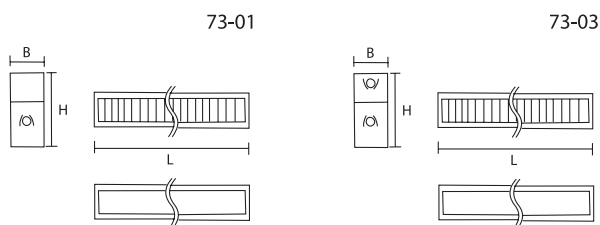
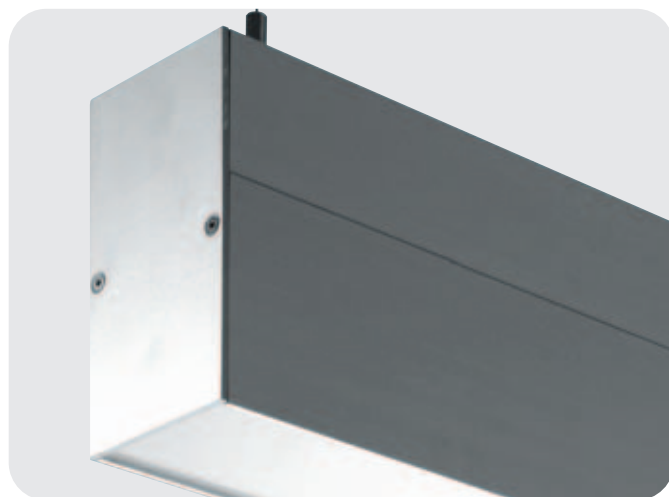
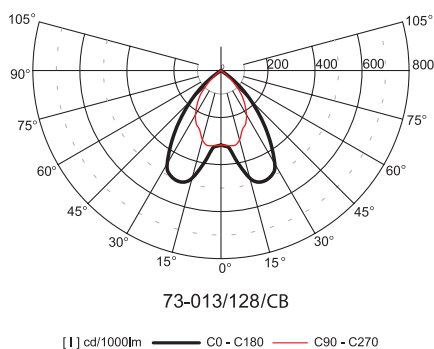
Control gear: electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: suspended on wire pendants

Accessories: the luminaire is supplied with endings, wire pendants 2000 mm, supply cable and ceiling cup cover

Application:

offices, shops, classrooms



Code	Power	Lamp	Cap	LxBxH (mm)	kg
73-013/121/C	1x21W	T5 lamp	G5	926x79x146	5,0
73-013/128/C	1x28W	T5 lamp	G5	1226x79x146	6,0
73-013/135/C	1x35W	T5 lamp	G5	1526x79x146	6,9
73-013/221/C	2x21W	T5 lamp	G5	1846x79x146	7,9
73-013/228/C	2x28W	T5 lamp	G5	2446x79x146	9,8
73-013/235/C	2x35W	T5 lamp	G5	3046x79x146	11,6
73-033/221/C	2x21W	T5 lamp	G5	926x79x146	5,3
73-033/228/C	2x28W	T5 lamp	G5	1226x79x146	6,3
73-033/235/C	2x35W	T5 lamp	G5	1526x79x146	7,2
73-033/421/C	4x21W	T5 lamp	G5	1846x79x146	8,2
73-033/428/C	4x28W	T5 lamp	G5	2446x79x146	10,1
73-033/435/C	4x35W	T5 lamp	G5	3046x79x146	11,9

If requested, luminaires with T5 lamps 54W, 80W can be specially ordered.

- B - (highly polished parabolic louvre)
- Z - (opaline plastic cover)

System suspended luminaires

- direct (73-06)
- direct/indirect (73-07)

Material:

- body: anodized aluminium profile
- louvre: highly polished parabolic louvre made of a pure aluminium sheet
- cover: plastic PMMA opaline sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: elektronick ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: suspended on wire pendants

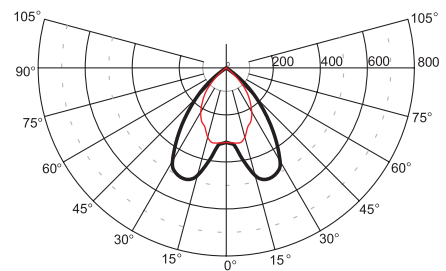
System suspended luminaires are supplied without opening for supply cable, endings, pendants and ceiling cup cover.

On request, luminaire with opening for supply cable 73-Pxx/xxx/xx (for example 73-P63/128/CB)

Accessories: (must be ordered separately) - for accessories see Accessories of the serie 73-063 and 73-073

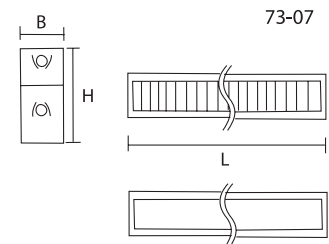
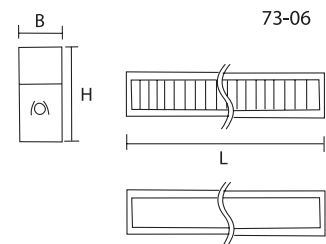
Application:

office, shops, classrooms



73-063/128/CB

[l] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
73-063/121/C [Ⓜ]	1x21W	T5 lamp	G5	920x79x146	4,8
73-063/128/C [Ⓜ]	1x28W	T5 lamp	G5	1220x79x146	5,8
73-063/135/C [Ⓜ]	1x35W	T5 lamp	G5	1520x79x146	6,7
73-063/221/C [Ⓜ]	2x21W	T5 lamp	G5	1840x79x146	7,4
73-063/228/C [Ⓜ]	2x28W	T5 lamp	G5	2440x79x146	9,6
73-063/235/C [Ⓜ]	2x35W	T5 lamp	G5	3040x79x146	11,4
73-073/221/C [Ⓜ]	2x21W	T5 lamp	G5	920x79x146	5,1
73-073/228/C [Ⓜ]	2x28W	T5 lamp	G5	1220x79x146	6,1
73-073/235/C [Ⓜ]	2x35W	T5 lamp	G5	1520x79x146	7,0
73-073/421/C [Ⓜ]	4x21W	T5 lamp	G5	1840x79x146	8,0
73-073/428/C [Ⓜ]	4x28W	T5 lamp	G5	2440x79x146	9,9
73-073/435/C [Ⓜ]	4x35W	T5 lamp	G5	3040x79x146	11,7

[Ⓜ] - B - (highly polished parabolic louvre)
- Z - (opaline plastic cover)

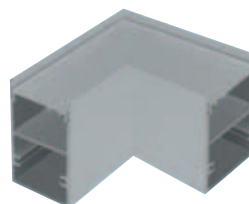
diago | 73-063, 73-073

Accessories of the series:

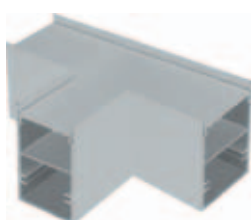
- 99-723 - direct joint, package 4pcs
- 99-727 - ending for system luminaires
- 99-728 - wire pendant 2000 mm - 1pc



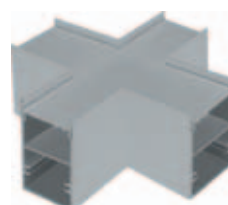
99-722 Full body 1000 mm



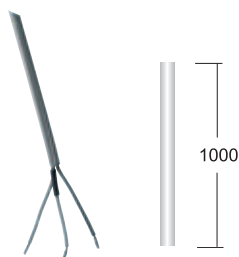
99-724 Joint L



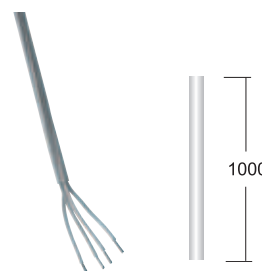
99-725 Joint T



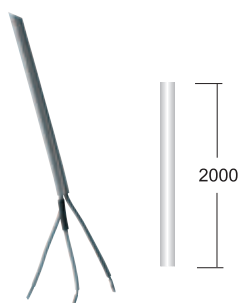
99-726 Joint X



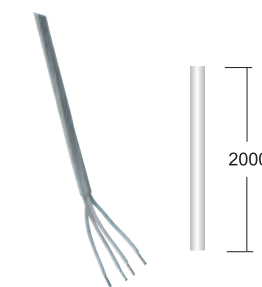
99-729 Transparent cable 3 x 0,75 mm



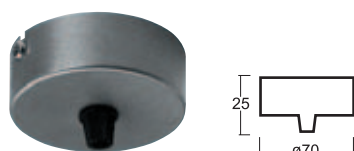
99-730 Transparent cable 4 x 0,75 mm



99-731 Transparent cable 3 x 0,75 mm



99-732 Transparent cable 4 x 0,75 mm



99-733 Ceiling cup cover



99-734 Ceiling cup cover

Suspended luminaires - separate - direct

Material:

- body: anodized aluminium profile
- louvre: highly polished parabolic louvre made of a pure aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

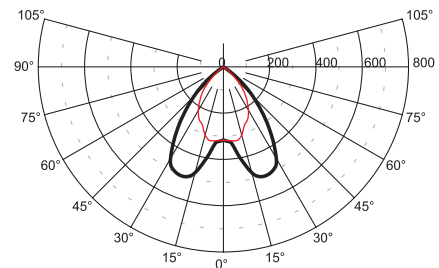
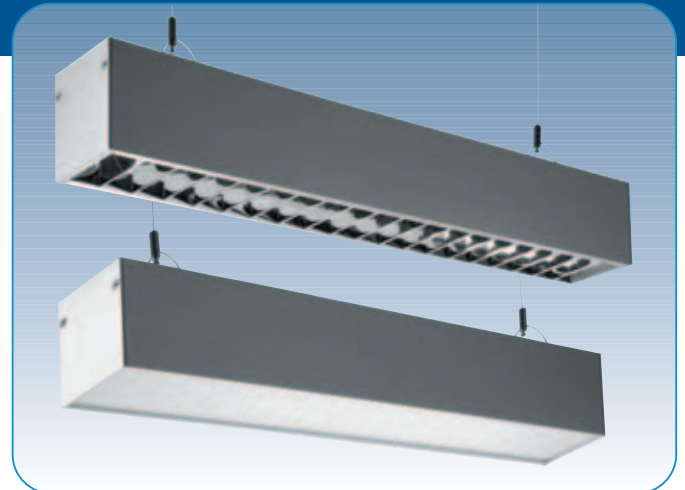
Mounting: suspended on wire pendants

Accessories:

the luminaire is supplied with endings, wire pendants 2000 mm, supply cable and ceiling cup cover

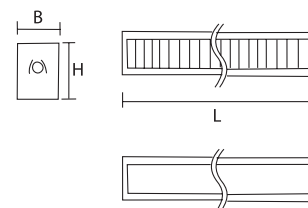
Application:

offices, shops, classrooms



73-053/135/CB

[1] cd/1000lm — C0 - C180 — C90 - C270



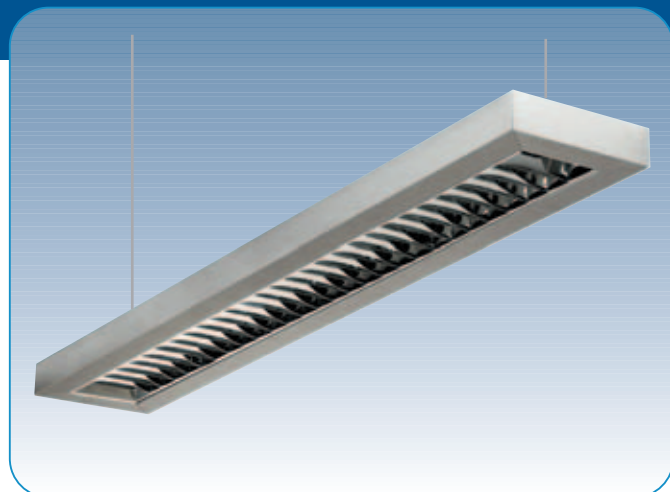
Code	Power	Lamp	Cap	LxBxH (mm)	kg
73-053/121/C ^[2]	1x21W	T5 lamp	G5	926x79x90	3,7
73-053/128/C ^[2]	1x28W	T5 lamp	G5	1226x79x90	4,0
73-053/135/C ^[2]	1x35W	T5 lamp	G5	1526x79x90	4,6
73-053/221/C ^[2]	2x21W	T5 lamp	G5	1846x79x90	7,0
73-053/228/C ^[2]	2x28W	T5 lamp	G5	2446x79x90	7,3
73-053/235/C ^[2]	2x35W	T5 lamp	G5	3046x79x90	7,8

If requested, luminaires with T5 lamps 54W, 80W can be specially ordered.

- ^[2] - B - (highly polished parabolic louvre)
- Z - (opaline plastic cover)

carina | 74-01, 74-03

Suspended luminaires - direct (74-01) - direct/indirect (74-03)



Material:

- body: anodized aluminium profile
- louvre: highly polished louvre made of a pure aluminium sheet

Degree of protection: IP 20

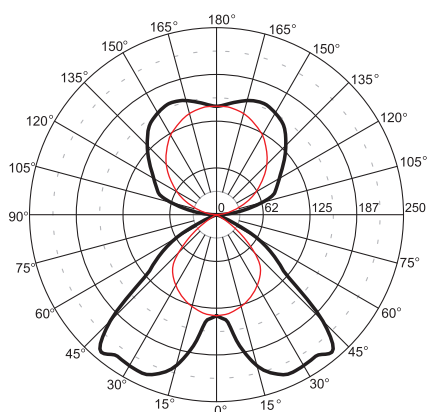
Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: suspended on wire pendants

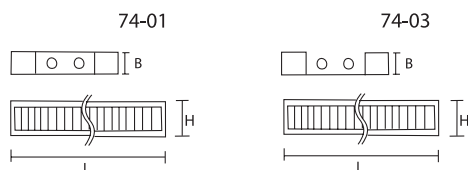
Accessories: the luminaire is supplied with wire pendants 2000 mm, supply cable and ceiling cup cover

Application: offices, shops, classrooms



74-033/228

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
74-013/221/CB	2x21W	T5 lamp	G5	934x50x195	3,9
74-013/228/CB	2x28W	T5 lamp	G5	1234x50x195	4,9
74-013/235/CB	2x35W	T5 lamp	G5	1534x50x195	5,5
74-033/221/CB	2x21W	T5 lamp	G5	934x50x195	3,8
74-033/228/CB	2x28W	T5 lamp	G5	1234x50x195	4,8
74-033/235/CB	2x35W	T5 lamp	G5	1534x50x195	5,4

If requested, luminaires with T5 lamps 54W, 80W can be specially ordered.

Suspended luminaires - direct (75-01) - direct/indirect (75-03)

Material:

- body: anodized aluminium profile
- louvre: highly polished parabolic louvre made of a pure aluminium sheet
- cover: plastic PMMA opaline sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

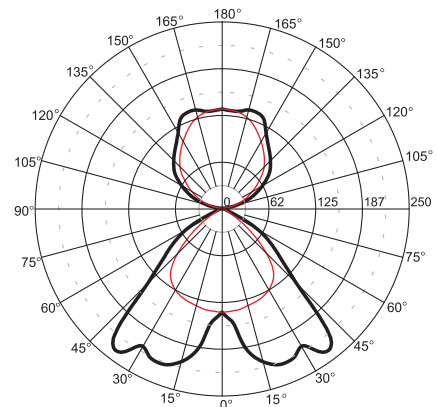
Control gear: electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: suspended on wire pendants

Accessories: the luminaire is supplied with endings, wire pendants 2000 mm, supply cable and ceiling cup cover

Application:

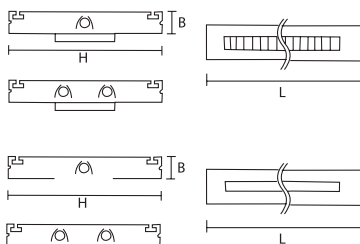
offices, shops, classrooms



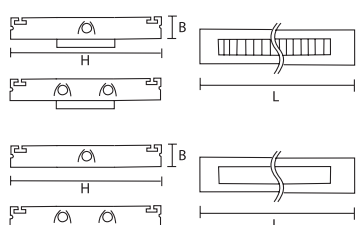
75-033/228/CB

[1] cd/1000lm — C0 - C180 — C90 - C270

75-01



75-03



Code	Power	Lamp	Cap	LxBxH (mm)	kg
75-013/121/C \square	1x21W	T5 lamp	G5	1020x36x230	4,5
75-013/128/C \square	1x28W	T5 lamp	G5	1320x36x230	5,4
75-013/135/C \square	1x35W	T5 lamp	G5	1620x36x230	6,3
75-013/221/C \square	2x21W	T5 lamp	G5	1020x36x230	4,8
75-013/228/C \square	2x28W	T5 lamp	G5	1320x36x230	5,7
75-013/235/C \square	2x35W	T5 lamp	G5	1620x36x230	6,6
75-033/121/C \square	1x21W	T5 lamp	G5	1020x36x230	4,1
75-033/128/C \square	1x28W	T5 lamp	G5	1320x36x230	5,2
75-033/135/C \square	1x35W	T5 lamp	G5	1620x36x230	6,3
75-033/221/C \square	2x21W	T5 lamp	G5	1020x36x230	4,4
75-033/228/C \square	2x28W	T5 lamp	G5	1320x36x230	5,5
75-033/235/C \square	2x35W	T5 lamp	G5	1620x36x230	6,6

If requested, luminaires with T5 lamps 54W, 80W can be specially ordered.

- \square - B - (highly polished parabolic louvre)
- Z - (opaline plastic cover)

Ceiling luminaires IP65



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- cover: prismatic

Degree of protection: IP 65

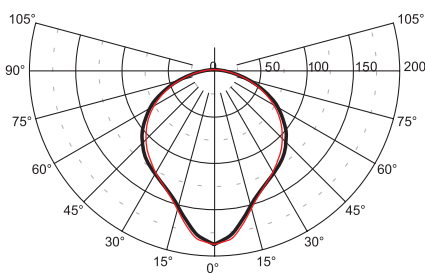
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: built-up on a ceiling

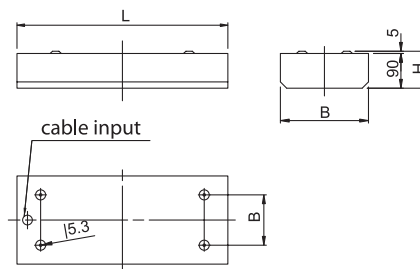
Application:

hospitals, laboratories, areas with high humidity and dustiness, areas demanding high hygienic standards



36-063/236/CX

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
36-063/236/□X	2x36W	T8 lamp	G13	1292x381x95	6,0
36-063/258/□X	2x58W	T8 lamp	G13	1592x381x95	7,7
36-064/236/□X	2x36W	compact fl. lamp	2G11	482x414x95	6,0
36-064/255/CX	2x55W	compact fl. lamp	2G11	604x414x95	6,5
36-064/336/□X	3x36W	compact fl. lamp	2G11	482x565x95	6,7
36-064/355/CX	3x55W	compact fl. lamp	2G11	604x565x95	7,5

□ - E (low loss ballast) - C (electronic ballast)

Ceiling luminaires IP65

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished parabolic louvre
- cover: safety hardened glass

Degree of protection: IP 65

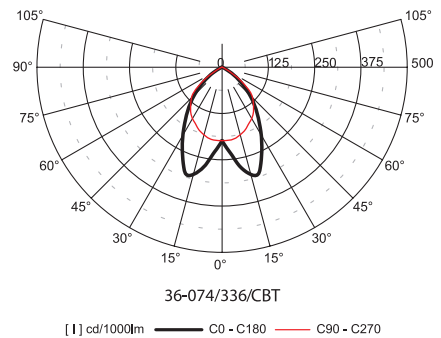
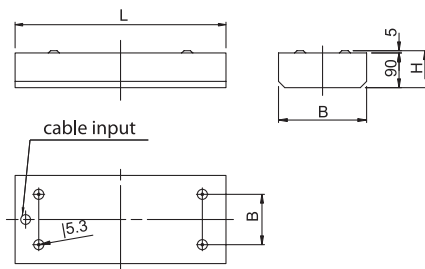
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: built-up on a ceiling

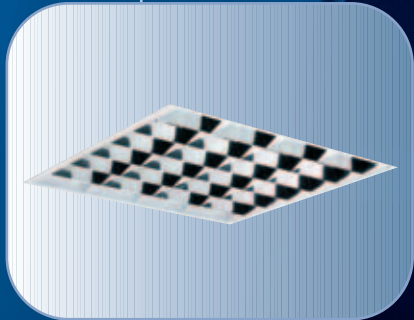
Application:

hospitals, laboratories, areas with high humidity and dustiness, areas demanding high hygienic standards



Code	Power	Lamp	Cap	LxBxH (mm)	kg
36-073/236/□BT	2x36W	T8 lamp	G13	1292x381x95	10,7
36-073/258/□BT	2x58W	T8 lamp	G13	1592x381x95	12,9
36-074/236/□BT	2x36W	compact fl. lamp	2G11	482x414x95	6,2
36-074/255/CBT	2x55W	compact fl. lamp	2G11	604x414x95	6,6
36-074/336/□BT	3x36W	compact fl. lamp	2G11	482x565x95	6,9
36-074/355/CBT	3x55W	compact fl. lamp	2G11	604x565x95	7,8

□ - E (low loss ballast) - C (electronic ballast)



Recessed luminaires



Recessed luminaires T5 lamps

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished louvre made of a pure aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, the luminaire is offered also in emergency version

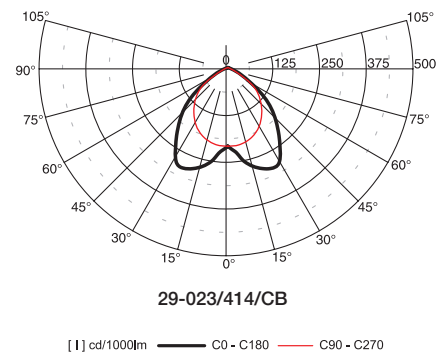
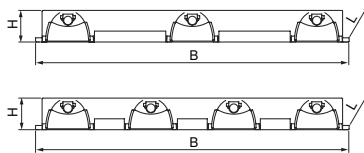
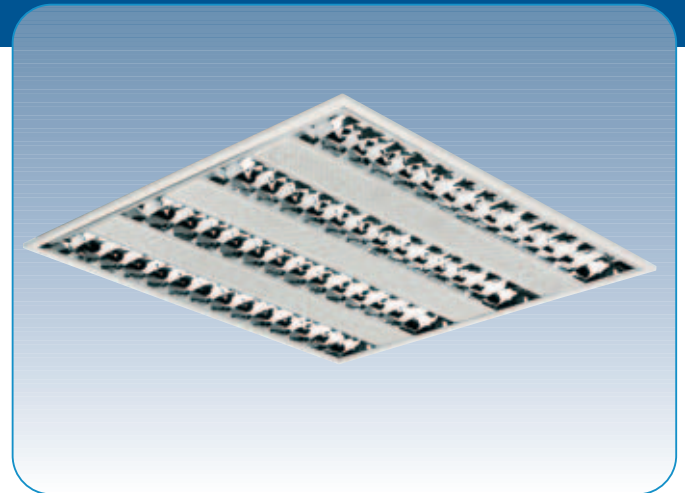
Mounting:

29-02 - ceiling system M600 – inlay mounting

29-03 - ceiling modules M610 – mounting in plaster ceiling
(holders for 29-03 are components of the luminaire)

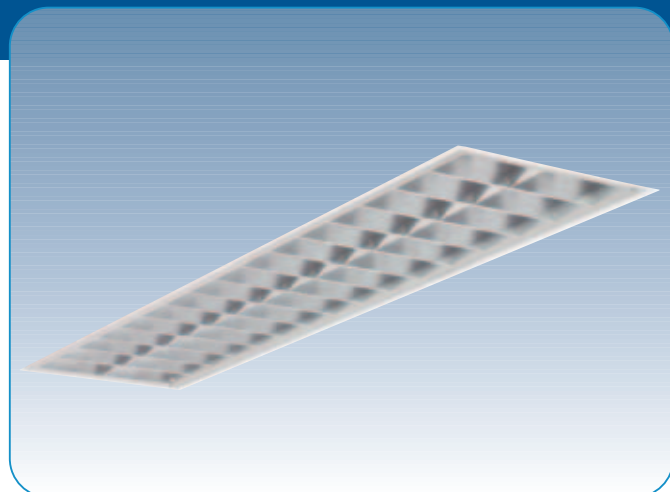
Application:

representative offices, corridors, lecture halls, stores



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Module	Hole cut out (mm)	kg
29-023/314/CB	3x14W	B	T5 lamp	G5	595x595x53	M600	-	4,3
29-023/414/CB	4x14W	B	T5 lamp	G5	595x595x53	M600	-	4,3
29-033/314/CB	3x14W	B	T5 lamp	G5	605x605x53	M610	580x580	4,3
29-033/414/CB	4x14W	B	T5 lamp	G5	605x605x53	M610	580x580	4,3

Recessed luminaires - inlay mounting



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white (RAL 9003)
- louvre: highly polished or matted double parabolic louvre made of an aluminium sheet; polished or matted Christmas tree louvre; white louvre
- diffuser: a prismatic cover, an opaline cover

Degree of protection: IP 20

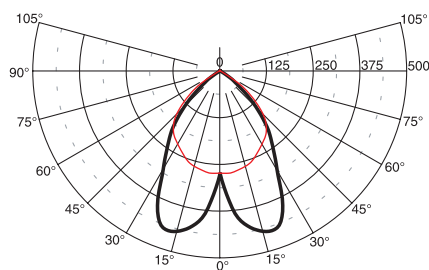
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: ceiling modules M 600 - inlay mounting

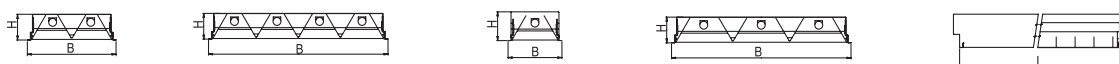
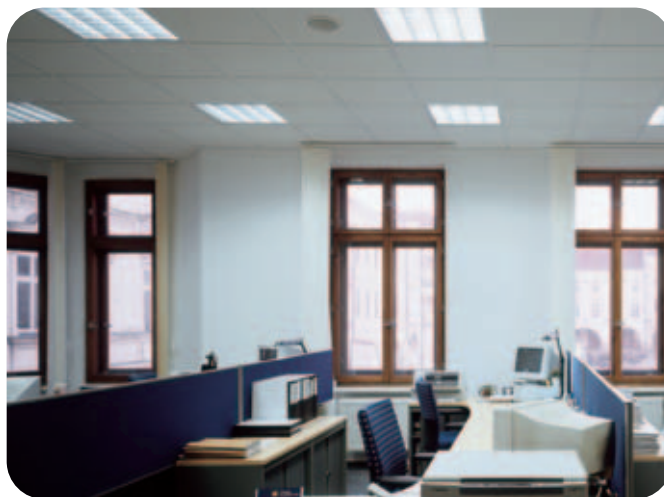
Application:

representative offices, conference and lecture halls, department stores, boutiques, corridors



30-023/418/EB

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Module	kg
30-023/118/[1][2]	1x18W	A,B,C,D,J,X,Z	T8 lamp	G13	593x178x95	M600	2,2
30-023/136/[1][2]	1x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1193x178x95	M600	3,6
30-023/158/[1][2]	1x58W	A,B,C,D,J,X,Z	T8 lamp	G13	1493x178x95	M600	5,1
30-023/218/[1][2]	2x18W	A,B,C,D,J,X,Z	T8 lamp	G13	593x293x85	M600	3,2
30-023/236/[1][2]	2x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1193x293x85	M600	5,7
30-023/258/[1][2]	2x58W	A,B,C,D,J,X,Z	T8 lamp	G13	1493x293x85	M600	9,2
30-023/318/[1][2]	3x18W	A,B,C,D,J,X,Z	T8 lamp	G13	593x593x85	M600	4,6
30-023/336/[1][2]	3x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1193x593x85	M600	9,5
30-023/418/[1][2]	4x18W	A,B,C,D,J,X,Z	T8 lamp	G13	593x593x85	M600	5,4
30-023/436/[1][2]	4x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1193x593x85	M600	12,5

- [1] - E (low loss ballast)
 - C (electronic ballast)
 - F (electronic ballast Beghelli - only for 4x18W luminaires)

- [2] - A (white louvre)
 - B (highly polished parabolic louvre, 60°)
 - C (matted parabolic louvre, 60°)
 - D (polished Christmas tree louvre)

- J (matted Christmas tree louvre)
 - X (prismatic cover)
 - Z (opaline cover)

Recessed luminaires - universal mounting

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white (RAL 9003)
- louvre: highly polished or matted double parabolic louvre made of an aluminium sheet; polished or matted Christmas tree louvre; white louvre
- diffuser: a prismatic cover, an opaline cover

Degree of protection: IP 20

Rated voltage: 230V/50Hz

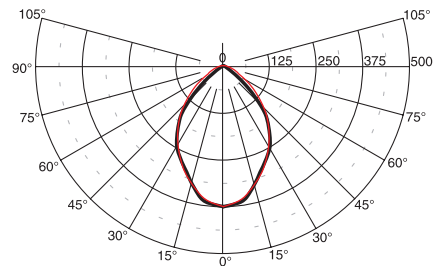
Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: universal mounting in ceiling systems M625, in plaster ceilings, in ALU-panel ceilings (only for one-lamp luminaires)

Accessories: (must be ordered separately)
steel holders (4pcs for one luminaire needed)
99-294 in ALU-panel ceilings (4pcs)
99-298 in ceiling systems (4pcs)
99-299 in plaster ceilings (4pcs)

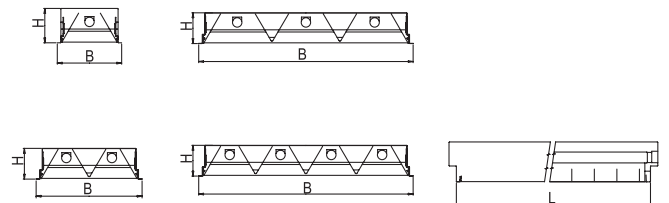
Application:

representative offices, conference and lecture halls, department stores, corridors



30-033/418/CD

[] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Module	Hole cut out (mm)	kg
30-033/118/[1][2]	1x18W	A,B,C,D,J,X,Z	T8 lamp	G13	623x211x90	M625	580x158	2,5
30-033/136/[1][2]	1x36W	A,B,C,D,I,J,X,Z	T8 lamp	G13	1246x211x90	M625	1175x158	3,6
30-033/158/[1][2]	1x58W	A,B,C,D,I,J,X,Z	T8 lamp	G13	1546x211x90	M625	1475x158	5,1
30-033/218/[1][2]	2x18W	A,B,C,D,J,X,Z	T8 lamp	G13	623x311x90	M625	580x275	3,3
30-033/236/[1][2]	2x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1246x311x90	M625	1175x275	6,0
30-033/258/[1][2]	2x58W	A,B,C,D,J,X,Z	T8 lamp	G13	1546x311x90	M625	1475x275	9,2
30-033/318/[1][2]	3x18W	A,B,C,D,J,X,Z	T8 lamp	G13	623x622x90	M625	580x580	4,9
30-033/336/[1][2]	3x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1246x622x90	M625	1175x580	9,8
30-033/418/[1][2]	4x18W	A,B,C,D,J,X,Z	T8 lamp	G13	623x622x90	M625	580x580	5,7
30-033/436/[1][2]	4x36W	A,B,C,D,J,X,Z	T8 lamp	G13	1246x622x90	M625	1175x580	12,5

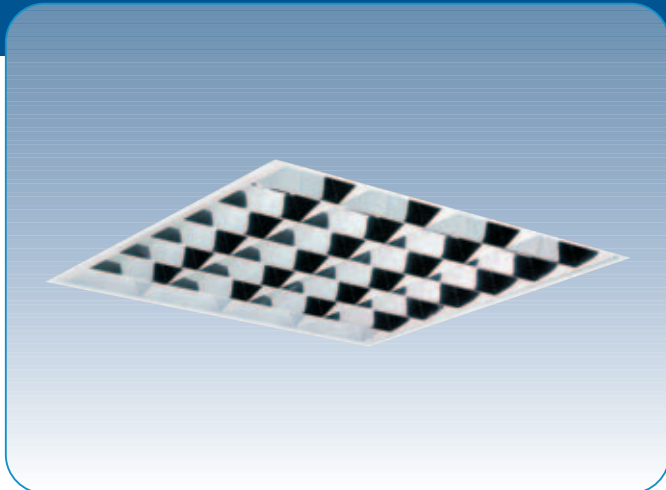
[1] - E (low loss ballast)
- C (electronic ballast)

[2] - A (white louvre)
- B (highly polished parabolic louvre, 60°)
- C (matted parabolic louvre, 60°)
- D (polished Christmas tree louvre)

- I (highly polished asymmetric reflector, only for one lamp luminaires 36W, 58W)
- J (matted Christmas tree louvre)
- X (prismatic cover) - Z (opaline cover)

virgo | 30-05, 30-09, 30-65

Recessed luminaires



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished double parabolic louvre; polished Christmas tree louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

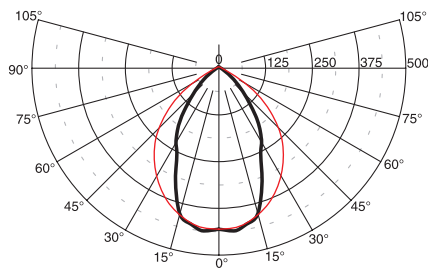
Control gear: low loss ballast or electronic ballast

Mounting:

- 30-053: ceiling modules M 600 - inlay mounting
- 30-093: ceiling modules M 625 - universal mounting, mounting in plaster ceilings (set of 4pcs universal holders 99-285 is supplied with luminaire)
- 30-653: ceiling modules M 610 - inlay mounting

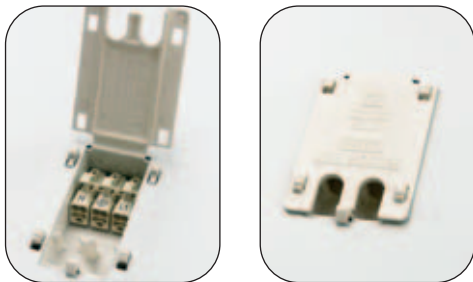
Application:

representative offices, conference and lecture halls, department stores, boutiques, corridors



30-053/418/CBL

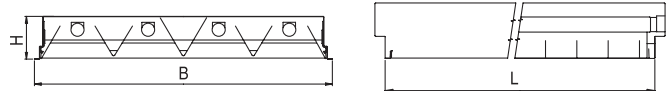
[1] cd/1000lm — C0 - C180 — C90 - C270



30-T53 – the luminaire is equipped by Isodom connector

30-V53 – the luminaire is equipped by 3-pole connector Wieland

30-W53 – the luminaire is equipped by 5-pole connector Wieland



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Module	kg
30-053/418/[1][2]	4x18W	BL,DL	T8 lamp	G13	593x593x77	M600	5,4
30-093/418/[1][2]	4x18W	BL,DL	T8 lamp	G13	622x622x90	M625	5,4
30-653/418/[1][2]	4x18W	BL,DL	T8 lamp	G13	605x605x77	M610	5,4

[1] - E (low loss ballast)
- C (electronic ballast)

[2] - BL (highly polished parabolic louvre, lower quantity of lamellae)
- DL (polished Christmas tree louvre, lower quantity of lamellae)

Recessed luminaires - compact fluorescent lamps

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: a highly polished or matted parabolic louvre made of an aluminium sheet, polished or matted Christmas tree louvre
- diffuser: a prismatic cover

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request

Mounting:

- ceiling modules M600 - inlay mounting (31-02)
- ceiling modules M625 - universal mounting (31-03)
- plaster ceilings (31-03)

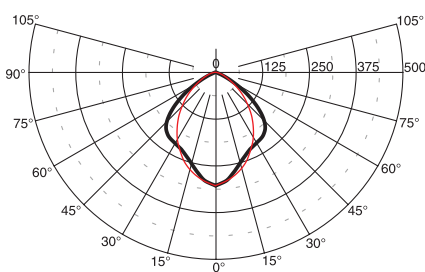
Accessories: (must be ordered separately)

(four pieces for one luminaire needed)

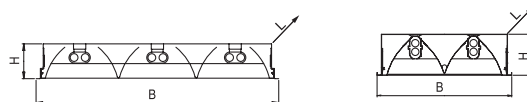
- holders for mounting in panel ceiling 99-298 (4pcs)
- holders for mounting in plaster ceiling 99-299 (4pcs)

Application:

representative offices, conference and lecture halls, computer labs, department stores, boutiques, corridors



31-024/236/ED
[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Module	Hole cut out (mm)	kg
31-024/236/1 2	2x36W	B,C,D,J,X	comp. fl. lamp	2G11	593x293x85	M600	-	3,5
31-024/255/C 2	2x55W	B,C,D,J,X	comp. fl. lamp	2G11	593x293x85	M600	-	3,0
31-024/336/1 2	3x36W	B,C,D,J,X	comp. fl. lamp	2G11	593x593x85	M600	-	6,6
31-024/355/C 2	3x55W	B,C,D,J,X	comp. fl. lamp	2G11	593x593x85	M600	-	6,0
31-034/218/1 2	2x18W	B,C,D,J,X	comp. fl. lamp	2G11	312x312x95	M625	295x295	3,1
31-034/236/1 2	2x36W	B,C,D,J,X	comp. fl. lamp	2G11	623x312x90	M625	575x275	3,5
31-034/255/C 2	2x55W	B,C,D,J,X	comp. fl. lamp	2G11	623x312x90	M625	575x275	3,0
31-034/336/1 2	3x36W	B,C,D,J,X	comp. fl. lamp	2G11	623x622x90	M625	575x575	6,6
31-034/355/C 2	3x55W	B,C,D,J,X	comp. fl. lamp	2G11	623x622x90	M625	575x575	6,0

1 - E (low loss ballast) - C (electronic ballast)

2 - B (highly polished parabolic louvre, 60°)

- C (matted parabolic louvre, 60°)

- D (polished Christmas tree louvre)

- J (matted Christmas tree louvre)

- X (prismatic cover)

Recessed luminaires - compact fluorescent lamps



Material:

- body: the cover framework is made of a steel sheet finished by powder technology varnishing; the lamp box is made of self-extinguishing, UV stabilized polycarbonate
- color: white RAL 9003
- louvre: highly polished or matted parabolic louvre made of an aluminium sheet; matted Christmas tree louvre (only for 2x36W)
- reflector: injection-molded, self-extinguishing, UV stabilized polycarbonate; the high reflection rate was achieved by vacuum coated aluminium which together with the parabolic shape guarantees optimal distribution of the luminous flux

Degree of protection: IP 20

Rated voltage: 230V/50Hz

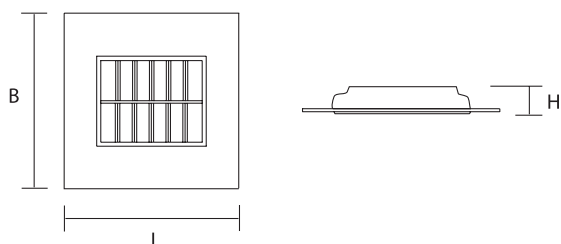
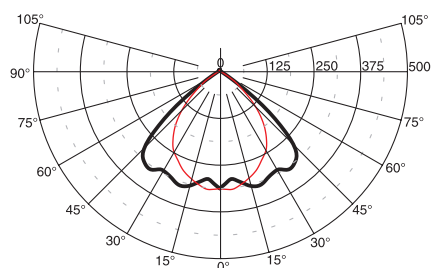
Control gear: electronic ballast, dimmable ballast on request

