REVERSO

lighting

nineteen

novelties

Beghelli

BEGHELLI S.p.A. Via Mozzeghine 13/15 - 40053 Valsamoggia loc. Monteveglio
Bologna - Italy - Tel. +39 051 9660411 - www.beghelli.com

lighting

professional nineteen **novelties**

Beghelli

825.118.000

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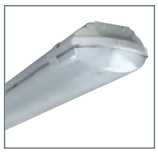

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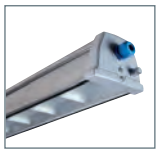

IP66 opticom SD Ex

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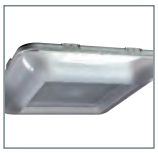

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System description and luminaire compatibility

opticom TECHNOLOGY

LUMINAIRE-SMARTPHONE OPTICAL COMMUNICATION VIA A DEDICATED APP:
·LIGHTING PARAMETER CONTROL ; SWITCH ON, SWITCH OFF AND DIMMING
·AUTODIMMER PARAMETER CONTROL, BOTH NATURAL LIGHT AND DYNAMIC LIGHT

SMARTDRIVER SD

SMART DRIVER

SMART DRIVER AND PHOTOSENSOR WITH OPTICOM SYSTEM:
- AUTODIMMER NATURAL LIGHT
- AUTODIMMER DYNAMIC LIGHT
- EMERGENCY, PLUG&LITE INVERTER
- HOME AUTOMATION REMOTE CONTROL MODULE
- DALI MODULE
- 1-10V MODULE

ECODRIVER ED

ECO DRIVER

LUMINAIRES EQUIPPED WITH DRIVERS FIXED LIGHT OR DIMMABLE 0-10V

LED Panel 600x600

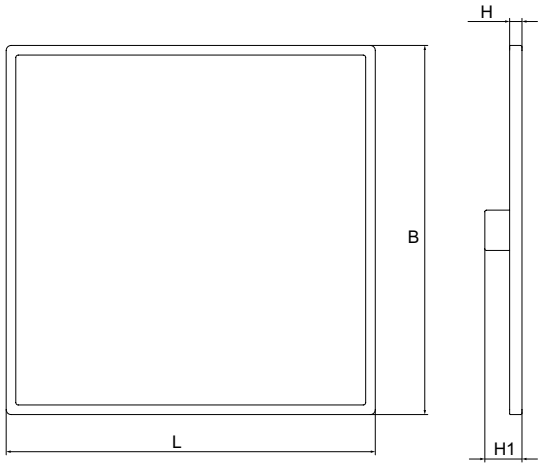
Ceiling, Suspended, M600

Innovative LED source luminaire characterised by great versatility of use. Thanks to its very low thickness and low weight, it can be suspended even in prestigious architectural environments.
The extremely high efficiency of the LEDs and the opal microprismatic diffuser screen allow this revolutionary luminaire to be used in environments that, due to the prolonged presence of people, require diffuse lighting and excellent visual comfort, such as offices, schools, hotels and shopping malls.
An emergency kit consisting of an inverter and a battery is also available to ensure the operation of the luminaire even in the event of a black-out; this kit is available in both the smart AT and LG versions and with the brand new Plug & Light inverter with immediate connection.

General characteristics

Power supply	**SD Luminaire:** Universal Multy Voltage 93÷265Vac 50÷60Hz 176÷250Vdc **ED Luminaire:** 230Vac ±10% 50Hz
Standard	EN60598-1; EN60598-2-22; EN 62471
Protection grade	IP20/40, IK05
Working temp.	-20°C +40°C
Mounting	M600 recessed mounting, ceiling mounting, suspended mounting, plasterboard mounting
Body	Aluminium, white
Optic	UV-stabilised screen fireproof, microprismatic, anti-reflective, PMMA light guide
CRI	>90
UGR	<19
Luminance	a 65° <3000 cd/mq
Driver	**SD Luminaire:** SELV Electronic SD (Cos j≥ 0,≥ 0.96) with smart dimming **ED Luminaire:** SELV Electronic ED (Cos j ≥ 0.95)
Colour temperature	4000K
MTBF Control gear**	65,000h
Luminous flux maintenance*	>50,000h (L80B20)
Colour deviation	3 SDCM

* At the reference Working temp. of 25°C



Type	• Dimensions (mm)				•Weight
	L	B	H	H1	kg
600x600	595	595	9	41	3.5

Accessories

to be ordered separately

Order code	Description
70033	SUSPENDED MOUNTING KIT
70048	PLASTERBOARD BRACKETS
20097	CEILING FRAME 600x600

Home automation SD

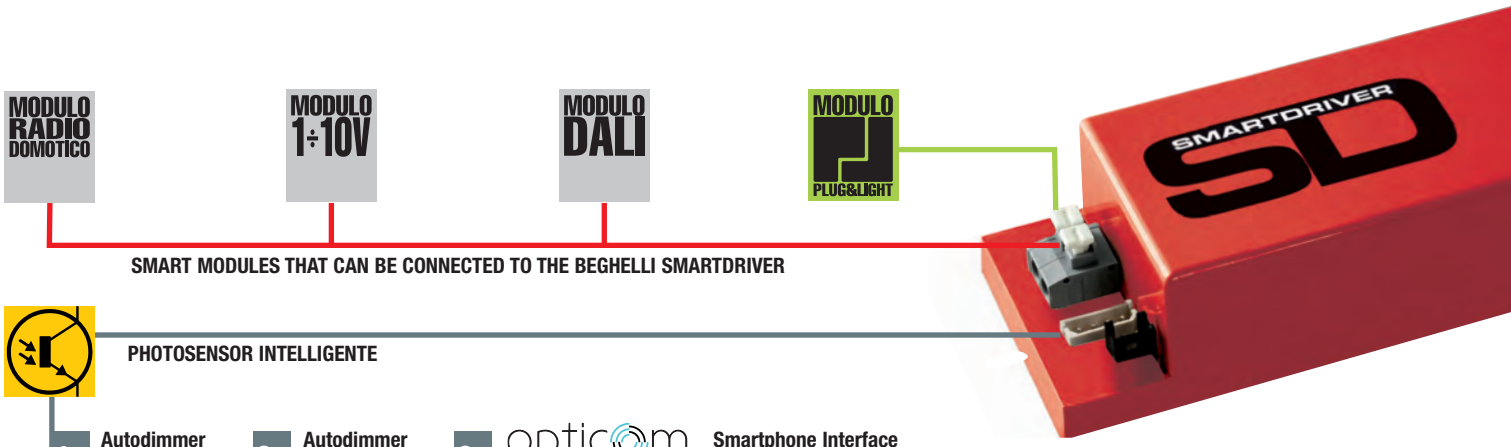
to be ordered separately

Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15022	HOME AUTOMATION REMOTE CONTROL MODULE
15024	DALI MODULE
15034	1-10V MODULE

Accessories SD

included

Order code	Description
15039	OPTICOM SMART PHOTOSENSOR



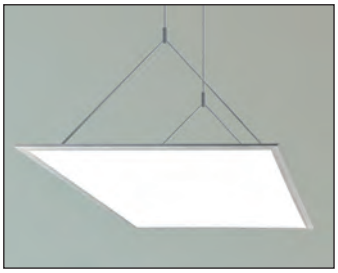
SMART MODULES THAT CAN BE CONNECTED TO THE BEGHELLI SMARTDRIVER

PHOTOSENSOR INTELLIGENTE

1. **Autodimmer Natural Light**
2. **Autodimmer Dynamic Light**
3. opticom TECHNOLOGY **Smartphone Interface Luminaire programming and control system**

RECESSED MOUNTING

SUSPENDED MOUNTING



70033 KIT DI SOSPENSIONE

CEILING MOUNTING

20097 CORNICE **CEILING** 600X600

PLASTERBOARD MOUNTING

70048 PLASTERBOARD BRACKETS

Efficacy and dimming

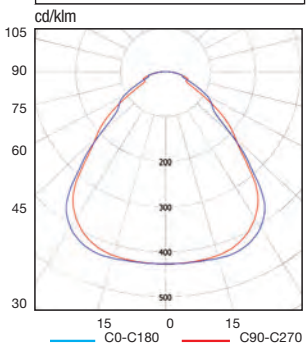
The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to the SD LED Panel considering an average dimming level equal to 50% of the luminous flux:

Dimming SD	**50%**
Luminaire useful life	**+40%**
Luminous efficiency	**+15%**

SPECIAL VERSIONS: COLOUR TEMPERATURE ON REQUEST
Contact Beghelli's sales network

PRISMATIC SCREEN

POLAR DIAGRAM



INVERTER

EMERGENCY WITH LED INVERTER

TR AT LG LGFM

19358 PLUG&LIGHT LED INVERTER SE/SA 1H 20-60V	to be ordered separately
19359 PLUG&LIGHT LED INVERTER SE/SA 3H 20-60V	to be ordered separately
19355* FULL LED INVERTER LG 6W 55V 123H	to be ordered separately
19372* FULL LED INVERTER LG 8W 55V 123H	to be ordered separately
19390* EXTREME INVERTER AT/LG AR 15W 55V LTO	to be ordered separately
19391* EXTREME INVERTER AT/LG AR 15W 55V LiFe	to be ordered separately