Mounting:

- ceiling systems M600 - inlay mounting (31-04)
- ceiling systems M625 - inlay mounting (31-05)

Application:

representative offices, conference and lecture halls, computer labs, department stores, boutiques, corridors



Code	Power	Louvre	Lamp	Cap	BxH (mm)	Module	kg
31-044/224/F ²	2x24W	B, C	comp. fl. lamp	2G11	596x596x120	M600	4,2
31-044/236/F ²	2x36W	B, C, J	comp. fl. lamp	2G11	596x596x110	M600	4,2
31-054/224/F ²	2x24W	B, C	comp. fl. lamp	2G11	622x622x120	M625	4,8
31-054/236/F ²	2x36W	B, C, J	comp. fl. lamp	2G11	622x622x110	M625	4,8

² - B (highly polished parabolic louvre, 60°)
 - C (matted parabolic louvre, 60°)
 - J (matted Christmas tree louvre)

Recessed luminaires - compact fluorescent lamps

Material:

- body: the cover framework is made of a steel sheet finished by powder technology varnishing; the gear box part is made of galvanized steel sheet
- color: white RAL 9003
- louvre: highly polished parabolic louvre made of an aluminium sheet; polished Christmas tree louvre
- reflector: made of pure aluminium sheet which guarantees high efficiency of the luminaire

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast with parallel compensation, electronic ballast, dimmable ballast on request

Mounting:

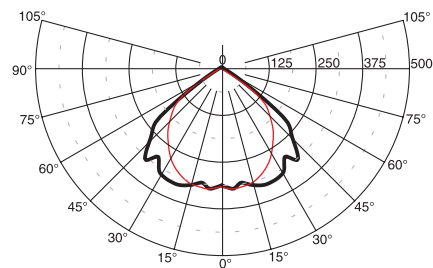
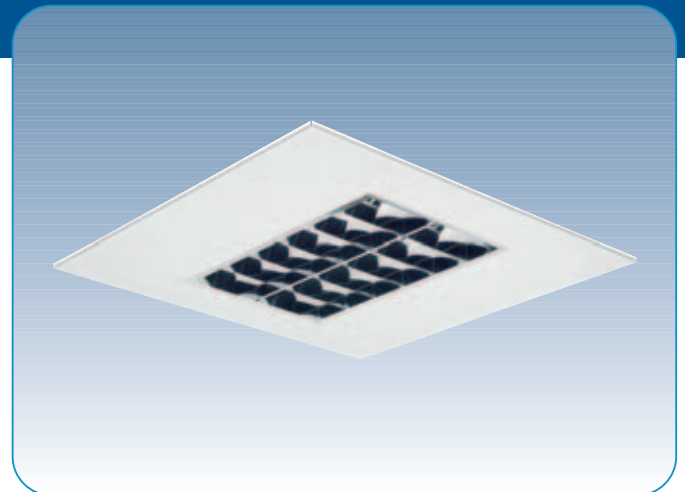
- ceiling systems M600 - inlay mounting
- ceiling systems M600 - below mounting (see Accessories)
- plaster ceilings (see Accessories)

Accessories: (must be ordered separately)

- 99-291 a set of holders for the below mounting in ceiling systems M600
- 99-292 a set of holders for the mounting in plaster ceilings

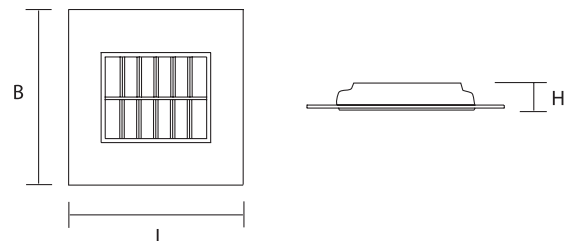
Application:

representative offices, conference and lecture halls, computer labs, department stores, boutiques, corridors



31-064/236/CB

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Module	kg
31-064/236/[1][2]	2x36W	B, D	comp. fl. lamp	2G11	596x596x100	M600	5,0
31-964/236/[1][2]	2x36W	B, D	comp. fl. lamp	2G11	596x596x100	M600	5,3

[1] - E (low loss ballast)
- C (electronic ballast)

[2] - B (highly polished parabolic louvre)
- D (polished Christmas tree louvre)

The luminaires 31-96 are supplied with lamps.

lyra | 32-02, 32-03, 32-04, 32-05



Recessed luminaires - T5 lamps

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet MIRO, polished or matted Christmas tree louvre

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting:

- ceiling systems M600 - universal mounting (32-02, 32-04)
- ceiling systems M625 - universal mounting (32-03, 32-05)
- mounting in plaster ceilings

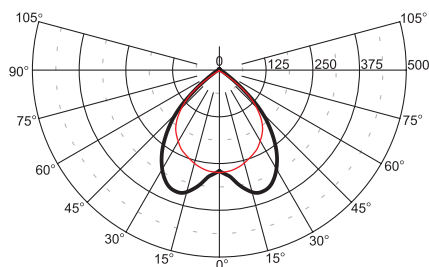
Accessories: (must be ordered separately)

(four pieces for one luminaire needed)

- holders for mounting in panel ceiling systems 99-298 (4pcs)
- holders for mounting in plaster ceilings 99-299 (4pcs)

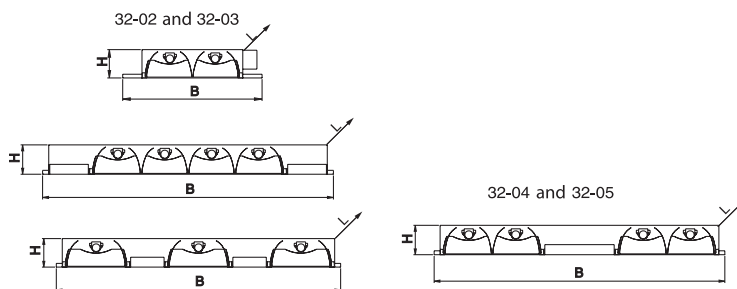
Application:

computer labs, large and small offices, lecture halls, stairways and halls



32-023/414/CC

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Hole cut out (mm)	Module	kg
32-023/214/C [2]	2x14W	B, C, D, J	T5 lamp	G5	595x295x60	575x218	M 600	3,0
32-023/228/C [2]	2x28W	B, C, D, J	T5 lamp	G5	1195x295x60	1175x218	M 600	5,8
32-023/314/C [2]	3x14W	B, C, D, J	T5 lamp	G5	595x595x60	575x575	M 600	5,0
32-023/328/C [2]	3x28W	B, C, D, J	T5 lamp	G5	1195x595x60	1175x575	M 600	8,5
32-023/414/C [2]	4x14W	B, C, D, J	T5 lamp	G5	595x595x60	575x575	M 600	5,0
32-023/428/C [2]	4x28W	B, C, D, J	T5 lamp	G5	1195x595x60	1175x575	M 600	8,5
32-033/214/C [2]	2x14W	B, C, D, J	T5 lamp	G5	620x308x60	575x218	M 625	3,0
32-033/228/C [2]	2x28W	B, C, D, J	T5 lamp	G5	1245x308x60	1175x218	M 625	5,8
32-033/314/C [2]	3x14W	B, C, D, J	T5 lamp	G5	620x620x60	575x575	M 625	5,0
32-033/328/C [2]	3x28W	B, C, D, J	T5 lamp	G5	1245x620x60	1175x575	M 625	8,5
32-033/414/C [2]	4x14W	B, C, D, J	T5 lamp	G5	620x620x60	575x575	M 625	5,0
32-033/428/C [2]	4x28W	B, C, D, J	T5 lamp	G5	1245x620x60	1175x575	M 625	8,5
32-043/414/C [2]	4x14W	B, C, D, J	T5 lamp	G5	595x595x60	575x575	M 600	5,0
32-043/428/C [2]	4x28W	B, C, D, J	T5 lamp	G5	1195x595x60	1175x575	M 600	8,5
32-053/414/C [2]	4x14W	B, C, D, J	T5 lamp	G5	620x620x60	575x575	M 625	5,0
32-053/428/C [2]	4x28W	B, C, D, J	T5 lamp	G5	1245x620x60	1175x575	M 625	8,5

If requested, luminaires with T5 lamps 24W, 54W can be specially ordered.

- [2] - B (highly polished parabolic louvre, 60°)
- C (matted parabolic louvre, 60°)
- D (highly polished Christmas tree louvre)
- J (matted Christmas tree louvre)

Recessed luminaires - T5 lamps - color stripes

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003, metallic gray RAL 9006 on request
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet MIRO, polished or matted Christmas tree louvre
- cover: color stripes made of PMMA with foil white perforated stripe made of steel sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request; the luminaires are offer also in emergency version

Mounting:

- in ceiling systems M600 - universal mounting (32-02, 32-04)
- in ceiling systems M625 - universal mounting (32-03, 32-05)
- mounting in plaster ceilings

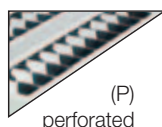
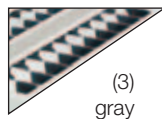
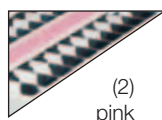
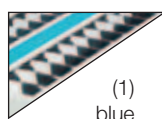
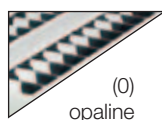
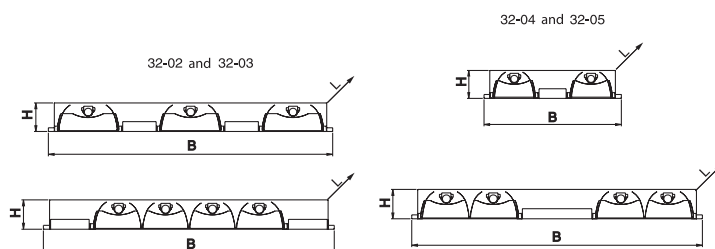
Accessories: (must be ordered separately)

(four pieces for one luminaire needed)

- holders for mounting in panel ceiling systems 99-298 (4pcs)
- holders for mounting in plaster ceilings 99-299 (4pcs)

Application:

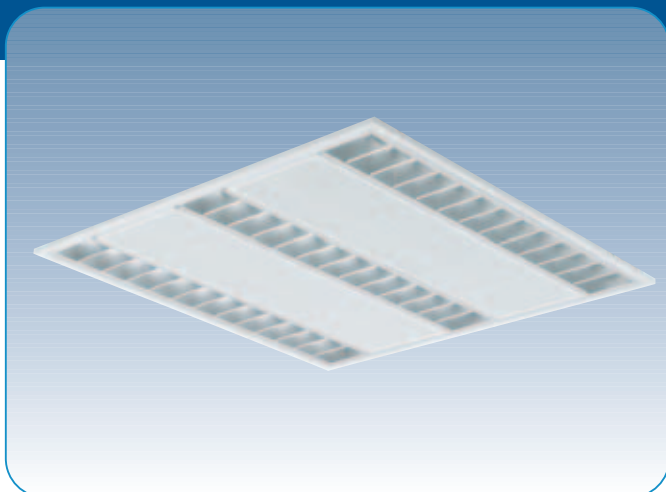
computer labs, large and small offices, lecture halls, stairways and halls



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Hole cut out (mm)	Module	kg
32-023/314/C [2]-[4]	3x14W	B,C,D,J	T5 lamp	G5	595x595x60	575x575	M 600	5,0
32-023/328/C [2]-[4]	3x28W	B,C,D,J	T5 lamp	G5	1195x595x60	1175x575	M 600	8,5
32-023/414/C [2]-[4]	4x14W	B,C,D,J	T5 lamp	G5	595x595x60	575x575	M 600	5,0
32-023/428/C [2]-[4]	4x28W	B,C,D,J	T5 lamp	G5	1195x595x60	1175x575	M 600	8,5
32-033/314/C [2]-[4]	3x14W	B,C,D,J	T5 lamp	G5	620x620x60	575x575	M 625	5,0
32-033/328/C [2]-[4]	3x28W	B,C,D,J	T5 lamp	G5	1245x620x60	1175x575	M 625	8,5
32-033/414/C [2]-[4]	4x14W	B,C,D,J	T5 lamp	G5	620x620x60	575x575	M 625	5,0
32-033/428/C [2]-[4]	4x28W	B,C,D,J	T5 lamp	G5	1245x620x60	1175x575	M 625	8,5
32-043/214/C [2]-[4]	2x14W	B,C,D,J	T5 lamp	G5	595x295x60	575x275	M 600	3,0
32-043/228/C [2]-[4]	2x28W	B,C,D,J	T5 lamp	G5	1195x295x60	1175x275	M 600	5,8
32-043/414/C [2]-[4]	4x14W	B,C,D,J	T5 lamp	G5	595x595x60	575x575	M 600	5,0
32-043/428/C [2]-[4]	4x28W	B,C,D,J	T5 lamp	G5	1195x595x60	1175x575	M 600	8,5
32-053/214/C [2]-[4]	2x14W	B,C,D,J	T5 lamp	G5	620x308x60	575x275	M 625	3,0
32-053/228/C [2]-[4]	2x28W	B,C,D,J	T5 lamp	G5	1245x308x60	1175x275	M 625	5,8
32-053/414/C [2]-[4]	4x14W	B,C,D,J	T5 lamp	G5	620x620x60	575x575	M 625	5,0
32-053/428/C [2]-[4]	4x28W	B,C,D,J	T5 lamp	G5	1245x620x60	1175x575	M 625	8,5

If requested, luminaires with T5 lamps 24W, 54W can be specially ordered.

- [2] - B (highly polished parabolic louvre, 60°) - C (matted parabolic louvre, 60°)
- D (highly polished Christmas tree louvre) - J (matted Christmas tree louvre)
- [4] - colored stripes (0-opaline, 1-blue, 2-pink, 3-gray)
- white perforated stripe (P)



Recessed luminaires - T5 lamps

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet MIRO

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting:

- ceiling systems M600 - universal mounting (32-06)
- ceiling systems M625 - universal mounting (32-07)
- mounting in plaster ceilings (32-07)

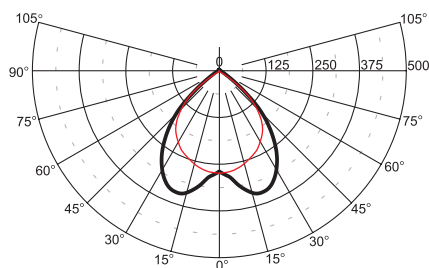
Accessories: (must be ordered separately)

(four pieces for one luminaire needed)

- holders for mounting in panel ceiling systems 99-298 (4pcs)
- holders for mounting in plaster ceilings 99-299 (4pcs)

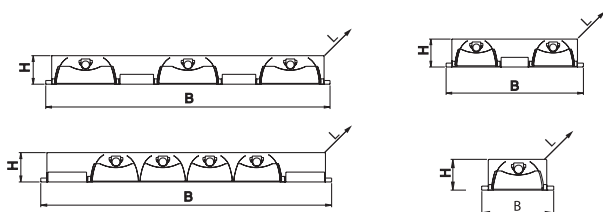
Application:

computer labs, large and small offices, lecture halls, stairways and halls



32-063/414/CC

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Hole cut out (mm)	Module	kg
32-063/128/C ²	1x28W	B, C	T5 lamp	G5	1195x135x60	1175x120	M 600	4,1
32-063/228/C ²	2x28W	B, C	T5 lamp	G5	1195x295x60	1175x218	M 600	5,8
32-063/314/C ²	3x14W	B, C	T5 lamp	G5	595x595x60	575x575	M 600	5,0
32-063/414/C ²	4x14W	B, C	T5 lamp	G5	595x595x60	575x575	M 600	5,0
32-073/128/C ²	1x28W	B, C	T5 lamp	G5	1245x150x60	1175x120	M 625	4,1
32-073/228/C ²	2x28W	B, C	T5 lamp	G5	1245x308x60	1175x218	M 625	5,8
32-073/314/C ²	3x14W	B, C	T5 lamp	G5	620x620x60	575x575	M 625	5,0
32-073/414/C ²	4x14W	B, C	T5 lamp	G5	620x620x60	575x575	M 625	5,0

If requested, luminaires with T5 lamps 24W, 54W can be specially ordered.

² - B (highly polished parabolic louvre)
- C (matted parabolic louvre)

Recessed luminaires - T5 lamps

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished or matted parabolic louvre made of a pure aluminium sheet - MIRO

Degree of protection: IP 20

Rated voltage: 230V/50Hz

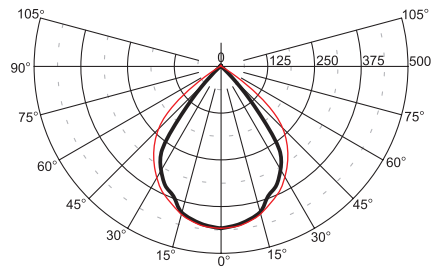
Control gear: electronic ballast

Mounting: ceiling systems M600 - inlay mounting

Application:

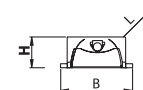
computer labs, large and small offices, lecture halls

Luminaire **Easy set** is equipped by Isodrom connector, lamp 840 and protective foil of louvre.



32-T23/154/C

[I] cd/1000lm — C0 - C180 — C90 - C270



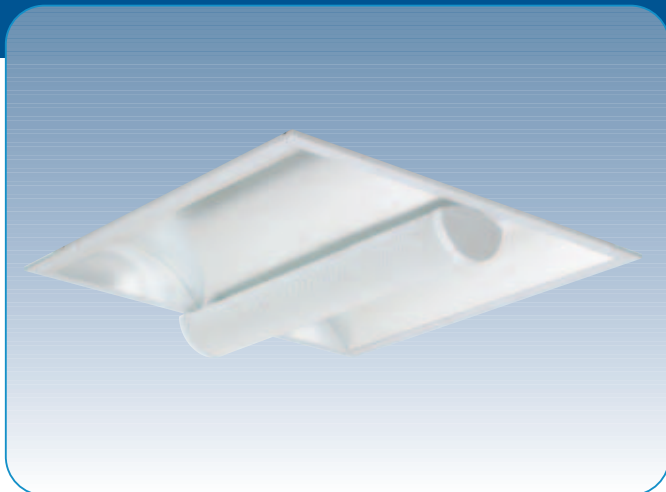
If requested, two-lamp luminaire 32-T23/2xx/C with central lamellae (width 295 mm).

Code	Power	Louvre	Lamp	Cap	LxBxH (mm)	Module	kg
32-T23/149/C	1x49W	B,C	T5 lamp	G5	1568x148x90	M600	3,9
32-T23/154/C	1x54W	B,C	T5 lamp	G5	1268x148x90	M600	3,2
32-T23/180/C	1x80W	B,C	T5 lamp	G5	1568x148x90	M600	3,9

- B (highly polished parabolic louvre)
- C (matted parabolic louvre)

carella | 34-00, 34-09

Recessed luminaires - direct/indirect



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- diffuser: a finely perforated white steel sheet with diffusing sheet
- reflector: aluminium sheet finished by powder technology varnishing into white, matted aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request

Mounting:

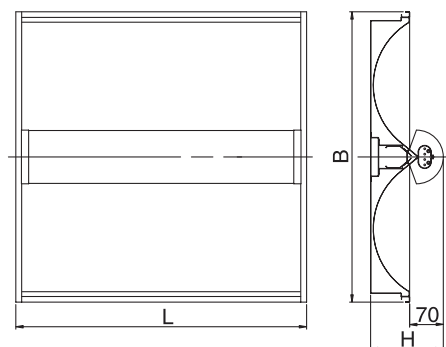
- 34-00 - ceiling modules M600 (universal mounting)
- 34-09 - ceiling modules M625 (universal mounting) and mounting in plaster ceilings

Accessories: (must be ordered separately)

- (four pieces for one luminaire needed)
- holders for mounting in panel ceilings 99-298 (4pcs)
- holders for mounting in plaster ceilings 99-299 (4pcs)

Application:

receptions, corridors, shops and boutiques, restaurants, counters, computer labs, representative offices, public areas



Code	Power	Lamp	Cap	LxBxH (mm)	Module	kg
34-004/155/C ²	1x55W	comp. fl. lamp	2G11	595x595x149	M 600	6,2
34-003/214/C ²	2x14W	T5 lamp	G5	595x595x149	M 600	6,2
34-094/155/C ²	1x55W	comp. fl. lamp	2G11	622x622x149	M 625	6,2
34-093/214/C ²	2x14W	T5 lamp	G5	622x622x149	M 625	6,2

If requested, luminaires with T5 lamps 24W can be specially ordered.

- ² - A (white aluminium reflector)
- C (matted aluminium reflector)

Recessed luminaires - direct/indirect

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- reflector: a matted Al sheet
- diffuser: a finely perforated white steel sheet with diffusing sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast, electronic ballast, dimmable ballast on request

Mounting:

- 34-02 - ceiling systems M600, inlay mounting
- 34-04 - ceiling systems M625, plaster ceilings

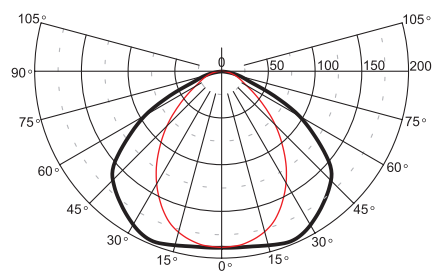
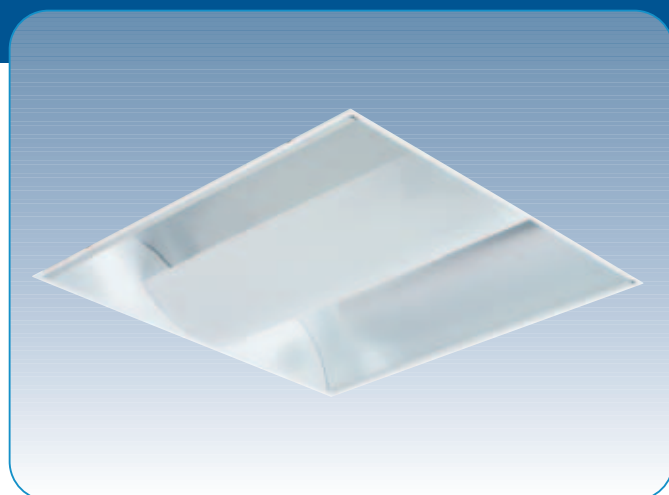
Accessories: (must be ordered separately)

(four pieces for one luminaire needed)

- holders for mounting in panel ceilings 99-298 (4pcs)
- holders for mounting in plaster ceilings 99-299 (4pcs)

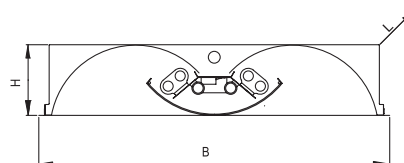
Application:

receptions, corridors, hops and boutiques, restaurants, counters, computer labs, representative offices, public areas



34-024/236/CC

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	Module	Hole cut out (mm)	kg
34-024/236/□C	2x36W	comp. fl. lamp	2G11	594x593x120	M 600	-	6,3
34-024/255/CC	2x55W	comp. fl. lamp	2G11	594x593x120	M 600	-	5,5
34-044/236/□C	2x36W	comp. fl. lamp	2G11	623x622x120	M 625	575x575	6,3
34-044/255/CC	2x55W	comp. fl. lamp	2G11	623x622x120	M 625	575x575	5,5

□ - E (low loss ballast) - C (electronic ballast)

carella | 34-03, 34-05

Recessed luminaires - direct/indirect



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- reflector: a matted aluminium sheet
- diffuser: a finely perforated steel sheet with diffusing sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast, electronic ballast; dimmable ballast on request

Mounting:

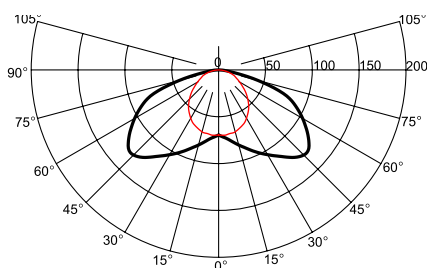
- 34-03 - in ceiling systems M600, inlay mounting
- 34-05 - in ceiling systems M625, in plaster ceilings

Accessories: (must be ordered separately)

- (four pieces for one luminaire needed)
- holders for mounting in panel ceilings 99-298 (4pcs)
- holders for mounting in plaster ceilings 99-299 (4pcs)

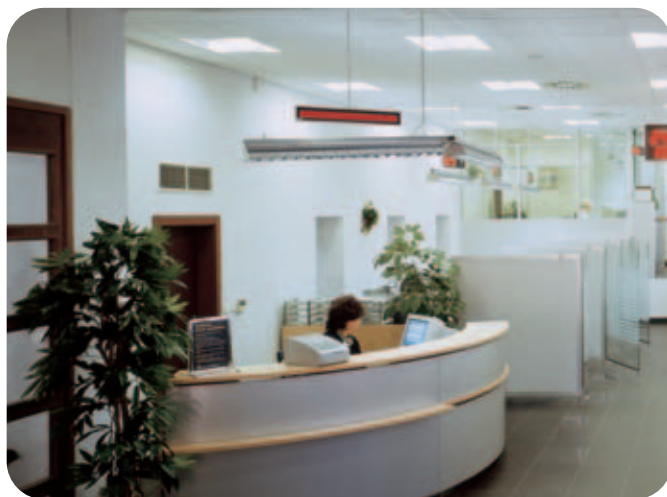
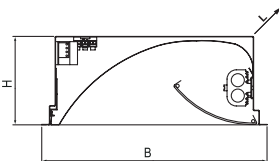
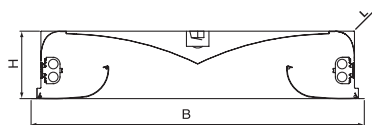
Application:

receptions, corridors, counters, computer labs



34-034/255/CC

[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	Module	Hole cut out (mm)	kg
34-034/236/□C	2x36W	comp. fl. lamp	2G11	594x593x120	M 600	-	6,3
34-034/255/CC	2x55W	comp. fl. lamp	2G11	594x593x120	M 600	-	5,5
34-034/155/CC	1x55W	comp. fl. lamp	2G11	594x293x115	M 600	-	3,8
34-054/236/□C	2x36W	comp. fl. lamp	2G11	623x622x120	M 625	575x575	6,5
34-054/255/CC	2x55W	comp. fl. lamp	2G11	623x622x120	M 625	575x575	6,0
34-054/155/CC	1x55W	comp. fl. lamp	2G11	623x310x115	M 625	580x280	4,2

□ - E (low loss ballast) - C (electronic ballast)

Recessed luminaires - direct/indirect

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- reflector: a matted aluminium sheet
- louvre: a highly polished or matted parabolic louvre made of a pure aluminium sheet - Miro

Degree of protection: IP 20

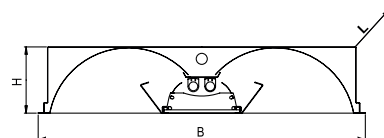
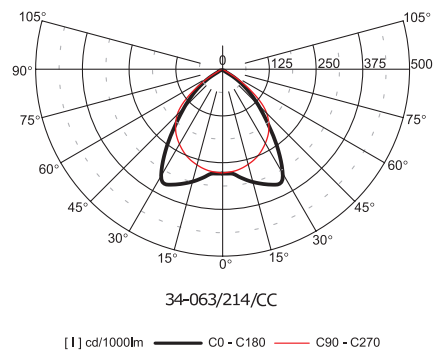
Rated voltage: 230V/50Hz

Control gear: electronic ballast, dimmable ballast on request

Mounting: ceiling systems M600 - inlay mounting

Application:

computer labs, corridors, counters, representative offices, public areas



Code	Power	Lamp	Cap	LxBxH (mm)	Module	kg
34-063/214/C ²	2x14W	T5 lamp	G5	594x593x120	M 600	6,0
34-063/228/C ²	2x28W	T5 lamp	G5	1194x593x120	M 600	8,6
34-064/155/C ²	1x55W	comp. fl. lamp	2G11	594x593x120	M 600	5,8

If requested, luminaires with T5 lamps 24W, 54W can be specially ordered.

- ² - B (highly polished parabolic louvre, 60°)
- C (matted parabolic louvre, 60°)

Recessed luminaires with IP54 - panel ceilings M600 - inlay mounting



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- cover: prismatic

Degree of protection: IP 54

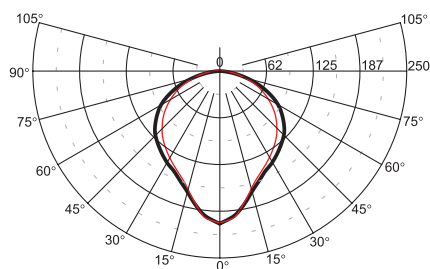
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: inlay mounting into ceiling systems M600

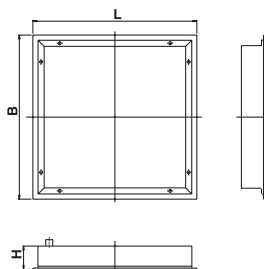
Application:

hospitals, laboratories, areas demanding high hygienic standards, areas with high rate of dustness and humidity, operating theaters



35-024/336/CX

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	Module	kg
35-023/236/□X	2x36W	T8 lamp	G13	1197x297x110	M600	4,7
35-023/418/□X	4x18W	T8 lamp	G13	595x595x122	M600	8,2
35-024/336/□X	3x36W	compact fl. lamp	2G11	595x595x122	M600	7,8
35-024/355/CX	3x55W	compact fl. lamp	2G11	595x595x122	M600	7,9

□ - E (low loss ballast) - C (electronic ballast)

Recessed luminaires with IP54 - universal mounting

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- cover: prismatic

Degree of protection: IP 54

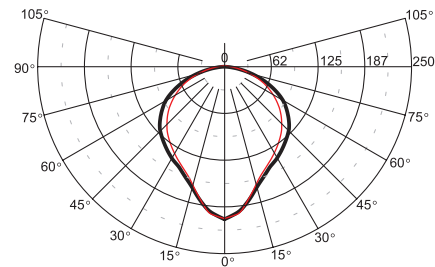
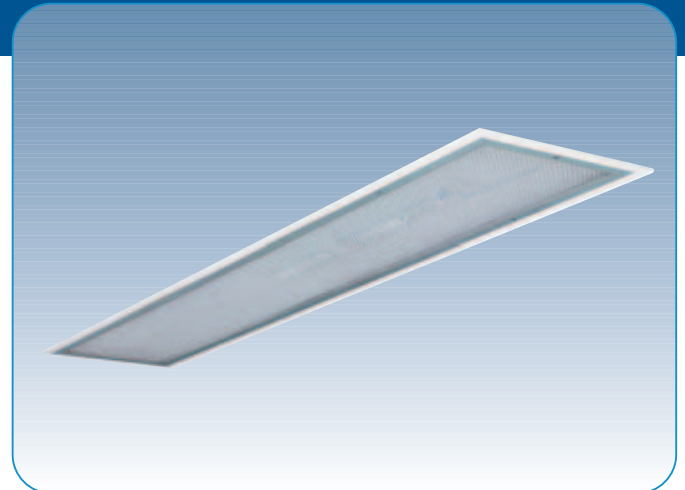
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: universal mounting in panel ceilings M625 and in plaster ceilings

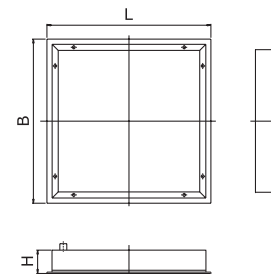
Application:

hospitals, laboratories, areas demanding high hygienic standard, areas with high rate of dustness and humidity, operating theaters



35-034/355/CX

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	Hole cut out (mm)	Module	kg
35-033/136/□X	1x36W	T8 lamp	G13	1247x311x95	1215x297	M625	4,4
35-033/158/□X	1x58W	T8 lamp	G13	1547x311x95	1515x297	M625	4,7
35-033/236/□X	2x36W	T8 lamp	G13	1247x311x95	1215x297	M625	4,9
35-033/258/□X	2x58W	T8 lamp	G13	1547x311x95	1515x297	M625	5,4
35-033/418/□X	4x18W	T8 lamp	G13	622x622x95	591x608	M625	8,4
35-034/336/□X	3x36W	compact fl. lamp	2G11	622x622x95	591x608	M625	7,9
35-034/355/CX	3x55W	compact fl. lamp	2G11	622x622x95	591x608	M625	8,1

□ - E (low loss ballast) - C (electronic ballast)

Recessed luminaires IP65 - inlay mounting into ceiling systems M600



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- cover: prismatic

Degree of protection: IP 65

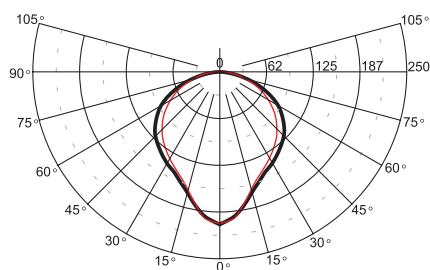
Rated voltage: 230V/50Hz

Control gear: low loss or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: ceiling systems M600 - inlay mounting

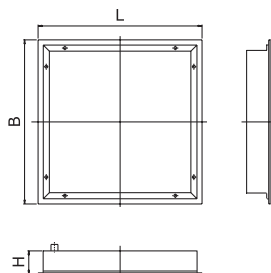
Application:

hospitals, laboratories, areas with high humidity and dustiness, areas demanding high hygienic standards, operating theaters



36-024/336/CX

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	Module	kg
36-023/236/□X	2x36W	T8 lamp	G13	1197x297x100	M600	7,5
36-023/418/□X	4x18W	T8 lamp	G13	595x595x122	M600	8,2
36-024/336/□X	3x36W	compact fl. lamp	2G11	595x595x122	M600	7,7
36-024/355/CX	3x55W	compact fl. lamp	2G11	595x595x122	M600	7,7

□ - E (low loss ballast) - C (electronic ballast)

Recessed luminaires IP65 - universal mounting

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- cover: prismatic

Degree of protection: IP 65

Rated voltage: 230V/50Hz

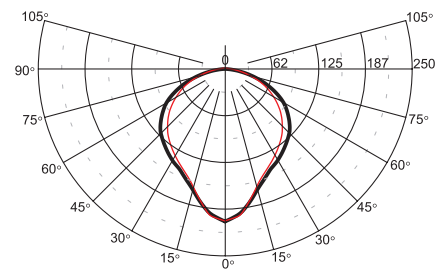
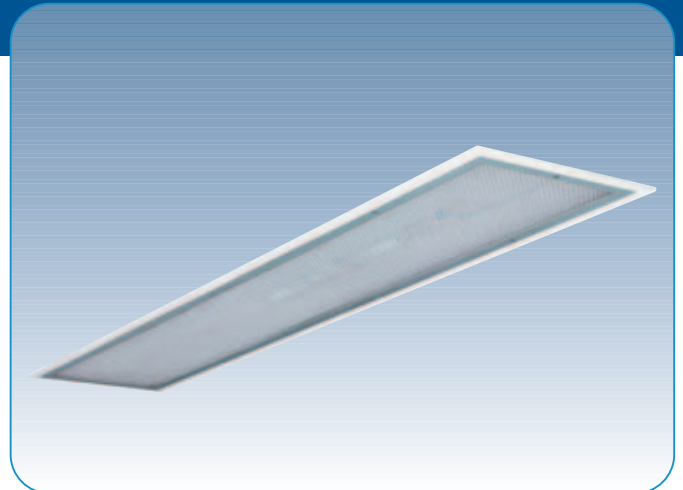
Control gear: low loss or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: ceiling systems M625 - universal mounting and mounting in plaster ceilings

Accessories: steel holders (are components of the luminaires)

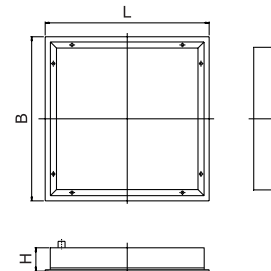
Application:

hospitals, laboratories, areas with high humidity and dustiness, areas demanding high hygienic standards, operating theaters



36-034/355/CX

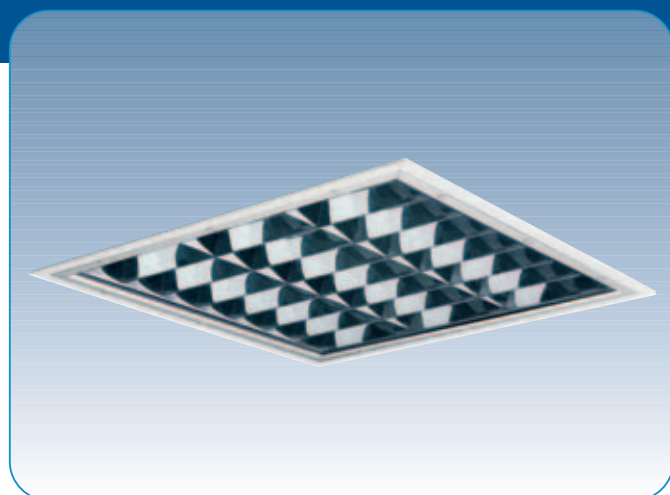
[l] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	Hole cut out (mm)	Module	kg
36-033/136/□X	1x36W	T8 lamp	G13	1247x311x100	1215x297	M625	7,7
36-033/158/□X	1x58W	T8 lamp	G13	1547x311x100	1515x297	M625	8,2
36-033/236/□X	2x36W	T8 lamp	G13	1247x311x100	1215x297	M625	4,9
36-033/258/□X	2x58W	T8 lamp	G13	1547x311x100	1515x297	M625	5,4
36-033/418/□X	4x18W	T8 lamp	G13	622x622x122	591x608	M625	8,4
36-034/336/□X	3x36W	compact fl. lamp	2G11	622x622x122	591x608	M625	8,1
36-034/355/CX	3x55W	compact fl. lamp	2G11	622x622x122	591x608	M625	8,1

□ - E (low loss ballast) - C (electronic ballast)

Recessed luminaires IP65 - inlay mounting into ceiling systems M600



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished parabolic louvre
- cover: safety hardened glass

Degree of protection: IP 65

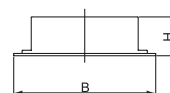
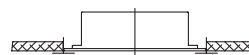
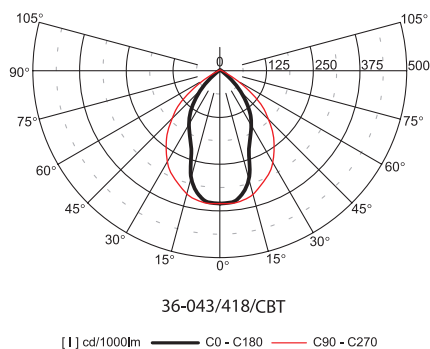
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast; the luminaires are offered also in emergency version

Mounting: ceiling systems M600 - inlay mounting

Application:

chemical laboratories, areas with high humidity and dustiness, hospitals, areas demanding high hygienic standards



Code	Power	Lamp	Cap	LxBxH (mm)	Module	kg
36-043/236/□ BT	2x36W	T8 lamp	G13	1197x297x100	M600	7,6
36-043/418/□ BT	4x18W	T8 lamp	G13	595x595x122	M600	8,1
36-044/336/□ BT	3x36W	compact fl. lamp	2G11	595x595x122	M600	7,8
36-044/355/CBT	3x55W	compact fl. lamp	2G11	595x595x122	M600	7,8

□ - E (low loss ballast) - C (electronic ballast)

Recessed luminaires IP65 - universal mounting

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: highly polished parabolic louvre
- cover: safety hardened glass

Degree of protection: IP 65

Rated voltage: 230V/50Hz

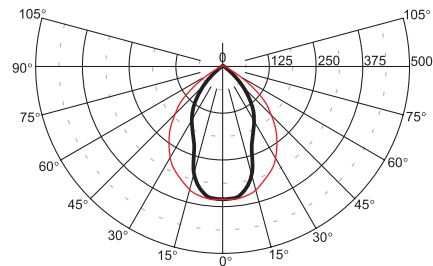
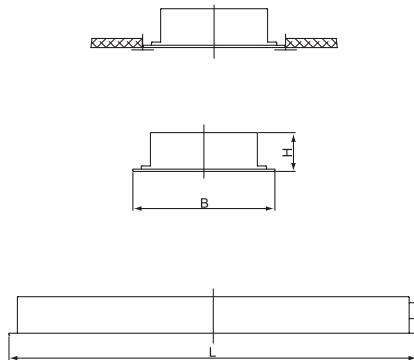
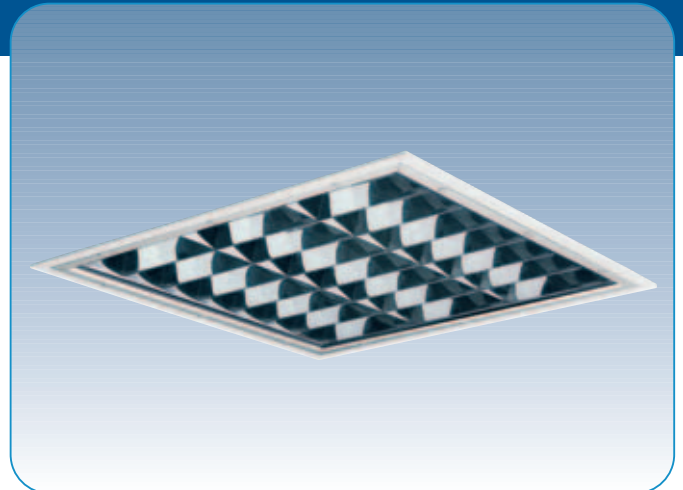
Control gear: low loss ballast or electronic ballast; the luminaires are offered also in emergency version

Mounting: ceiling systems M625 - universal mounting and mounting in plaster ceiling

Accessories: steel holders (are components of the luminaires)

Application:

chemical laboratories, areas with high humidity and dustiness, hospitals, areas demanding high hygienic standards



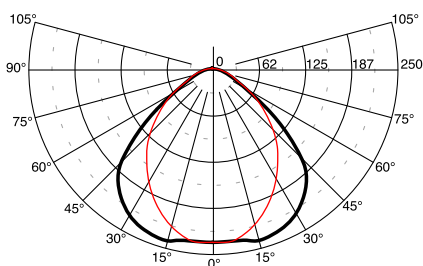
36-053/418/CB

[1] cd/1000lm — C0 - C180 — C90 - C270

Code	Power	Lamp	Cap	LxBxH (mm)	Hole cut out (mm)	Module	kg
36-053/236/□ BT	2x36W	T8 lamp	G13	1247x311x100	1215x297	M625	7,6
36-053/418/□ BT	4x18W	T8 lamp	G13	622x622x122	591x608	M625	8,5
36-054/336/□ BT	3x36W	compact fl. lamp	2G11	622x622x122	591x608	M625	8,2
36-054/355/C BT	3x55W	compact fl. lamp	2G11	622x622x122	591x608	M625	8,2

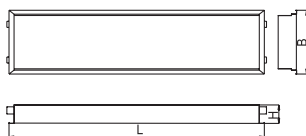
□ - E (low loss ballast) - C (electronic ballast)

Luminaires for indoor sports areas - recessed

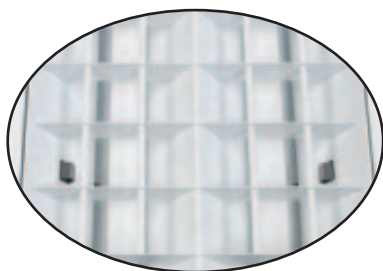


17-033/258/C

[l] cd/1000lm — C0 - C180 — C90 - C270



Safety locks protected
against drop out of the louvre



Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003
- louvre: white aluminium louvre, reinforced with AL rods, protecting the lamps from ball bumps

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss or electronic ballast, dimmable ballast on request; the luminaires are offered also in emergency version

Mounting: universal mounting in ceiling systems M625 and in plaster ceiling

Accessories:

(must be ordered separately) steel holders
(four pieces for one luminaire needed)
99-298 in ceiling systems (4pcs)
99-299 in plaster ceilings (4pcs)

Application:

gymnasiums, sporting halls, sport clubs

Shockproof test according to DIN 18032



Code	Power	Lamp	Cap	LxBxH (mm)	Module	Hole cut out (mm)	kg
17-033/236/ [E]	2x36W	T8 lamp	G13	1248x311x90	M625	1175x275	8,5
17-033/258/ [E]	2x58W	T8 lamp	G13	1548x311x90	M625	1474x275	11,0
17-033/336/ [E]	3x36W	T8 lamp	G13	1248x622x90	M625	1175x580	12,2
17-033/358/ [E]	3x58W	T8 lamp	G13	1548x622x90	M625	1475x580	14,1
17-033/436/ [E]	4x36W	T8 lamp	G13	1248x622x90	M625	1175x580	14,2
17-033/458/ [E]	4x58W	T8 lamp	G13	1548x622x90	M625	1475x580	18,0

[E] - E (low loss ballast) - C (electronic ballast)

Recessed luminaires into the wall

Material:

- body: a steel sheet finished by powder technology varnishing
- color: metallic gray RAL 9006
- reflector: matted reflector made of aluminium sheet, asymmetric
- diffuser: tempered glass

Degree of protection: IP 20

Rated voltage: 230V/50Hz

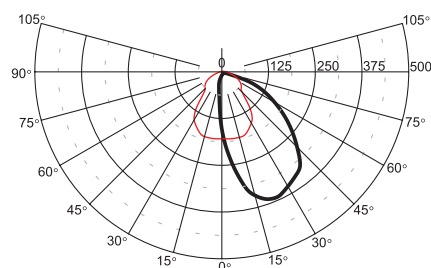
Control gear: standard ballast, low loss ballast or electronic ballast

Mounting: recessed into the wall

Accessories (supplied with luminaire) box for recessed mounting into the wall and set of 4pcs holders

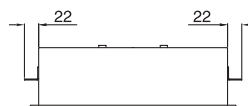
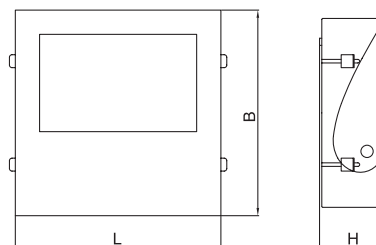
Application:

vestibules, corridors and stairways, galleries, museums



37-017/107/BT

[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	Hole cut out (mm)	kg
37-012/120/-T	1x200W	halogen lamp	R7s	318x318x100	300x300	4,1
37-014/118/□T	1x18W	compact lamp	G24d(q)-2	318x318x100	300x300	4,2
37-014/126/□T	1x26W	compact lamp	G24d(q)-3	318x318x100	300x300	4,2
37-017/107/BT	1x70W	metal halide lamp	RX7s	318x318x100	300x300	4,7
37-017/115/BT	1x150W	metal halide lamp	RX7s-24	318x318x168	300x300	4,8

□ - E (low loss ballast)
- C (electronic ballast)



Recessed luminaires

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003 (61-01), structured metallic gray (61-02)

Degree of protection: IP 20

Rated voltage: 12V

Control gear: connection to the power supply by transformer 230V/12V

Mounting: recessed mounting in panel ceilings and plaster ceilings with maximum width of 20 mm

Application:

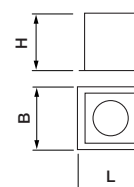
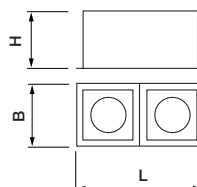
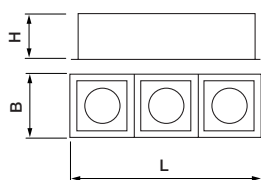
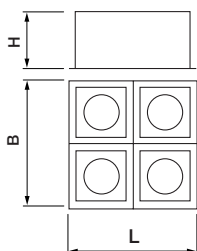
shops, reception desk, shop-windows, vestibules, restaurants

The luminaires are standard supplied without transformer and lamp.



Electronic transformers

E-Code	Type	Max. power	LxBxH (mm)
O297460	HT 70/230/12 L	70W	175x42x34
O299679	HT 105/230/12 L	105W	175x42x34
O332130	HT 150/230/12 L	150W	220x47x44
O462264	HT 210/230/12 L	210W	220x47x44



Code	Power	Lamp	Cap	Hole cut out	LxBxH (mm)	kg	RAL
61-012/110/-	1x 35,50,75,100W	halogen lamp	G53	166x166	180x180x110	0,95	9003
61-012/210/-	2x 35,50,75,100W	halogen lamp	G53	166x315	329x180x110	1,60	9003
61-012/310/-	3x 35,50,75,100W	halogen lamp	G53	166x465	479x180x110	2,35	9003
61-012/410/-	4x 35,50,75,100W	halogen lamp	G53	312x312	330x330x110	3,40	9003
61-022/110/-	1x 35,50,75,100W	halogen lamp	G53	166x166	180x180x110	0,95	9006
61-022/210/-	2x 35,50,75,100W	halogen lamp	G53	166x315	329x180x110	1,60	9006
61-022/310/-	3x 35,50,75,100W	halogen lamp	G53	166x465	479x180x110	2,35	9006
61-022/410/-	4x 35,50,75,100W	halogen lamp	G53	312x312	330x330x110	3,40	9006

Lighting technical characteristics of luminaires corresponded to photometrical parameters used lamps, for example HALOSPOT 111 from company OSRAM.

Recessed luminaires

Material:

- body: a steel sheet finished by powder technology varnishing
- color: structured metallic gray
- diffuser: tempered glass

Degree of protection: IP 20

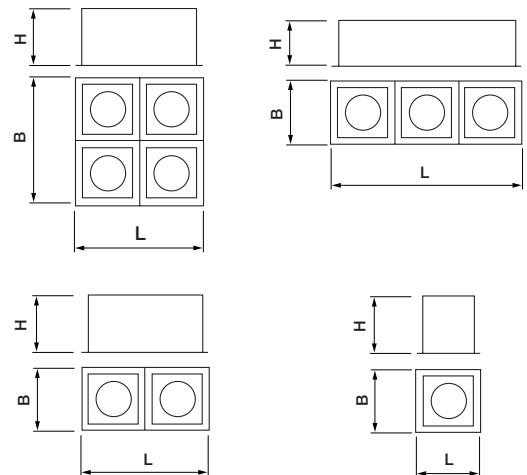
Rated voltage: 230V/50Hz

Control gear: standard ballast with parallel compensation in plastic box is supplied with luminaire

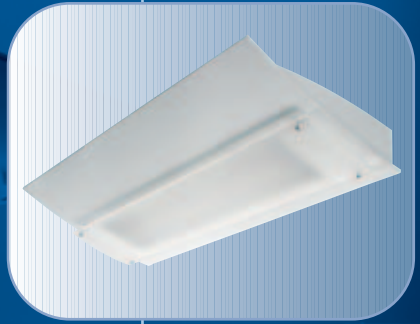
Mounting: recessed mounting in panel ceilings and plaster ceilings with maximum width of 20 mm

Application:

shops, reception desk, shop-windows, vestibules, restaurants



Code	Power	Cap	Hole cut out	LxBxH (mm)	kg
61-047/135/BT	HIT 1x35W	G12	166x166	180x180x205	2,7
61-047/107/BT	HIT 1x70W	G12	166x166	180x180x205	2,9
61-047/235/BT	HIT 2x35W	G12	315x166	329x180x205	5,2
61-047/207/BT	HIT 2x70W	G12	315x166	329x180x205	5,7
61-047/335/BT	HIT 3x35W	G12	465x166	479x180x205	7,9
61-047/307/BT	HIT 3x70W	G12	465x166	479x180x205	8,6
61-047/435/BT	HIT 4x35W	G12	312x312	330x330x205	10,5
61-047/407/BT	HIT 4x70W	G12	312x312	330x330x205	11,5



Wall and stand luminaires



Wall and stand luminaires, direct/indirect

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003, dark gray RAL 7016 or structured metallic gray
- diffuser: decorated opaline cover

Transparent plastic cover as protection of lamps and make easier maintenance of luminaire.

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear:

electronic ballast, dimmable ballast on request

Mounting:

separate mounting on wall (19-01)

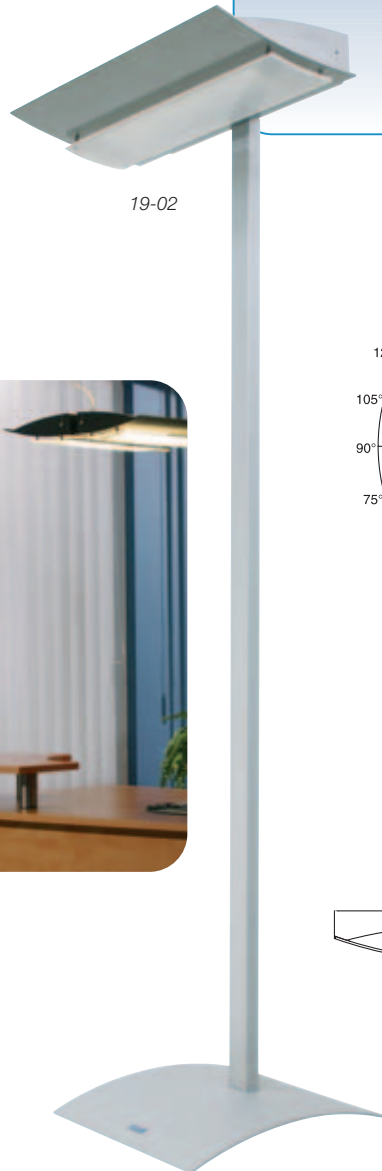
self-supporting version on stand (19-02)

Application:

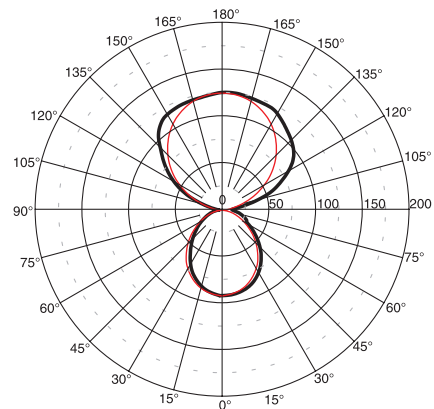
offices, receptions, corridors, boutiques



19-01

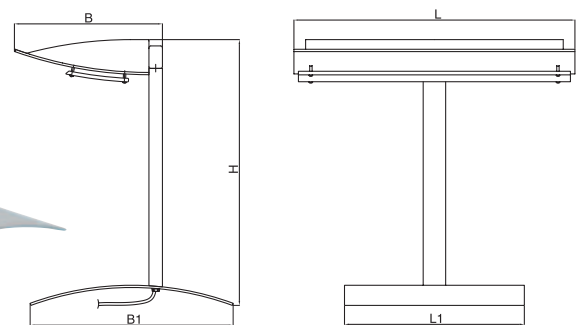


19-02



19-014/255/CZ

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)
19-014/255/CZ-- ^[5]	2x55W	comp. fl. lamp	2G11	625x303x90
19-014/355/CZ-- ^[5]	3x55W	comp. fl. lamp	2G11	625x303x90

Code	Power	Lamp	Cap	L/L1xB/B1xH (mm)
19-024/255/CZ-- ^[5]	2x55W	comp. fl. lamp	2G11	625/400x303/450x1800
19-024/355/CZ-- ^[5]	3x55W	comp. fl. lamp	2G11	625/400x303/450x1800

^[5] - - - white RAL 9003
 - 1 - dark gray RAL 7016
 - 5 - structured metallic gray

scarab | 19-03

Suspended luminaires direct/indirect



Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003, dark gray RAL 7016 or structured metallic gray
- diffuser: decorated opaline cover

Transparent plastic cover as protection of lamps and make easier maintenance of luminaire.

Degree of protection: IP 20

Rated voltage: 230V/50Hz

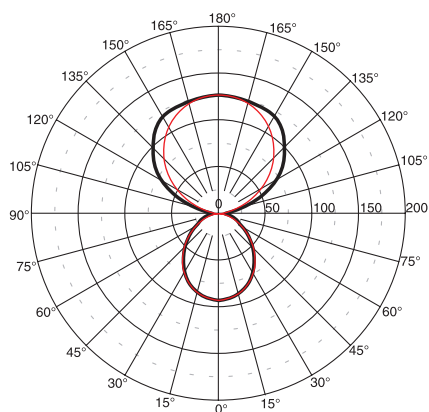
Control gear:

electronic ballast, dimmable ballast on request

Mounting: suspended mounting on wire pendants are components of the luminaire

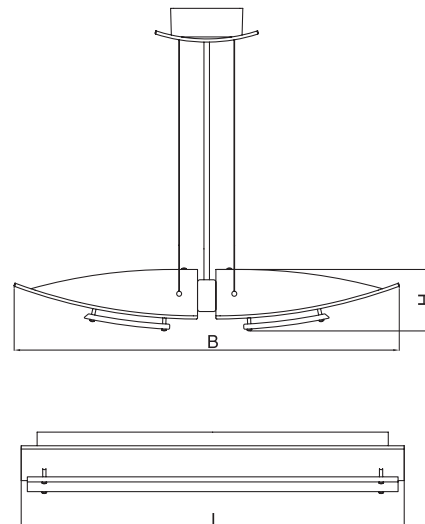
Application:

offices, receptions, corridors, boutiques, restaurants



19-034/455/CZ

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)
19-034/455/CZ-- ^[5]	4x55W	comp. fl. lamp	2G11	625x606x90
19-034/655/CZ-- ^[5]	6x55W	comp. fl. lamp	2G11	625x606x90

- ^[5] --- white RAL 9003
 - 1 - dark gray RAL 7016
 - 5 - structured metallic gray

62-01, 62-02, 62-03 | cabrio

Wall, stand and suspended luminaires - direct/indirect

Material:

- glass: blowing by hand, three-layers
- color of glass: white opaline
- stand: made of steel
- color of stand: RAL argento dorato

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: mounting in ceiling; on wire pendant

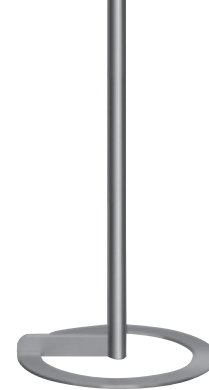
self supporting version on stand (62-01)

ceiling mounting (62-02)

suspended mounting on wire pendants (62-03)

Application:

offices, receptions, corridors, boutiques, restaurants,
representative offices



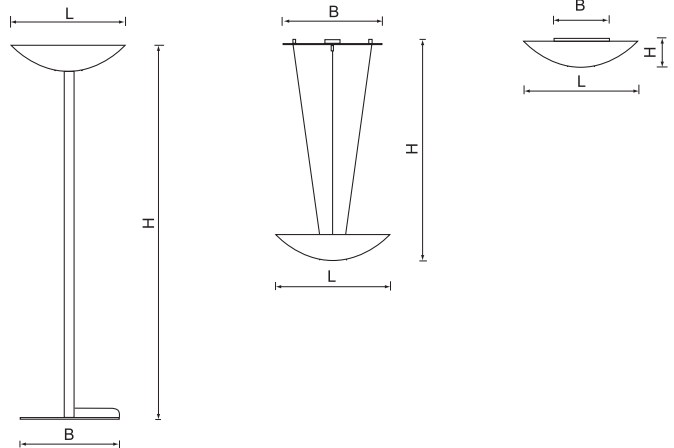
62-01



62-03



62-02



Code	Power	Lamp	Cap	LxBxH (mm)	kg
62-014/317/C	1x60W + 2x55W	circular fluorescent lamp	2GX13	600x520x1950	20,0
62-024/211/C	1x60W + 1x55W	circular fluorescent lamp	2GX13	600x290x150	4,7
62-034/211/C	1x60W + 1x55W	circular fluorescent lamp	2GX13	600x520x1150	7,5

artemis | 64-01

Stand luminaires - direct/indirect



Material:

- stand: anodized extruded aluminium support post
- color: metallic gray RAL 9006
- reflector: an aluminium reflector system
- diffuser: semi-transparent opal polycarbonate wrapped around a ribbed structure. On top, a clear glass cover is mounted

Degree of protection: IP 20

Rated voltage: 230V/50Hz

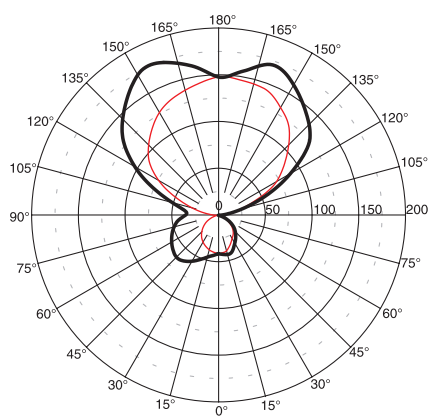
Control gear: electronic ballast

Mounting: on stand

Accessories: (must be ordered separately)
99-T64 - set of wheels

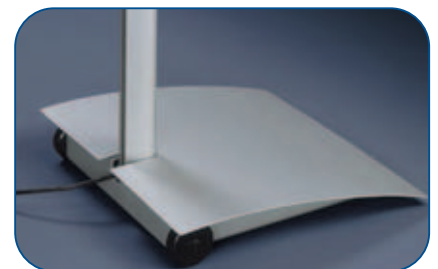
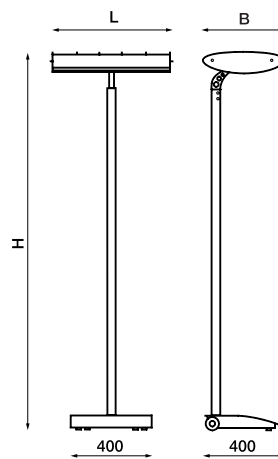
Application:

representative offices, reception desk, shops and boutiques



64-014/355/C

[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Cap	LxBxH (mm)	kg
64-014/255/C	TC-L 2x55W	2G11	590x390x1900	12,2
64-014/355/C	TC-L 3x55W	2G11	590x390x1900	12,2

Wall luminaires - direct/indirect

Material:

- stand: anodized extruded aluminium support post
- color: metallic gray RAL 9006
- reflector: an aluminium reflector system
- diffuser: semi-transparent opal polycarbonate wrapped around a ribbed structure. On top, a clear glass cover is mounted

Degree of protection: IP 20

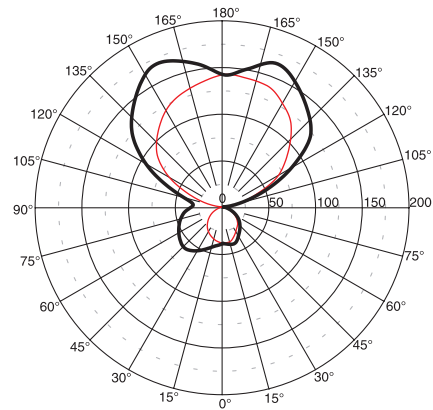
Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: on wall bracket

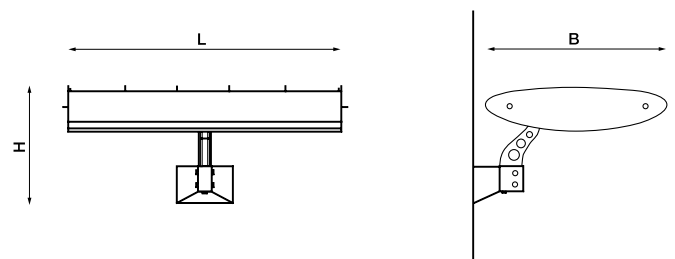
Application:

representative offices, reception desk, shops and boutiques



64-024/355/C

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Cap	LxBxH (mm)	kg
64-024/255/C	TC-L 2x55W	2G11	590x390x270	7,8
64-024/355/C	TC-L 3x55W	2G11	590x390x270	7,8

artemis | 64-03

Suspended luminaires - direct/indirect



Material:

- stand: anodized extruded aluminium support post
- color: metallic gray RAL 9006
- reflector: an aluminium reflector system
- diffuser: semi-transparent opal polycarbonate wrapped around a ribbed structure

Degree of protection: IP 20

Rated voltage: 230V/50Hz

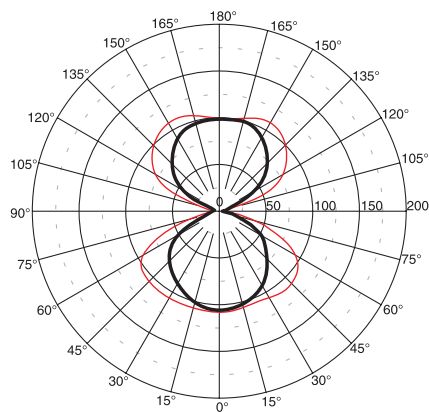
Control gear: electronic ballast

Mounting:

suspended on pendants (are components of the luminaire)

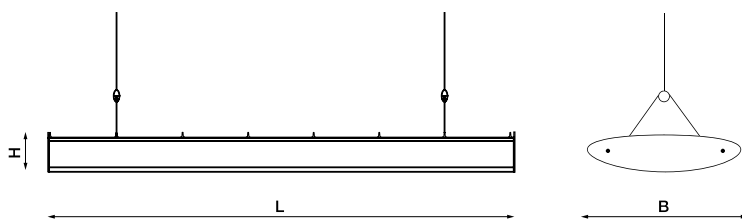
Application:

representative offices, reception desk, shops and boutiques



64-033/228/C

[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Cap	LxBxH (mm)	kg
64-033/228/C	T5 2x28W	G5	1190x390x100	8,0
64-033/254/C	T5 2x54W	G5	1190x390x100	8,0

Hospital luminaires

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003
- diffuser: plastic material

Degree of protection: IP 40

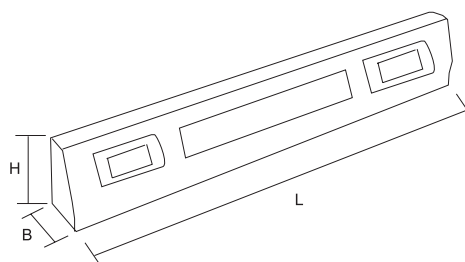
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: on wall

Application:

hospitals, laboratories



Code	Power	Lamp	Cap	LxBxH (mm)	kg
24-013/136/□	1x36W+2x18W	fluorescent lamp	G13	1235x110x195	9.2
24-013/158/□	1x58W+2x18W	fluorescent lamp	G13	1535x110x195	10.5

□ - E (low loss ballast)
 - C (electronic ballast)



Decorative luminaires





Ceiling luminaires – IP55

Material:

- body: made of nylon
- color: white, black, silver, chrome, gold
- reflector: matted aluminium reflector
- diffuser: opaline polycarbonate

Degree of protection: IP 55

Rated voltage: 230V/50Hz

Control gear:

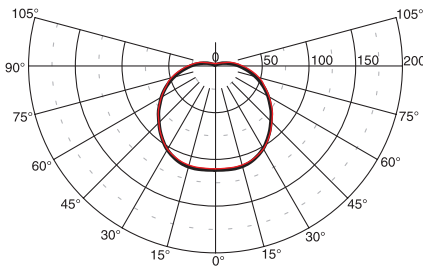
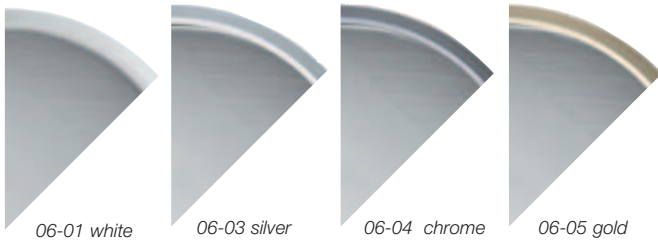
low loss ballast (for luminaires with circular fluorescent lamps)

Mounting:

on a ceiling or on a wall; both indoor and outdoor
the version for incandescent lamps: protection class II
the version for fluorescent lamps: protection class I

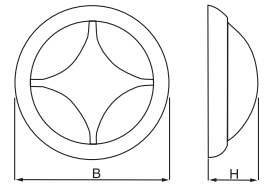
Application:

reception desks, stairways and corridors, entrance halls, porches



06-014/122/D

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	BxH(mm)	kg	Color
☐ 06-011/106/-	1x60W	incand. lamp	E27	290x95	2,2	white
06-014/209/D	2x9W	compact lamp	G23	290x95	2,2	white
06-014/116/D	1x16W	compact lamp	GR8-2	290x95	2,2	white
06-014/122/D	1x22W	circ. fluor. lamp	G10q	290x95	2,5	white
☐ 06-011/110/-	1x100W	incand. lamp	E27	376x100	2,3	white
06-014/218/D	2x18W	compact lamp	G24d-2	376x100	2,5	white
06-014/226/D	2x26W	compact lamp	G24d-3	376x100	2,3	white
☐ 06-021/106/-	1x60W	incand. lamp	E27	290x95	2,2	black
06-024/209/D	2x9W	compact lamp	G23	290x95	2,2	black
06-024/116/D	1x16W	compact lamp	GR8-2	290x95	2,2	black
06-024/122/D	1x22W	circ. fluor. lamp	G10q	290x95	2,3	black
☐ 06-021/110/-	1x100W	incand. lamp	E27	376x100	2,5	black
06-024/218/D	2x18W	compact lamp	G24d-2	376x100	2,5	black
06-024/226/D	2x26W	compact lamp	G24d-3	376x100	2,3	black
☐ 06-041/106/-	1x60W	incand. lamp	E27	290x95	2,2	chrome
06-044/209/D	2x9W	compact lamp	G23	290x95	2,2	chrome
06-044/116/D	1x16W	compact lamp	GR8-2	290x95	2,2	chrome
06-044/122/D	1x22W	circ. fluor. lamp	G10q	290x95	2,3	chrome
☐ 06-041/110/-	1x100W	incand. lamp	E27	376x100	2,5	chrome
06-044/218/D	2x18W	compact lamp	G24d-2	376x100	2,5	chrome
06-044/226/D	2x26W	compact lamp	G24d-3	376x100	2,3	chrome

Ceiling luminaires



Material:

- body: made of steel sheet
- color of collar: silver (06-07)
- diffuser: opaline PMMA

Degree of protection: IP 20

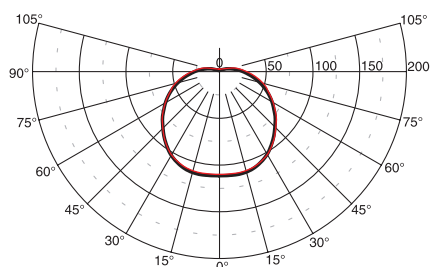
Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: on a ceiling or wall; indoor

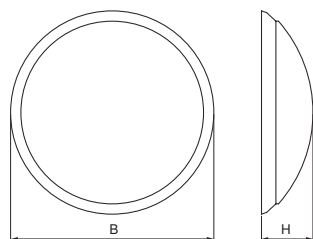
Application:

reception desks, entrance halls, stairways and corridors



06-074/122

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	BxH (mm)	kg
06-074/122/C	1x22W	circ. fluor. lamp	G10q	325x95	2,3
06-074/132/C	1x32W	circ. fluor. lamp	G10q	395x120	2,9
06-084/122/C	1x22W	circ. fluor. lamp	G10q	370x120	2,3

Suspended luminaires

Material:

- glass: blowing by hand, three-layers
- color: white, satin, opaline, matted
- pendant: steel white painted

Degree of protection: IP 20

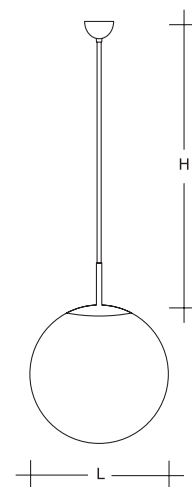
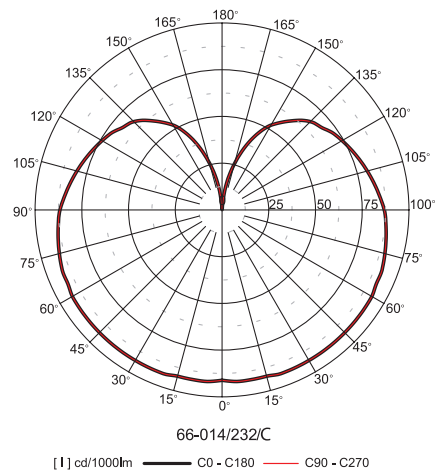
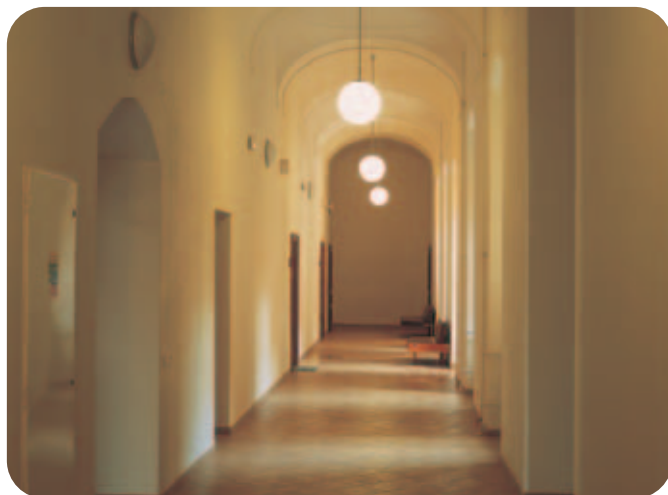
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: suspended on white painted pendant

Application:

reception desks, corridors, vestibules, restaurants, conference rooms



Code	Power	Lamp	Cap	LxH (mm)	kg
66-011/110/-	1x100W	incand. lamp	E 27	300x1000	4.0
66-011/115/-	1x150W	incand. lamp	E 27	400x1000	4.8
66-014/126/□	1x26W	compact lamp	G24d(q)-3	300x1000	4.5
66-014/226/□	2x26W	compact lamp	G24d(q)-3	400x1000	4,9
66-014/242/C	2x42W	compact lamp	GX24q-4	500x1000	11,2
66-014/157/C	1x57W	compact lamp	GX24q-5	400x1000	4.9

- - C (electronic ballast)
- D (low loss ballast)



Suspended luminaires

Material:

- glass: blowing by hand, three-layers
- color: white, satin, opaline, matted
- pendant: steel chrome coated

Degree of protection: IP 20

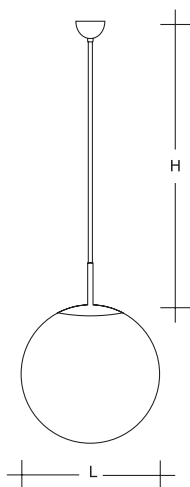
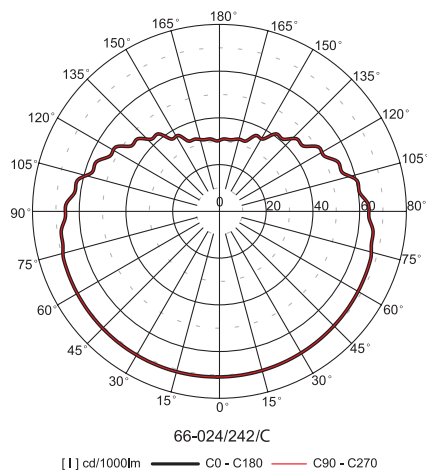
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: suspended on chrome pendant

Application:

reception desks, corridors, entry halls, restaurants, conference rooms



Code	Power	Lamp	Cap	LxH (mm)	kg
66-021/110/-	1x100W	incand. lamp	E 27	300x2000	3,6
66-021/115/-	1x150W	incand. lamp	E 27	400x2000	4,7
66-024/126/D	1x26W	compact lamp	G24d(q)-3	300x2000	3,8
66-024/226/D	2x26W	compact lamp	G24d(q)-3	400x2000	4,6
66-024/242/C	2x42W	compact lamp	GX24q-4	500x2000	10,7
66-024/157/C	1x57W	compact lamp	GX24q-5	400x2000	4,5

D - C (electronic ballast)
- D (low loss ballast)

Suspended luminaires

Material:

- glass: blowing by hand, three-layers
- color: white, satin, opaline, matted
- pendant: steel white painted or steel chrome coated

Degree of protection: IP 20

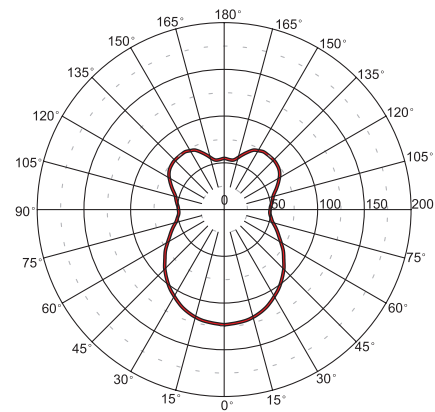
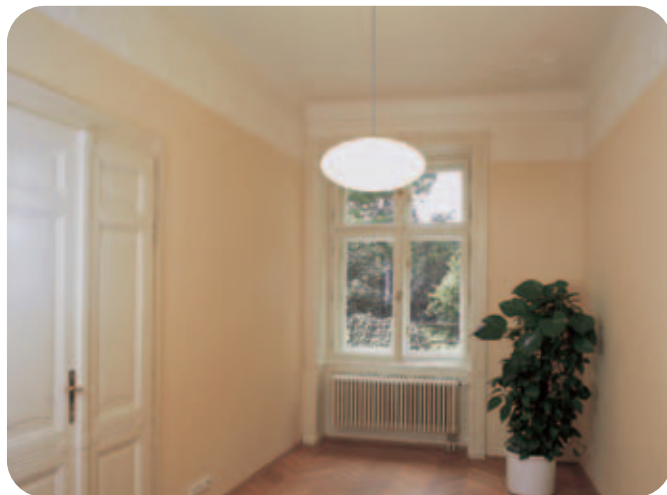
Rated voltage: 230V/50Hz

Control gear: electronic ballast

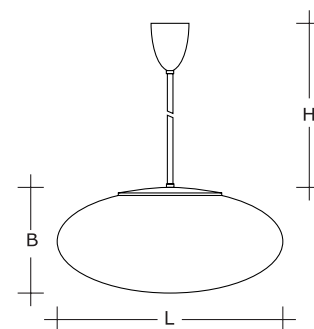
Mounting: suspended on white painted pendant or chrome coated pendant

Application:

reception desks, corridors, entry halls, restaurants, conference rooms



66-034/242
[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg	pendant
66-034/242/C	2x42W	compact lamp	GX24q-4	550x250x1000	9.0	white
66-034/242/C---C	2x42W	compact lamp	GX24q-4	550x250x1000	9.0	chrome



Suspended luminaires

Material:

- glass: blowing by hand, three-layers
- color: white, satin, opaline, matted
- pendant: steel white painted or steel chrome coated

Degree of protection: IP 20

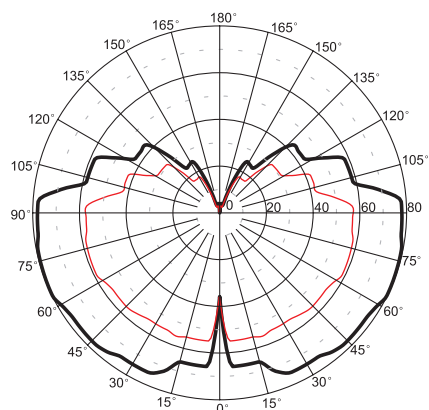
Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: suspended on steel white painted or steel chrome coated pendants, min. length 500mm