* IP65 cover required (order code 19376)

LG technology inverters can be turned into LGFM using a special accessory, code 19375

LED Panel 600x600

SmartDriver electronic ballast SD opticom TECHNOLOGY

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40107	LED PANEL 418 M600 U19 C90 SD 4K	32	4000	>90	36	240	4800	4000	110	A++	1

LED Panel 600x600

Eco Driver Electronic ballast ECODRIVER ED

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40101	LED PANEL 418 M600 U19 C90 ED 4K	32	4000	>90	36	240	4800	4000	110	A++	1

LED Panel IP65 600x600

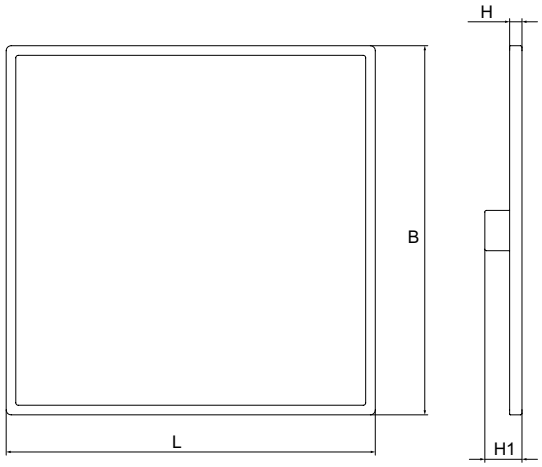
M600

Full IP65 LED luminaire with direct emission for recessed mounting.
The body of the luminaire is made of painted aluminium alloy, the diffuser allows to obtain a UGR<19 for optimal visual comfort and uniform emission.
The IP65 LED Panel is suitable for installation in medical environments such as: hospital rooms, operating rooms, medical clinics and aseptic chambers.

General characteristics

Power supply	**SD Luminaire:** Universal Multy Voltage 93÷265Vac 50÷60Hz 176÷250Vdc **ED Luminaire:** 230Vac ±10% 50Hz
Standard	EN60598-1; EN60598-2-22; EN 62471
Protection grade	IP65, IK05
Working temp.	-20°C +40°C
Mounting	M600 recessed mounting
Body	Aluminium, white
Optic	UV-stabilised screen fireproof, microprismatic, anti-reflective, PMMA light guide
CRI	>90
UGR	<19
Luminance	a 65° <3000 cd/mq
Driver	**SD Luminaire:** SELV Electronic SD (Cos φ≥ 0,≥ 0,96) with smart dimming **ED Luminaire:** SELV Electronic ED (Cos φ≥ 0,95)
Colour temperature	4000K
MTBF Control gear**	65,000h
Luminous flux maintenance*	>50,000h (L80B20)
Colour deviation	3 SDCM

* At the reference Working temp. of 25°C

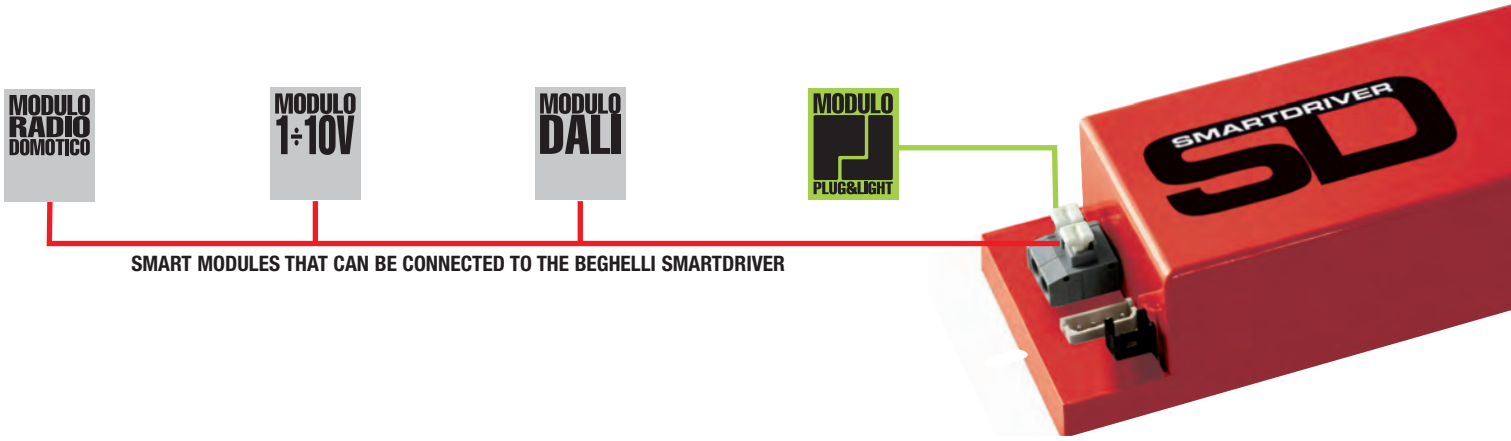


Type	• Dimensions (mm)				•Weight
	L	B	H	H1	kg
600x600	595	595	9	41	3.5

Home automation SD

to be ordered separately

Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15022	HOME AUTOMATION REMOTE CONTROL MODULE
15024	DALI MODULE
15034	1-10V MODULE



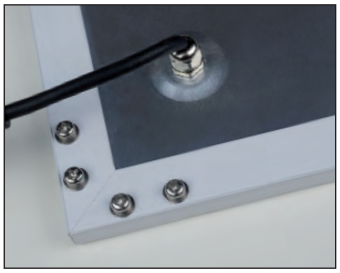
SMART MODULES THAT CAN BE CONNECTED TO THE BEGHELLI SMARTDRIVER

RECESSED MOUNTING

Efficacy and dimming

The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to the SD LED Panel considering an average dimming level equal to 50% of the luminous flux:

Dimming SD	**50%**
Luminaire useful life	**+40%**
Luminous efficiency	**+15%**



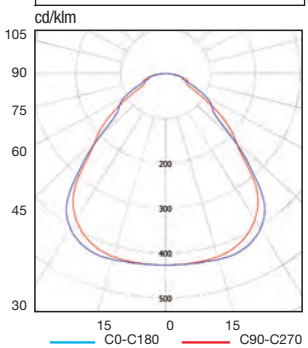
IP65 CABLE GLAND

IP65 DRIVER

SPECIAL VERSIONS: COLOUR TEMPERATURE ON REQUEST
Contact Beghelli's sales network

EMERGENCY VERSIONS:
for the Inverter code, please contact Beghelli's sales network

POLAR DIAGRAM



LED Panel IP65 600x600

SmartDriver electronic ballast SD

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40119	LED PANEL 418 M600 U19 C90 SD 4K IP65	32	4000	>90	36	240	4800	4000	110	A++	1

LED Panel IP65 600x600

Eco Driver Electronic ballast ED

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40113	LED PANEL 418 M600 U19 C90 ED 4K IP65	32	4000	>90	36	240	4800	4000	110	A++	1

LED Panel 1200x300

Ceiling, Suspended, M600

Innovative LED source luminaire characterised by great versatility of use. Thanks to its very low thickness and low weight, it can be suspended even in prestigious architectural environments. When recessed mounted into an exposed structure, the special innovative profile allows for the perfect alignment of the luminaire with the ceiling panels.
The highly-efficient LEDs and the opal microprismatic diffuser screen make this revolutionary luminaire suitable for use in environments that, due to the prolonged presence of people, require diffuse lighting and excellent visual comfort, such as offices, schools, hotels and shopping malls. Easy to install thanks to the exclusive quick fixing system.
The Plug&Light emergency kit consisting of an inverter and a battery designed to keep the luminaire on in the event of a black-out is available in both the smart AT and LG versions and with the brand new Plug&Light inverter with immediate connection
.

General characteristics

Power supply **SD Luminaire:** Universal Multy Voltage 93÷265Vac 50÷60Hz 176÷250Vdc
ED Luminaire: 230Vac ±10% 50Hz

Standard EN60598-1; EN60598-2-22; EN62471 (photobiological hazard free)

Protection grade IP20/40, IK05

Working temp. -20°C +40°C

Mounting M600 recessed mounting, ceiling mounting, suspended mounting, plasterboard mounting

Body Aluminium, white

Optic UV-stabilised screen fireproof, microprismatic, anti-reflective, PMMA light guide

CRI >90

UGR <19

Luminance a 65° <3000 cd/mq

Driver **SD Luminaire:**
SELV Electronic SD (Cos φ≥ 0,≥ 0,96) with smart dimming
ED Luminaire:
SELV Electronic ED (Cos φ≥ 0,95)

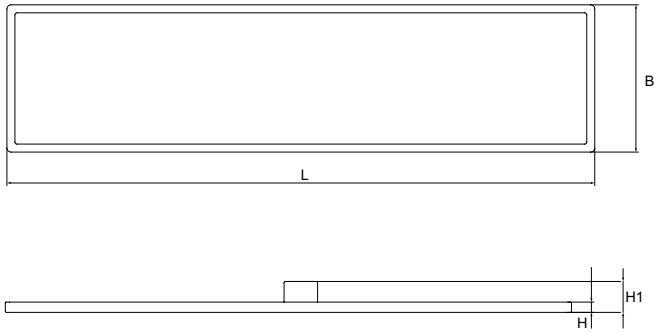
Colour temperature 4000K

MTBF Control gear** 80.000h

Luminous flux maintenance* >50,000h (L80B20)