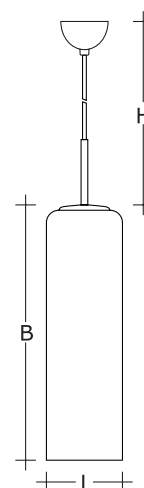
Application:

reception desks, corridors, entry halls, restaurants, conference rooms



66-044/142/C

[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg	pendant
66-041/110/-	1x100W	incand. lamp	E 27	150x420x2000	3,1	white
66-044/142/C	1x42W	compact lamp	GX24q-4	150x420x2000	3,2	white
66-041/110/---C	1x100W	incand. lamp	E 27	150x420x2000	3,1	chrome
66-044/142/C---C	1x42W	compact lamp	GX24q-4	150x420x2000	3,2	chrome

Ceiling and wall luminaires

Material:

- glass: blowing by hand, three-layers
- color: white, opaline
- body: steel sheet white painted
- collar: made by steel white coated or brass or chrome painted or stainless steel plate

Degree of protection: IP 20/ IP 44

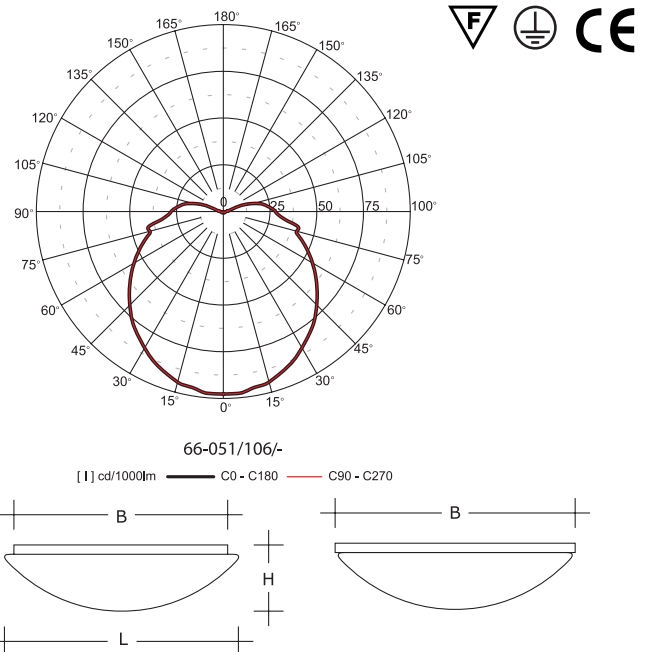
Rated voltage: 230V/50Hz



Control gear: low loss ballast or electronic ballast

Mounting: on a ceiling or wall

Application:

reception desks, corridors, entry halls, restaurants, conference rooms



Code IP20	Code IP44	Power	Cap	LxBxH (mm)	kg	
66-051/106/-	-	A 1x60W	E 27	250x190x115	1,1	
66-051/110/-	66-451/110/-	A 1x100W	E 27	280x240x125	1,3	
66-051/206/-	-	A 2x60W	E 27	280x240x125	1,3	
66-051/207/-	66-451/207/-	A 2x75W	E 27	415x370x125	3,1	Without collar
66-054/113/1	-	TC-DEL 1x13W	G24d(q)-1	250x190x115	1,6	
66-054/213/1	66-454/213/C	TC-DEL 2x13W	G24d(q)-1	280x240x125	2,2	
66-054/218/1	-	TC-DEL 2x18W	G24d(q)-2	360x290x130	2,8	
66-054/226/1	66-454/226/C	TC-DEL 2x26W	G24d(q)-3	415x370x125	4,4	
66-051/106/---5	-	A 1x60W	E 27	250x260x120	1,3	
66-051/110/---5	66-451/110/---5	A 1x100W	E 27	280x290x125	1,35	With collar
66-051/207/---5	66-451/207/---5	A 2x75W	E 27	415x430x125	3,8	
66-054/113/1---5	-	TC-DEL 1x13W	G24d(q)-1	250x260x120	1,6	
66-054/213/1---5	66-454/213/C---5	TC-DEL 2x13W	G24d(q)-1	280x290x125	2,4	
66-054/226/1---5	66-454/226/C---5	TC-DEL 2x26W	G24d(q)-3	415x430x125	3,8	

1 - C (electronic ballast) - D (low loss ballast)

2 - color of collar - 0 - white painted
 - C - chrome coated
 - M - brass coated
 - N - stainless steel



Ceiling and wall luminaires

Material:

- glass: blowing by hand, three-layers
- color: white, opaline
- body: white steel sheet
- collar: made by steel chrome coated or brass or white painted or stainless steel plate

Degree of protection: IP 20

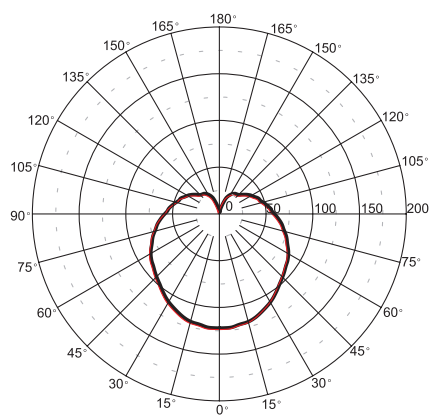
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: on a ceiling or wall

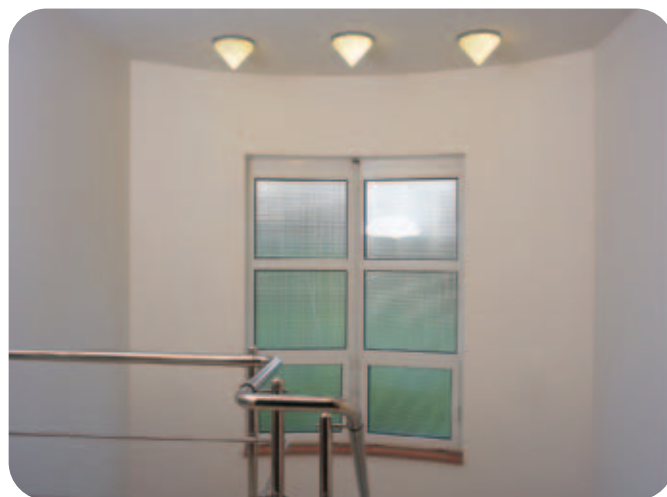
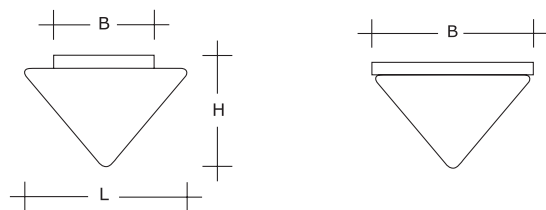
Application:

reception desks, corridors, entry halls, restaurants, conference rooms



66-064/218/C

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg	
66-061/110/-	1x100W	incand. lamp	E 27	280x240x200	1,6	Without collar
66-061/206/-	2x60W	incand. lamp	E 27	330x240x250	2,7	
66-064/118/[1]	1x18W	compact lamp	G24d(q)-2	280x240x200	2,3	
66-064/213/[1]	2x13W	compact lamp	G24d(q)-1	280x240x200	2,5	
66-064/218/[1]	2x18W	compact lamp	G24d(q)-2	330x240x250	3,4	
66-064/226/[1]	2x26W	compact lamp	G24d(q)-3	415x370x290	5,5	
66-061/110/----[5]	1x100W	incand. lamp	E 27	280x290x200	2,4	With collar
66-061/206/----[5]	2x60W	incand. lamp	E 27	330x340x250	3,1	
66-064/213/[1]--[5]	2x13W	compact lamp	G24d(q)-1	280x290x200	2,8	
66-064/218/[1]--[5]	2x18W	compact lamp	G24d(q)-2	330x340x250	3,8	
66-064/226/[1]--[5]	2x26W	compact lamp	G24d(q)-3	415x430x290	5,7	

[1] - C (electronic ballast) - D (low loss ballast)

[5] - color of collar - 0 - white painted
 - C - chrome coated
 - M - brass coated
 - N - stainless steel

Ceiling and wall luminaires

Material:

- glass: blowing by hand, three-layers
- color: white, opaline
- body: white painted steel sheet

Degree of protection: IP 20

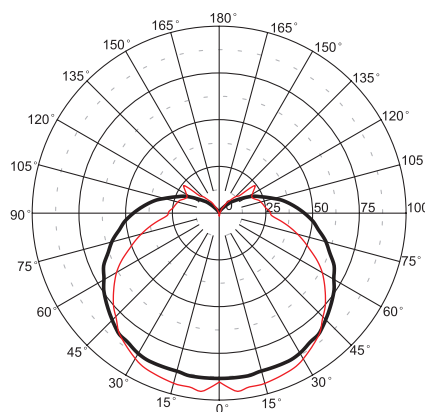
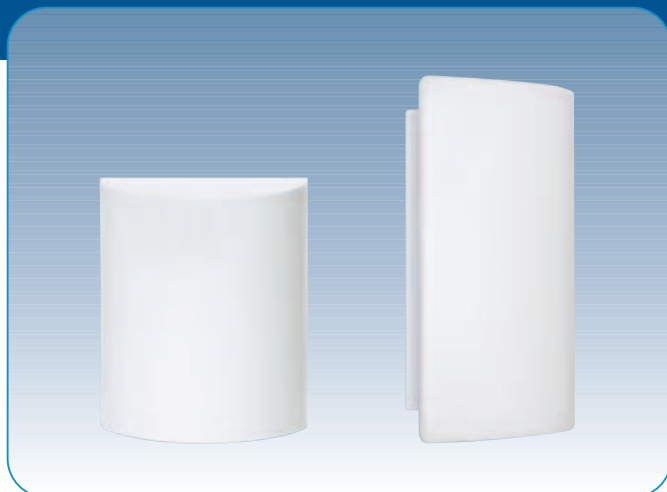
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

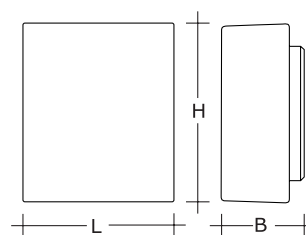
Mounting: on a wall

Application:

reception desks, corridors, entry halls, restaurants, conference rooms



66-074/226/C
[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
66-071/206/-	2x60W	incand. lamp	E 27	270x150x320	3,1
66-074/218/□	2x18W	compact lamp	G24d(q)-2	270x150x320	3,5
66-074/226/□	2x26W	compact lamp	G24d(q)-3	270x150x320	3,5

□ - C (electronic ballast)
- D (low loss ballast)



Wall luminaires

Material:

- glass: blowing by hand, three-layers
- color: white-satin, opaline matted, blue, pink, green, yellow
- body: white painted steel sheet

Degree of protection: IP 20

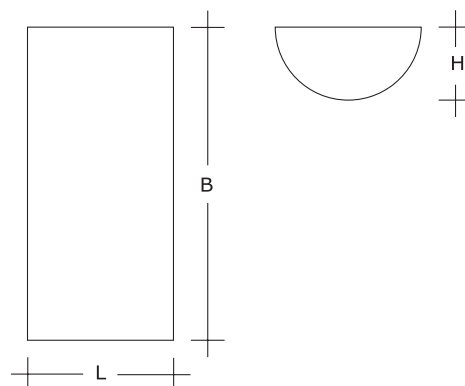
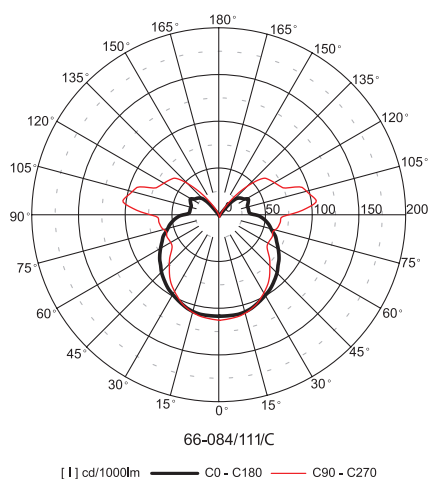
Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: on a wall

Application:

reception desks, corridors, entry halls, restaurants, conference rooms



Code	Power	Cap	LxBxH (mm)	Color of glass	kg
66-081/206/-	A 2x60W	E 14	150x300x75	white	1,2
66-084/111/C	TC-EL 1x11W	2G7	150x300x75	white	1,2
66-081/206/----R	A 2x60W	E 14	150x300x75	blue	1,2
66-084/111/C---R	TC-EL 1x11W	2G7	150x300x75	blue	1,2
66-081/206/----T	A 2x60W	E 14	150x300x75	green	1,2
66-084/111/C---T	TC-EL 1x11W	2G7	150x300x75	green	1,2
66-081/206/----U	A 2x60W	E 14	150x300x75	yellow	1,2
66-084/111/C---U	TC-EL 1x11W	2G7	150x300x75	yellow	1,2

R - color - - white
 R - blue
 T - green
 U - yellow

Ceiling luminaires

Material:

- glass: blowing by hand, three-layers
- color: white, opaline
- body: white painted steel sheet

Degree of protection: IP 20

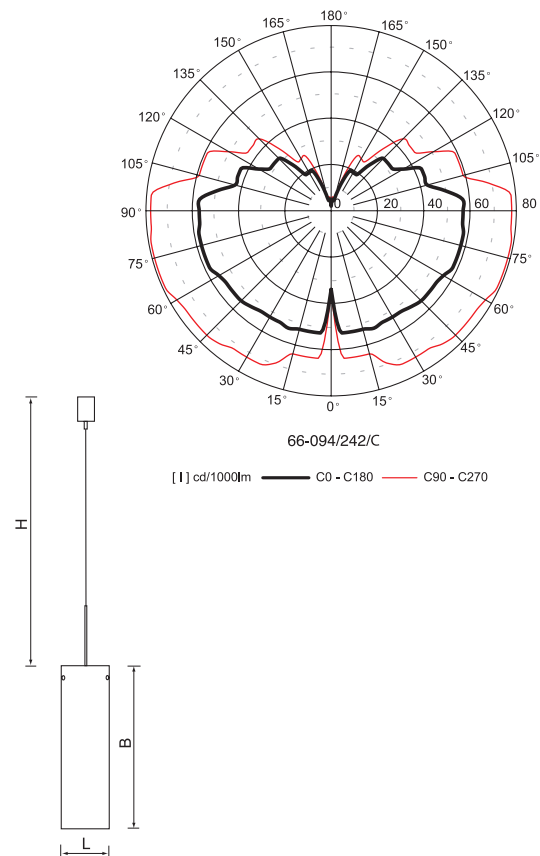
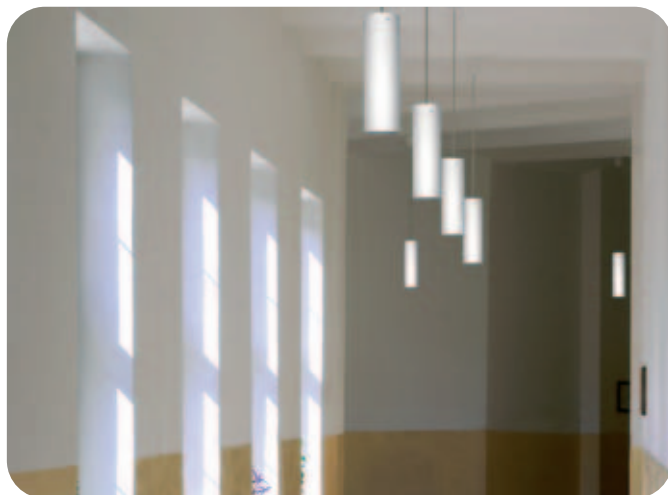
Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: white self-carrying conductor reinforced with a steel wire with white painted steel elements of minimum length 500mm

Application:

reception desks, corridors, entry halls, restaurants, conference rooms



Code	Power	Cap	LxBxH (mm)	kg
66-091/110/-	A 1x100W	E 27	150x300x1700	1,8
66-091/150/-	A 1x150W	E 27	150x500x1500	3,0
66-094/126/C	TC-TEL 1x26W	GX24q-3	150x300x1700	2,0
66-094/242/C	TC-TEL 2x42W	GX24q-4	150x500x1500	3,6



Spotlights

Material:

- body: steel-aluminium sheet finished by powder technology varnishing
- color: structured metallic gray

Degree of protection: IP 20

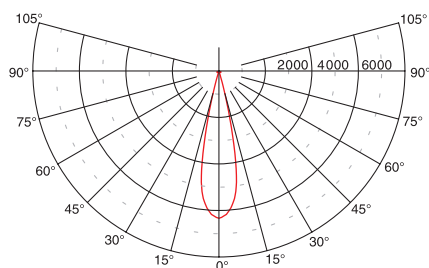
Rated voltage: 12V

Control gear:

connection to the power supply by transformer 230V/12V
- transformer is supplied with luminaire.

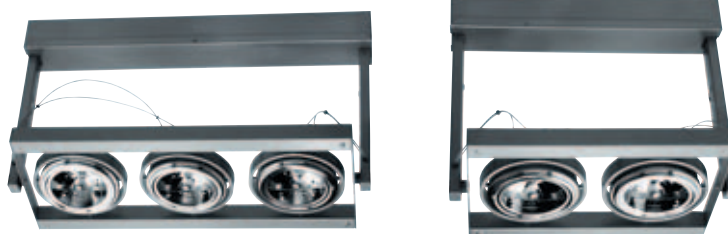
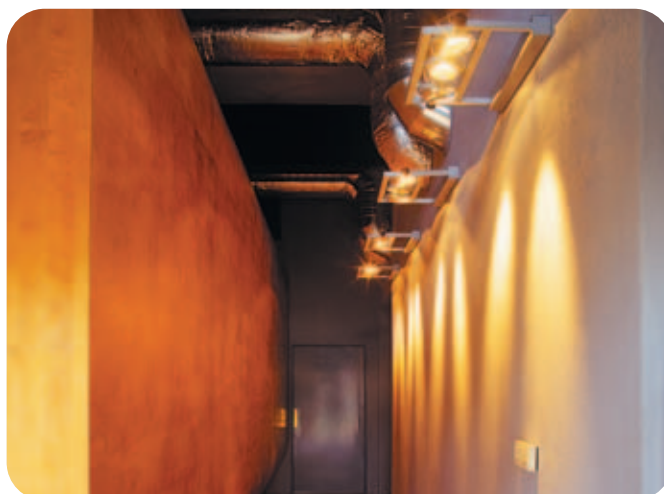
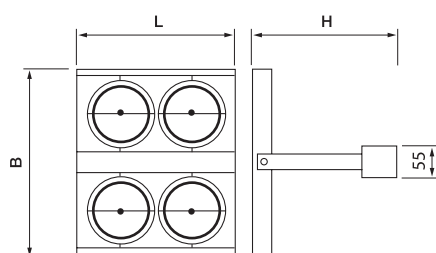
Mounting: on a ceiling or wall

Application: shops, reception desks, shop-windows, vestibules, restaurants



light distribution curves depend on type of the lamps QR 111.

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Cap	LxBxH (mm)	kg
68-012/210/N---[5]	QR111 2x max. 50W	G53	304x198x232	1,7
68-012/310/N---[5]	QR111 3x max. 50W	G53	454x198x232	2,2
68-012/410/N---[5]	QR111 4x max. 50W	G53	304x370x272	2,9

the mark [5] attend to differentiate color of luminaire:

-- white color RAL 9003

5 - structured metallic gray

N - luminaire is supplied with electronic transformer 230V/12V

Spotlights

Material:

- body: steel-aluminium sheet finished by powder technology varnishing
- color: structured metallic gray

Degree of protection: IP 20

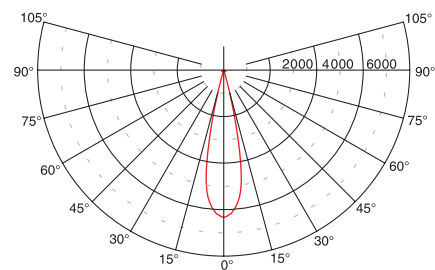
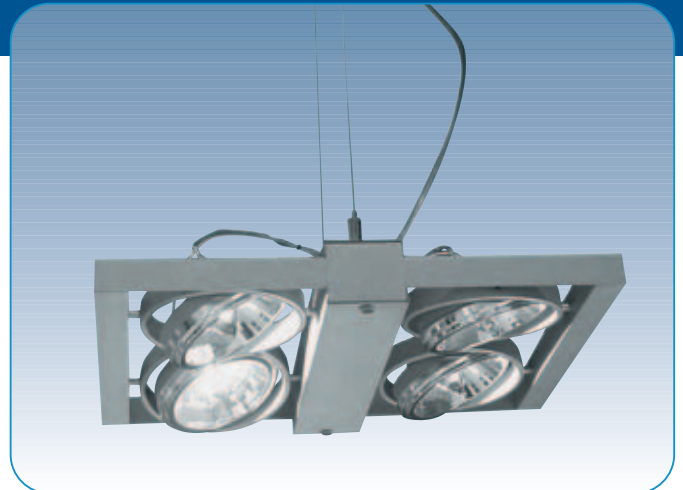
Rated voltage: 12V

Control gear:

connection to the power supply by transformer 230V/12V
- transformer is supplied with luminaire.

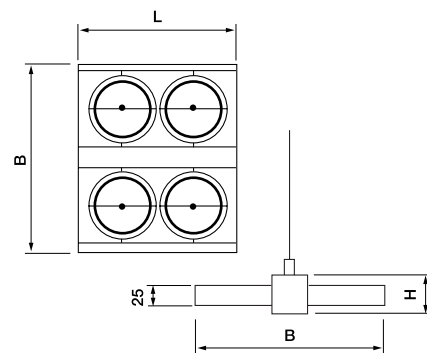
Mounting: on pendant

Application: shops, reception desks, shop-windows, vestibules, restaurants



light distribution curves depend on type of the lamps QR 111.

[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Cap	LxBxH (mm)	kg
68-022/410/N---[5]	QR111 4x max. 50W	G53	410x304	2,6

the mark [5] attend to differentiate color of luminaire:
- - white color RAL 9003
5 - structured metallic gray

N - luminaire is supplied with electronic transformer 230V/12V

rondo | 79-01, 79-02, 79-03

Ceiling and suspended luminaires - direct/indirect



Material:

- body: matted anodized aluminium finished by powder technology varnishing
- color: silver RAL 9006
- reflector: matted anodized aluminium
- diffuser: prismatic

Degree of protection: IP 20

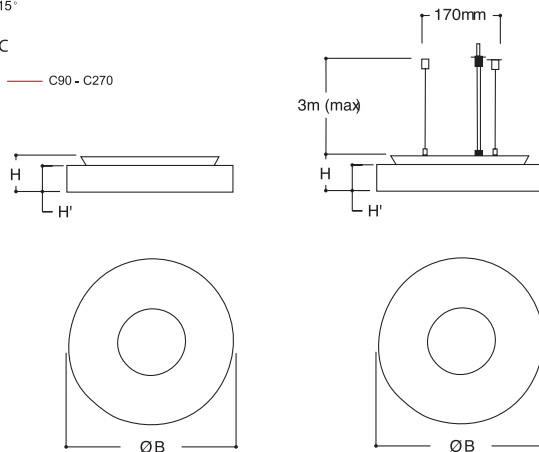
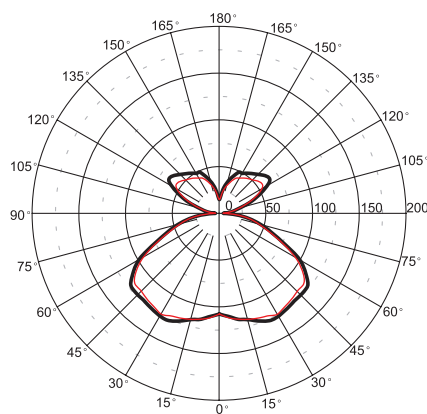
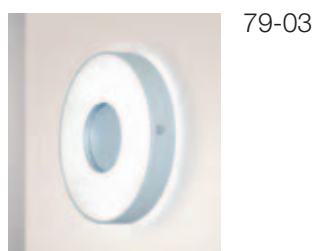
Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: 79-01 ceiling mounting
79-02 mounting on pendants
79-03 wall mounting

Accessories: must be ordered separately (see page Accessories serie 79)

Application: offices, corridors and stairways, shops, reception desks



Code	Power	Lamp	Cap	ØBxH/H' (mm)	kg
79-014/140/C	1x40W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7
79-014/155/C	1x55W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7
79-014/262/C	1x22W+1x40W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7
79-024/140/C	1x40W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7
79-024/155/C	1x55W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7
79-024/262/C	1x22W+1x40W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7
79-034/122/C	1x22W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7
79-034/140/C	1x40W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7
79-034/155/C	1x55W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7
79-034/262/C	1x22W+1x40W	T5 circ. fluor. lamp	2GX13	354x80/56	2,7

79-04, 79-05, 79-06 | rondo

Ceiling and suspended luminaires - direct/indirect

Material:

- body: matted anodized aluminium finished by powder technology varnishing
- color: silver RAL 9006
- reflector: matted anodized aluminium
- diffuser: prismatic

Degree of protection: IP 20

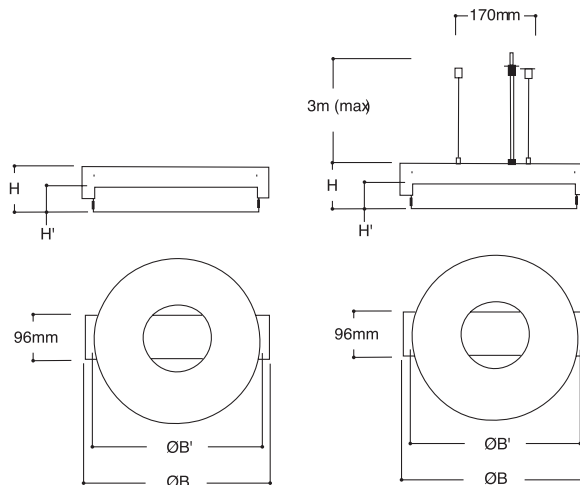
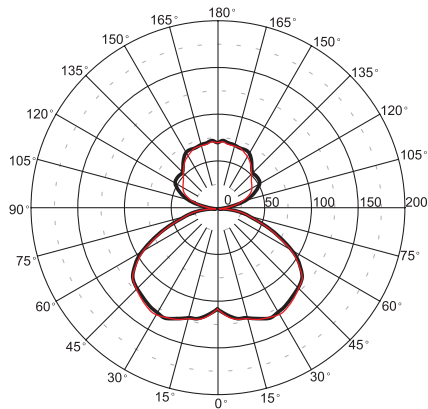
Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: 79-04 ceiling mounting
79-05 mounting on pendants
79-06 wall mounting

Accessories: must be ordered separately (see page Accessories serie 79)

Application: offices, corridors and stairways, shops, reception desks



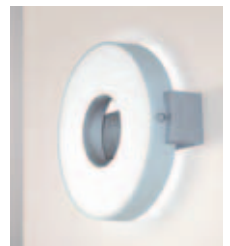
79-04



79-05



79-06

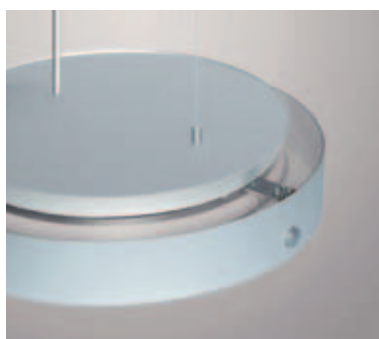
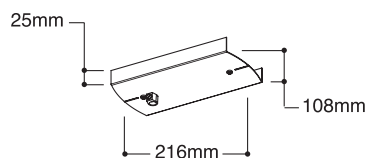


Code	Power	Lamp	Cap	ØB/B'xH/H' (mm)	kg
79-044/140/C	1x40W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9
79-044/155/C	1x55W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9
79-044/262/C	1x22W+1x40W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9
79-054/140/C	1x40W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9
79-054/155/C	1x55W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9
79-054/262/C	1x22W+1x40W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9
79-064/122/C	1x22W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9
79-064/140/C	1x40W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9
79-064/155/C	1x55W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9
79-064/262/C	1x22W+1x40W	T5 circ. fluor. lamp	2GX13	398/354x100/56	2,9

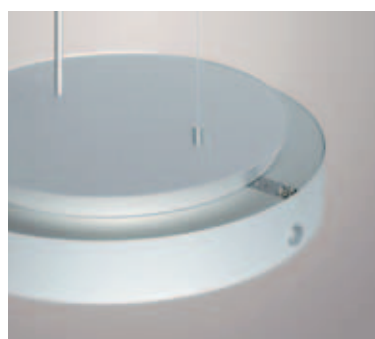
rondo | Accessories of the series 79



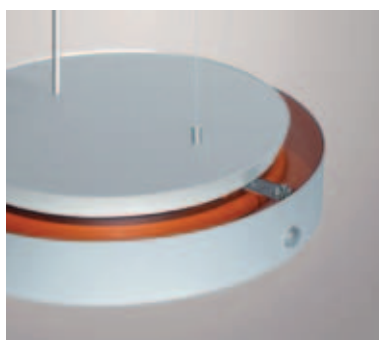
99-740 ceiling canopy (for 79-02, 79-05)



99-741 dust cover transparent



99-745 direct reflector panel set



99-742 color sheet - blue

99-743 color sheet - red

99-744 color sheet - amber



99-746 integral 1 hour emergency lighting (79-04, 79-05, 79-06)

99-747 ceiling canopy including 1 hour emergency lighting (for 79-02)

80-01, 80-02, 80-03, 80-04, 80-05, 80-06 | lupus

Recessed luminaires with LED's

Material:

- body: made of non-corroding steel
- LED's color: white, blue, green, yellow, orange, red
- number LED's: 12

Degree of protection: IP 66

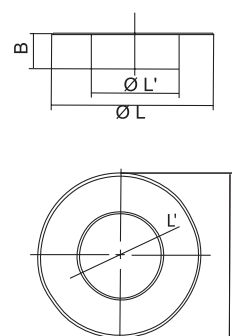
Rated voltage: 12V/50Hz, 12V/DC, 12V/HF

Power-supply unit is not component of the luminaire.

Mounting: recessed mounting into ceiling or wall or ground

Application:

night clubs, restaurants, reception desks, shop-windows, precincts



Code	Power	Lamp	LED's color	LxL'xB (mm)	kg
80-019/112/-	960mW	LED	white	82x53x20	0,2
80-029/112/-	960mW	LED	blue	82x53x20	0,2
80-039/112/-	960mW	LED	green	82x53x20	0,2
80-049/112/-	960mW	LED	yellow	82x53x20	0,2
80-059/112/-	960mW	LED	orange	82x53x20	0,2
80-069/112/-	960mW	LED	red	82x53x20	0,2



Downlights



Downlights

Material:

- body: aluminium sheet finished by powder technology varnishing
- color: white RAL 9003
- reflector: matted aluminium sheet
- cover: glass

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear:

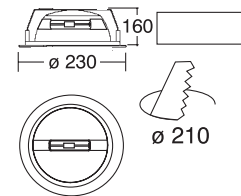
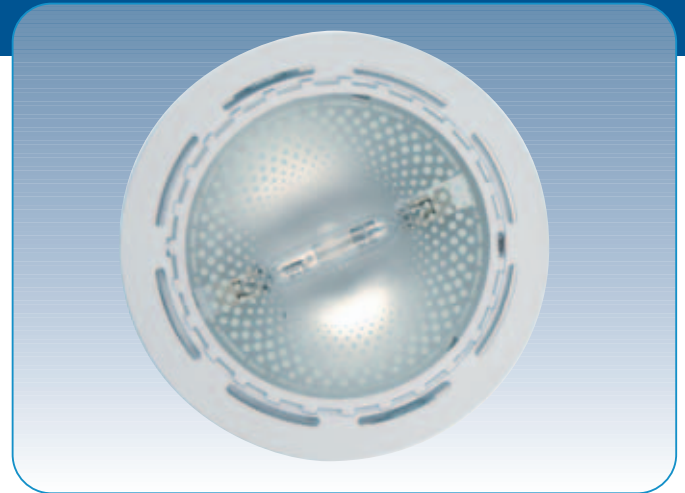
luminaire with discharge lamp:

standard ballast – parallel compensation or electronic ballast

Mounting: recessed mounting in panel ceilings with maximum width 20mm

Application:

reception desks, corridors and stairways, entry halls, restaurants



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-447/107/□	1x70W	metal halide lamp	Rx7s	Ø 210 mm	230x160	2,9
33-447/115/□	1x150W	metal halide lamp	Rx7s	Ø 210 mm	230x160	4,0

- - B (standard ballast with parallel compensation)
- C (electronic ballast)



Downlights

Material:

- body: plastic
- color: white RAL 9003
- reflector: polycarbonate, coating with aluminium
- louvre: anti-glare turbo louvre
- cover: clear, opaline, semi-matted plastic cover (IP44)

Degree of protection: IP 20/IP 44

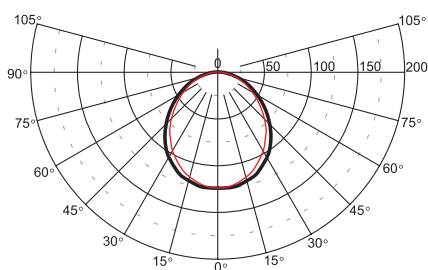
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast; dimmable ballast on request; the luminaires are offered also in emergency version (in case of power failure one lamp works)

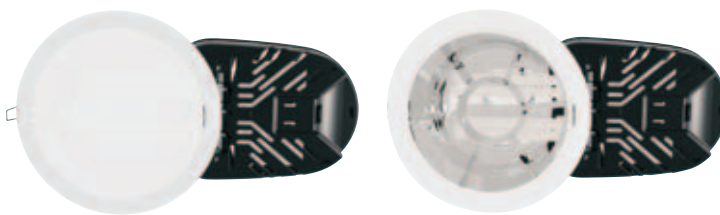
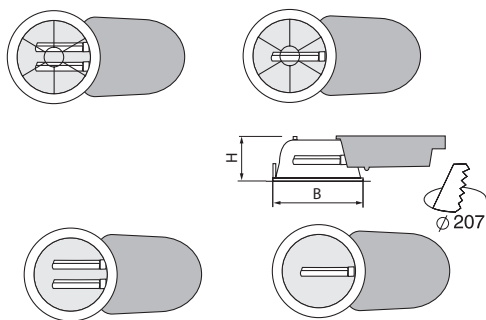
Mounting: recessed mounting in panel ceilings with maximum width 20mm

Application:

reception desks, corridors and stairways, entry halls, restaurants



33-494/242/CZ
[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-494/113/[1][2]	1x13W	comp. fl. lamp	G24d(q)-1	Ø 207 mm	230x105	1,0
33-494/118/[1][2]	1x18W	comp. fl. lamp	G24d(q)-2	Ø 207 mm	230x105	1,1
33-494/126/[1][2]	1x26W	comp. fl. lamp	G24d(q)-3	Ø 207 mm	230x105	1,3
33-494/132/C[2]	1x32W	comp. fl. lamp	GX24q-3	Ø 207 mm	230x105	1,0
33-494/142/C[2]	1x42W	comp. fl. lamp	GX24q-4	Ø 207 mm	230x105	1,0
33-494/213/[1][2]	2x13W	comp. fl. lamp	G24d(q)-1	Ø 207 mm	230x105	1,2
33-494/218/[1][2]	2x18W	comp. fl. lamp	G24d(q)-2	Ø 207 mm	230x105	1,4
33-494/226/[1][2]	2x26W	comp. fl. lamp	G24d(q)-3	Ø 207 mm	230x105	1,8
33-494/232/C[2]	2x32W	comp. fl. lamp	GX24q-3	Ø 207 mm	230x105	1,0
33-494/242/C[2]	2x42W	comp. fl. lamp	GX24q-4	Ø 207 mm	230x105	1,0

[1] - D (low loss ballast, non compensated)
- E (low loss ballast, parallel compensation)
- C (electronic ballast)

[2] - (open reflector, without louvre and glass)
- B (anti-glare turbo louvre)
- Q (clear plastic cover)
- Z (opaline plastic cover)
- M (semi-matted plastic cover)

Downlights

Material:

- body: a steel sheet finished varnishing
- color: white RAL 9003
- reflector: polished smooth aluminium reflector

Degree of protection: IP 20

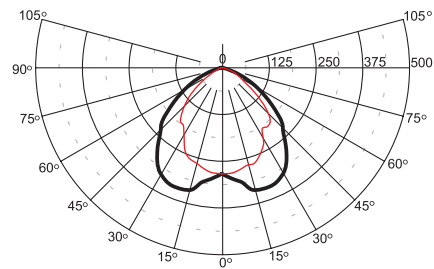
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast on request; the fixtures are offered also in emergency version. Control gear and lamp segments are interconnected by cable finished by connector.

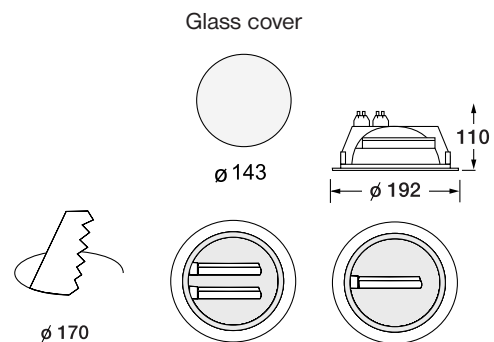
Mounting: recessed mounting in panel ceilings with maximum width of 30mm

Accessories: must be specially ordered
 clear glass cover 99-690/S1
 opaline glass cover 99-690/S3
 Glass covers are only for two lamp luminaires.

Application:
 reception desks, corridors and stairways, entry halls, restaurants



33-504/226/C
 [1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-504/113/□	1x13W	comp. fl. lamp	G24d(q)-1	Ø170 mm	192x110	1,0
33-504/118/□	1x18W	comp. fl. lamp	G24d(q)-2	Ø170 mm	192x110	1,0
33-504/126/□	1x26W	comp. fl. lamp	G24d(q)-3	Ø170 mm	192x110	1,2
33-504/213/□	2x13W	comp. fl. lamp	G24d(q)-1	Ø170 mm	192x110	1,5
33-504/218/□	2x18W	comp. fl. lamp	G24d(q)-2	Ø170 mm	192x110	1,5
33-504/226/□	2x26W	comp. fl. lamp	G24d(q)-3	Ø170 mm	192x110	1,9

□ - D (low loss ballast, non compensated)
 - E (low loss ballast, parallel compensation)
 - C (electronic ballast)



Downlights

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered
- reflector: polished aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

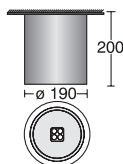
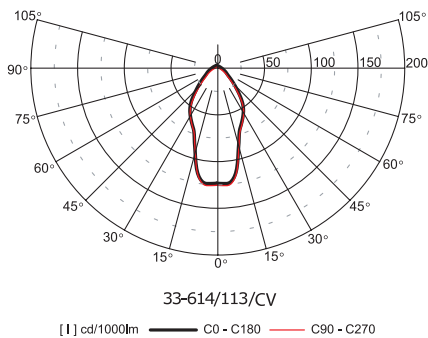
Control gear: low loss ballast or electronic ballast; dimmable ballast must be specially ordered

Mounting: built up on ceiling

Accessories: For accessories see Accessories of the series 33

Application:

reception desks, corridors and stairways, entry halls, restaurants



Code	Power	Lamp	Cap	BxH (mm)	kg
33-614/109/ ¹ V- ⁴	1x9W	comp. fl. lamp	G23(2G7)	190x200	1,4
33-614/113/ ¹ V- ⁴	1x13W	comp. fl. lamp	G24d(q)1	190x200	1,4
33-614/118/ ¹ V- ⁴	1x18W	comp. fl. lamp	G24d(q)2	190x200	1,5
33-614/126/ ¹ V- ⁴	1x26W	comp. fl. lamp	G24d(q)3	190x200	1,7
33-614/132/CV- ⁴	1x32W	comp. fl. lamp	GX24q3	190x200	1,4
33-614/142/CV- ⁴	1x42W	comp. fl. lamp	GX24q4	190x200	1,4

- ¹ - D (low loss ballast, non compensated)
 - E (low loss ballast, parallel compensation)
 - C (electronic ballast)

- ⁴ - - (standard version)
 - D (version suitable for accessories)

Downlights

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered
- louvre: anti-glare turbo louvre
- reflector: polished aluminium sheet

Degree of protection: IP 20

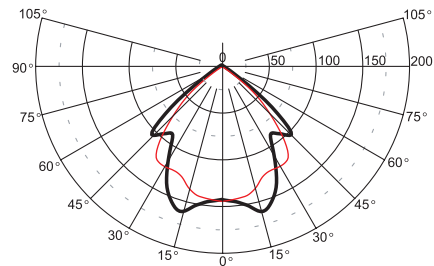
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast; dimmable ballast must be specially ordered

Mounting: built up on ceiling

Application:

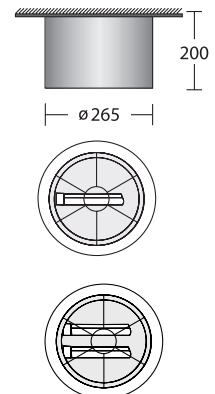
reception desks, corridors and stairways, entry halls, offices, lecture rooms



33-654/142

[1] cd/1000lm — C0 - C180 — C90 - C270

Code	Power	Lamp	Cap	BxH (mm)	kg
33-654/118/□	1x18W	comp. fl. lamp	G24d(q)2	265x200	2,5
33-654/126/□	1x26W	comp. fl. lamp	G24d(q)3	265x200	2,7
33-654/132/C	1x32W	comp. fl. lamp	GX24q3	265x200	2,5
33-654/142/C	1x42W	comp. fl. lamp	GX24q4	265x200	2,5
33-654/218/□	2x18W	comp. fl. lamp	G24d(q)2	265x200	2,8
33-654/226/□	2x26W	comp. fl. lamp	G24d(q)3	265x200	3,1
33-654/232/C	2x32W	comp. fl. lamp	GX24q3	265x200	2,5
33-654/242/C	2x42W	comp. fl. lamp	GX24q4	265x200	2,5



- - D (low loss ballast, non compensated)
- E (low loss ballast, parallel compensation)
- C (electronic ballast)



Downlights

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered
- reflector: polished smooth or faceted aluminium sheet

Degree of protection: IP 20

Rated voltage: 230V/50Hz

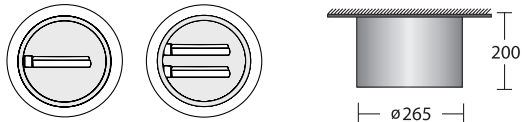
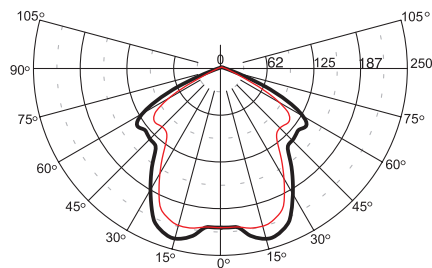
Control gear: low loss ballast or electronic ballast;
dimmable ballast must be specially ordered

Mounting: built up on ceiling

Accessories: For accessories see Accessories of the series 33

Application:

reception desks, corridors and stairways, entry halls, restaurants



Code	Power	Lamp	Cap	BxH (mm)	kg
33-664/118/1-2-4	1x18W	comp. fl. lamp	G24d(q)2	265x200	2,2
33-664/126/1-2-4	1x26W	comp. fl. lamp	G24d(q)3	265x200	2,4
33-664/132/C-2-4	1x32W	comp. fl. lamp	GX24q3	265x200	2,2
33-664/142/C-2-4	1x42W	comp. fl. lamp	GX24q4	265x200	2,2
33-664/218/1-2-4	2x18W	comp. fl. lamp	G24d(q)2	265x200	2,6
33-664/226/1-2-4	2x26W	comp. fl. lamp	G24d(q)3	265x200	2,9
33-664/232/C-2-4	2x32W	comp. fl. lamp	GX24q3	265x200	2,2
33-664/242/C-2-4	2x42W	comp. fl. lamp	GX24q4	265x200	2,2

- 1 - D (low loss ballast, non compensated)
- E (low loss ballast, parallel compensation)
- C (electronic ballast)

- 2 - V (polished smooth reflector)
- U (polished faceted reflector)

- 4 - - (standard version)
- D (version suitable for accessories)

Downlights

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered
- reflector: matted aluminium sheet
- cover glass is supplied with luminaire

Degree of protection: IP 20

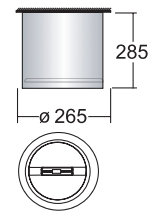
Rated voltage: 230V/50Hz

Control gear: standard ballast or electronic ballast

Mounting: built up on ceiling

Application:

reception desks, corridors and stairways, entry halls



Code	Power	Lamp	Cap	BxH (mm)	kg
33-687/107/□	1x70W	metal halide lamp	Rx7s	265x285	4,7

- - B (standard ballast, parallel compensation)
 - C (electronic ballast)

crater | 33-72, 33-77



Rectangular recessed - downlights

Material:

- body: aluminium sheet finished by powder technology varnishing
- color: white RAL 9003; structured silver or anodized aluminium and others RAL colors on request
- reflector: polished aluminium sheet 33-77
white 33-72

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast; dimmable ballast must be specially ordered; the fixtures are offered also in emergency version

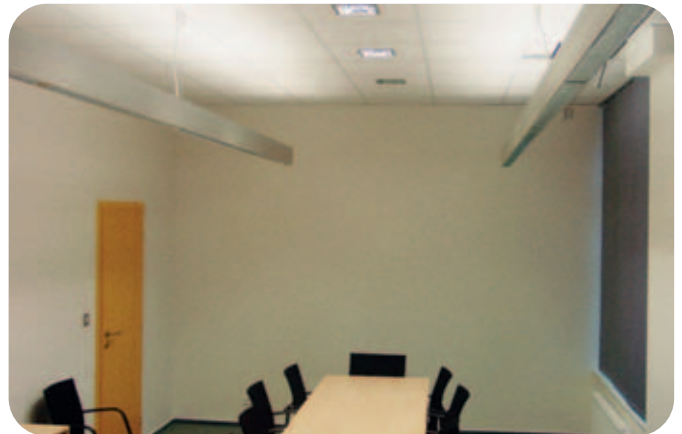
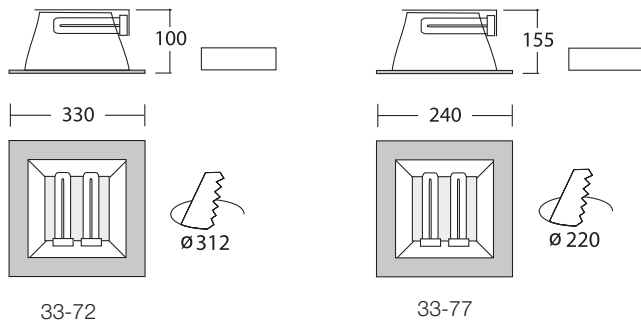
Accessories: (must be ordered separately)

- 99-681 opaline glass cover (33-72)
- 99-682 opaline acrylic sheet (33-77)
- 99-683 opaline glass cover (33-72)
- 99-684 opaline acrylic sheet (33-72)

Mounting: recessed mounting in panel ceilings with maximum width 20mm

Application:

reception desks, corridors and stairways, entry halls, restaurants



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-724/218/1--D	2x18W	comp. fl. lamp	G24d(q)2	Ø 312 mm	330x100	2,5
33-724/226/1--D	2x26W	comp. fl. lamp	G24d(q)3	Ø 312 mm	330x100	2,9
33-724/232/C--D	2x32W	comp. fl. lamp	GX24d(q)3	Ø 312 mm	330x100	2,3
33-724/242/C--D	2x42W	comp. fl. lamp	GX24d(q)4	Ø 312 mm	330x100	2,3
33-724/318/1--D	3x18W	comp. fl. lamp	GX24d(q)2	Ø 312 mm	330x100	3,1
33-724/326/1--D	3x26W	comp. fl. lamp	GX24d(q)3	Ø 312 mm	330x100	3,6
33-724/236/1--D	2x36W	comp. fl. lamp	2G10	Ø 312 mm	330x100	2,9
33-724/332/C--D	3x32W	comp. fl. lamp	GX24q3	Ø 312 mm	330x100	2,8
33-724/342/C--D	3x42W	comp. fl. lamp	GX24q4	Ø 312 mm	330x100	2,8
33-774/213/1--4	2x13W	comp. fl. lamp	G24d(q)1	Ø 220 mm	240x155	1,9
33-774/218/1--4	2x18W	comp. fl. lamp	G24d(q)2	Ø 220 mm	240x155	2,1
33-774/226/1--4	2x26W	comp. fl. lamp	G24d(q)3	Ø 220 mm	240x155	2,4

1 - D (low loss ballast, non compensated)
 - E (low loss ballast, parallel compensation)
 - C (electronic ballast)

4 - (standard version)
 - D (version suitable for accessories)

Downlights

Material:

- body: a steel sheet finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered
- reflector: polished smooth or faceted aluminium reflector

Degree of protection: IP 20

Rated voltage: 230V/50Hz

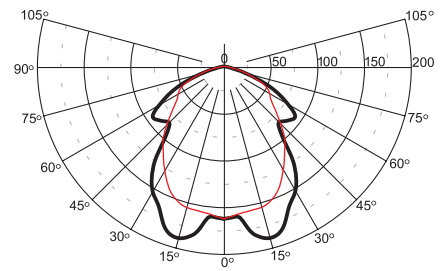
Control gear: low loss ballast or electronic ballast; dimmable ballast must be specially ordered; the fixtures are offered also in emergency version

Mounting: recessed mounting in panel ceilings with maximum width of 20mm

Accessories: for accessories see Accessories of the series 33

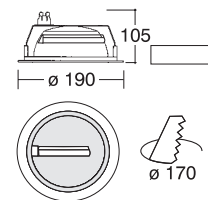
Application:

reception desks, corridors and stairways, entry halls, restaurants



33-804/226

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-804/109/[1][2]-[4]	1x9W	comp. fl. lamp	G23(2G7)	Ø 170 mm	190x105	1,2
33-804/113/[1][2]-[4]	1x13W	comp. fl. lamp	G24d(q)-1	Ø 170 mm	190x105	1,2
33-804/118/[1][2]-[4]	1x18W	comp. fl. lamp	G24d(q)-2	Ø 170 mm	190x105	1,3
33-804/126/[1][2]-[4]	1x26W	comp. fl. lamp	G24d(q)-3	Ø 170 mm	190x105	1,4
33-804/209/[1][2]-[4]	2x9W	comp. fl. lamp	G23(2G7)	Ø 170 mm	190x105	1,6
33-804/213/[1][2]-[4]	2x13W	comp. fl. lamp	G24d(q)-1	Ø 170 mm	190x105	1,6
33-804/218/[1][2]-[4]	2x18W	comp. fl. lamp	G24d(q)-2	Ø 170 mm	190x105	1,8
33-804/226/[1][2]-[4]	2x26W	comp. fl. lamp	G24d(q)-3	Ø 170 mm	190x105	2,0

- [1] - D (low loss ballast, non compensated)
- E (low loss ballast, parallel compensation)
- C (electronic ballast)

- [2] - V (polished smooth reflector)
- U (polished faceted reflector)

- [4] - (standard version)
- D (version suitable for accessories)



Downlights

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered
- reflector: polished aluminium
- louvre: cross louvre

Degree of protection: IP 20

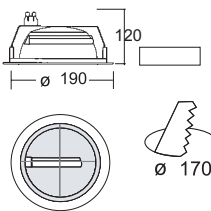
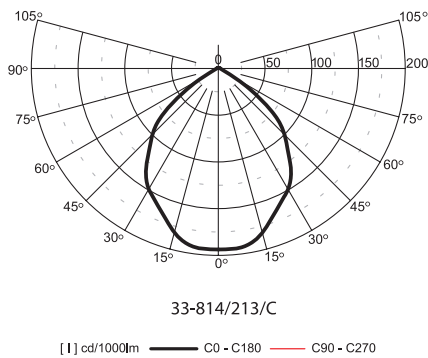
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, dimmable ballast must be specially ordered; the fixture is offered also in emergency version

Mounting: recessed mounting in panel ceilings with maximum width 20mm

Application:

reception desks, corridors and stairways, entry halls, restaurants



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-814/109/□	1x9W	comp. fl. lamp	G23(2G7)	Ø 170 mm	190x120	1,3
33-814/113/□	1x13W	comp. fl. lamp	G24d(q)-1	Ø 170 mm	190x120	1,3
33-814/118/□	1x18W	comp. fl. lamp	G24d(q)-2	Ø 170 mm	190x120	1,4
33-814/209/□	2x9W	comp. fl. lamp	G23(2G7)	Ø 170 mm	190x120	1,7
33-814/213/□	2x13W	comp. fl. lamp	G24d(q)-1	Ø 170 mm	190x120	1,7
33-814/218/□	2x18W	comp. fl. lamp	G24d(q)-2	Ø 170 mm	190x120	1,9

- - D (low loss ballast, non compensated)
- E (low loss ballast, parallel compensation)
- C (electronic ballast)

Downlights

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered
- reflector: matted aluminium sheet

Glass cover is a component of the luminaire.

Degree of protection: IP 20

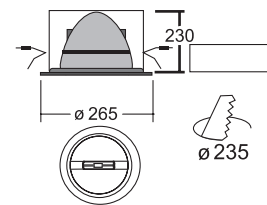
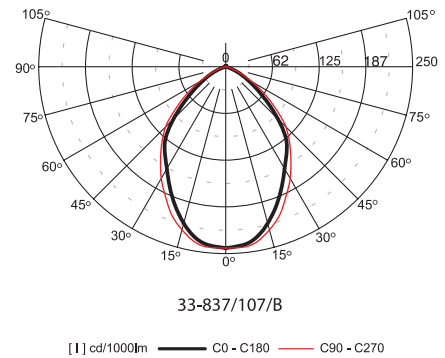
Rated voltage: 230V/50Hz

Control gear: standard ballast or electronic ballast

Mounting: recessed mounting in panel ceilings with maximum width 20mm

Application:

reception desks, corridors and stairways, entry halls, restaurants



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-837/107/□	1x70W	metal halide lamp	Rx7s	Ø 235 mm	265x230	3,1
33-837/115/□	1x150W	metal halide lamp	Rx7s	Ø 235 mm	265x230	4,1

- - B (standard ballast, parallel compensation)
 - C (electronic ballast)

crater | 33-84



Downlights

Material:

- body: aluminium casting finished by powder technology varnishing
- color: white RAL 9003; others RAL color must be specially ordered

Degree of protection: IP 20

Rated voltage: 230V/50Hz

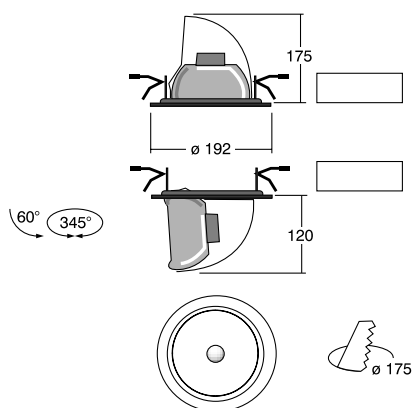
Control gear: standard ballast or electronic ballast

Mounting: recessed mounting in panel ceilings with maximum width of 20 mm

Accessories: clear glass cover (supplied with fixture)

Application:

reception desks, corridors and stairways, entry halls



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-847/107/1	1x70W	metal halide lamp	G12	Ø 175 mm	192x175	3,0
33-847/115/1	1x150W	metal halide lamp	G12	Ø 175 mm	192x175	4,1

- 1 - B (standard ballast, parallel compensation)
 - C (electronic ballast)

Downlights

Material:

- body: aluminium casting finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered

Degree of protection: IP 20

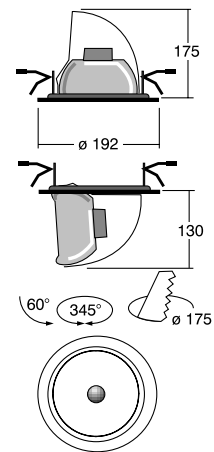
Rated voltage: 12V

Mounting: recessed mounting in panel ceilings with maximum width of 20mm

Accessories: fixtures are supplied without lamps and transformers

Application:

reception desks, corridors and stairways, entry halls, restaurants



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-862/110/-	1x35-100W	tungsten-halogen lamp	G53	Ø 175 mm	192x175	1,4

crater | 33-97, 33-98



Downlights

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered
- louvre: anti-glare turbo louvre
- reflector: polished aluminium

Degree of protection: IP 20

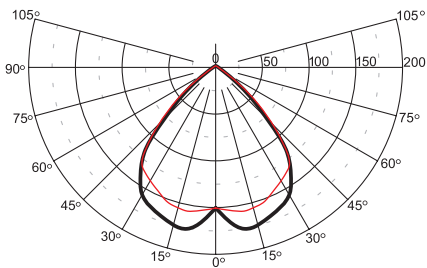
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast; dimmable ballast must be specially ordered; the fixtures are offered also in emergency version (in case of power failure one lamp works)

Mounting: recessed mounting in panel ceilings with maximum width 20mm

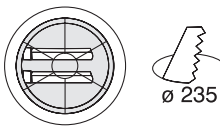
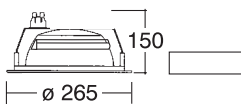
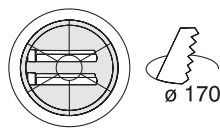
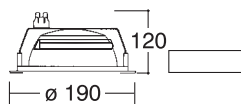
Application:

reception desks, corridors and stairways, entry halls restaurants



33-984/226

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-974/109/[1]	1x9W	comp. fl. lamp	G23(2G7)	Ø 170 mm	190x120	1,4
33-974/113/[1]	1x13W	comp. fl. lamp	G24d(q)1	Ø 170 mm	190x120	1,4
33-974/118/[1]	1x18W	comp. fl. lamp	G24d(q)2	Ø 170 mm	190x120	1,5
33-974/209/[1]	2x9W	comp. fl. lamp	G23(2G7)	Ø 170 mm	190x120	1,8
33-974/213/[1]	2x13W	comp. fl. lamp	G24d(q)1	Ø 170 mm	190x120	1,8
33-974/218/[1]	2x18W	comp. fl. lamp	G24d(q)2	Ø 170 mm	190x120	2,1
33-984/118/[1]	1x18W	comp. fl. lamp	G24d(q)2	Ø 235 mm	265x150	1,9
33-984/126/[1]	1x26W	comp. fl. lamp	G24d(q)3	Ø 235 mm	265x150	2,1
33-984/132/C	1x32W	comp. fl. lamp	GX24q3	Ø 235 mm	265x150	1,9
33-984/142/C	1x42W	comp. fl. lamp	GX24q4	Ø 235 mm	265x150	1,9
33-984/218/[1]	2x18W	comp. fl. lamp	G24d(q)2	Ø 235 mm	265x150	2,2
33-984/226/[1]	2x26W	comp. fl. lamp	G24d(q)3	Ø 235 mm	265x150	2,6
33-984/232/C	2x32W	comp. fl. lamp	GX24q3	Ø 235 mm	265x150	1,9
33-984/242/C	2x42W	comp. fl. lamp	GX24q4	Ø 235 mm	265x150	1,9

- [1] - D (low loss ballast, non compensated)
- E (low loss ballast, parallel compensation)
- C (electronic ballast)

Downlights

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003; others RAL colors must be specially ordered
- reflector: polished smooth or faceted aluminium reflector

Degree of protection: IP 20

Rated voltage: 230V/50Hz

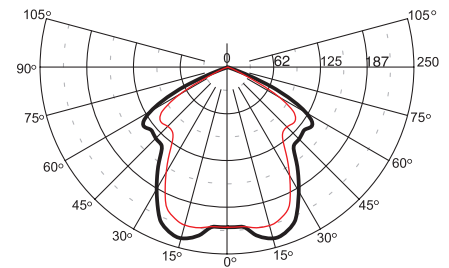
Control gear: low loss ballast or electronic ballast; dimmable ballast must be specially ordered; the fixtures are offered also in emergency version (in case of power failure one lamp works)

Mounting: recessed mounting in panel ceilings with maximum width of 20mm

Accessories: For accessories see Accessories of the series 33

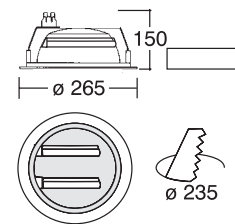
Application:

reception desks, corridors and stairways, entry halls restaurants



33-994/242

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
33-994/118/1-2-4	1x18W	comp. fl. lamp	G24d(q)2	Ø 235 mm	265x150	1,8
33-994/126/1-2-4	1x26W	comp. fl. lamp	G24d(q)3	Ø 235 mm	265x150	1,9
33-994/132/C2-4	1x32W	comp. fl. lamp	GX24q3	Ø 235 mm	265x150	1,8
33-994/142/C2-4	1x42W	comp. fl. lamp	GX24q4	Ø 235 mm	265x150	1,8
33-994/218/1-2-4	2x18W	comp. fl. lamp	G24d(q)2	Ø 235 mm	265x150	2,1
33-994/226/1-2-4	2x26W	comp. fl. lamp	G24d(q)3	Ø 235 mm	265x150	2,4
33-994/232/C2-4	2x32W	comp. fl. lamp	GX24q3	Ø 235 mm	265x150	1,8
33-994/242/C2-4	2x42W	comp. fl. lamp	GX24q4	Ø 235 mm	265x150	1,8

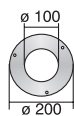
- 1 - D (low loss ballast, non compensated)
- E (low loss ballast, parallel compensation)
- C (electronic ballast)
- 2 - V (polished smooth reflector)
- U (polished faceted reflector)
- 4 - - (standard version)
- D (version suitable for accessories)

crater | Accessories of the series 33

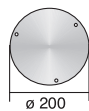
For luminaires 33-61, 33-80



99-651/S1,S3

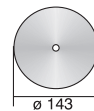


99-656/S1,S3



99-680/S1,S3

-only two lamp luminaires

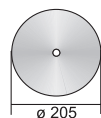


For luminaires 33-66, 33-99

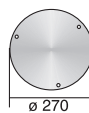


99-665/S1,S3

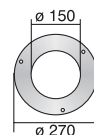
-only two lamp luminaires



99-667/S1,S3



99-669/S1,S3



Performance of glass - Glass



clear, opaline

Accessories	glass
clear	S1
opaline	S3

Downlights

Material:

- body: injection moulded polycarbonate finished by powder technology varnishing
- color: gray RAL 9006
- reflector: polished polycarbonate (63-014, 63-024), polished aluminium, adjustable (63-017)
- cover glass: tempered glass is supplied with luminaire (only 63-017)

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: recessed (63-01) and semi-recessed (63-02), recessed mounting in panel ceilings with maximum width 22mm

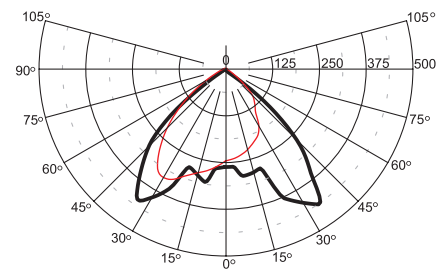
Accessories: For accessories see

Accessories of the series 63-014 a 63-024

A luminaire 63-017 is supplied without control gear (99-T63/107, must be ordered separately)

Application:

reception desks, corridors and stairways, entry halls, restaurants

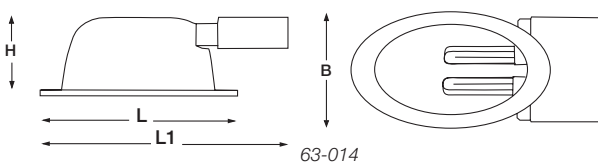


63-014/126

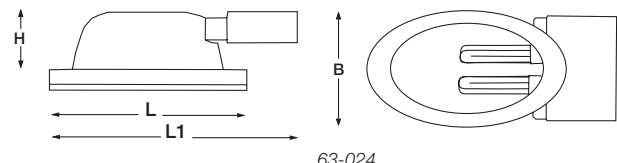
[] cd/1000lm — C0 - C180 — C90 - C270



63-017



63-014



63-024

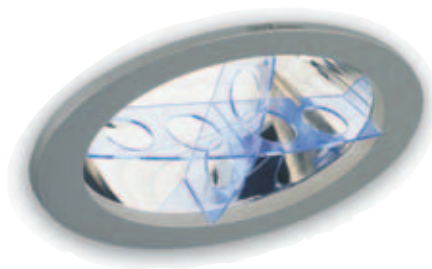
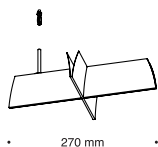
Code	Power	Lamp	Cap	Hole cut out	L1/LxBxH (mm)	kg
63-014/126/[]*	1x26W	compact fl. lamp	G24d3/GX24q-3/-4	315x185 mm	445x348x205x125	2,2
63-014/136/D	1x36W	compact fl. lamp	2G10	315x185 mm	445x348x205x125	1,5
63-014/132/C*	1x32W	compact fl. lamp	GX24q-3/-4	315x185 mm	445x348x205x125	1,5
63-014/142/C*	1x42W	compact fl. lamp	GX24q-3/-4	315x185 mm	445x348x205x125	1,5
63-014/226/[]	2x26W	compact fl. lamp	G24d(q)-3	315x185 mm	445x348x205x125	2,4
63-017/107/B	1x70W	metal halide lamp	RX7s	315x185 mm	348x205x125	1,5
63-024/126/[]*	1x26W	compact fl. lamp	G24d3/GX24q-3/-4	315x185 mm	445x348x205x100	2,6
63-024/136/D	1x36W	compact fl. lamp	2G10	315x185 mm	445x348x205x100	2,1
63-024/132/C*	1x32W	compact fl. lamp	GX24q-3/-4	315x185 mm	445x348x205x100	2,1
63-024/142/C*	1x42W	compact fl. lamp	GX24q-3/-4	315x185 mm	445x348x205x100	2,1
63-024/226/[]	2x26W	compact fl. lamp	G24d(q)-3	315x185 mm	445x348x205x100	2,8

- [] - D (low loss ballast, non compensated)
- E (low loss ballast, parallel compensation)
- C (electronic ballast)

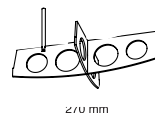
*version with EP in multi-watt performance



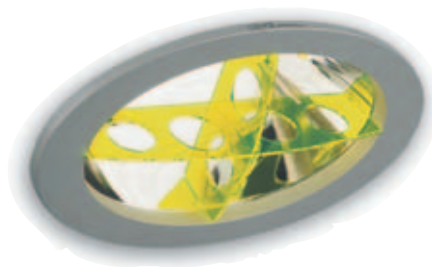
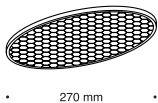
99-T63/001 Optic louvre



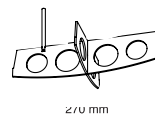
99-T63/005 Color louvre - blue



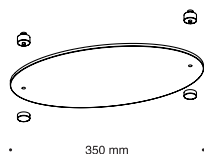
99-T63/002 Honeycomb louvre



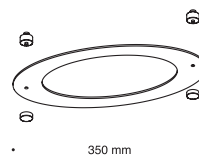
99-T63/006 Color louvre - green



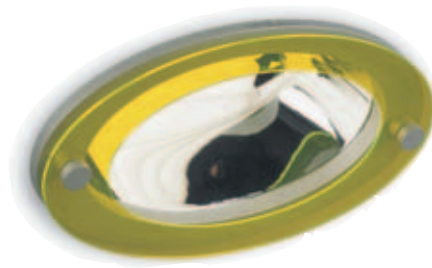
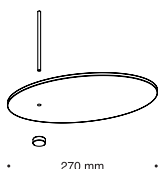
99-T63/003 Glass diffuser



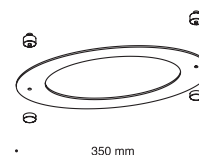
99-T63/007 Color ring - blue



99-T63/004 Waterproof glass cover IP44- only for luminaire 1x42W (max)



99-T63/008 Color ring - green



Rectangular recessed - downlights

Material:

- rim: steel sheet finished by powder technology varnishing
- color: gray RAL 9006
- reflector: matted aluminium 99,95%

Degree of protection: IP 20

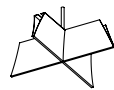
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: recessed mounting in panel ceilings with maximum width 22mm

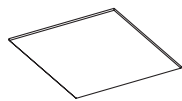
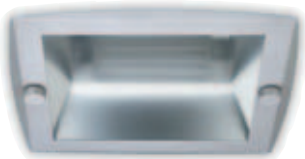
Application:

reception desks, corridors and stairways, entry halls, restaurants



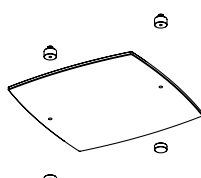
• 210 mm •

Accessories (must be ordered separately):
99-T63/011 Optic louvre



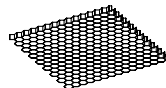
• 210x210 mm •

Accessories (must be ordered separately):
99-T63/013 Waterproof cover IP44 (max 2x32W)



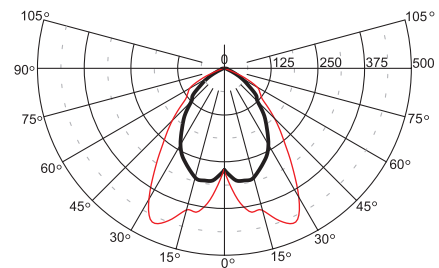
• 270 mm •

Accessories (must be ordered separately):
99-T63/014 Glass diffuser (max 2x32W)

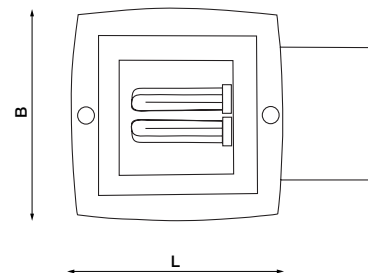
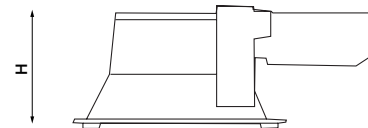


• 205x205 mm •

Accessories (must be ordered separately):
99-T63/012 Honeycomb louvre



[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	Hole cut out	LxBxH (mm)	kg
63-034/142/C*	1x42W	compact fl. lamp	GX24q-3/-4	Ø 220 mm	250x250x140	1,8
63-034/226/□*	2x26W	compact fl. lamp	G24d3/GX24q-3/-4	Ø 220 mm	250x250x140	2,6
63-034/232/C*	2x32W	compact fl. lamp	GX24q-3/-4	Ø 220 mm	250x250x140	1,8
63-034/242/C	2x42W	compact fl. lamp	GX24q-4	Ø 220 mm	250x250x140	1,8

- - D (low loss ballast, non compensated)
- E (low loss ballast, parallel compensation)
- C (electronic ballast)

*version with EP in multi-watt performance

Downlights



Material:

- body: made of plastic
- color: gray RAL 9006
- reflector: aluminium 99,98%; dual finish: polished/matted

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: recessed mounting in panel ceilings

Accessories: (must be ordered separately)

99-T63/027-decor floating glass

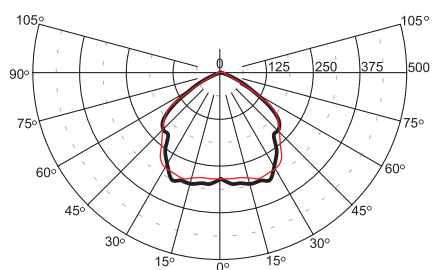
99-T63/028-honeycomb louvre

99-T63/029-polycarbonate diffuser clear glass IP44

(only for two lamps luminaires)

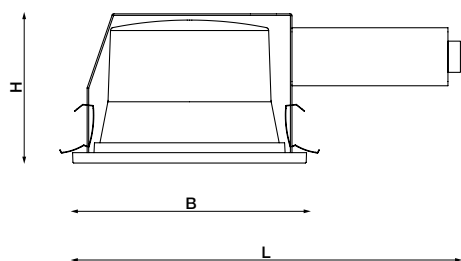
Application:

reception desks, entry halls, vestibules, restaurants



63-114/126

[l] cd/1000lm — C0 - C180 — C90 - C270



99-T63/027



99-T63/028



99-T63/029



Code	Power	Lamp	Cap	Hole cut out	LxBxH (mm)	kg
63-114/110/D	1x10W	compact fl. lamp	G24d-1	Ø 167 mm	320x200x140	1,6
63-114/113/D	1x13W	compact fl. lamp	G24d-1	Ø 167 mm	320x200x140	1,6
63-114/118/D	1x18W	compact fl. lamp	G24d-2	Ø 167 mm	320x200x140	1,8
63-114/126/C*	1x26W	compact fl. lamp	GX24q-3/-4	Ø 167 mm	320x200x140	1,2
63-114/132/C*	1x32W	compact fl. lamp	GX24q-3/-4	Ø 167 mm	320x200x140	1,2
63-114/210/D	2x10W	compact fl. lamp	G24d-1	Ø 167 mm	320x200x140	1,8
63-114/213/D	2x13W	compact fl. lamp	G24d-1	Ø 167 mm	320x200x140	1,8
63-114/218/D	2x18W	compact fl. lamp	G24d-2	Ø 167 mm	320x200x140	1,8

- D (low loss ballast, non compensated)

- C (electronic ballast)

*version with EP in multi-watt performance

Downlights

Material:

- body: made of plastic
- color: gray RAL 9006
- reflector: aluminium 99,98%, dual finish: polished/matted

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: recessed mounting in panel ceilings

Accessories: (must be ordered separately)

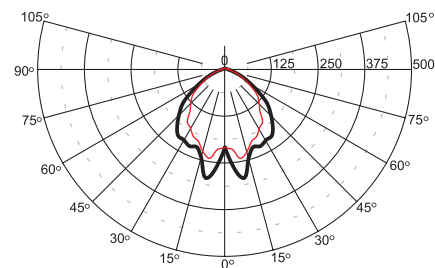
- 99-T63/030 -floating glass-frosted
- 99-T63-031 -floating glass ring-frosted
- 99-T63/032 -honeycomb louvre
- 99-T63/034 -protective metal grid
- 99-T63-037 -casting drum aluminium

Only for two lamps luminaires:

- 99-T63/033 -diffuser clear IP44 polycarbonate
- 99-T63/035 - 4-vane louvre
- 99-T63/036 - 7-vane louvre

Application:

reception desks, corridors and stairways, vestibules, restaurants



63-124/226/C

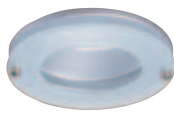
[1] cd/1000lm — C0 - C180 — C90 - C270

99-T63/030

99-T63/031

99-T63/032

99-T63/033
2x18W(max)

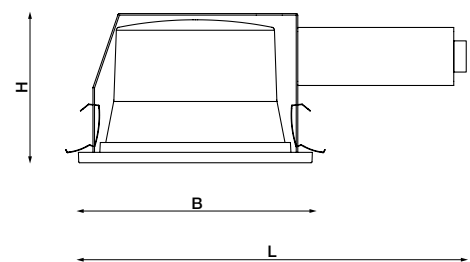


99-T63/034

99-T63/035

99-T63/036

99-T63/037



Code	Power	Lamp	Cap	Hole cut out	LxBxH (mm)	kg
63-124/110/D	1x10W	compact fl. lamp	G24d-1	Ø 190 mm	340x225x140	1,5
63-124/113/D	1x13W	compact fl. lamp	G24d-1	Ø 190 mm	340x225x140	1,5
63-124/118/D	1x18W	compact fl. lamp	G24d-2	Ø 190 mm	340x225x140	1,5
63-124/126/□*	1x26W	compact fl. lamp	G24d3/GX24q-3/-4	Ø 190 mm	340x225x140	2,0
63-124/132/C*	1x32W	compact fl. lamp	GX24q-3/-4	Ø 190 mm	340x225x140	1,5
63-124/142/C*	1x42W	compact fl. lamp	GX24q-3/-4	Ø 190 mm	340x225x140	1,5
63-124/210/D	2x10W	compact fl. lamp	G24d-1	Ø 190 mm	340x225x140	1,8
63-124/213/D	2x13W	compact fl. lamp	G24d-1	Ø 190 mm	340x225x140	1,8
63-124/218/D	2x18W	compact fl. lamp	G24d-2	Ø 190 mm	340x225x140	1,8
63-124/226/□*	2x26W	compact fl. lamp	G24d3/GX24q-3/-4	Ø 190 mm	340x225x140	2,2
63-124/232/C*	2x32W	compact fl. lamp	GX24q-3/-4	Ø 190 mm	340x225x140	1,6

□ - D (low loss ballast, non compensated)
- C (electronic ballast)

*version with EP in multi-watt performance



Downlights

Material:

- body: made of plastic
- color: gray RAL 9006
- reflector: aluminium 99,98%,
dual finish: polished/matted (63-13)
polished asymmetric (63-16)

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: recessed mounting in panel ceilings

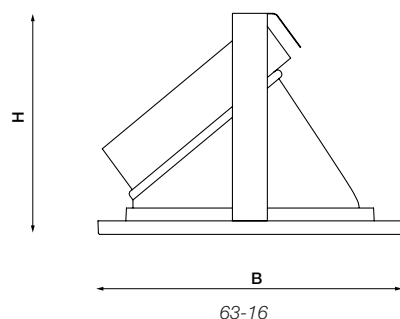
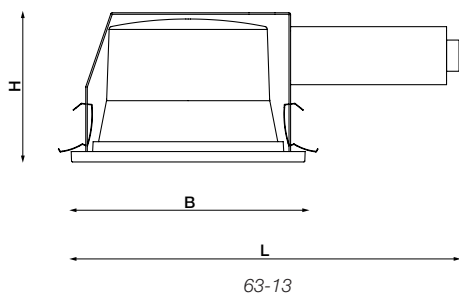
Accessories: only for 63-13 (must be ordered separately)

99-T63/038 -floating glass-frosted

99-T63/039 -honeycomb louvre

Application:

reception desks, entry halls and stairways, vestibules and restaurants



Accessories for 63-13:

63-16

99-T63/038

99-T63/039



Code	Power	Lamp	Cap	Hole cut out	LxBxH (mm)	kg
63-134/126/□ *	1x26W	compact fl. lamp	G24d3/GX24q-3/-4	Ø 243 mm	395x275x150	1,9
63-134/132/C *	1x32W	compact fl. lamp	GX24q-3/-4	Ø 243 mm	395x275x150	2,0
63-134/142/C *	1x42W	compact fl. lamp	GX24q-3/-4	Ø 243 mm	395x275x150	2,0
63-134/157/C	1x57W	compact fl. lamp	GX24q-5	Ø 243 mm	392x275x150	2,0
63-134/218/D	2x18W	compact fl. lamp	G24d-2	Ø 243 mm	395x275x150	1,9
63-134/226/D	2x26W	compact fl. lamp	G24d-3	Ø 243 mm	395x275x150	2,4
63-134/232/C *	2x32W	compact fl. lamp	GX24q-3/-4	Ø 243 mm	395x275x150	2,0
63-134/242/C	2x42W	compact fl. lamp	GX24q-4	Ø 243 mm	395x275x150	2,0
63-164/218/D	2x18W	compact fl. lamp	G24d-2	Ø 243 mm	275x186	1,9
63-164/226/D	2x26W	compact fl. lamp	G24d-3	Ø 243 mm	275x186	2,4

□ - D (low loss ballast, non compensated)
- C (electronic ballast)

*version with EP in multi-watt performance

Downlights

Material:

- body: made of plastic
- color: gray RAL 9006
- reflector: aluminium 99,98%, dual finish: polished/matted

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: recessed mounting in panel ceilings

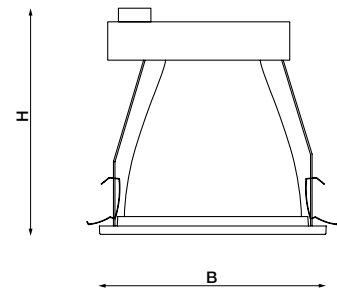
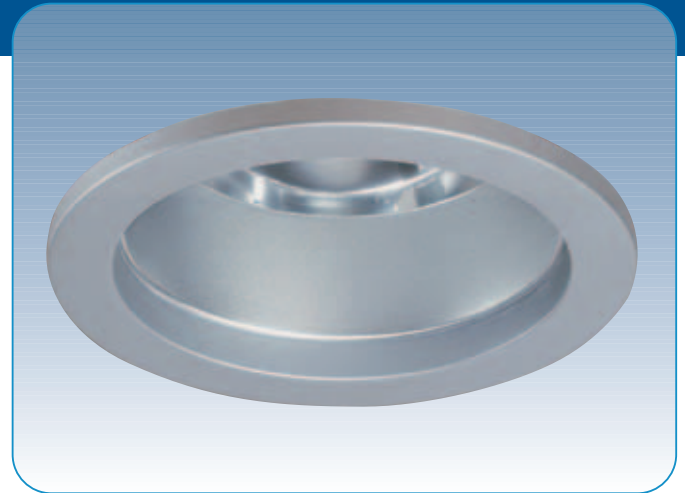
Accessories: (must be ordered separately)

99-T63/040 -floating glass-frosted

99-T63/041 -honeycomb louvre

Application:

reception desks, entry halls and stairways, vestibules and restaurants



99-T63/040



99-T63/041



Code	Power	Lamp	Cap	Hole cut out	BxH (mm)	kg
63-171/110/-	1x max 100W	incandescent lamp	E27	Ø 167 mm	200x205	0,8
63-174/110/D	1x10W	compact fl. lamp	G24d-1	Ø 167 mm	200x205	0,8
63-174/113/D	1x13W	compact fl. lamp	G24d-1	Ø 167 mm	200x205	0,8
63-174/118/D	1x18W	compact fl. lamp	G24d-2	Ø 167 mm	200x205	0,8
63-174/126/□ *	1x26W	compact fl. lamp	G24d3/GX24q-3/-4	Ø 167 mm	200x205	0,9
63-174/132/C *	1x32W	compact fl. lamp	GX24q-3/-4	Ø 167 mm	200x205	0,8
63-174/142/C *	1x42W	compact fl. lamp	GX24q-3/-4	Ø 167 mm	200x205	0,8

□ - D (low loss ballast, non compensated)
 - C (electronic ballast)

*version with EP in multi-watt performance



Downlights

Material:

- body: aluminium sheet painted silver-gray
 - color: gray RAL 9006
 - reflector: aluminium sheet 99,98%
- dual finish: polished/matted

Degree of protection: IP 20

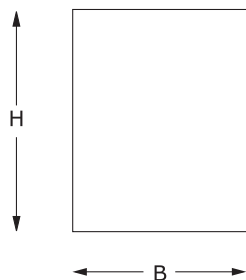
Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast

Mounting: recessed mounting in panel ceilings

Application:

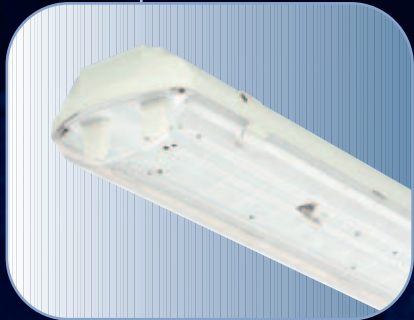
reception desks, entry halls and stairways, vestibules and restaurants



Code	Power	Lamp	Cap	BxH (mm)	kg
63-191/110/-	1x max 100W	incandescent lamp	E27	185x200	1,0
63-194/110/D	1x10W	compact fl. lamp	G24d-1	185x200	1,0
63-194/113/D	1x13W	compact fl. lamp	G24d(q)-1	185x200	1,0
63-194/118/D	1x18W	compact fl. lamp	G24d(q)-2	185x200	1,0
63-194/126/□*	1x26W	compact fl. lamp	G24d3/GX24q-3/-4	185x200	1,1
63-194/132/C*	1x32W	compact fl. lamp	GX24q-3/-4	185x200	1,0

□ - D (low loss ballast, non compensated)
 - C (electronic ballast)

*version with EP in multi-watt performance



Industrial luminaires



Industrial luminaires

Material:

- body: steel sheet finished by powder technology varnishing
- color: white - gray

Degree of protection: IP 20

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast, the luminaires are offered also in emergency version

Mounting: separate mounting on ceiling

Accessories:

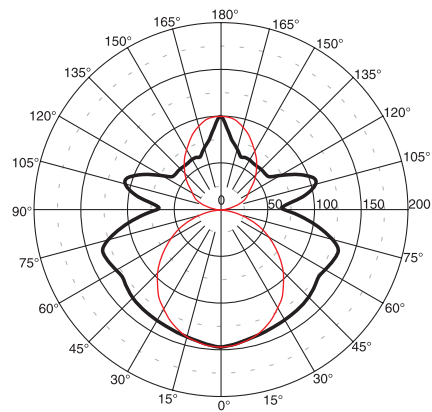
white steel reflector finished by powder technology varnishing (must be ordered separately)

99-700/120 for types 14-053/136 and 14-053/236

99-700/150 for types 14-053/158 and 14-053/258

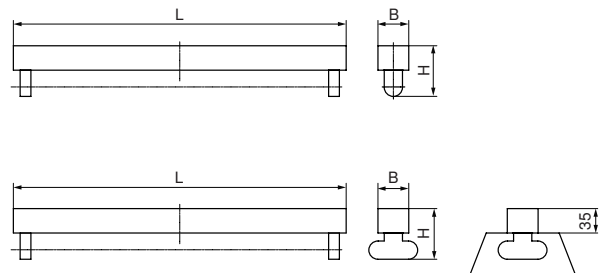
Application:

supermarkets, factory halls, production lines, warehouses



14-053/236/E

[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
14-053/136/1	1x36W	T8 lamp	G13	1230x50x70	1,5
14-053/158/1	1x58W	T8 lamp	G13	1525x50x70	2,9
14-053/236/1	2x36W	T8 lamp	G13	1230x50x70	2,8
14-053/258/1	2x58W	T8 lamp	G13	1525x50x70	3,9

1 - E (low loss ballast, parallel compensation)
 - C (electronic ballast)

Ceiling and suspended industrial luminaires - IP 65 - white steel reflector



Material:

- body: injection molded, self-extinguishing UV stabilized polycarbonate
- color: gray RAL 7035
- reflector: white varnished steel sheet
- diffuser: polycarbonate

The luminaires can be used for ambient temperature $t_a=35^{\circ}\text{C}$.

Degree of protection: IP 65

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast; dimmable ballast on request

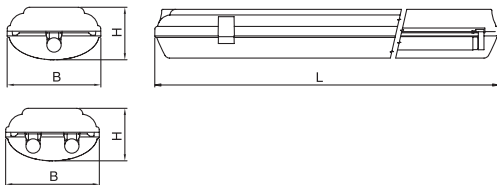
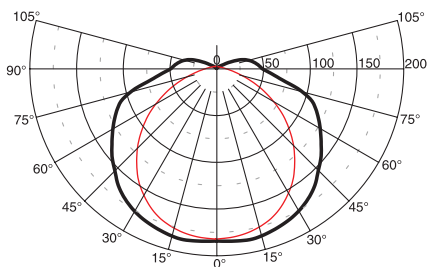
Mounting: separate or in-line mounting on a ceiling or walls; suspension on chain pendants

Accessories:

- the luminaires are supplied with ceiling holders (2pcs), lifting eyes (2pcs) and a lead-in insulator (1pc).
- a set of interconnecting cables must be ordered separately

Application:

cellars, factory halls, storehouses, farms



Interconnecting cables:

Set for the luminaire	3x1,5mm ²	3x2,5mm ²	5x1,5mm ²	5x2,5mm ²
18W	99-180	99-181	99-182	99-183
36W	99-184	99-185	99-186	99-187
58W	99-188	99-189	99-190	99-191

99-541-a guard for the 2x18W luminaires (1pc)
 99-542-a guard for the 2x36W luminaires (1pc)
 99-543-a guard for the 2x58W luminaires (1pc)
 99-544-steel fasteners for the 18W luminaires (4pcs)

99-545-steel fasteners for the 36W luminaires (8pcs)
 99-546-steel fasteners for the 58W luminaires (10pcs)
 99-547-wall cantilever (1pc), for 1 luminaire must be ordered 2pcs.

Code	Power	Lamp	Cap	LxBxH (mm)	kg
21-013/118/□Y	1x18W	T8 lamp	G13	670x170x95	2,0
21-013/136/□Y	1x36W	T8 lamp	G13	1280x170x95	3,0
21-013/158/□Y	1x58W	T8 lamp	G13	1580x170x95	3,4
21-013/218/□Y	2x18W	T8 lamp	G13	670x170x95	2,3
21-013/236/□Y	2x36W	T8 lamp	G13	1280x170x95	3,3
21-013/258/□Y	2x58W	T8 lamp	G13	1580x170x95	3,8

□ - E (low loss ballast, parallel compensation) - C (electronic ballast) EASY SET – lamp Osram 840, connector Wieland 21-K13/...

Ceiling and suspended industrial luminaires -IP 66 - polycarbonate reflector

Material:

- body: injection molded, self-extinguishing UV stabilized polycarbonate
- color: gray RAL 7035
- reflector: aluminium coated highly polished polycarbonate (21-02)
white polycarbonate reflector (21-06)
- diffuser: polycarbonate

Degree of protection: IP 66

Rated voltage: 230V/50Hz

Control gear: electronic ballast, the luminaires are offered also in emergency version

Mounting: separate or in-line built up, mounting on a ceiling or walls, suspension on chain pendants

Accessories:

the luminaires are supplied with ceiling holders (2pcs) lighting eyes (2pcs) and lead-in insulator (1 pc) must be ordered separately:

99-541 a guard for the 2x18W luminaires (1pc)

99-542 a guard for the 2x36W luminaires (1pc)

99-543 a guard for the 2x58W luminaires (1pc)

99-544 steel fasteners for the 18W luminaires (4pcs)

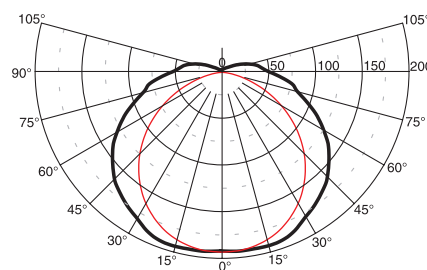
99-545 steel fasteners for the 36W luminaires (8pcs)

99-546 steel fasteners for the 58W luminaires (10 pcs)

99-547 wall cantilever (1pc), for 1 luminaire must be ordered 2pcs.

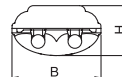
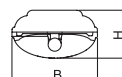
Application:

washrooms, factory halls, farms, cellars, storehouses



21-023/236/CY

[] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
21-023/118/CY	1x18W	T8 lamp	G13	670x170x95	1,5
21-023/136/CY	1x36W	T8 lamp	G13	1280x170x95	2,4
21-023/158/CY	1x58W	T8 lamp	G13	1580x170x95	2,9
(T8) 21-023/218/CY	2x18W	T8 lamp	G13	670x170x95	1,5
21-023/236/CY	2x36W	T8 lamp	G13	1280x170x95	2,4
21-023/258/CY	2x58W	T8 lamp	G13	1580x170x95	2,9
21-063/236/CY	2x36W	T8 lamp	G13	1280x170x95	2,4
21-063/258/CY	2x58W	T8 lamp	G13	1580x170x95	2,9
21-023/128/CY	1x28W	T5 lamp	G5	1280x170x95	2,5
(T5) 21-023/135/CY	1x35W	T5 lamp	G5	1580x170x95	2,9
21-023/228/CY	2x28W	T5 lamp	G5	1280x170x95	2,7
21-023/235/CY	2x35W	T5 lamp	G5	1580x170x95	3,0

EASY SET – lamps Osram 840, connector Wieland 21-K23/...

Ceiling and suspended industrial luminaires - IP 65 - highly polished aluminium reflector



Material:

- body: injection molded, self-extinguishing UV stabilized polycarbonate
- color: gray RAL 7035
- reflector: a highly polished aluminium reflector is fixed on the basic reflector made of steel sheet finished by powder technology varnishing into white
- diffuser: polycarbonate

Degree of protection: IP 65

Rated voltage: 230V/50Hz

Control gear: low loss ballast or electronic ballast; dimmable ballast on request

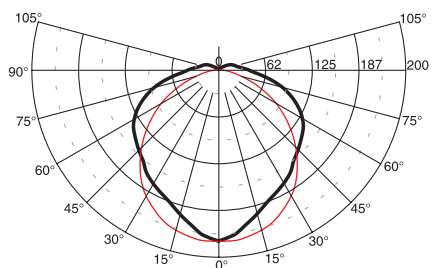
Mounting: separate or in-line mounting on a ceiling or walls; separately suspension on chain pendants

Accessories:

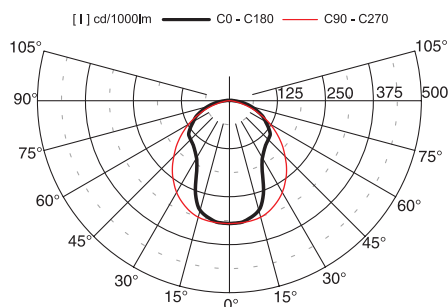
- the luminaires are supplied with ceiling holders (2pcs), lifting eyes (2pcs) and a lead-in insulator (1pc).
- a set of interconnecting cables must be ordered separately

Application:

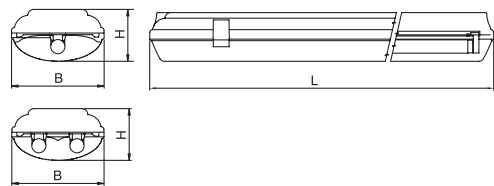
cellars, factory halls, storehouses, farms



21-043/236/BY



21-043/158/BYH



version with narrow-beam reflector



Interconnecting cables:

Set for the luminaire	3x1,5mm ²	3x2,5mm ²	5x1,5mm ²	5x2,5mm ²
18W	99-180	99-181	99-182	99-183
36W	99-184	99-185	99-186	99-187
58W	99-188	99-189	99-190	99-191

99-541-a guard for the 2x18W luminaires (1pc)
 99-542-a guard for the 2x36W luminaires (1pc)
 99-543-a guard for the 2x58W luminaires (1pc)
 99-544-steel fasteners for the 18W luminaires (4pcs)

99-545-steel fasteners for the 36W luminaires (8pcs)
 99-546-steel fasteners for the 58W luminaires (10pcs)
 99-547-wall cantilever (1pc), for 1 luminaire must be ordered 2pcs.

Code	Reflector	Power	Lamp	Cap	LxBxH (mm)	kg
21-043/218/□Y	polished AL	2x18W	T8 lamp	G13	670x170x95	2,7
21-043/236/□Y	polished AL	2x36W	T8 lamp	G13	1280x170x95	3,7
21-043/258/□Y	polished AL	2x58W	T8 lamp	G13	1580x170x95	4,2
21-043/158/□YH	narrow-beam	1x58W	T8 lamp	G13	1580x170x95	3,9
21-043/180/CYH	narrow-beam	1x80W	T5 lamp	G5	1580x170x95	3,9

□ - E (low loss ballast, parallel compensation) - C (electronic ballast), EASY SET - lamp Osram 840, connector Wieland 21-K43/...

Ceiling and suspended industrial luminaires - IP 65 - white steel reflector

Material:

- body: injection molded, self-extinguishing UV stabilized polycarbonate
- color: gray RAL 7035
- reflector: white varnished steel sheet

Degree of protection: IP 65

Rated voltage: 230V/50Hz

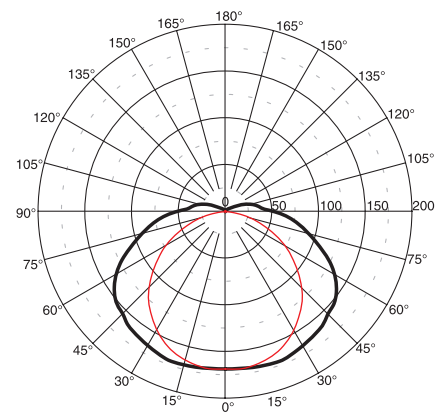
Control gear: low loss ballast or electronic ballast; the luminaires are offered also in emergency version

Mounting: on ceiling or walls, suspension on chain pendants

The luminaires are supplied with ceiling holders (2pcs), lifting eyes (2pcs) and a lead-in insulator (1pc).

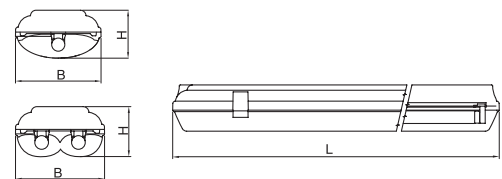
Application:

cellars, factory halls, storehouses, farms



21-083/236/EY

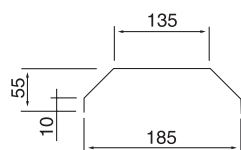
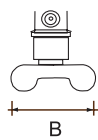
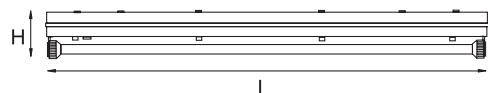
[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	Packaging	kg
21-083/118/□Y	1x18W	T8 lamp	G13	674x121x82	3	2,0
21-083/136/□Y	1x36W	T8 lamp	G13	1264x121x82	3	3,0
21-083/158/□Y	1x58W	T8 lamp	G13	1564x121x82	3	3,4
21-083/218/□Y	2x18W	T8 lamp	G13	674x121x82	3	2,3
21-083/236/□Y	2x36W	T8 lamp	G13	1264x121x82	3	3,0
21-083/258/□Y	2x58W	T8 lamp	G13	1564x121x82	3	3,8

□ - E (low loss ballast, parallel compensation) - C (electronic ballast)

Industrial luminaires



Material:

- body: made of glass fibre reinforced polyester
- color: light gray RAL 7035

Degree of protection: IP 65

Rated voltage: 230V/50Hz

Control gear: electronic ballast or low loss ballast

Mounting: separate built up mounting on a ceiling or suspended on pendants

Accessories: (must be ordered separately)

- steel sheet reflector, white painted for single and twin tube
 - 99-583 for luminaires 36W
 - 99-584 for luminaires 58W
 - lamps protection tube made of PC
 - 99-580 for luminaires 18W
 - 99-581 for luminaires 36W
 - 99-582 for luminaires 58W
 - through wiring
 - 99-193 for luminaire 18 W
 - 99-194 for luminaire 36 W
 - 99-195 for luminaire 58 W
- additional through wiring and pendants on request

Application:

garages, factory halls, production lines, warehouses

Code	Power	Lamp	Cap	LxBxH (mm)	kg
23-013/118/□	1x18W	T8 lamp	G13	661x65,6x115	1,25
23-013/136/□	1x36W	T8 lamp	G13	1271x65,6x115	1,80
23-013/158/□	1x58W	T8 lamp	G13	1571x65,6x115	2,30
23-013/218/□	2x18W	T8 lamp	G13	661x117x115	1,35
23-013/236/□	2x36W	T8 lamp	G13	1271x117x115	2,60
23-013/258/□	2x58W	T8 lamp	G13	1571x117x115	3,35

□ - C (electronic ballast) - D (low loss ballast, non compensated)
 - E (low loss ballast, parallel compensation)

Industrial luminaires - white steel reflector

Material

- body:
 - 25-05- made of white varnished steel sheet
 - 25-06-made of stainless steel sheet
 - 25-07-made of zinc coated steel sheet
- color: white RAL 9003 (25-05), zinc-coated (25-07), silver (25-06)
- reflector: white varnished steel sheet
- diffuser: hardened glass

closing clips are made of stainless steel or steel according to version of the luminaire.

Degree of protection: IP 65

Rated voltage: 230V/50Hz

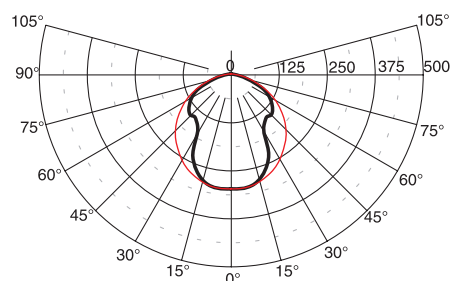
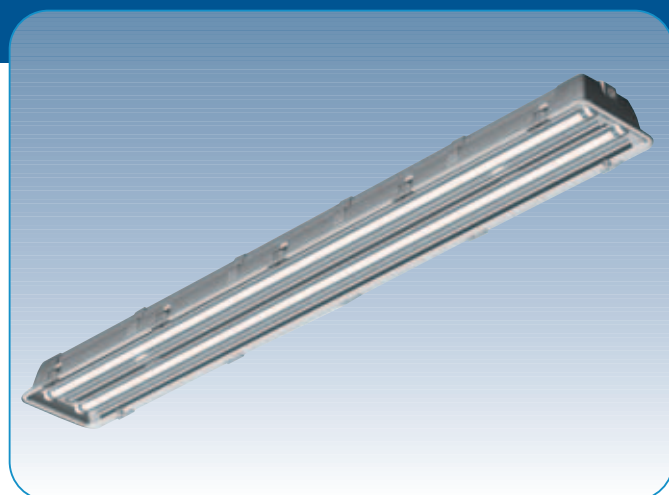
Control gear: low loss ballast or electronic ballast, the luminaires are offered also in emergency version

Mounting: separate built-up mounting
the luminaires are supplied with lead-in insulator, blank flange, safety screws and big pad for ceiling mounting.

Accessories: (must be ordered separately)

- parabolic microlouvre
- 99-25C0 (1x36W, 2x36W)
- 99-25C1 (1x58W, 2x58W)
- inserted reflectors

Application: cellars, industrial objects, warehouses



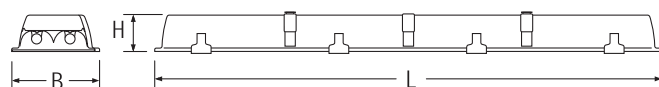
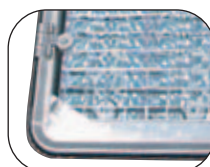
25-053/258/CT

[1] cd/1000lm — C0 - C180 — C90 - C270

Table of reflectors

Set for luminaire	wide-beam	narrow-beam
1x18W	99-281/118	99-282/118
1x36W	99-281/136	99-282/136
1x58W	99-281/158	99-282/158
2x18W	99-281/218	99-282/218
2x36W	99-281/236	99-282/236
2x58W	99-281/258	99-282/258

99-25C Microlouvre



Code	Power	Lamp	Cap	LxBxH (mm)	kg
25-053/118/□T	1x18W	T8 lamp	G13	676x212x92	4,5
25-053/136/□T	1x36W	T8 lamp	G13	1286x212x92	8,0
25-053/158/□T	1x58W	T8 lamp	G13	1586x212x92	10,5
25-053/218/□T	2x18W	T8 lamp	G13	676x212x92	4,5
25-053/236/□T	2x36W	T8 lamp	G13	1286x212x92	8,5
25-053/258/□T	2x58W	T8 lamp	G13	1586x212x92	11,5
25-073/118/□T	1x18W	T8 lamp	G13	676x212x92	4,5
25-073/136/□T	1x36W	T8 lamp	G13	1286x212x92	8,0
25-073/158/□T	1x58W	T8 lamp	G13	1586x212x92	10,5
25-073/218/□T	2x18W	T8 lamp	G13	676x212x92	4,5
25-073/236/□T	2x36W	T8 lamp	G13	1286x212x92	8,5
25-073/258/□T	2x58W	T8 lamp	G13	1586x212x92	11,5

□ - E (low loss ballast, parallel compensation) - C (electronic ballast)

lumino | 26-91, 92, 93, 94, 95, 96, 97, 98

Industrial luminaires



Material

- body: steel sheet finished by powder technology varnishing or stainless steel
- color: white RAL 9003
- cover: hardened glass for IP65 version only (26-914, 26-924, 26-934, 26-944)

Degree of protection: IP 41/65

Rated voltage: 230V/50Hz

Control gear: electronic ballast

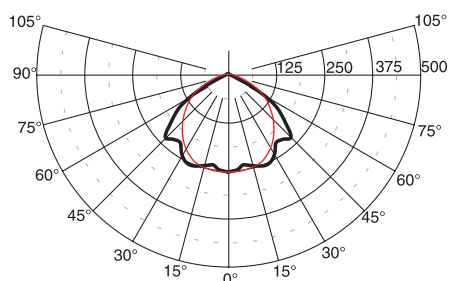
Mounting: built up on a ceiling

Accessories: (must be ordered separately)
99-695 protective grill

Application:

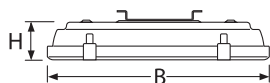
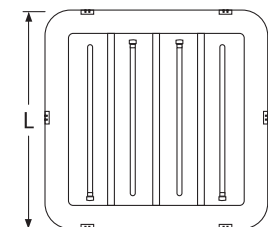
industrial objects, warehouses

The luminaires are supplied with lamps



26-914/455/CT

[1] cd/1000lm — C0 - C180 — C90 - C270



IP	Code	Power	Body	Lamp	Cap	LxBxH (mm)	kg	Reflector
65	26-914/455/CT	4x55W	metal sheet	compact fl. lamp	2G11	743x730x136	12,7	wide-beam
65	26-914/655/CT	6x55W	metal sheet	compact fl. lamp	2G11	743x730x136	12,7	wide-beam
65	26-924/455/CT	4x55W	metal sheet	compact fl. lamp	2G11	743x730x136	12,7	narrow-beam
65	26-934/455/CT	4x55W	stainless steel	compact fl. lamp	2G11	743x730x136	12,7	wide-beam
65	26-934/655/CT	6x55W	stainless steel	compact fl. lamp	2G11	743x730x136	12,7	wide-beam
65	26-944/455/CT	4x55W	stainless steel	compact fl. lamp	2G11	743x730x136	12,7	narrow-beam
41	26-954/455/CT	4x55W	metal sheet	compact fl. lamp	2G11	743x730x136	9,5	wide-beam
41	26-954/655/CT	6x55W	metal sheet	compact fl. lamp	2G11	743x730x136	9,5	wide-beam
41	26-964/455/CT	4x55W	metal sheet	compact fl. lamp	2G11	743x730x136	9,5	narrow-beam
41	26-974/455/CT	4x55W	stainless steel	compact fl. lamp	2G11	743x730x136	9,5	wide-beam
41	26-974/655/CT	6x55W	stainless steel	compact fl. lamp	2G11	743x730x136	9,5	wide-beam
41	26-984/455/CT	4x55W	stainless steel	compact fl. lamp	2G11	743x730x136	9,5	narrow-beam

Rough service luminaires

Material:

- body – rubber gear box and transparent plastic cover
- color – black RAL 9005

Degree of protection: IP 54

Rated voltage: 230V/50Hz

Mounting: on hinged hook

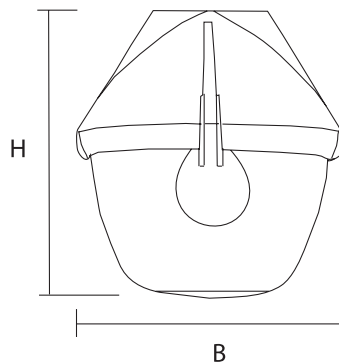
The luminaire is suitable for application with mercury discharge lamp for operation without ballast with max. input 160W.

For example:

- HWL 160 (Osram)
- HSB-BW 160 (Sylvania)

Application:

farms, metallurgical plants, mine pits, belt transporters, lift shafts, building sites, industrial buildings



Code	Power	Lamp	Cap	BxH (mm)	kg
40-011/115/-Y	1x150W	incandescent lamp 150W	E27	260x295	2,2

Indoor floodlights



Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003
- reflector: pure, oxidized hammered aluminium sheet (43-05 symmetrical; 43-06 asymmetrical)
- diffuser: tempered glass resistant to bumps and thermal shocks

Degree of protection: IP 65

Rated voltage: 230V/50Hz

Control gear: standard ballast with parallel compensation

Mounting: on wall or on ceiling, on revolving cantilever, recessed mounting

Accessories: the lamp is supplied with the luminaire (see the chart)

Must be ordered separately:

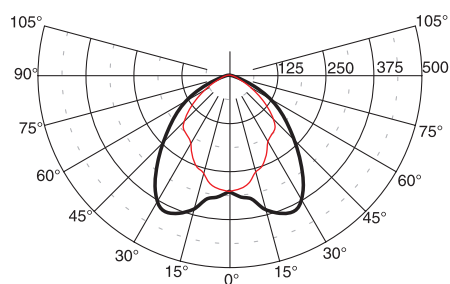
99-571 - protective grill from zinc-coated steel

99-573 - revolving cantilever

99-575 - border for recessed mounting

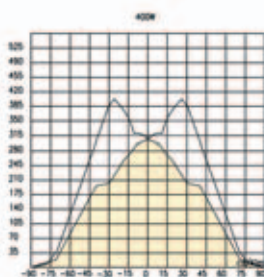
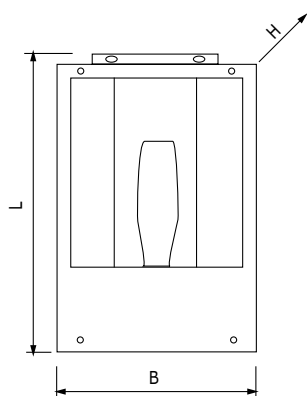
Application:

sport stadiums, industrial and commercial premises, gas stations



43-057/140/BT

[1] cd/1000lm — C0 - C180 — C90 - C270



Accessories:



99-571



99-573



99-575

Code	Power	Lamp	Cap	LxBxH (mm)
43-056/125/BT	1x250W	h.p. sodium lamp HST	E40	620x360x210
43-056/140/BT	1x400W	h.p. sodium lamp HST	E40	620x360x210
43-057/125/BT-1	1x250W	metal halide lamp HIT	E40	620x360x210
43-057/140/BT-2	1x400W	metal halide lamp HIT	E40	620x360x210
43-066/125/BT	1x250W	h.p. sodium lamp HST	E40	620x360x210
43-066/140/BT	1x400W	h.p. sodium lamp HST	E40	620x360x210
43-067/125/BT-1	1x250W	metal halide lamp HIT	E40	620x360x210
43-067/140/BT-2	1x400W	metal halide lamp HIT	E40	620x360x210

1 - versions with metal halide lamps:
1 - mercury control gear
2 - sodium control gear

Industrial luminaires

Material:

- body: steel sheet finished by powder technology varnishing
- color: white RAL 9003, gray RAL 9007
- reflector: pure, oxidized hammered aluminium sheet
- diffuser: tempered glass resistant to bumps and thermal shocks

Degree of protection: IP 65

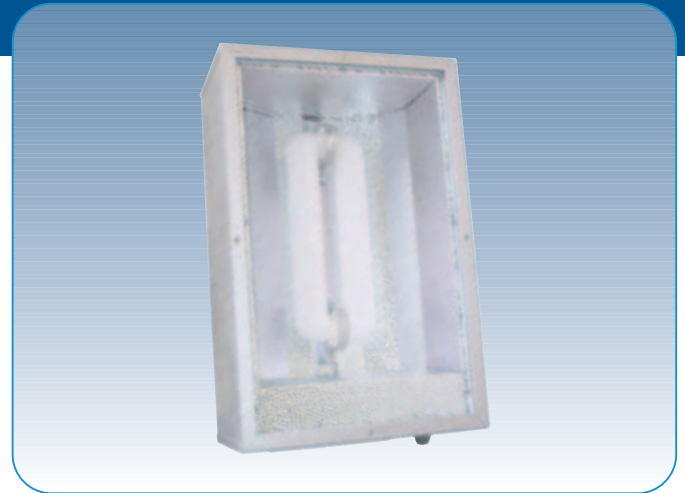
Rated voltage: 230V/50Hz

Control gear: electronic ballast

Mounting: on a ceiling

Accessories: luminaire is supplied with lamp Osram Endura

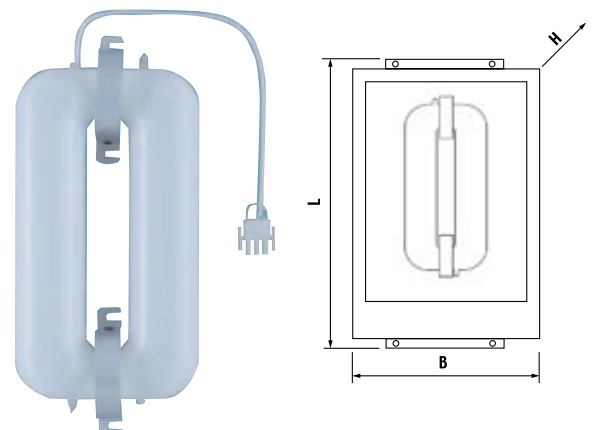
Application: sport stadiums, industrial areas, business areas, gas stations



Code	Power	Lamp	LxBxH (mm)
43-093/110/BT	1x100W	Osram Endura	620x360x210
43-093/115/BT	1x150W	Osram Endura	620x360x210

Osram Endura

- the discharge in this lamp has no starting or end point. The closed "ring" enables a discharge to take place without electrodes.
- produced for areas where relamping is expensive (tunnel lighting, factory lighting,...)
- extremely long life 60 000 hours
- high luminous flux 12 000lm /150W
- high luminous efficacy of 80lm/W
- low ignition temperature (as low -40°C depending on the ECG)



Industrial luminaires



Material:

- body: the gear box is made of die-cast aluminium finished by powder technology varnishing
 - color: gray RAL 9006, black RAL 9005 on request
- It is possible to change the position of light source considering the reflector and get three different types of light distribution curve

Degree of protection: IP 23/65

Rated voltage: 230V/50Hz

Control gear: standard ballast with parallel compensation, luminaires are prepared for continuous mounting (looping)

Mounting: suspended on hook

Accessories: lamp is supplied in luminaire

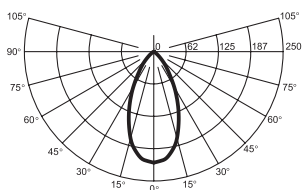
While using luminaire without glass cover, it is necessary to use particular lamp.

Must be ordered separately:

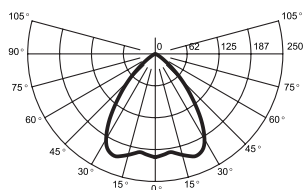
- reflector (aluminium, polycarbonate)
- glass cover (for IP65)
- protective grill (only for aluminium reflector 99-558/500)

Application:

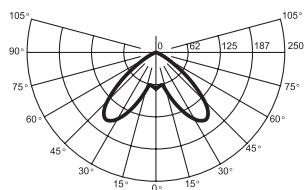
factory halls, warehouses, exhibition halls, supermarkets



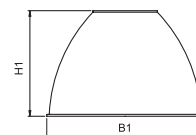
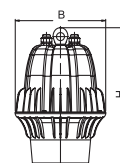
narrow-beam



wide-narrow-beam



wide-beam



Gear box:					
Code	Power	Lamp	Cap	Ø BxH (mm)	kg
45-005/125/B	1x250W	h.p. mercury lamp	E40	226x340	7,2
45-005/140/B	1x400W	h.p. mercury lamp	E40	226x340	7,9
45-006/125/B	1x250W	h.p. sodium lamp	E40	226x340	7,2
45-006/140/B	1x400W	h.p. sodium lamp	E40	226x340	7,9
45-007/125/B- [4]	1x250W	metal halide lamp	E40	226x340	7,2
45-007/140/B- [4]	1x400W	metal halide lamp	E40	226x340	7,9
Reflectors:		Description	Ø B1xH1 (mm)		
99-558/500		aluminium reflector	494x295 1,0		
99-569/520		polycarbonate reflector	516x316 1,9		
99-559		faceted aluminium reflector	542x330 1,9		
Glass covers:					
99-578/500		tempered glass cover	Ø 500		2,0
99-578/520		tempered glass cover	Ø 520		2,2
99-590/520		polycarbonate glass cover	Ø 520		2,0
99-587		tempered glass cover for 99-559	Ø 540		2,0



99-559 - aluminium faceted reflector



[4] - versions with metal halide lamp:

- 1 - mercury control gear
- 2 - sodium control gear

Protective grill 99-258/500

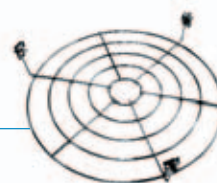


Reflector, diameter 500mm:

99-558/500 - aluminium reflector

Glass cover, diameter 500mm:

99-578/500 - tempered glass cover



Reflector, diameter 520mm:

99-569/520 - polycarbonate reflector

Glass cover, diameter 520mm:

99-590/520 - polycarbonate glass cover
99-578/520 - tempered glass cover

Industrial luminaires

Material:

- body: the gear box is made of die-cast aluminium finished by powder technology varnishing
- color: gray RAL 9006

Degree of protection: IP 23/65

Rated voltage: 230V/50Hz

Control gear: standard ballast with parallel compensation

Mounting: suspended on hook

Accessories: lamp is supplied in luminaire

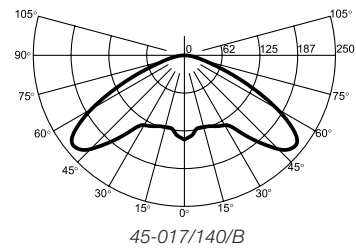
While using luminaire without glass cover, it is necessary to use particular lamp.