Colour deviation 3 SDCM

* At the reference Working temp. of 25°C



Type	• Dimensions (mm)				•Weight
	L	B	H	H1	kg
	1196	296	9	41	4.9

Accessories SD

included

Order code	Description
15039	OPTICOM SMART PHOTOSENSOR

Accessories

to be ordered separately

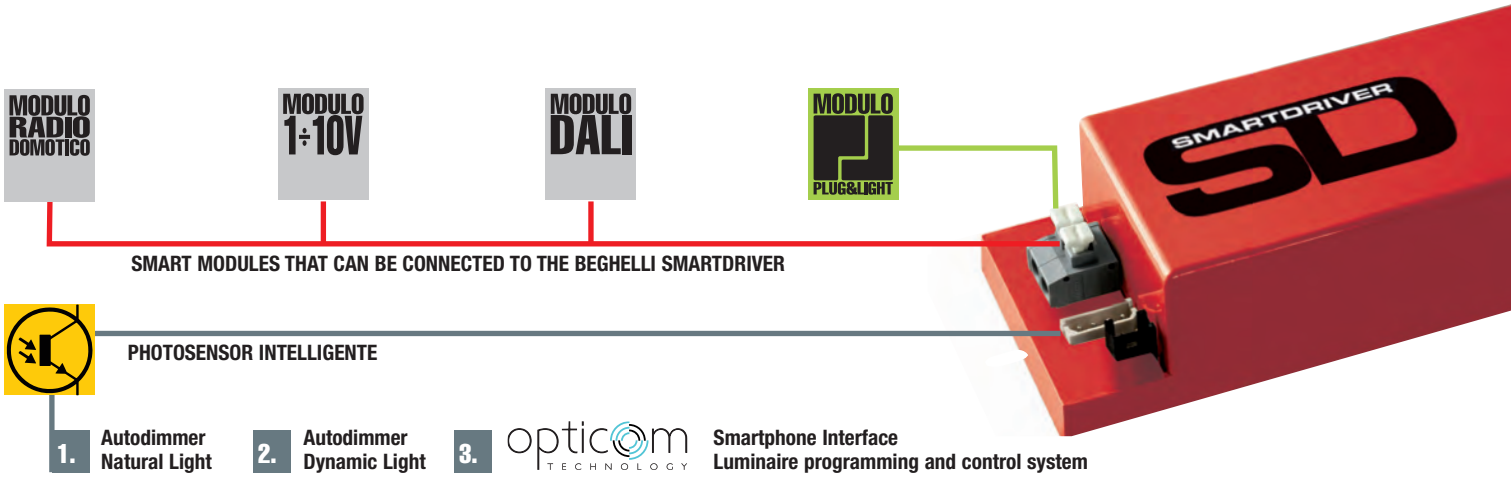
Order code	Description
70033	SUSPENDED MOUNTING KIT
70048	PLASTERBOARD BRACKETS
20100	CEILING FRAME 1200x3000

SPECIAL VERSIONS:
COLOUR TEMPERATURE ON REQUEST
Contact Beghelli's sales network

Home automation SD

to be ordered separately

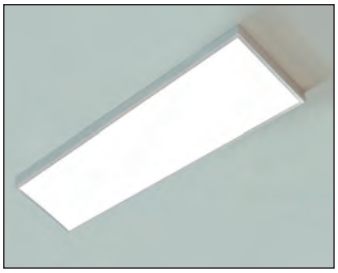
Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15022	HOME AUTOMATION REMOTE CONTROL MODULE
15024	DALI MODULE
15034	1-10V MODULE



SUSPENDED MOUNTING

70033 SUSPENDED MOUNTING KIT

CEILING MOUNTING

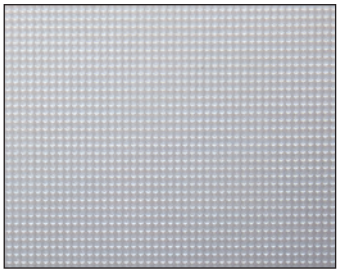


20100 CEILING FRAME 1200X300
1200X300

PLASTERBOARD MOUNTING

70048 PLASTERBOARD BRACKETS

PRISMATIC SCREEN



INVERTER

EMERGENCY WITH LED INVERTER

	TR	AT	LG	LGFM
19358 PLUG&LIGHT LED INVERTER SE/SA 1H 20-60V				to be ordered separately
19359 PLUG&LIGHT LED INVERTER SE/SA 3H 20-60V				to be ordered separately
19355* FULL LED INVERTER LG 6W 55V 123H				to be ordered separately
19372* FULL LED INVERTER LG 8W 55V 123H				to be ordered separately
19390* EXTREME INVERTER AT/LG AR 15W 55V LTO				to be ordered separately
19391* EXTREME INVERTER AT/LG AR 15W 55V LiFe				to be ordered separately

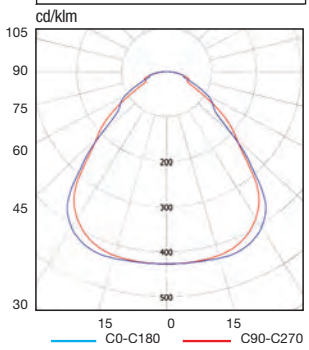
* IP65 cover required (order code 19376)
LG technology inverters can be turned into LGFM using a special accessory, code 19375

Efficacy and dimming

The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to the SD LED Panel considering an average dimming level equal to 50% of the luminous flux:

Dimming SD	**50%**
Luminaire useful life	**+40%**
Luminous efficiency	**+10%**

POLAR DIAGRAM



LED Panel 1200x300

SmartDriver electronic ballast SD opticom TECHNOLOGY

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40110	LED PANEL 30X120 U19 C90 SD 4K	32	4000	>90	36	480	4800	4000	110	A++	1

LED Panel 1200x300

Eco Driver Electronic ballast ED

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40104	LED PANEL 30X120 U19 C90 ED 4K	32	4000	>90	36	480	4800	4000	110	A++	1

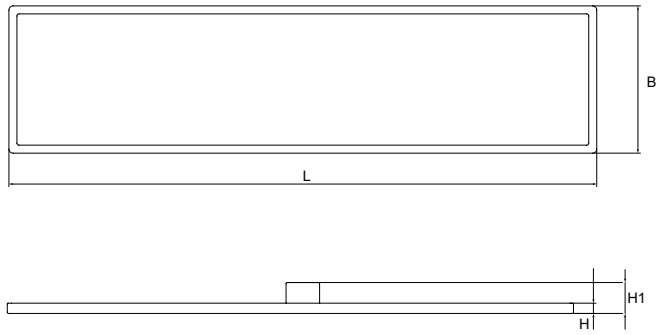
LED Panel IP65 1200x300

Full IP65 LED luminaire with direct emission for recessed mounting.
The body of the luminaire is made of painted aluminium alloy, the diffuser allows to obtain a UGR<19 for optimal visual comfort and uniform emission.
The IP65 LED Panel is suitable for installation in medical environments such as: hospital rooms, operating rooms, medical clinics and aseptic chambers.

General characteristics

Power supply	**SD Luminaire:** Universal Multy Voltage 93÷265Vac 50÷60Hz 176÷250Vdc **ED Luminaire:** 230Vac ±10% 50Hz
Standard	EN60598-1; EN60598-2-22; EN62471 (photobiological hazard free)
Protection grade	IP65, IK05
Working temp.	-20°C +40°C
Mounting	M600 recessed mounting
Body	Aluminium, white
Optic	UV-stabilised screen fireproof, anti-reflective, PMMA light guide
CRI	>90
UGR	<19
Luminance	a 65° <3000 cd/mq
Driver	**SD Luminaire:** SELV Electronic SD (Cos φ≥ 0,≥ 0,96) with smart dimming **ED Luminaire:** SELV Electronic ED (Cos φ≥ 0,95)
Colour temperature	4000K
MTBF Control gear**	80.000h
Luminous flux maintenance*	>50,000h (L80B20)
Colour deviation	3 SDCM

* At the reference Working temp. of 25°C

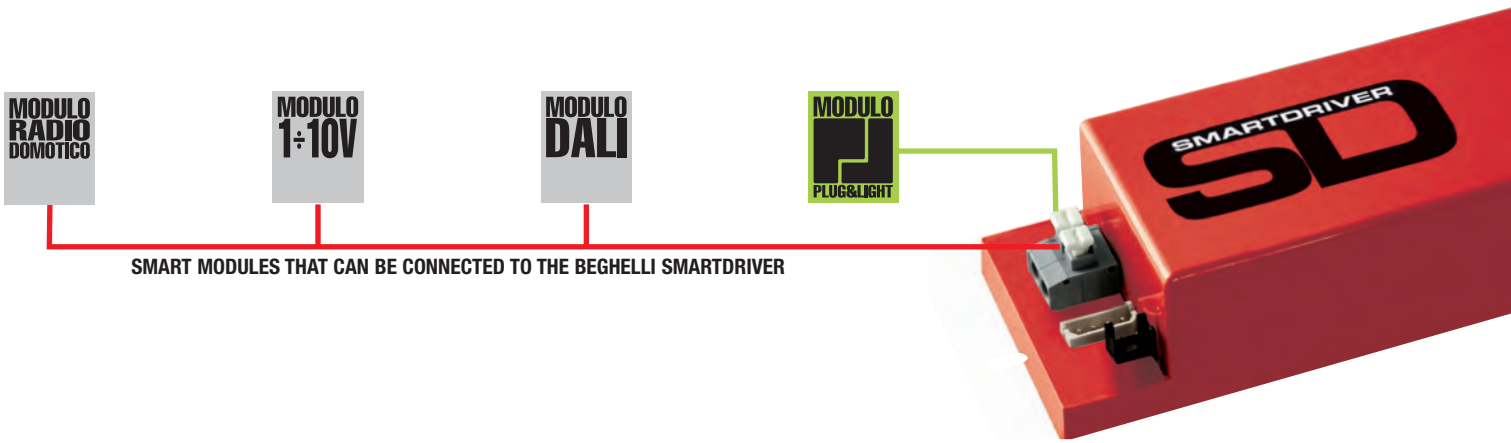


Type	• Dimensions (mm)				•Weight
	L	B	H	H1	kg
	1196	296	9	41	4.9

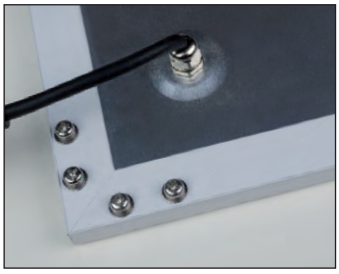
Home automation SD

to be ordered separately

Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNITi
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15022	HOME AUTOMATION REMOTE CONTROL MODULE
15024	DALI MODULE
15034	1-10V MODULE



SMART MODULES THAT CAN BE CONNECTED TO THE BEGHELLI SMARTDRIVER



IP65 CABLE GLAND

IP65 DRIVER

Efficacy and dimming

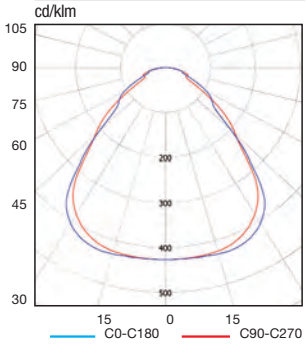
The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to the SD LED Panel considering an average dimming level equal to 50% of the luminous flux:

Dimming SD	**50%**
Luminaire useful life	**+40%**
Luminous efficiency	**+10%**

SPECIAL VERSIONS:
COLOUR TEMPERATURE ON REQUEST
Contact Beghelli's sales network

EMERGENCY VERSIONS:
for the Inverter code, please contact Beghelli's sales network

POLAR DIAGRAM



LED Panel IP65 1200x300

SmartDriver electronic ballast SD

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40122	LED PANEL 30X120 U19 C90 SD 4K IP65	32	4000	>90	36	480	4800	4000	110	A++	1

LED Panel IP65 1200x300

Eco Driver Electronic ballast ED

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40116	LED PANEL 30X120 U19 C90 ED 4K IP65	32	4000	>90	36	480	4800	4000	110	A++	1

Downlight IP54

Downlight

Recessed luminaire with comfort optic, UGR<19, suitable for home and work environments. Aluminium die-cast body, grey RAL 9016. White aluminium frame. Grey satin finish reflector with highly reflective surface that ensures optimal visual comfort for any type of application. The luminaire is supplied in version IP54, with a chromatic yield of CRI >90.
LED source with SMD technology. The luminaire comes with standard drivers. The SD version can be equipped with a wide range of emergency lighting inverters.
White or aluminium mirror finish reflectors available on request.

SD | ED | UGR <19 | CRI >90

IP54 | 650°C | CE

General characteristics

Power supply **SD Luminaire:** Universale Multy Voltage 93÷265Vac 50÷60Hz 176÷250Vdc (Cos φ≥ 0,96)
ED Luminaire: 230Vac ±10% 50Hz

Standard EN60598-1; EN60598-2-22; EN 62471

Protection grade IP54**

Working temp. -20°C +40°C

Mounting plasterboard recessed mounting

Body Die-cast aluminium RAL 9016

Optic High-efficiency, satin-finish aluminium (75°)

CRI >90

UGR <19

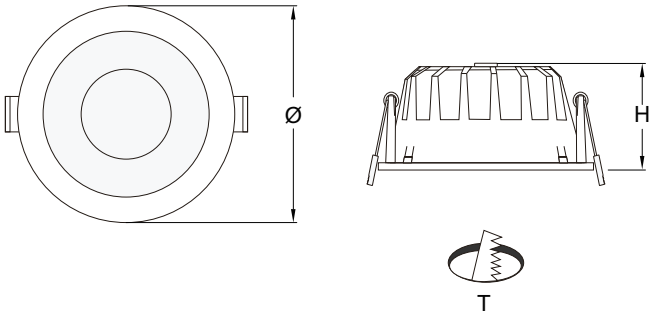
Driver **SD Luminaire:**
SELV Electronic SD (Cos φ≥ 0,96) with smart dimming
ED Luminaire:
SELV Electronic ED (Cos φ≥ 0,95)

MTBF Control gear** 70.000h

Luminous flux maintenance* >50,000h (L70B20)

Colour deviation 3 SDCM

* At the reference Working temp. of 25°C
** IP20 driver included



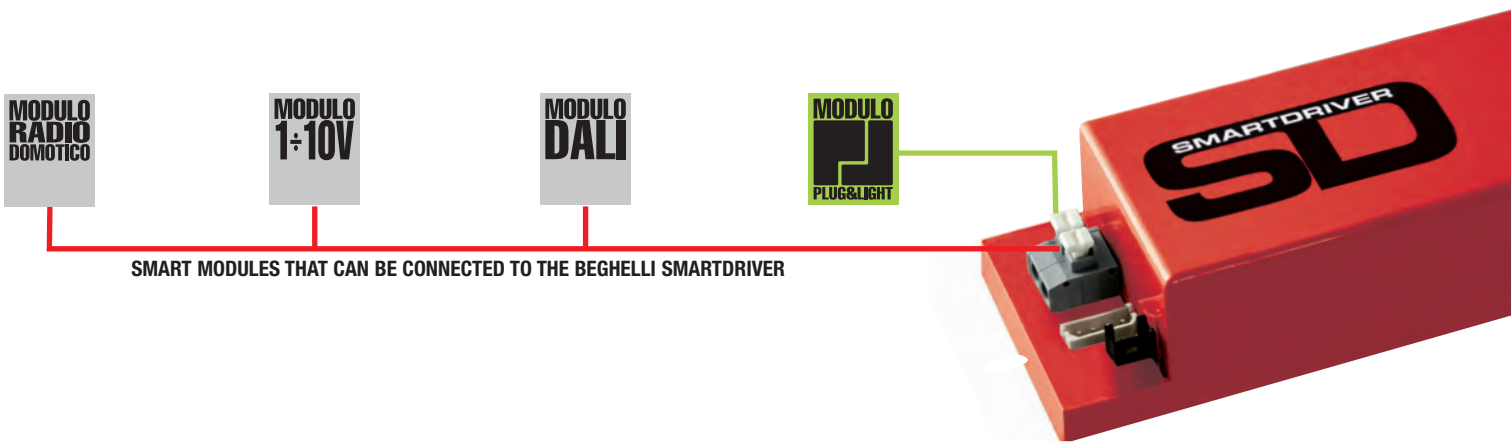
Type Order	• Dimensions (mm) Ø	H	T	•Weight kg
40324-40304	102	68	ø90	0.3
40325-40305	140	68	ø120	0.5
40326-40306	180	90	ø150	0.7
40327-40307	230	120	ø200	1.2

SPECIAL VERSIONS: COLOUR TEMPERATURE (3000K, 5000K), REFLECTOR FINISH (WHITE or MIRROR FINISH ALUMINIUM)
Contact Beghelli's sales network

Home automation SD

to be ordered separately

Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15022	HOME AUTOMATION REMOTE CONTROL MODULE
15024	DALI MODULE
15034	1-10V MODULE

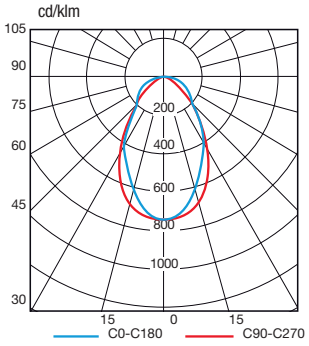


SMART MODULES THAT CAN BE CONNECTED TO THE BEGHELLI SMARTDRIVER

MIRROR FINISH ALUMINIUM REFLECTOR

WHITE REFLECTOR

POLAR DIAGRAM



INVERTER

EMERGENCY WITH LED INVERTER — TR | AT | LG | LGFM

19358 PLUG&LIGHT LED INVERTER SE/SA 1H 20-60V	to be ordered separately
19359 PLUG&LIGHT LED INVERTER SE/SA 3H 20-60V	to be ordered separately
19355* FULL LED INVERTER LG 6W 55V 123H	to be ordered separately
19372* FULL LED INVERTER LG 8W 55V 123H	to be ordered separately
19390* EXTREME INVERTER AT/LG AR 15W 55V LTO	to be ordered separately
19391* EXTREME INVERTER AT/LG AR 15W 55V LiFe	to be ordered separately