Must be ordered separately:

- reflector (aluminium, polycarbonate)
- glass cover (for IP65)
- protective grill (only for aluminium reflector 99-558/500)

Application:

factory halls, warehouses, exhibition halls, supermarkets



45-017/140/B

☐ - versions with metal halide lamp:

- 1 - mercury control gear
- 2 - sodium control gear

Gear box:					
Code	Power	Lamp	Cap	Ø BxH (mm)	kg
45-015/125/B	1x250W	h.p. mercury lamp	E40	226x257	6,7
45-015/140/B	1x400W	h.p. mercury lamp	E40	226x257	7,4
45-016/125/B	1x250W	h.p. sodium lamp	E40	226x257	6,7
45-016/140/B	1x400W	h.p. sodium lamp	E40	226x257	7,4
45-017/125/B- ☐	1x250W	metal halide lamp	E40	226x257	6,7
45-017/140/B- ☐	1x400W	metal halide lamp	E40	226x257	7,4
Reflectors:		Description	Ø B1xH1 (mm)		
99-558/500		aluminium reflector	494x295		
99-569/520		polycarbonate reflector	516x316		
Glass covers:					
99-578/500		tempered glass cover	Ø 500		2,0
99-578/520		tempered glass cover	Ø 520		2,2
99-590/520		polycarbonate glass cover	Ø 520		2,0

If requested, luminaire with glass and reflector can be specially ordered:
45-017/125/BT a 45-017/140/BT



leone | 45-02, 45-03 (26W~150W)



Industrial luminaires

Material:

- body: the gearbox is made of steel sheet finished by powder technology varnishing 45-02 - IP 23, 45-03 made of perforated steel sheet - IP 20
- color: structured metallic gray, white RAL 9003 on request

Degree of protection: IP 23, IP 20

Rated voltage: 230V/50Hz

Control gear: standard ballast with parallel compensation, low loss ballast or electronic ballast (for CFL only)

Mounting: suspended on hook

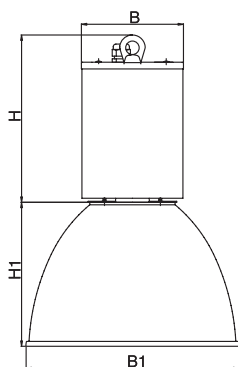
Accessories: lamp is supplied in luminaire

While using luminaire without glass cover, it is necessary to use particular lamp.

- Must be ordered separately:
- reflector (aluminium, acrylate)
 - glass cover (glass, acrylate)

Application:

factory halls, warehouses, exhibition halls, supermarkets



Gear box:

Code for IP 23	Code for IP 20	Power	Lamp	Cap	Ø BxH (mm)
45-024/126/□	45-034/126/□	1x26W	compact fl. lamp TC-TEL	GX 24d(q)-3	152x250
45-024/132/C	45-034/132/C	1x32W	compact fl. lamp TC-TEL	GX 24q-3	152x250
45-024/142/C	45-034/142/C	1x42W	compact fl. lamp TC-TEL	GX 24q-4	152x250
45-024/157/C	45-034/157/C	1x57W	compact fl. lamp TC-TEL	GX 24q-5	152x250
45-026/135/B	45-036/135/B	1x35W	h.p. sodium lamp SDW-T	PG12	152x250
45-026/105/B	45-036/105/B	1x50W	h.p. sodium lamp SDW-T	PG12	152x250
45-026/110/B	45-036/110/B	1x100W	h.p. sodium lamp SDW-T	PG12	152x250
45-027/135/B	45-037/135/B	1x35W	metal halide lamp HIT-CRI	G12	152x250
45-027/107/B	45-037/107/B	1x70W	metal halide lamp HIT-CRI	G12	152x250
45-027/115/B	45-037/115/B	1x150W	metal halide lamp HIT-CRI	G12	152x250

□ - B (standard ballast, parallel compensation) - C (electronic ballast)

Cover glasses:	Description	Ø B1 (mm)
99-578/320	tempered glass	Ø316
99-578/350	tempered glass	Ø350
99-578/420	tempered glass	Ø416
99-577/320	acrylate clear	Ø316
99-577/420	acrylate clear	Ø416
99-576/320	acrylate opaline	Ø316
99-576/420	acrylate opaline	Ø416

Reflectors:	Description	ØB1xH1 (mm)
99-558/350	aluminium	350x247
99-568/320	acrylate clear	316x191
99-568/420	acrylate clear	416x281
99-588/320	acrylate opaline	316x191
99-588/420	acrylate opaline	416x281

45-07, 45-17 | leone

Material:

- body: aluminium sheet
- reflector: aluminium

Degree of protection: IP 20

Rated voltage: 250V max 1x75W

Mounting: on pendant

Application:

restaurants, supermarkets



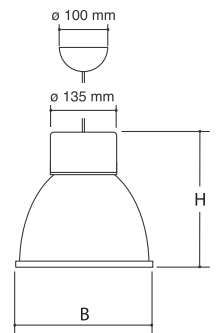
45-07



45-07



45-17



Code	Power	Lamp	Cap	BxH (mm)	kg
45-071/107/-	max. 75W	incandescent lamp	E27	350x340	2,5
45-171/107/-	max. 75W	incandescent lamp	E27	350x340	2,5



Floodlights



Floodlights

Material:

- body: the gearbox - die-cast aluminium with cooling ribs, finished by powder technology varnishing
- color: white RAL 9003; gray RAL 9006; black RAL 9005
- reflector: polished aluminium sheet
- diffuser: hardened glass

Degree of protection: IP 66

Rated voltage: 230V/50Hz

Control gear: standard ballast; parallel compensation

Mounting: on a revolving bracket

Accessories: lamp is supplied in the fixture (see table)

For separate order:

protective guard - 99-256

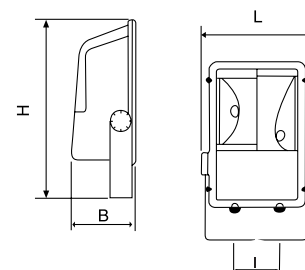
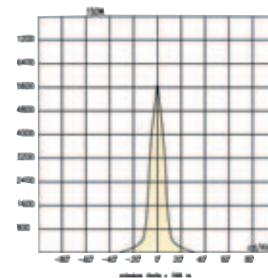
shutter - white 99-561; gray 99-561/3; black 99-561/4

wall bracket (80 cm)

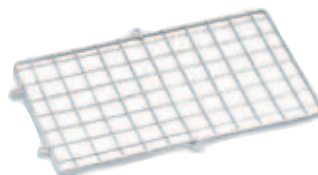
- white 99-563; gray 99-563/3; black 99-563/4

Application:

shop-windows, gardens, small areas, billboards



shutter



protective guard



wall bracket

Code	Power	Lamp	Cap	LxBxH (mm)	I (mm)	kg
42-007/107/BT-- ^[5]	1x70W	metal hal. lamp HIE-DE	RX7s	254x144x400	140	5,1
42-007/115/BT-- ^[5]	1x150W	metal hal. lamp HIE-DE	RX7s	254x144x400	140	6,0
42-006/107/BT-- ^[5]	1x70W	h.p. sodium lamp HST-DE	RX7s	254x144x400	140	5,1
42-006/115/BT-- ^[5]	1x150W	h.p. sodium lamp HST-DE	RX7s	254x144x400	140	6,0

- ^[5] - - white finishing RAL 9003
 - 3 - gray finishing RAL 9006
 - 4 - black finishing RAL 9005

Floodlights



Material:

- body: the reflector is made of die-cast aluminium; the gear box is made of thermoplastic, separated from the body, interconnected with a cable
- color: gray RAL 9006
- reflector: anodized coated aluminium (42-07 symmetrical; 42-08 asymmetrical)
- cover – tempered glass

Degree of protection: IP 65

Rated voltage: 230V/50Hz (380V/50Hz)

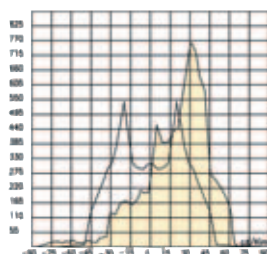
Control gear: standard ballast, parallel compensation

Mounting: on a revolving bracket

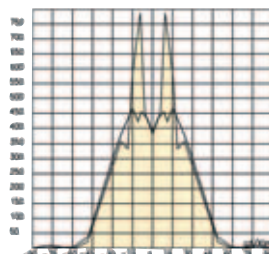
Accessories: lamp is supplied in fixture (see table)

Application:

tunnels, large edifices, sport halls and stadiums



42-08 -1000 W



42-07 -1000 W



1000 W



2000 W



Code	Power	Lamp	Voltage	Cap	LxBxH (mm)	kg
42-076/100/BT	1x1000W	h.p. sodium lamp HST	230 V	E40	697x300x717	17
42-077/100/BT-☐	1x1000W	metal halide lamp HIE	230 V	E40	697x300x717	23
42-077/200/BT-☐	1x2000W	metal halide lamp HIE	380 V	E40	697x300x717	23
42-086/100/BT	1x1000W	h.p. sodium lamp HST	230 V	E40	697x300x717	17
42-087/100/BT-☐	1x1000W	metal halide lamp HIE	230 V	E40	697x300x717	23
42-087/200/BT-☐	1x2000W	metal halide lamp HIE	380 V	E40	697x300x717	23

☐ - 1 - HPI-T 1000 W - 85 000 lm; HPI-T 2000 W - 183 000 lm
 2 - HQI-T 1000/D - 80 000 lm; HQI-T 2000/D - 180 000 lm

The information is based of the official data provided by lamp manufacturers.

Gear boxes	Lamp	Voltage	Power	LxBxH (mm)	kg	Gear box distance
HPI-T		230V	1000W	253x130x117	12	unlimited*
HQI-T, NAV-T, SON-T		230V	1000W	350x130x117	10,8	unlimited*
HPI-T, HQI-T		380V	2000W	302x186x176	18,3	unlimited*

The ignitor is in the lateral box on the bracket. The distance of ignitor must not exceed 2,5m.

Floodlights

Material:

- body: the reflector part is made of die-cast aluminium; the gear box is made of thermoplastic, separated from the body, interconnected with a cable
- color: gray RAL 9006
- reflector: anodized coated aluminium
- cover: tempered glass

Degree of protection: IP 65

Rated voltage: 230V/50Hz (380V/50Hz)

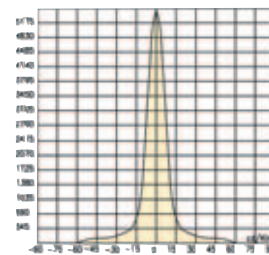
Control gear: standard ballast, parallel compensation

Mounting: on a revolving bracket

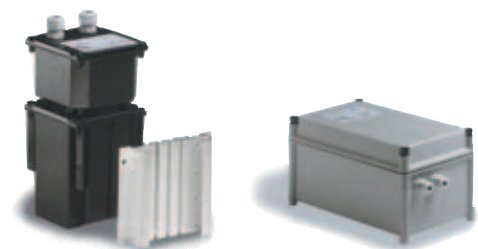
Accessories: lamp is supplied in luminaire (see table)

Application:

tunnels, building exteriors, large edifices, historical buildings



42-09 - 1000 W



1000 W

2000 W

Code	Power	Lamp	Voltage	LxBxH (mm)	kg
42-097/100/BT	1x1000W	metal hal. lamp HQI -TS	230 V	697x300x717	11,5
42-097/200/BT	1x2000W	metal hal. lamp HQI -TS	380 V	697x300x717	12,0

Lamps:

HQI-TS 1000W/D/S 90 000 lm

HQI-TS 2000W/D/S 200 000 lm

The information is based of the official data provided by lamp manufacturers.

Gear boxes	Voltage	Power	LxBxH (mm)	kg	Gear box distance
Lamp					
HQI-T, NAV-T,SON-T	230V	1000W	350x130x117	10,8	unlimited*
HQI-T	380V	2000W	302x186x176	18,3	unlimited*

The ignitor is in the lateral box on the bracket. The distance of ignitor must not exceed 2,5 meters.



Floodlights

Material:

- body: the gearbox - die-cast aluminium finished by powder technology varnishing
- color of body: RAL 7039
- cover: made of die-cast aluminium
- reflector: hammered, satin-anodized aluminium sheet
- 47-01 symmetric reflector
- 47-02 asymmetric reflector
- diffuser: tempered glass

Degree of protection: IP 65

Rated voltage: 230V/50Hz

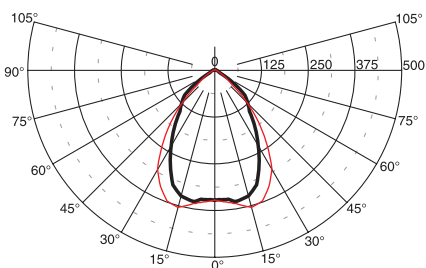
Control gear: standard ballast with parallel compensation

Mounting: on revolving bracket

Application:

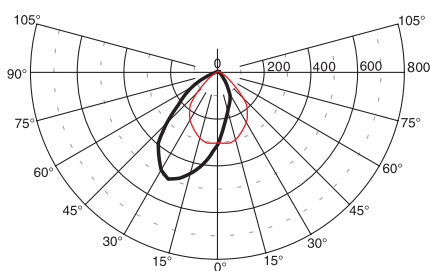
building exteriors and monuments, shop-windows, gardens, billboards and parking lots

Lamp is supplied in the luminaire



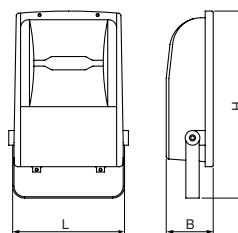
47-017

[I] cd/1000lm — C0 - C180 — C90 - C270



47-027

[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
47-016/107/BT	1x70W	h.p. sodium lamp HST-DE	RX7s	245x115x370	5,4
47-016/115/BT	1x150W	h.p. sodium lamp HST-DE	RX7s-24	245x115x370	6,2
47-017/107/BT	1x70W	metal hal. lamp HIT-DE	RX7s	245x115x370	5,4
47-017/115/BT	1x150W	metal hal. lamp HIT-DE	RX7s-24	245x115x370	6,2
47-026/107/BT	1x70W	h.p. sodium lamp HST-DE	RX7s	254x115x370	5,4
47-026/115/BT	1x150W	h.p. sodium lamp HST-DE	RX7s-24	245x115x370	6,2
47-027/107/BT	1x70W	metal hal. lamp HIT-DE	RX7s	245x115x370	5,4
47-027/115/BT	1x150W	metal hal. lamp HIT-DE	RX7s-24	245x115x370	6,2

Floodlights

Material:

- body: the gearbox - die-cast aluminium finished by powder technology varnishing
 - color of body: RAL 7039
 - cover: made of die-cast aluminium
 - reflector: hammered satin-anodized aluminium sheet
- 47-03 symmetric reflector
47-04 asymmetric reflector
- diffuser: tempered glass

Degree of protection: IP 65

Rated voltage: 230V/50Hz

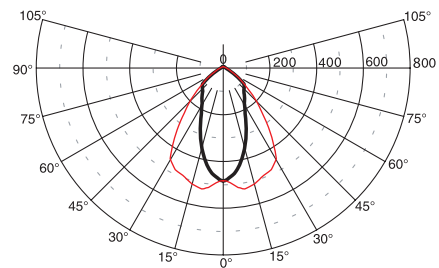
Control gear: standard ballast with parallel compensation

Mounting: on revolving bracket

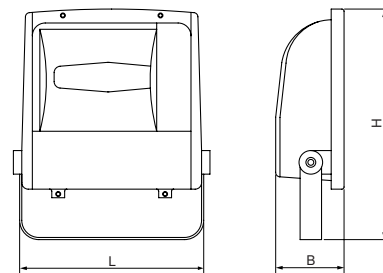
Application:

building exteriors and monuments, shop-windows, gardens, billboards and parking lots

Lamp is supplied in the luminaire



47-037
[1] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
47-036/125/BT	1x250W	h.p. sodium lamp HST	E40	425x170x445	12
47-036/140/BT	1x400W	h.p. sodium lamp HST	E40	425x170x445	18
47-037/125/BT-1	1x250W	metal halide lamp HIT	E40	425x170x445	12
47-037/140/BT-1	1x400W	metal halide lamp HIT	E40	425x170x445	18
47-046/125/BT	1x250W	h.p. sodium lamp HST	E40	425x170x445	12
47-046/140/BT	1x400W	h.p. sodium lamp HST	E40	425x170x445	18
47-047/125/BT-1	1x250W	metal halide lamp HIT	E40	425x170x445	12
47-047/140/BT-1	1x400W	metal halide lamp HIT	E40	425x170x445	18

- ☐ - version with metal halide lamp:
- 1 - mercury control gear



Street luminaires



Outdoor luminaires

Material:

- body: the gearbox and the lamp-body are plastic moldings carrying the lamp holder; the gearbox is covered by a plastic lid
 - color: black RAL 9005
 - reflector: a steel sheet finished by powder technology varnishing
 - cover: polycarbonate (transparent or opaline)
- This luminaires can be used for ambient temperature $t_a=15^{\circ}\text{C}$.

Degree of protection: IP 23/54

Rated voltage: 230V/50Hz

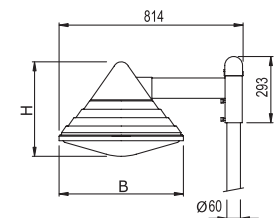
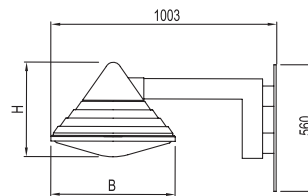
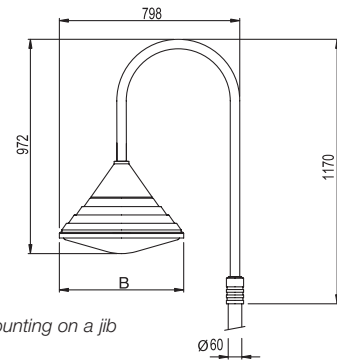
Control gear: standard ballast with parallel compensation

Mounting: on a jib - side mounting (50-01)
on a jib - top mounting (51-03)

Accessories: jibs (must be ordered separately
- see Jibs of the series 50)

Application:

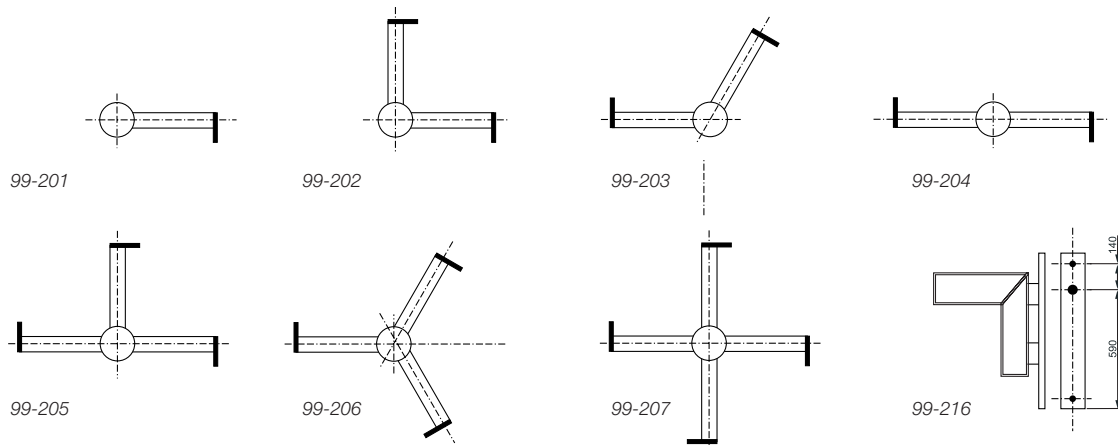
pedestrian precincts, quietened down areas, parks, sidewalks



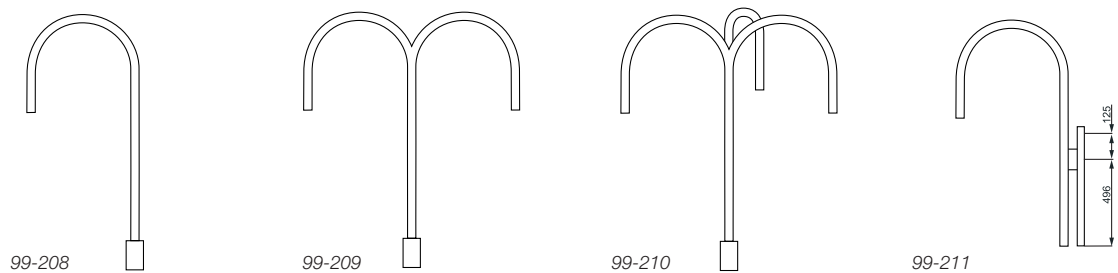
Code	Power	Diffuser	Lamp	Cap	BxH (mm)	kg
50-016/107/BY	1x70W	transparent	h.p. sodium lamp	E27	550x422	7,5
50-016/107/BZ	1x70W	opaline	h.p. sodium lamp	E27	550x422	7,5
50-016/110/BY	1x100W	transparent	h.p. sodium lamp	E27	550x422	7,8
50-016/110/BZ	1x100W	opaline	h.p. sodium lamp	E27	550x422	7,8
50-017/110/BY	1x100W	transparent	metal hal. lamp	E27	550x422	7,8
50-017/110/BZ	1x100W	opaline	metal hal. lamp	E27	550x422	7,8
50-017/115/BY	1x150W	transparent	metal hal. lamp	E27	550x422	8,0
50-017/115/BZ	1x150W	opaline	metal hal. lamp	E27	550x422	8,0
50-036/107/BY	1x70W	transparent	h.p. sodium lamp	E27	550x422	7,5
50-036/107/BZ	1x70W	opaline	h.p. sodium lamp	E27	550x422	7,5
50-036/110/BY	1x100W	transparent	h.p. sodium lamp	E27	550x422	7,8
50-036/110/BZ	1x100W	opaline	h.p. sodium lamp	E27	550x422	7,8
50-037/110/BY	1x100W	transparent	metal hal. lamp	E27	550x422	7,8
50-037/110/BZ	1x100W	opaline	metal hal. lamp	E27	550x422	7,8
50-037/115/BY	1x150W	transparent	metal hal. lamp	E27	550x422	8,0
50-037/115/BZ	1x150W	opaline	metal hal. lamp	E27	550x422	8,0

tereza | Jibs of the series 50

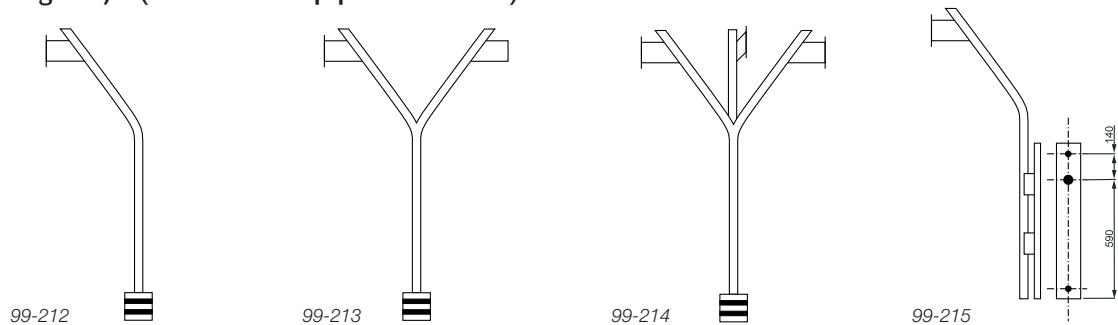
straight jib (on wall or lamp-post; \varnothing 60 mm)



arch jib (on wall or lamp-post \varnothing 60 mm)



angular jib (on wall or lamp-post \varnothing 60 mm)



Street luminaires

Material:

- body: die-cast aluminium
- color: gray
- reflector: pressed aluminium, oxidized polishing
- diffuser: tempered glass

Degree of protection: IP 65

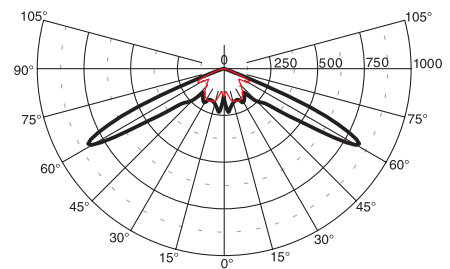
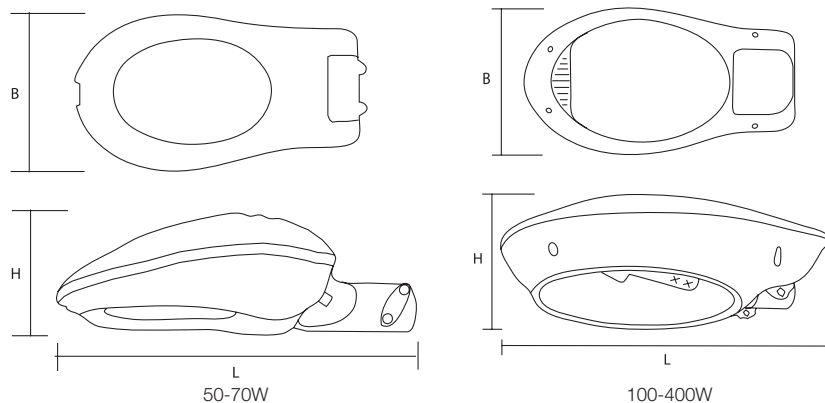
Rated voltage: 230V/50Hz

Control gear: standard ballast, electronic ballast on request

Mounting: on a stand or jib (Ø 60mm)

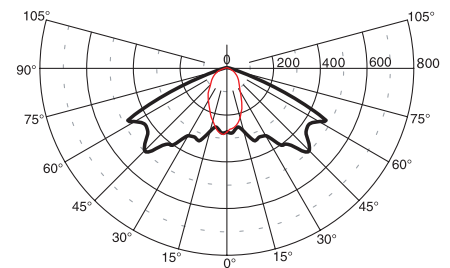
Application:

residential precincts, commercial areas, parking lots, streets and parks



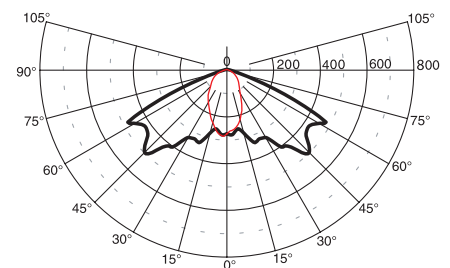
51-046/107/B

[1] cd/1000lm — C0 - C180 — C90 - C270



51-046/115/B

[1] cd/1000lm — C0 - C180 — C90 - C270



51-046/125/B

[1] cd/1000lm — C0 - C180 — C90 - C270

Code	Power	Lamp	Cap	LxBxH (mm)	kg
51-046/105/B	1x50W	h.p. sodium	E27	465x200x140	4,0
51-046/107/B	1x70W	h.p. sodium	E27	465x200x140	4,0
51-046/110/B	1x100W	h.p. sodium	E40	630x350x210	9,0
51-046/115/B	1x150W	h.p. sodium	E40	630x350x210	9,0
51-046/125/B	1x250W	h.p. sodium	E40	630x350x210	9,0
51-046/140/B	1x400W	h.p. sodium	E40	650x370x250	10,0

If requested, luminaires with metal halide lamp can be specially ordered



Street luminaires

Material:

- body: the gearbox is made of die-cast aluminium alloy, finished by powder technology varnishing, the cover is made of glass fibre hardened nylon (adjustable lamp position)
- color: gray RAL 7038
- reflector: pressed aluminium, oxidized polishing
- diffuser: planar hardened glass, tilting, resistant to bumps and thermic shocks

Degree of protection: IP 65

Rated voltage: 230V/50Hz

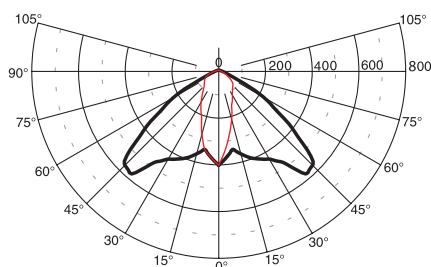
Control gear: standard ballast with parallel compensation

Mounting: on a stand or jib (Ø 60 mm)

Accessories: silicon cover gasket, neoprene insulation of the wiring box, cable gland PG 13,5; stainless steel screws separate order - self - locking terminal block in the version with double insulation

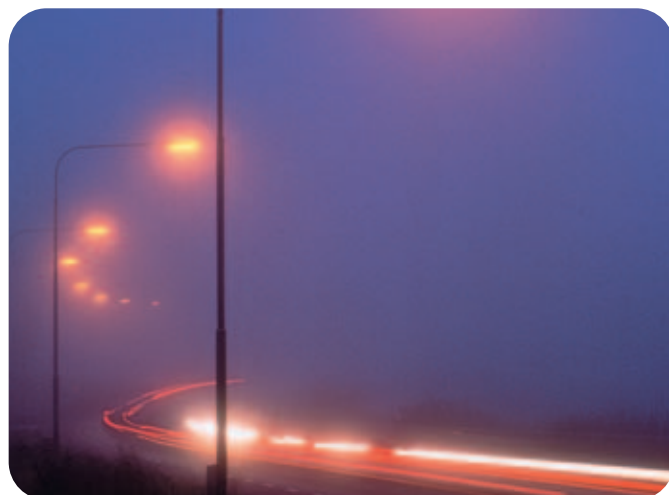
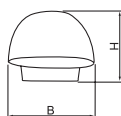
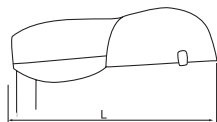
Application:

roads, motorways, residential precincts, commercial areas, parking lots, streets and parks



51-056/125

[I] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
51-055/108/B	1x80W	h.p. mercury lamp	E27	600x330x240	6,2
51-055/112/B	1x125W	h.p. mercury lamp	E27	600x330x240	6,5
51-055/125/B	1x250W	h.p. mercury lamp	E40	600x330x240	6,8
51-055/140/B	1x400W	h.p. mercury lamp	E40	600x330x240	6,8
51-056/115/B	1x150W	h.p. sodium lamp	E40	600x330x240	7,1
51-056/125/B	1x250W	h.p. sodium lamp	E40	600x330x240	7,3
51-056/140/B	1x400W	h.p. sodium lamp	E40	600x330x240	7,6
51-057/110/B	1x100W	metal hal. lamp	E40	600x330x240	6,1
51-057/115/B	1x150W	metal hal. lamp	E27	600x330x240	6,3
51-057/125/B	1x250W	metal hal. lamp	E40	600x330x240	6,5
51-057/140/B	1x400W	metal hal. lamp	E40	600x330x240	6,8

Street luminaires

Material:

- body: the gearbox is made of die-cast aluminium, finished by powder technology varnishing, the cover is made of glass fibre hardened nylon (adjustable lamp position)
- color: gray RAL 7038
- reflector: pressed aluminium, oxidized polishing
- diffuser: hardened glass, tilting, resistant to bumps and thermic shocks

Degree of protection: IP 65

Rated voltage: 230V/50Hz

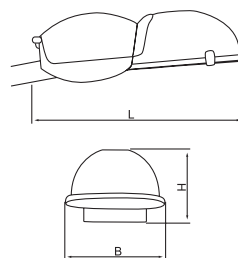
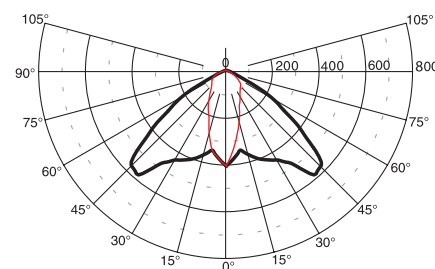
Control gear: standard ballast, parallel compensation

Mounting: on a stand or jib (Ø60 mm)

Accessories: self-locking terminal in the version with double insulation (must be ordered separately)

Application:

roads, motorways, residential precincts, commercial areas, parking lots, streets and parks

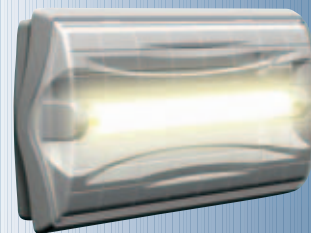


51-066/125

[] cd/1000lm — C0 - C180 — C90 - C270



Code	Power	Lamp	Cap	LxBxH (mm)	kg
51-065/108/B	1x80W	h.p. mercury lamp	E27	580x318x220	6,4
51-065/112/B	1x125W	h.p. mercury lamp	E27	580x318x220	6,7
51-065/125/B	1x250W	h.p. mercury lamp	E40	580x318x220	7,0
51-065/140/B	1x400W	h.p. mercury lamp	E40	580x318x220	7,0
51-066/115/B	1x150W	h.p. sodium lamp	E40	580x318x220	7,3
51-066/125/B	1x250W	h.p. sodium lamp	E40	580x318x220	7,5
51-066/140/B	1x400W	h.p. sodium lamp	E40	580x318x220	7,8
51-067/110/B	1x100W	metal hal. lamp	E40	580x318x220	6,3
51-067/115/B	1x150W	metal hal. lamp	E27	580x318x220	6,5
51-067/125/B	1x250W	metal hal. lamp	E40	580x318x220	6,7
51-067/140/B	1x400W	metal hal. lamp	E40	580x318x220	7,0



Emergency luminaires



Levi's

chico's

MAKYTA

Emergency luminaires

Description:

Available in 6, 8, 11 W, SA (Maintained) and SE (Non Maintained), 1 and 3 hours version.

Material: self-extinguishing plastic (standard EN 60598-1, UL 94)

Degree of protection: IP 40

Rated voltage: 230V/50Hz
Recharging time: 12 hours

Mounting: designed for ceiling, wall installation and mounting on box 503

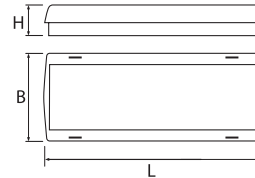
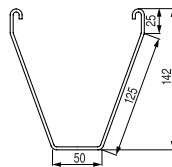
Accessories: (must be ordered separately):
additional adhesive legends



- plastic cover and adhesive legends
(only for 8W - set plastic cover and 4 adhesive legends)



8W - 99-710



adhesive legends for 11W

11589



11590



11591



Set of 3 adhesive legends
for 6W - **8785**



Set of 3 adhesive legends
for 8W - **8788**

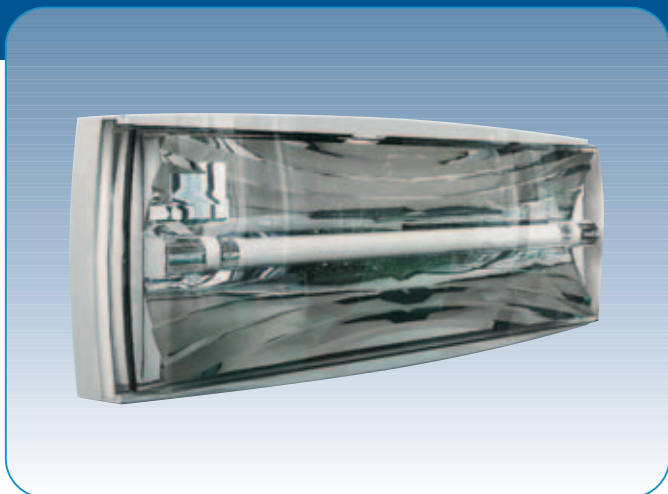


1 adhesive legend
- down arrow
for 6W - **99-886**
for 8W - **99-888**



W	Code	Article	Duration	Pcs./pack.	Insulation	LxBxH (mm)	kg
Non maintained lighting							
6	12500	543-6SE1N	1h	24	II	259x112,5x45,5	0,7
8	12508	544-8SE1N	1h	24	II	336,4x134,6x46,8	0,8
8	12510	544-8SE3N	3h	24	II	336,4x134,6x46,8	0,95
11	11174	540-11SE1N	1h	12	II	281x95x54	0,9
6	12501	543-6SE1N/RM	1h	24	II	259x112,5x45,5	0,7
8	12509	544-8SE1N/RM	1h	24	II	336,4x134,6x46,8	0,8
8	12511	544-8SE3N/RM	3h	24	II	336,4x134,6x46,8	0,95
Maintained lighting							
8	12504	544-8SA1N	1h	24	II	336,4x134,6x46,8	0,8
8	12506	544-8SA3N	3h	24	II	336,4x134,6x46,8	0,95
8	12505	544-8SA1N/RM	1h	24	II	336,4x134,6x46,8	0,8
8	12507	544-8SA3N/RM	3h	24	II	336,4x134,6x46,8	0,95

Emergency luminaires



A main unit with unprecedented logic

With the LOGICA main unit it is possible to control all the functions of the emergency system on single luminaires and preset groups. The main unit enables simultaneous management of lighting and emergency lighting devices.

The LOGICA main unit is able to command lighting luminaires using the DALI protocol.

The device offers a number of cutting-edge features

- a switching on cycle function that makes it possible to obtain greater lighting intensity during the first few minutes of blackout, in order to reduce panic
- luminaire autonomy/intensity adjustment function
- synchronization and testing of test functions
- tests on preset groups or single luminaires
- detailed error management with a scrolling display for each light
- alternate tests on 50% of the system. In the event of a blackout, part of the system will be able to intervene in any case

At self-diagnostic LOGICA INIBIT system

The LOGICA INIBIT unit is suitable for centralizing the following types of operation:

- synchronization of test operations
- error cancellation
- emergency inhibition
- indication of errors on BUS



Adhesive legends



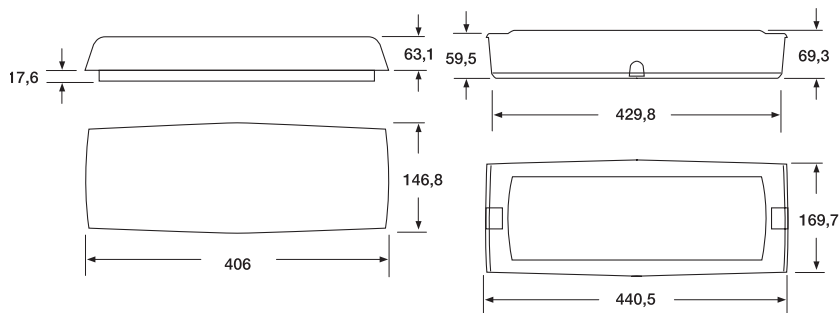
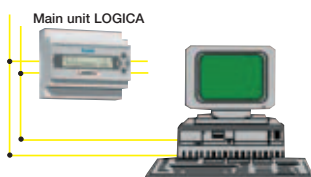
Adhesive legends are supplied as components of the luminaire only for SA version. For SE version must be ordered separately.

3899

Accessories:

- supplied with luminaire:
- logica cable gland
 - recess mounting installation kit
 - quick-fix wall bracket - 12199

Feasibility usage for Autotest and Centraltest



Dimensions of IP65 ceiling-mounted luminaire

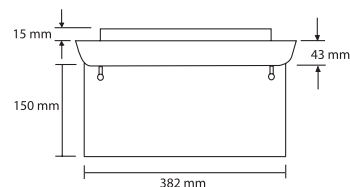
Dimensions of IP40 recessed luminaire using accessories provided

W	Ordering code	Article	Duration	Pcs./pack.	Insulation	Battery	Weight (kg)
8	12102	LOGICA ATCT 8W SE 1-3P	1-3h	6	II	Pb 6V 3,6Ah	2,2
11PL	12103	LOGICA ATCT 11W SE 1-3P	1-3h	6	II	Pb 6V 3,6Ah	2,2
24PL	12104	LOGICA ATCT 24W SE 1-3P	1-3h	6	II	Pb 6V 3,6Ah	2,2
8	12105	LOGICA ATCT 8W SA 1-3P	1-3h	6	II	Pb 6V 3,6Ah	2,2
11PL	12106	LOGICA ATCT 11W SA 1-3P	1-3h	6	II	Pb 6V 3,6Ah	2,2
24PL	12107	LOGICA ATCT 24W SA 1-3P	1-3h	6	II	Pb 6V 3,6Ah	2,2
	12101	UNIT INIBIT	3h	1	II	NiCd 7,2V 0,75Ah	0,5
	12100	MAIN UNIT LOGICA	3h	1	II	NiCd 7,2V 0,75Ah	0,5
W	Ordering code	Article	Battery	LxBxH (mm)	Weight (kg)		
14-80	12126	ELETT 935 4AT-CT-FM 18-58SA	NiCd 6V 4Ah	370x40x36	0,8		

inverters Logica

logica | sign

Ordering code: LOGICA SIGN ATCT...
For example: LOGICA SIGN ATCT 8W SE 1-3P



Emergency luminaires

Description:

available in 6, 8, 11PL, 18, 24PL W, SA (Maintained) and SE (Non Maintained), 1 and 3 hours version.