* IP65 cover required (order code 19376)

LG technology inverters can be turned into LGFM using a special accessory, code 19375

Downlight IP54

SmartDriver electronic ballast SD

Order Code	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency luminosa lm/W	Class Energy	Pack
40324	DWL IP54 10W 75°C90 SAT SD 4K	75°	9	4000	>90	10	1300	1100	110	A++	1
40325	DWL IP54 15W 75°C90 SAT SD 4K	75°	13	4000	>90	15	2000	1650	110	A++	1
40326	DWL IP54 25W 75°C90 SAT SD 4K	75°	22	4000	>90	25	3300	2750	110	A++	1
40327	DWL IP54 35W 75°C90 SAT SD 4K	75°	31	4000	>90	35	4600	3850	110	A++	1

Downlight IP54

Eco Driver Electronic ballast ED

Order Code	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency luminosa lm/W	Class Energy	Pack
40304	DWL IP54 10W 75°C90 SAT ED 4K	75°	9	4000	>90	10	1300	1100	110	A++	1
40305	DWL IP54 15W 75°C90 SAT ED 4K	75°	13	4000	>90	15	2000	1650	110	A++	1
40306	DWL IP54 25W 75°C90 SAT ED 4K	75°	22	4000	>90	25	3300	2750	110	A++	1
40307	DWL IP54 35W 75°C90 SAT ED 4K	75°	31	4000	>90	35	4600	3850	110	A++	1

FUNZIONE³ LED

Downlight

Light beam luminaire with variable colour temperature, characterised by a great versatility of use. Funzione3 focuses on a patented technology with a variable geometry multi-lenticular screen. The peripheral part of the downlight rotates on its axis until it reaches any of the three snap-in positions, each corresponding to a different type of light beam:
Diffused (UGR<25)
Focused (UGR<19)
Asymmetrical, Wall Washer type, suitable for lighting vertical walls, shelves or details on walls.
One single luminaire to solve different problems, with simplicity and elegance. A luminaire capable of changing the lighting atmosphere of the environment using a colour temperature selector.
Available in the Smart Driver version but also in the Eco Driver version, with the Driver built into the luminaire's body. In this case the total thickness is very low and, with the appropriate accessory, particularly suitable for ceiling mounting.
Funzione3 is equipped with a high chromatic yield LED (CRI>90).
The SD version of the luminaire can be equipped with a wide range of emergency lighting inverters.

opticom TECHNOLOGY · SD · ED · UGR <19 · CRI >90

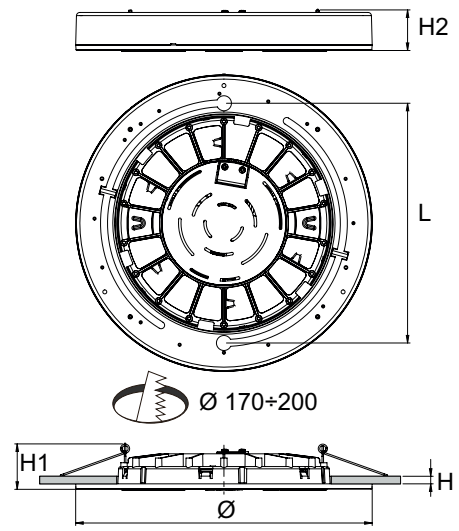
General characteristics

Power supply	**SD Luminaire:** Universal Multy Voltage 93÷265Vac 50÷60Hz 176÷250Vdc (Cos φ≥ 0,96) **ED Luminaire:** 230Vac ±10% 50Hz (Cos φ≥ 0,90)
Standard	EN 60598-1, EN 60598-2-1, EN 60598-2-22, (basic requirements), EN 62471 (photobiological hazard free)
Protection grade	IP20-40
Working temp.	-20°C ÷ +40°C
Mounting	plasterboard mounting, ceiling mounting, suspended mounting
Body	Polycarbonate, RAL 9003
Optic	PMMA Multi-lenticular
CRI	>90
UGR	<19, <25
Driver	**SD Luminaire**: SELV Electronic SD (Cos φ≥ 0,96) with smart dimming **ED Luminaire**: SELV Electronic ED (Cos φ≥ 0,95)
MTBF Control gear**	70.000h
Luminous flux maintenance*	>70.000h (L80B20)
Colour deviation	3 SDCM

* At the reference Working temp. of 25°C

IP20 IP40 · IK05 · 650°C · CE

Ceiling frame



Ø	Ø1	H	H1	L	H2	Weight kg
235	170÷200	6÷25	36	190	32	0,5

SPECIAL VERSIONS: COLOUR TEMPERATURE ON REQUEST, SAFE 24 SLGS. CONTACT BEGHELLI'S SALES NETWORK

INVERTER

EMERGENCY WITH LED INVERTER ONLY FOR THE SD VERSION TR

19367 PLUG&LIGHT LED INVERTER SE/SA 1H 60-180V	to be ordered separately
19371 PLUG&LIGHT LED INVERTER SE/SA 3H 60-180V	to be ordered separately

Accessories SD

included

Order code	Description
15039	OPTICOM SMART PHOTOSENSOR

Accessories

to be ordered separately

Order code	Description	
20129	CEILING FRAME	(included on the ED version)
20128	3-cable SUSPENSION	

Home automation SD

to be ordered separately

Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15022	HOME AUTOMATION REMOTE CONTROL MODULE
15024	DALI MODULE
15034	1-10V MODULE

SUSPENDED MOUNTING

20129 frame included on the ED version
20128 cables to be ordered separately

RECESSED MOUNTING

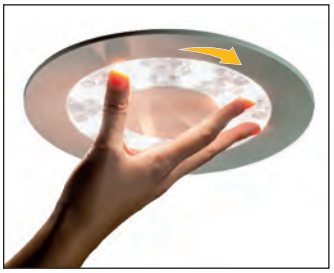
CEILING MOUNTING

20129 frame included on the ED version

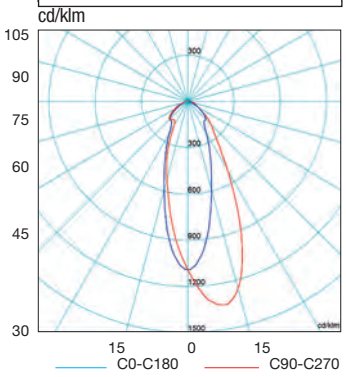
One product 27 solutions

By combining three types of mounting with the possibility of having three built-in optic on a single product, we offer you nine different combinations with a single device, each featuring 3 different colour temperatures: 3000, 4000, 5000K

WALL WASHER ASYMMETRICAL LENS

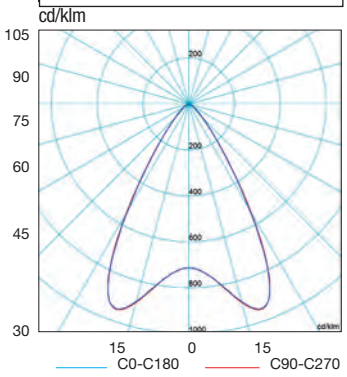


POLAR DIAGRAM



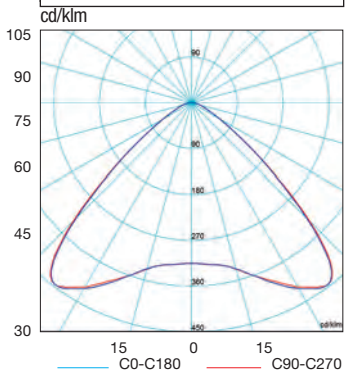
FOCUSING LENS, DARK LIGHT TYPE UGR <19

POLAR DIAGRAM



DIFFUSING LENS UGR <25

POLAR DIAGRAM



FUNZIONE^3 LED

SmartDriver electronic ballast

	Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N°LED	Flux LED lm (Tj=85°C)	Flux††† Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
	226SD4	FUNZIONE3 226 SD 4000K CRI90	12	4000	>90	13,5	24	1900	1500	110	A++	1
	170SD3	FUNZIONE3 170 SD 3000K CRI90	22	3000	>90	24	24	3400	2700	110	A++	1

FUNZIONE^3 LED

Eco Driver Electronic ballast

	Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N°LED	Flux LED lm (Tj=85°C)	Flux††† Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
	226ED4	FUNZIONE3 226 ED 4000K CRI90	12	4000	>90	13,5	24	1900	1500	110	A++	1
††	**170ED3**	FUNZIONE3 170 ED 3000K CRI90	22	3000	>90	24	24	3400	2700	110	A++	1

FUNZIONE^3 LED

CCT Switch - Eco Driver Electronic ballast

	Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N°LED	Flux LED lm (Tj=85°C)	Flux††† Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
	226EDMC	FUNZIONE3 226 ED MULTICOLOR CRI90	12	3000, 4000, 5000	>90	13,5	24	1900	1500	110	A++	1
††	**170EDMC**	FUNZIONE3 170 ED MULTICOLOR CRI90	22	3000, 4000, 5000	>90	24	24	3400	2700	110	A++	1

†† Single insulation product. Ceiling mounting only on surfaces that dissipate heat (concrete)
††† The flux refers to the luminaire fitted with a symmetrical lens

Spot 4

Accent spotlight for electrified track

Swivel LED floodlight suitable for installation on Eurostandard three-phase electrified track. Powder coated extruded aluminium body available in white or black. High chromatic yield LED COB technology with interchangeable optic, CRI>90. The standard product comes with a 36° optic; 15°- 24°- 60° optic are available as accessories.
Spot 4 is suitable for indoor and retail environments.
In the SD version, thanks to the built-in remote control modules, the luminaire can be controlled remotely for luminous flux and consumption optimisation.