Degree of protection: IP 40/IP 65

Rated voltage: 230V/50Hz (+10%/-6%)

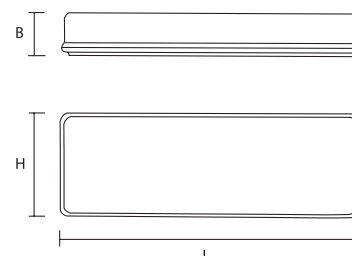
Recharging time: 12 hours
Patented electronic circuit

Mounting: designed for installation with Ø16 or Ø 20mm tubes, for suspended or electrified rail



Accessories: (must be ordered separately):

Ordering code	Article	Description	Pcs./pack.
2733	3928	protective shell (6, 11W) for IP65	15
2734	3929	protective shell (8, 24W) for IP65	15
3907	4201/GP	protective grille (6, 11W)	1
3908	4301/GP	protective grille (8, 24W)	1
3896	3253-SN	additional adhesive legends (6, 11W)	1
	3252-DS		
	3257-BS		
3897	3263-SN	additional adhesive legends (8, 24W)	1
	3262-DS		
	3267-BS		
3898	3273-SN	additional adhesive legends (18W)	1
	3272-DS		
	3277-BS		
3723	4004/PR	suspension hooks	1
3727	4003/RG	PG16/PG20 cable gland	1



W	Ordering code	Article	Duration	Nominal flux	Battery	Pcs./pack.	LxBxH (mm)	Weight (kg)
Non maintained lighting								
6	1629	928-6SE1N	1h	270lm	NiCd 6V 0,8Ah	6	304x49x142	1,0
6	1630	928-6SE2N	2h	270lm	NiCd 6V 1,2Ah	6	304x49x142	1,1
8	1651	929-8SE1N	1h	385lm	NiCd 6V 1,2Ah	6	380x49x142	1,5
8	1662	929-8SE3N	3h	385lm	NiCd 3,6V 4Ah	6	380x49x142	1,8
11PL	1714	956-11SE1N	1h	900lm	NiCd 6V 1,2Ah	6	304x55x142	1,2
18	1696	930-18SE1N	1h	1150lm	NiCd 2x6V 1,2Ah	6	660x51x165	2,7
24PL	1725	957-24SE1N	1h	1800lm	NiCd 6V 1,8Ah	6	380x49x142	1,8
Maintained lighting								
8	1652	929-8SA1N	1h	385lm	NiCd 6V 0,8Ah	6	380x49x142	1,6
8	1670	929-8SA3N	3h	385lm	NiCd 6V 1,8Ah	6	380x49x142	1,8
11	1715	956-11SA1N	1h	900lm	NiCd 6V 1,2Ah	6	304x55x142	1,2
18	1697	930-18SA1N	1h	1150lm	NiCd 2x6V 1,2Ah	6	660x51x165	2,8
24PL	1726	957-24SA1N	1h	1800lm	NiCd 6V 1,8Ah	6	380x49x142	1,8

pratica bandiera



Emergency luminaires

Description: available in 2x6W and 2x8W, SA (Maintained) or SE (Non Maintained), versions. Available in ecological version with effective life NiMH green batteries.

Material: self-extinguishing plastic (standard EN 60598-1, UL 94)

Degree of protection: IP 40

Rated voltage: 230V/50Hz (+10%/-6%)

Recharging time: 12 hours
Patented electronic circuit

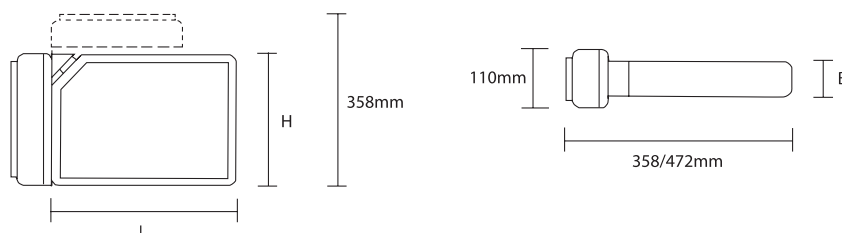
Mounting: on ceiling or wall

Accessories: (must be ordered separately):
- signalling screen 2x6W/2x8W



PRATICA BANDIERA 2x6W 9166						
Ordering code	2757	2755	2756	2758	2760	2771
Description	SQ-SN	SQ-DS	SQ-BS	SQ-EX	SQ-FRS	SQ-FRD

PRATICA BANDIERA 2x8W 9188						
Ordering code	2780	2778	2779	2781	2783	2795
Description	SRE-SN	SRE-DS	SRE-BS	SRE-EX	SRE-FRS	SRE-FRD



W	Ordering code	Article	Duration	Nominal flux	Battery	Pcs./pack.	LxBxH (mm)	Weight (kg)
Non maintained lighting								
2x6	2308	9166SE2P	2,5h	2x270lm	Pb 6V 6,5Ah	6	276x60x276	2,9
2x6	3653	9166SE2N	2h	2x270lm	NiCd 6V 4Ah	6	276x60x276	2,7
2x8	2320	9188SE2P	2,5h	2x385lm	Pb 6V 6,5Ah	6	390x60x276	3,1
Maintained lighting								
2x6	2311	9166SA2P	2,5h	2x270lm	Pb 6V 6,5Ah	6	276x60x276	3,0
2x8	2324	9188SA2P	2,5h	2x385lm	Pb 6V 6,5Ah	6	390x60x276	3,2

tuttovetro bandiera

Emergency luminaires

Description:

available in 8W, SA (Maintained) and SE (Non Maintained), 1 and 3 hours, versions.

Material: self-extinguishing plastic (standard EN 60598-1, UL 94)

Degree of protection: IP 40 (IP 65)

Rated voltage: 230V/50Hz




Recharging time: 12 hours

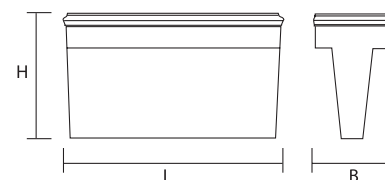
Mounting: on a ceiling or wall, suspended installation with suspension hooks



Accessories: provided with:



Ordering code	Article	Description	Pcs./pack.
2734	3929	protective shell for IP65	15
	3283-SN 		1
3892	3282-DS 	adhesive legends	1
	3287-BS 		2
3723	4004/PR	suspension hooks	1
3727	4003/RG	PG16/PG20 cable gland	1



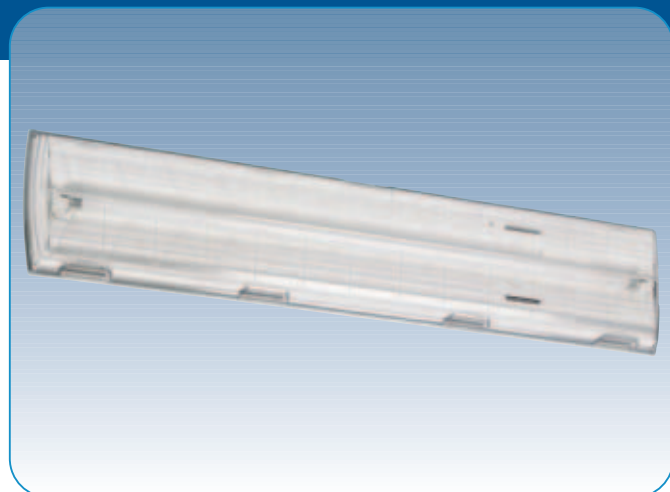
+ bracket for wall mounting

W	Ordering code	Article	Duration	Nominal flux	Battery	Pcs./pack.	LxBxH (mm)	Weight (kg)
Non maintained lighting								
8	1921	967-8SE1N	1h	385lm	NiCd 6V 1,2Ah	4	380x142x194	1,8
8	1922	967-8SE3N	3h	385lm	NiCd 3,6V 4Ah	4	380x142x194	2,0
8	1923	967-8SE3N RM	3h	385lm	NiCd 3,6V 4Ah	4	380x142x194	2,0
Maintained lighting								
8	1925	967-8SA1N	1h	385lm	NiCd 6V 0,8Ah	4	380x142x194	1,8
8	1926	967-8SA3N	3h	385lm	NiCd 6V 1,8Ah	4	380x142x194	2,0
8	1929	967-8SA1N RM	1h	385lm	NiCd 6V 0,8Ah	4	380x142x194	1,8
8	1930	967-8SA3N RM	3h	385lm	NiCd 6V 1,8Ah	4	380x142x194	2,0

The emergency luminaires are supplied as standard with protective shell for IP65, adhesive legends, suspensions hooks and cable gland PG16-PG20.

ticinque

Emergency luminaires



Description:

emergency luminaire with low height for 18W fluorescent lamp, available in SE (Non Maintained), 3 hours version.

Material: self-extinguishing plastic (standard EN 60598-1, UL 94)

Degree of protection: IP 40 / IP 65

Rated voltage: 230V/50Hz

Mounting: wall mounting, designed for installation with \varnothing 16 or \varnothing 20mm tubes

Accessories: Provided with:

- PG16 - PG20 tube gland

Must be ordered separately:

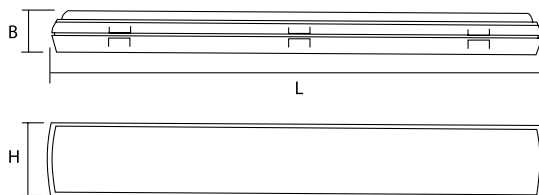
- adhesive legends



11593  1 ks

11594  1 ks

11595  1 ks



	W	Ordering code	Article	Duration	Nominal flux	Battery	Pcs./pack.	LxBxH (mm)	Weight (kg)
Non maintained lighting									
IP40	18	8580	TICINQUE 541-18SE3P	3h	1150lm	Pb 6V 3,6 Ah	6	608x53x114	1,4
	18	8581	TICINQUE 541-18SE3P/RM	3h	1150lm	Pb 6V 3,6 Ah	6	608x53x114	1,4
IP65	18	8582	TICINQUE IP 65 545-18SE3P	3h	1150lm	Pb 6V 3,6 Ah	6	608x53x114	1,5
	18	8583	TICINQUE IP 65 545-18SE3P/RM	3h	1150lm	Pb 6V 3,6 Ah	6	608x53x114	1,5

leggera IP40

Emergency luminaires

Description:

available in 6, 8, 11PL, 24PL W, SA (Maintained) and SE (Non Maintained), 1 and 3 hours version.

Material: self-extinguishing plastic (standard EN 60598-1, UL 94)

Degree of protection: IP 40

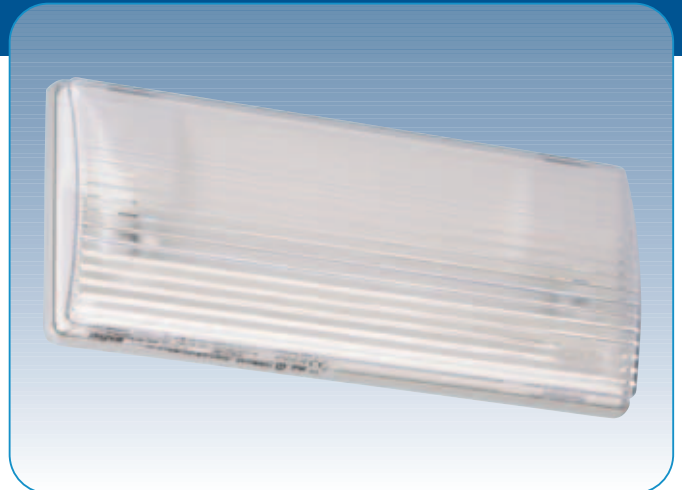
Rated voltage: 230V (+10 % / -6 %)

Recharging time: 12 hours
Patented electronic circuit

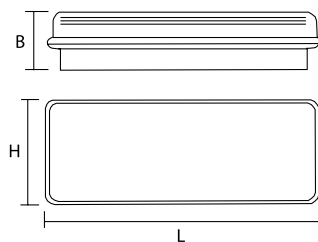
Mounting: designed for installation with \varnothing 16 or \varnothing 20 mm tubes for suspended or electrified rail, can also be ceiling mounted

Accessories: Provided with:
- PG16 - PG20 tube gland

Must be ordered separately:



Ordering code	Article	Description	Pcs./pack.
3907	4201/GP	protective grille (6, 11W)	1
3908	4301/GP	protective grille (8, 24W)	1
2741	3974/IP	recessed box (6, 11W)	12
2738	3976/IP	recessed box (8, 24W)	12
3893	3293-SN	additional adhesive legends (6, 11W)	1
	3292-DS		
	3297-BS		
3894	3303-SN	additional adhesive legends (8, 24W)	1
	3302-DS		
	3307-BS		
3723	4004/PR	suspension hooks	1



W	Ordering code	Article	Duration	Emergency efficiency	Nominal flux	Battery	Pcs./pack.	LxHxB (mm)	Weight (kg)
Non maintained lighting									
6	2059	992-6SE1N	1h	35%	270 lm	NiCd 3,6V 0,8Ah	12	280x120x60	0,9
6	2060	992-6SE3N	3h	35%	270 lm	NiCd 3,6V 1,8Ah	12	280x120x60	1,0
8	2064	993-8SE1N	1h	26%	385 lm	NiCd 3,6V 0,8Ah	6	400x150x65	1,4
8	2065	993-8SE3N	3h	26%	385 lm	NiCd 3,6V 1,8Ah	6	400x150x65	1,7
11PL	2073	994-11SE1N	1h	24%	900 lm	NiCd 3,6V 1,2Ah	12	280x120x60	0,9
24PL	2075	995-24SE1N	1h	25%	1800 lm	NiCd 6V 1,8Ah	6	400x150x65	1,7
Maintained lighting									
8	2066	993-8SA1N	1h	25%	385 lm	NiCd 6V 0,8Ah	6	400x150x65	1,6
8	2067	993-8SA3N	3h	25%	385 lm	NiCd 6V 1,8Ah	6	400x150x65	1,7
24PL	2077	995-24SA1N	1h	22%	1800 lm	NiCd 6V 1,8Ah	6	400x150x65	1,7

leggera IP65



Emergency luminaires

Description:

available in 6, 8, 11PL, 18, 24PL W, SA (Maintained) and SE (Non Maintained), 1 and 3 hours version.

Material: self-extinguishing plastic (standard EN 60598-1, UL 94)

Degree of protection: IP 65

Rated voltage: 230V (+10 % / -6 %)

Recharging time: 12 hours

Patented electronic circuit

Mounting: designed for installation with Ø 16 or Ø 20mm tubes for suspended or electrified rail, can also be ceiling mounted.

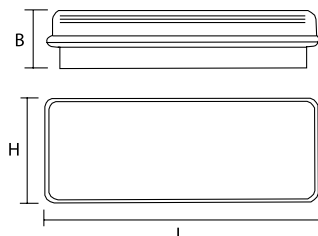
Accessories: Provided with:

- flexible joint Ø 16 and Ø 20

- PG16 - PG20 tube gland



Must be ordered separately:



Ordering code	Article	Description	Pcs./pack.
2742	4974/IP	recessed box IP65 (6, 11W)	12
2739	4976/IP	recessed box IP 65 (8, 24W)	12
3907	4201/GP	protective grille (6, 11W)	1
3905	4500/GP	protective grille (18W)	1
3912	4701/GP	protective grille (8, 24 W) IP65	1
3893	3293-SN	additional adhesive legends (6, 11W)	1
	3292-DS		
	3297-BS		
3894	3303-SN	additional adhesive legends (8, 24W)	1
	3302-DS		
	3307-BS		
3900	3139-SN	additional adhesive legends 18W	1
	3138-DS		
	3311-BS		
3723	4004/PR	suspension hooks	1

W	Ordering code	Article	Duration	Emergency efficiency	Nominal flux	Battery	LxHxB (mm)	Weight (kg)
Non maintained lighting								
6	8091	LEGGERA IP65 6SE1N	1h	35%	270lm	NiCd 3,6V 0,8Ah	280x120x70	0,9
6	8092	LEGGERA IP65 6SE3N	3h	35%	270lm	NiCd 3,6V 1,8Ah	280x120x70	1,0
8	8095	LEGGERA IP65 8SE1N	1h	26%	385lm	NiCd 3,6V 0,8Ah	400x150x73	1,4
8	8096	LEGGERA IP65 8SE3N	3h	26%	385lm	NiCd 3,6V 1,8Ah	400x150x73	1,7
11PL	8103	LEGGERA IP65 11SE1N	1h	24%	900lm	NiCd 3,6V 1,2Ah	280x120x70	0,9
18	8109	LEGGERA IP65 18SE3P	3h	25%	1150lm	Pb 6V 4Ah	660x114x94	2,6
24PL	8105	LEGGERA IP65 24SE1N	1h	25%	1800lm	NiCd 6V 1,8Ah	400x150x73	1,7
Maintained lighting								
8	8097	LEGGERA IP65 8SA1N	1h	25%	385lm	NiCd 6V 0,8Ah	400x150x73	1,4
8	8098	LEGGERA IP65 8SA3N	3h	35%	385lm	NiCd 6V 1,8Ah	400x150x73	1,7
18	8110	LEGGERA IP65 18SA3P	3h	27%	1150lm	Pb 6V 4Ah	660x114x94	2,6
24PL	8107	LEGGERA IP65 24SA1N	1h	22%	1800lm	NiCd 6V 1,8Ah	400x150x73	1,7

Emergency luminaires

Description:

available in 8W, SA (Maintained) and SE (Non Maintained), 1 and 3 hours, versions.

Material: self-extinguishing plastic (standard EN 60598-1, UL 94)

Degree of protection: IP 40

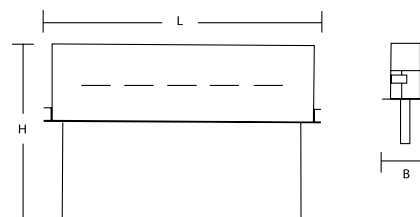
Rated voltage: 230V/50Hz

Recharging time: 12 hours

Mounting: recessed installation

Accessories:

- bracket for recessed installation



W	Ordering code	Article	Duration	Battery	LxBxH (mm)	Weight (kg)
Non maintained lighting						
8	11048	PLEXILITE 535 8SE1N DX/SX	1h	NiCd 6V 0,75Ah	390x70x280	2,9
8	11049	PLEXILITE 535 8SE3N DX/SX	3h	NiCd 6V 2Ah	390x70x280	3,0
8	11050	PLEXILITE 535 8SE1N BASSO	1h	NiCd 6V 0,75Ah	390x70x280	2,9
8	11051	PLEXILITE 535 8SE3N BASSO	3h	NiCd 6V 2Ah	390x70x280	3,0
8	11056	PLEXILITE 535 8SE1N/RM DX/SX	1h	NiCd 6V 0,75Ah	390x70x280	2,9
8	11057	PLEXILITE 535 8SE3N/RM DX/SX	3h	NiCd 6V 2Ah	390x70x280	3,0
8	11058	PLEXILITE 535 8SE1N/RM BASSO	1h	NiCd 6V 0,75Ah	390x70x280	2,9
8	11059	PLEXILITE 535 8SE3N/RM BASSO	3h	NiCd 6V 2Ah	390x70x280	3,0
Maintained lighting						
8	11052	PLEXILITE 535 8SA1N DX/SX	1h	NiCd 6V 0,75Ah	390x70x280	2,9
8	11053	PLEXILITE 535 8SA3N DX/SX	3h	NiCd 6V 2Ah	390x70x280	3,0
8	11054	PLEXILITE 535 8SA1N BASSO	1h	NiCd 6V 0,75Ah	390x70x280	2,9
8	11055	PLEXILITE 535 8SA3N BASSO	3h	NiCd 6V 2Ah	390x70x280	3,0

exit lite



Emergency luminaires

Description:

new, high efficiency LED technology, available in SA (Maintained) versions, is able to ensure a lamp life cycle of 80.000 hours (more than 10 years).

Material: self-extinguishing plastic (standard EN 60598-1, UL 94)

Degree of protection: IP 40

Rated voltage: 230V/50Hz

Recharging time: 12 hours

Mounting: on ceiling or wall

Accessories:

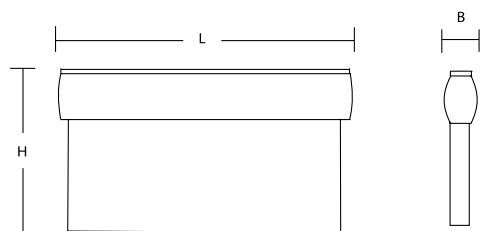
- wall installation bracket
- signaling screen

Must be ordered separately:

9021 – ceiling mounting bracket

9075 – wall mounting bracket (one face)

3503 – single suspension with cable L=1200mm



Ordering code	Article	Duration	Battery	Pcs./pack.	LxBxH (mm)	Weight (kg)
3969	EXITLITE SA 1N DX/SX	1h	NiCd 6V 0,75Ah	4	380x58x240	1,6
3970	EXITLITE SA 3N DX/SX	3h	NiCd 6V 1,2Ah	4	380x58x240	1,7
3972	EXITLITE SA 3H DX/SX	3h	NiMH 6V 1,2Ah	4	380x58x240	1,6
3977	EXITLITE SA 1N BASSO	1h	NiCd 6V 0,75Ah	4	380x58x240	1,6
3978	EXITLITE SA 3N BASSO	3h	NiCd 6V 1,2Ah	4	380x58x240	1,7
3980	EXITLITE SA 3H BASSO	3h	NiMH 6V 1,2Ah	4	380x58x240	1,6
3973	EXITLITE SA 1N/RM DX/SX	1h	NiCd 6V 0,75Ah	4	380x58x240	1,6
3974	EXITLITE SA 3N/RM DX/SX	3h	NiCd 6V 1,2Ah	4	380x58x240	1,7
3976	EXITLITE SA 3H/RM DX/SX	3h	NiMH 6V 1,2Ah	4	380x58x240	1,6
3981	EXITLITE SA 1N/RM BASSO	1h	NiCd 6V 0,75Ah	4	380x58x240	1,6
3982	EXITLITE SA 3N/RM BASSO	3h	NiCd 6V 1,2Ah	4	380x58x240	1,7
3984	EXITLITE SA 3H/RM BASSO	3h	NiMH 6V 1,2Ah	4	380x58x240	1,6

Emergency luminaires

Description:

available in 6, 8 and 13W SE (Non Maintained) and SA (Maintained) versions.

Material: a steel sheet finished by powder technology varnishing

Degree of protection: IP 40

Rated voltage: 230V/50Hz

Recharging time: 12 hours

Mounting:

one-face version – wall installation

two-face version – ceiling, suspended and on jib installation

Accessories: (must be ordered separately)

Only for two-face version:

F95057 - ceiling adapter

F95600 - pendant 250mm

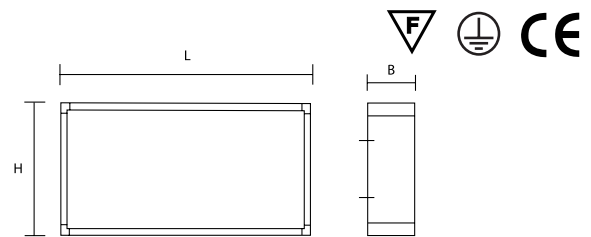
F95601 - pendant 500mm

F95602 - pendant 1000mm

F95055 - jib 6W

F95056 - jib 8W

F95070 - jib 13W



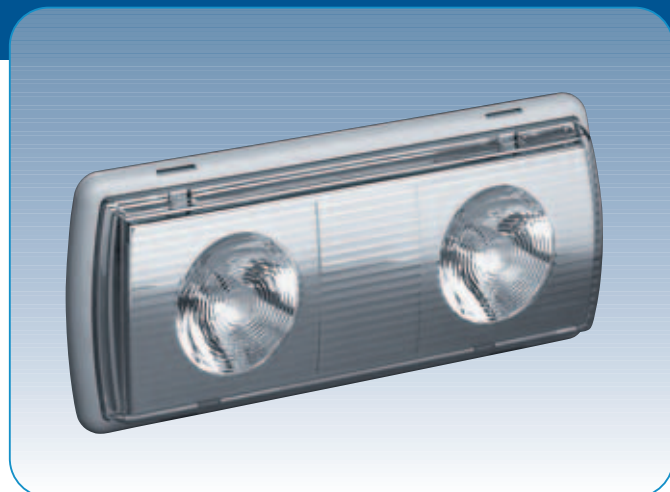
Signaling screens must be ordered separately



	6W	8W	13W
	BE16604N	BE16608N	BE16134N
	BE16605N	BE16609N	BE16135N
	BE16606N	BE16610N	BE16136N

W	Ordering code	Duration	Emergency efficiency	Battery	LxBxH (mm)	Weight (kg)
one-face						
6	NM90612	1h	58%	NiCd 4,8V 1,2Ah	255x70x140	1,5
6	NM90613	3h	44%	NiCd 4,8V 2,2Ah	255x70x140	1,5
8	NM90614	1h	43%	NiCd 4,8V 1,2Ah	376x70x200	1,6
8	NM90615	3h	33%	NiCd 4,8V 2,2Ah	376x70x200	1,6
13	NM90680	1h	27%	NiCd 4,8V 1,2Ah	605x70x315	1,8
13	NM90681	3h	20%	NiCd 4,8V 2,2Ah	605x70x315	1,8
two-face						
6	NM90624	1h	58%	NiCd 4,8V 1,2Ah	255x70x140	1,5
6	NM90625	3h	44%	NiCd 4,8V 2,2Ah	255x70x140	1,5
8	NM90626	1h	43%	NiCd 4,8V 1,2Ah	376x70x200	1,6
8	NM90627	3h	33%	NiCd 4,8V 2,2Ah	376x70x200	1,6
13	NM90682	1h	27%	NiCd 4,8V 1,2Ah	605x70x315	1,8
13	NM90683	3h	20%	NiCd 4,8V 2,2Ah	605x70x315	1,8

lungaluce



Emergency luminaires

Description:

Lungaluce - available in 2x10W SE (Non Maintained) versions, possible to conduct autonomously self testing.

Lungalargaluce - available in 4x10W SE (Non Maintained) versions, possible to conduct autonomously self testing.

Material: self-extinguishing plastic

Degree of protection: IP 65

Rated voltage: 230V/50Hz

Recharging time: 12 hours
Patented electronic circuit

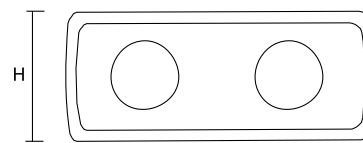
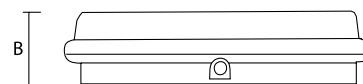
Mounting:
on ceiling or wall

Accessories:

- adjustable bracket (lungaluce)
- suspension hooks
- PG16/PG20 cable gland

Must be ordered separately:

- protective grille - 3912 (Lungaluce)
- 3909 (Lungalargaluce)

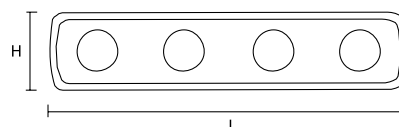
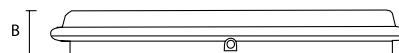


W	Ordering code	Article	Duration	Battery	Pcs./pack.	LxBxH (mm)	Weight (kg)
2x10	1455	626ATR-SE1P	1h	Pb 6V 5Ah	6	400x89x170	2,3
2x10	1456	626ATR-SE1P/RM	1h	Pb 6V 5Ah	6	400x89x170	2,6
2x10	2079	626AT-SE1P	1h	Pb 6V 5Ah	6	400x89x170	2,3
2x10	2080	626AT-SE1P/RM	1h	Pb 6V 5Ah	6	400x89x170	2,3

lungalargaluce



Lungalargaluce is provided with two set of interchangeable lenses to modify the light distribution according to the application requirements.



W	Ordering code	Article	Duration	Battery	Pcs./pack.	LxBxH (mm)	Weight (kg)
4x10	1465	626ATR-4x10SE1P	1h	Pb 2x6V 5Ah	4	800x89x170	4,3
4x10	1466	626ATR-4x10SE1P/RM	1h	Pb 2x6V 5Ah	4	800x89x170	4,3
4x10	2178	626AT-4x10SE1P	1h	Pb 2x6V 5Ah	4	800x89x170	4,3
4x10	2179	626AT-4x10SE1P/RM	1h	Pb 2x6V 5Ah	4	800x89x170	4,3

electroinverter | compact

Description

Electronic unit for D.C. power supply of fluorescent lamps. Easy install within ceiling light fittings, it supplies them in the event of a power failure.

Maximum recharging time:

24 hours

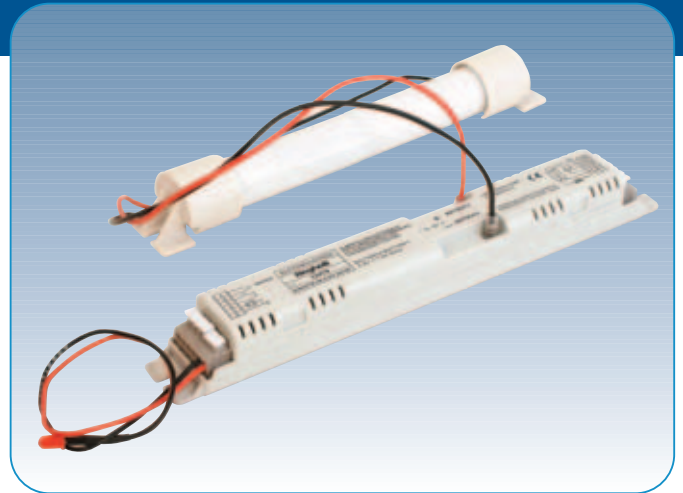
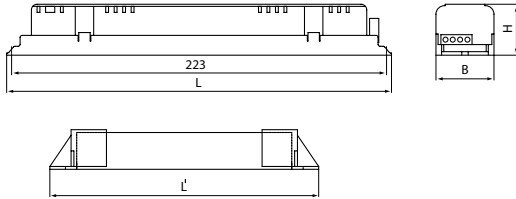
LED indicating the presence of power supply and activation of the recharge circuit

Operating temperature

ta 0-40°C

Rated voltage

230V-50Hz



Ordering code	Article	Duration	Packaging	Battery	L'/LxBxH (mm)	kg
12480	EL E843/18-58 6V SA1N	1h	12pcs	NiCd6V 4Ah	340x230x30x26	0,7
(T8) 12482	EL E843/18-58 6V SA3N	3h	12pcs	NiCd6V 4Ah	340x230x30x26	0,7
12481	EL E843/18-58 6V SA1N RM	1h	12pcs	NiCd6V 4Ah	340x230x30x26	0,7
12483	EL E843/18-58 6V SA3N RM	3h	12pcs	NiCd6V 4Ah	340x230x30x26	0,7
12488	EL E843/14-24 4.8V SA1N T5	1h	12pcs	NiCd 4,8V 1,7Ah	208x230x30x26	0,3
12490	EL E843/14-24 6V SA3N T5	3h	12pcs	NiCd 6V 4Ah	340x230x30x26	0,7
(T5) 12492	EL E843/28-80 6V SA1N T5	1h	12pcs	NiCd 6V 4Ah	340x230x30x26	0,7
12489	EL E843/14-24 4.8V SA1N T5 RM	1h	12pcs	NiCd 4,8V 1,7Ah	208x230x30x26	0,3
12491	EL E843/14-24 6V SA3N T5 RM	3h	12pcs	NiCd 6V 4Ah	340x230x30x26	0,7
12493	EL E843/28-80 6V SA1N T5 RM	1h	12pcs	Pb 6V 4Ah	340x230x30x26	0,7

electroinverter | aestetica

Description

Electronic unit for D.C. power supply of fluorescent lamps. Easy install within ceiling light fittings, it supplies them in the event of a power failure.

Maximum recharging time

24 hours

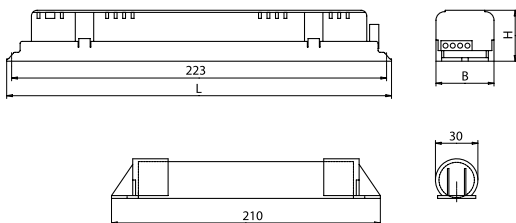
LED indicating the presence of power supply and activation of the recharge circuit

Operating temperature

ta 0-40°C

Rated voltage

230V-50Hz



Ordering code	Article	Duration	Packaging	Battery	LxBxH (mm)	kg
12513	839/18-58W SA	1-2h	12pcs	NiCd 4,8V 1,7Ah	232x40x36	0,8

STANDARD ENCODING OF THE LUMINAIRES

MEANING OF PARTICULAR MARKS

Lamp type

- 1 - incandescent lamp or reflector lamp
- 2 - tungsten halogen lamp
- 3 - fluorescent lamp
- 4 - compact fluorescent lamp
- 5 - high pressure mercury lamp
- 6 - high pressure sodium lamp
- 7 - metal halide lamp

Number of lamps

- 1 - one lamp luminaire
- 2 - two lamp luminaire
- etc.

Lamp input

- Luminaires with fluorescent lamps
- 18 - 18 W lamp
- 36 - 36 W lamp
- 58 - 58 W lamp
- etc.
- Luminaires with incandescent and discharge lamps
- 07 - 70 W discharge lamp
- 10 - 100 W discharge or incandescent lamp
- 15 - 150 W discharge or incandescent lamp
- 25 - 250 W discharge lamp
- etc.

Control gear

- A - non-compensated, standard ballast
- B - parallel compensation, standard ballast
- C - electronic ballast
- D - non-compensated, low loss ballast
- E - parallel compensation, low loss ballast
- F - electronic ballast - Beghelli
- R - dimmable analog electronic ballast
- S - dimmable digitally controlled ballast
- T - dimmable digitally controlled ballast - DALI

Specific variant

- for example serie 03
- 1 - flat endings
- 2 - rounded endings






Colour

- - white RAL 9003
- 1 - dark grey RAL 7016
- 2 - grey RAL 9007
- 3 - metallic grey RAL 9006
- 4 - black RAL 9005

Emergency version

- TR1 - inverter 18-58 W, duration 1-2 hours
- TR3 - inverter 18-58 W, duration 3 hours

ANNOTATIONS

-  installation on normally flammable surface
-  protection against electric shock rate I
-  cut off angle $\gamma=60^\circ$, luminance 200 cd.m²
-  diameter of a mounting hole in a plaster ceiling
-  emergency luminaires

X X - X X X / X X X / 1 2 3 4 5 6

Serial number of a luminaire (a digit)

Lamp type (a digit)

Number of lamps (a digit)

Lamp input (a digit)

Type of ballast (a letter)

Type of a louvre or a cover (letters) - see table below

Specific variant (a digit)


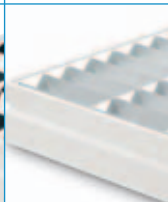
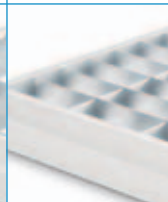
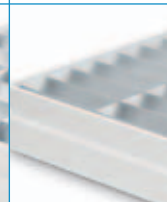

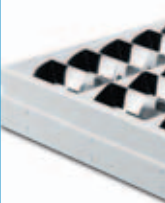




Color variant (a digit)

Emergency version (a letter)

A model code: 03 - 01 3 / 236 / B D L 1 - TR1

- 03 - 01 a luminaire of the type 03 - Orion, separate
- 3 linear fluorescent lamp
- 236 2x36W
- B standard ballast
- DL polished Christmas tree louvre with lower quantity of lamellae
- 1 flat endings
- standard variant - white color RAL 9003
- TR1 emergency version (inverter)

TYPES OF LOUVRES AND COVERS

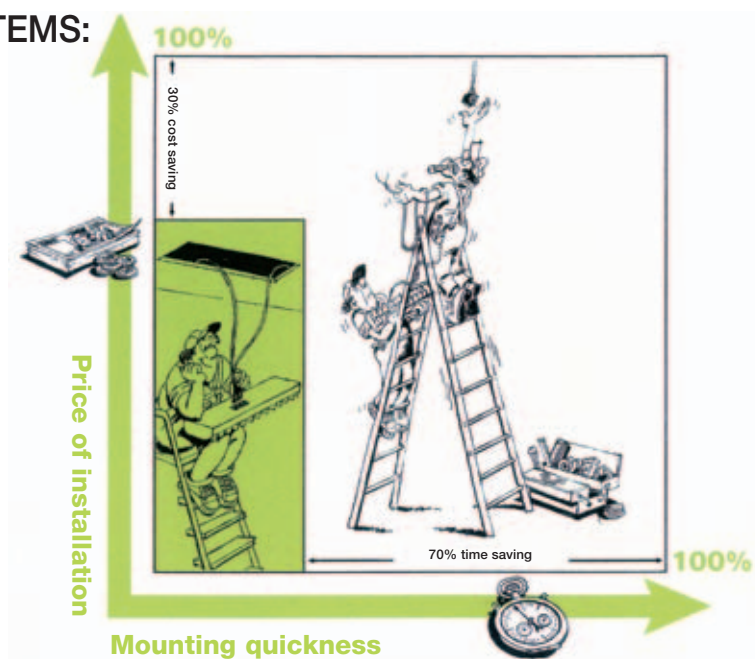
HIGHLY POLISHED PARABOLIC LOUVRE	POLISHED CHRISTMAS TREE LOUVRE	MATTED PARABOLIC LOUVRE	MATTED CHRISTMAS TREE LOUVRE	WHITE LOUVRE
				
B	D	C	J	A
HIGHLY POLISHED PARABOLIC LOUVRE	POLISHED CHRISTMAS TREE LOUVRE	MATTED PARABOLIC LOUVRE	MATTED CHRISTMAS TREE LOUVRE	PRISMATIC COVER
				
BL	DL	CL	JL	X

Z - opaline cover on request

EASY SET LUMINAIRE IS SUPPLIED INCLUDING THE LAMPS, PROTECTIVE FOIL AND CONNECTORS FOR QUICK MOUNTING.

BENEFITS OF THE CONNECTOR SYSTEMS:

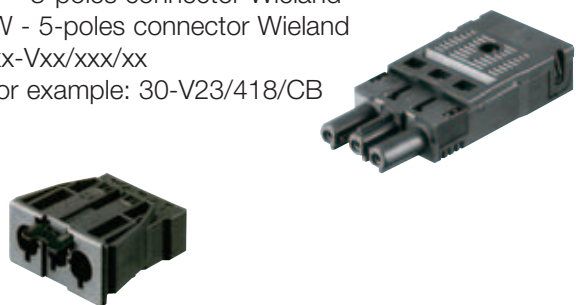
- A single connection of the luminaire without the necessity of its disassembly
- Installation is expressively faster through the connectors = cost saving of mounting
- Possibility of installation preparing and testing before mounting
- Lower risk of luminaire damage and pollution
- No more problems with storage and watchkeeping



Connector installation system Gesis

Encoding for recessed luminaires:

V - 3-poles connector Wieland
 W - 5-poles connector Wieland
 xx-Vxx/xxx/xx
 for example: 30-V23/418/CB



Encoding for industrial luminaires: IP65

K - 3-poles connector Wieland
 xx/Kxx/xxx/xx
 for example: 45-K16/140/B



Connector installation system Isodom



Encoding for recessed luminaires:

T - 3-poles connector Isodom
 U - 5-poles connector Isodom
 xx-Txx/xxx/xx
 for example: 30-T23/418/CB