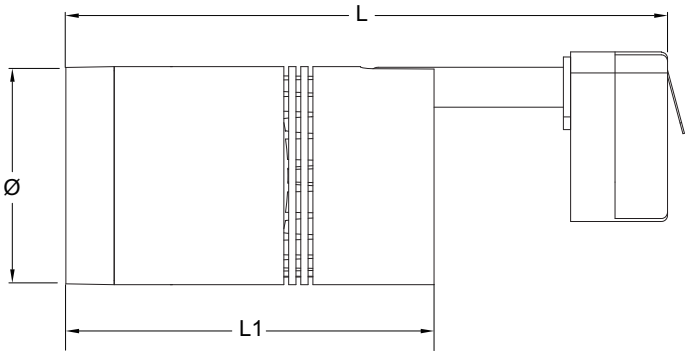
SD | ED | UGR <19 | CRI >90

IP20 | IK05 | 650°C | CE

General characteristics

Power supply	**SD Luminaire:** Universal Multy Voltage 93÷265Vac 50÷60Hz 176÷250Vdc (Cos φ≥ 0,96) **ED Luminaire:** 230Vac ±10% 50Hz (Cos φ≥ 0,90)
Standard	EN60598-1; EN60598-2-22; EN 62471
Protection grade	IP40
Working temp.	-20°C +40°C
Mounting	Three-phase electrified track
Body	Die-cast aluminium, RAL9016
Optic	High-efficiency, conical, aluminium
CRI	>90
UGR	<19
Driver	**SD Luminaire:** SELV Electronic SD (Cos φ≥ 0,96) with smart dimming **ED Luminaire:** SELV Electronic ED (Cos φ≥ 0,90)
Colour temperature	4000K
MTBF Control gear**	50.000h
Luminous flux maintenance*	>35.000h (L90B10)
Colour deviation	4 SDCM

* At the reference Working temp. of 25°C



Code Order	• Dimensions (mm) • Ø	L	L1
40420-40400	66	226	121
40421-40401	66	226	121
40422-40402	90	257	153

Accessories SD — included

Order code	Description
15022	MODULO RADIO DOMOTICO

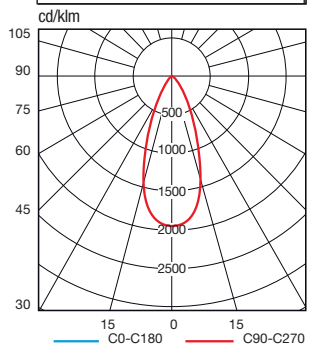
Accessories — to be ordered separately

Order code	Description
40910	OPTIC 15°
40911	OPTIC 24°
40912	OPTIC 60°
40913	HONEYCOMB ANTI-GLARE

Home automation SD — to be ordered separately

Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNITi
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15024	DALI MODULE
15034	1-10V MODULE

POLAR DIAGRAM



SPECIAL VERSIONS: COLOUR TEMPERATURE ON REQUEST, BLACK VERSIONS
Contact Beghelli's sales network

Spot 4

SmartDriver electronic ballast SD

Order Code	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40420	SPOT 4 15W 36° C90 WHITE SD 3K	36°	13	3000	>90	15	1 COB	1800	1500	100	A++	1
40421	SPOT 4 25W 36° C90 WHITE SD 3K	36°	22	3000	>90	25	1 COB	3000	2500	100	A++	1
40422	SPOT 4 30W 36° C90 WHITE SD 3K	36°	27	3000	>90	30	1 COB	4200	3500	117	A++	1

Spot 4

Eco Driver Electronic ballast ED

Order Code	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40400	SPOT 4 15W 36° C90 WHITE ED 3K	36°	13	3000	>90	15	1 COB	1800	1500	100	A++	1
40401	SPOT 4 25W 36° C90 WHITE ED 3K	36°	22	3000	>90	25	1 COB	3000	2500	100	A++	1
40402	SPOT 4 30W 36° C90 WHITE ED 3K	36°	27	3000	>90	30	1 COB	4200	3500	117	A++	1

Rail System IRON

Pre-wired carrier profile + SD lighting module SD

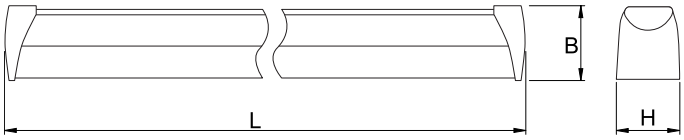
Continuous row system with modular pre-wired channel; the same carrier channel is used to install both the three-phase track and the luminaire available with 7 different optic to meet most of the lighting requirements in retail. GDO, office and industrial environments. 8-pin channel pre-wiring: 3 Phase - Neutral - Ground - Emergency lighting - DALI Bus.
All the components are made of pre-galvanised sheet steel with high-precision joints and mechanical locks, very easy to install; the range allows the creation track-mounted systems with different levels of complexity.
In the SD version, thanks to the built-in remote control modules, the luminaire can be controlled remotely for luminous flux and consumption optimisation.

IP40 IK05 650°C

General characteristics

Power supply	230 Vac ±10% 50Hz (Cos φ≥0,90)
Standard	EN 60598-1, EN 60598-2-1, EN 60598-2-22 (basic requirements), EN62471 (photobiological hazard free)
Protection grade	IP40
Working temp.	-20 ÷ +40°C
Mounting	ceiling mounting, suspended mounting
Body	Polyester powder-coated pre-galvanised sheet steel, RAL 9010
Optic	Clear PMMA lens
Driver	SELV electronic ED Dimmable 0-10V (Cos φ≥ 0,95)
MTBF Control gear**	80.000h
Luminous flux maintenance*	>60.000h (L80B20)
Colour deviation	3 SDCM

* At the reference Working temp. of 25°C



• Dimensions (mm) • L	B	H	Weight kg
1500	73	80	3,6

Accessories SD

included

Order code	Description
	BUILT-IN HOME AUTOMATION REMOTE CONTROL

Home automation SD

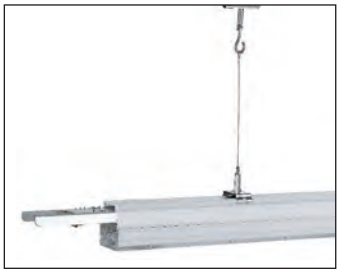
to be ordered separately

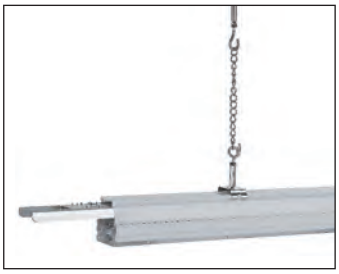
Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER

CEILING MOUNTING

40618 RAIL IRON CEILING BRACKET to be ordered separately

SUSPENDED MOUNTING





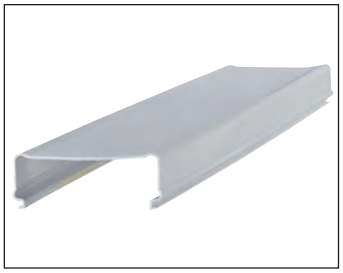
40615 RAIL IRON BRACKET WITH STEEL CABLE 3M to be ordered separately

40616 RAIL IRON BRACKET WITH CABLE 3M to be ordered separately

CEILING MOUNTING

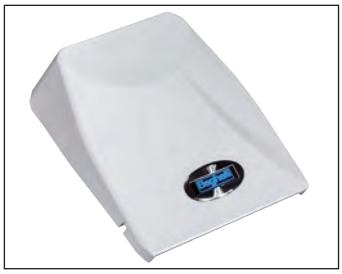
40617 RAIL IRON SLAT BRACKET to be ordered separately

COVERS



40614 RAIL IRON COVER PC 1500 to be ordered separately

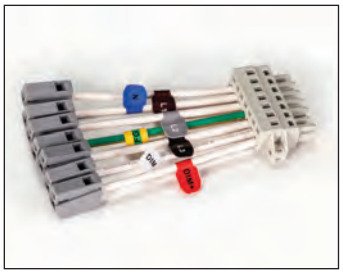
END CAP

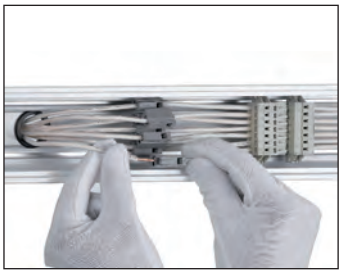


40612 RAIL IRON END CAP to be ordered separately

40613 RAIL IRON THREE-PHASE TRACK END CAP to be ordered separately

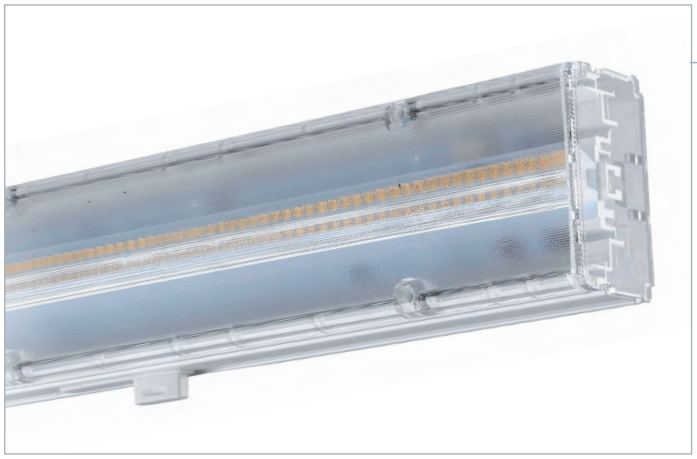
7-PIN CONNECTION SYSTEM





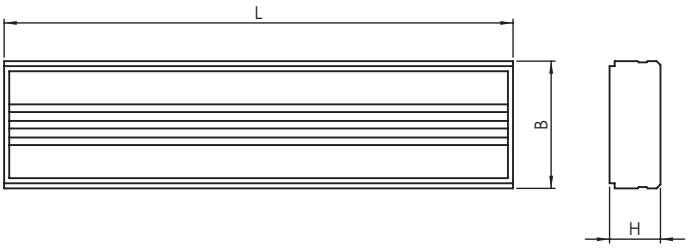
40610 RAIL IRON 8-WIRE POWER SUPPLY to be ordered separately

Fixing point centre distance



SD Lighting Module

Rail System IRON



• Dimensions (mm) • L	B	H	Weight kg
1500	69	39	1,7

Rail System IRON LED

Electronic ballast SD

Order Code	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40533	RAIL IRON 1500 DS 50W SD 4K	DOUBLE ASIMM.	45	4000	>80	50	243	9600	8000	160	A++	1/10
40536	RAIL IRON 1500 FF 50W SD 4K	120°	45	4000	>80	50	243	9600	8000	160	A++	1/10

Rail System IRON LED

0-10V Dimmable Electronic ballast ED

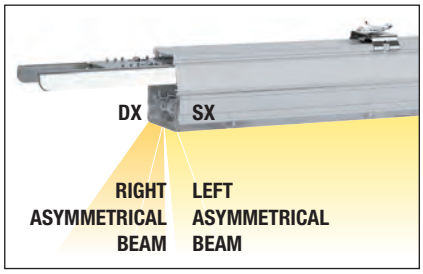
Order Code.	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40513	RAIL IRON 1500 DS 35W ED 4K 0-10V	DOUBLE ASIMM.	31	4000	>80	35	243	6700	5600	160	A++	1/10
40516	RAIL IRON 1500 FF 35W ED 4K 0-10V	120°	31	4000	>80	35	243	6700	5600	160	A++	1/10
40520	RAIL IRON 1500 DS 50W ED 4K 0-10V	DOUBLE ASIMM.	45	4000	>80	50	243	9600	8000	160	A++	1/10
40523	RAIL IRON 1500 FF 50W ED 4K 0-10V	120°	45	4000	>80	50	243	9600	8000	160	A++	1/10

INVERTER

EMERGENCY WITH LED INVERTER TR

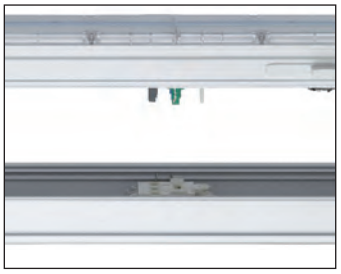
19367 PLUG&LIGHT LED INVERTER SE/SA 1H 60-180V	to be ordered separately
19371 PLUG&LIGHT LED INVERTER SE/SA 3H 60-180V	to be ordered separately

SPECIAL VERSIONS: CHORMATIC YIELD≥ 90, COLOUR TEMPERATURE, IP54 VERSION ON REQUEST
Contact Beghelli's sales network



SUSPENDED MOUNTING

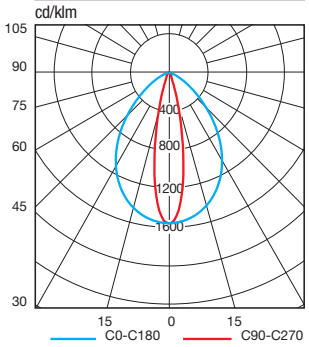
FIXING SYSTEM



7 Optic, 7 different photometric solids

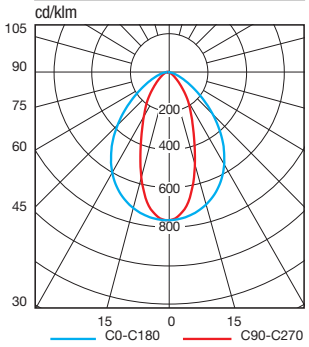
Rail System ECO

25° *



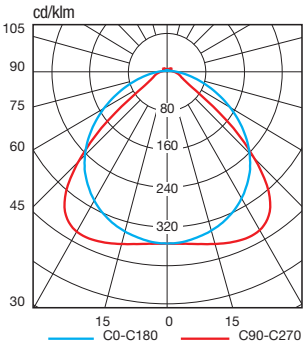
Rail System ECO

60° *



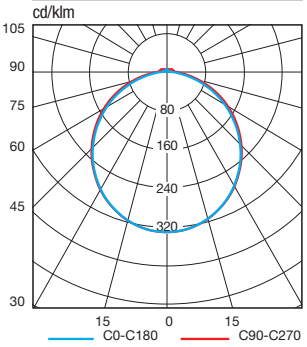
Rail System ECO

90° *



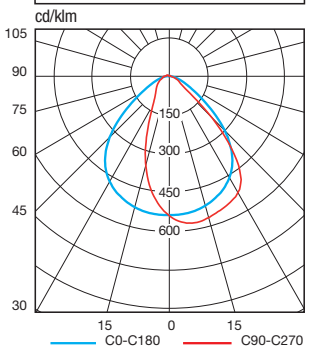
Rail System ECO

120°



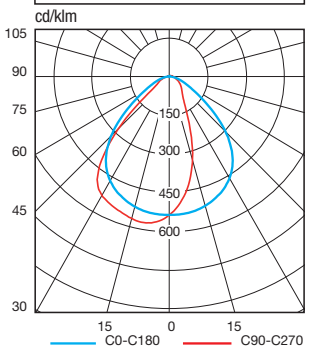
Rail System ECO

asimmetrica dx *



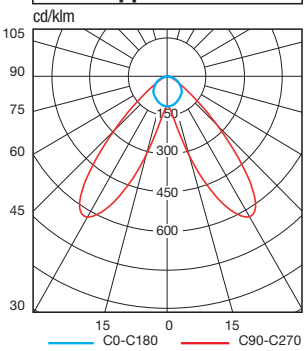
Rail System ECO

asimmetrica sx *



Rail System ECO

doppio asimm.

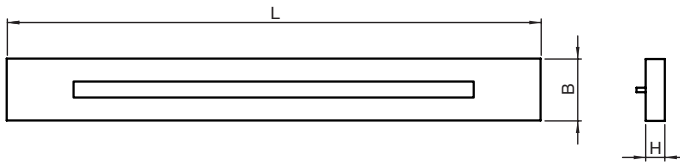


*** Contact Beghelli's sales network**

Modulo Binario elettrificato

Rail System IRON

For Zoom LED or EXPO LED-type three-phase spotlights



• Dimensions (mm) • L	B	H	Weight kg
1518	68	21	1,7

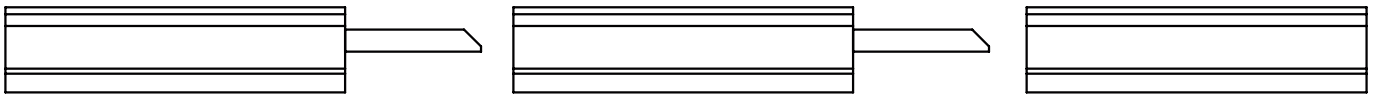
Electrified track module

Order Code	Description	Sing/multi pack
40611	SPOT RAIL IRON 1500 7 WIRE	1/10

Pre-wired carrier profile

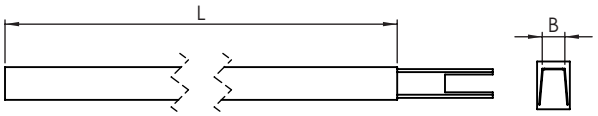
Rail System IRON

Number of lamps in continuous row per phase

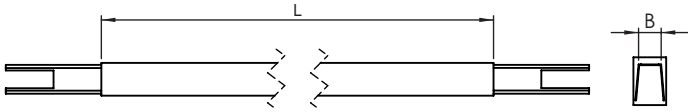


Length mm	Cable section mm²	Lamp quantity	Line len. m
1500	2,5	54	81

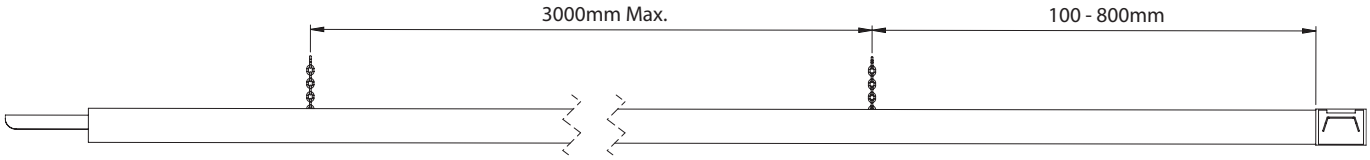
The indicated quantities and length values refer to each phase.
The electrified track consists of 3 phases, 1 neutral, Ground + 3 wires that can be used to power an emergency lighting system and/or a BUS (Dali or Logica)



EC track

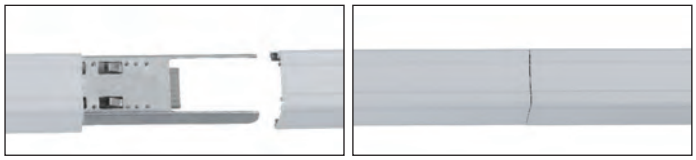


CC track



Fixing point centre distance

CONTINUOUS ROW INSTALLATION



Track - Carrier profile for single installation

Model mm	Order Code	Description	Cable section mm²	• Dimensions (mm) • L	B	Weight kg	Sing/multi packi
1500	**40502**	RAIL IRON 1500 8 WIRE	2,5	1500	70,2	1,7	1/10

EC track -Carrier profile with side power supply

Model mm	Order Code	Description	Cable section mm²	• Dimensions (mm) • L	B	Weight kg	Sing/multi packi
600	**40500**	RAIL IRON 600 8 WIRE EC	2,5	600	70,2	0,7	1/10
1500	**40501**	RAIL IRON 1500 8 WIRE EC	2,5	1500	70,2	1,8	1/10
3000	**40504**	RAIL IRON 3000 8 WIRE EC	2,5	3000	70,2	3,6	1/10

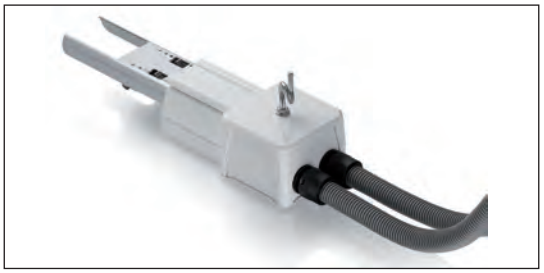
CC track - Carrier profile with central power supply (from above)

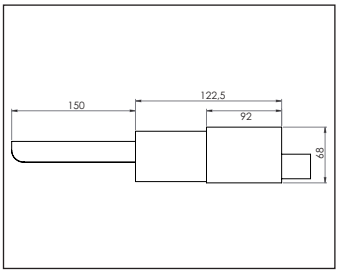
Model mm	Order Code	Description	Cable section mm²	• Dimensions (mm) • L	B	Weight kg	Sing/multi pack
1500	**40503**	RAIL IRON 1500 8 WIRE CC	2,5	1500	70,2	1,8	1/10
3000	**40505**	RAIL IRON 3000 8 WIRE CC	2,5	3000	70,2	3,6	1/10

To power a continuous line from above, one CC track will be enough; it will supply all the EC tracks in both directions

Rail System IRON power supply end cap

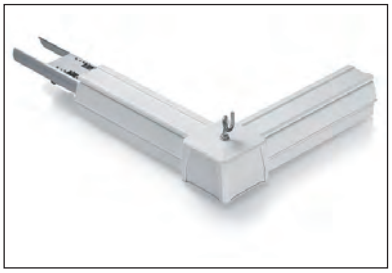
POWER SUPPLY END CAP

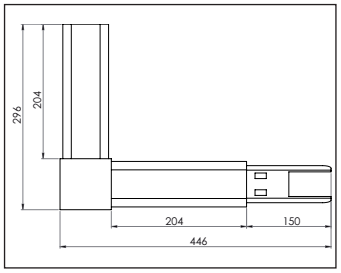


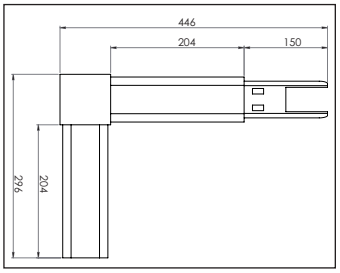


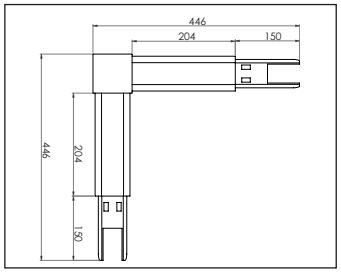
40600 RAIL IRON POWER HEAD 8 WIRES

Rail System IRON end cap and joint connections



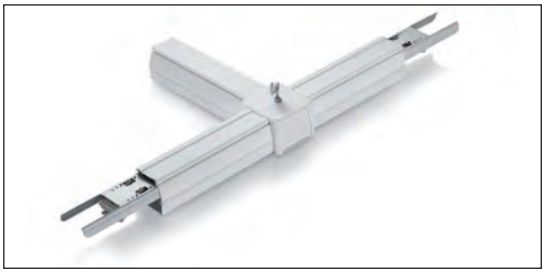


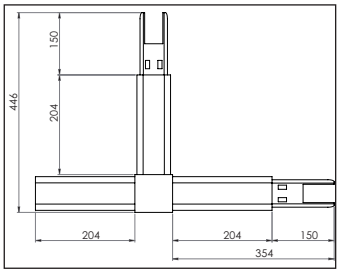




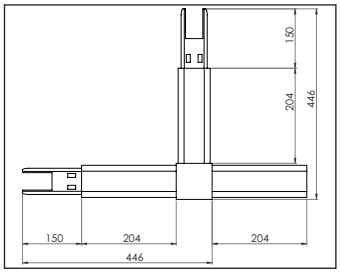
40601 RAIL IRON L INL OUTR 8 WIRE **40602** RAIL IRON L INR OUTL 8 WIRE S **40603** RAIL IRON L POWER 2OUT 8 WIRE

T-JOINT

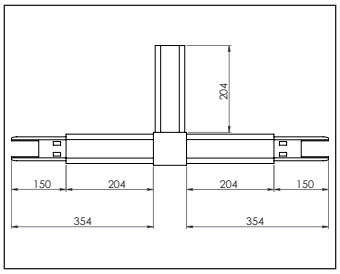




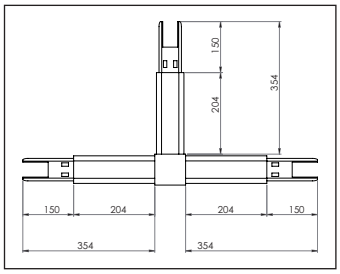
40604 RAIL IRON T 1INL 2OUTR 8 WIRE



40605 RAIL IRON T 1INR 2OUTL 8 WIRE

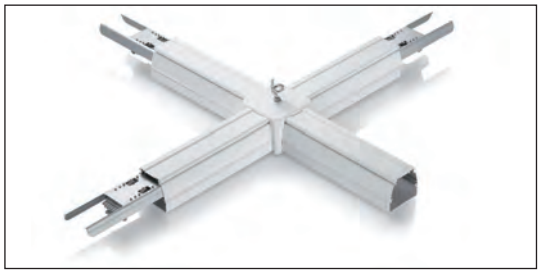


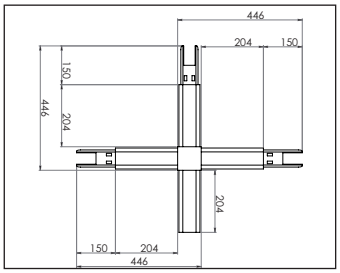
40606 RAIL IRON T 1INC 2OUTS 8 WIRE



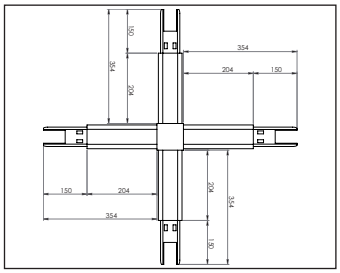
40607 RAIL IRON T POWER 3OUT 8 WIRE

X-JOINT





40608 RAIL IRON X 1 IN 3OUT 8 WIRE



40609 RAIL IRON X POWER 4OUT 8 WIRE

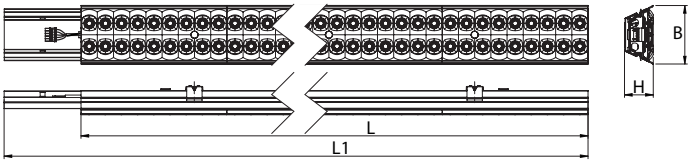
Lens Fila LED

Plafoniera

Luminaire specifically designed for continuous row mounting in large environments. Pass-through wiring and quick access system to the terminal board for quick and safe installation.
Multi-lenticular optic designed for the correct lighting of shopping centres and large Retail spaces.
The luminaire can be equipped with a wide range of emergency lighting inverters
.

IP40 IK05 UV-OIL 650°C CE

opticom TECHNOLOGY SD ED



General characteristics

Power supply **SD Luminaire**: Universal Multy Voltage 93÷265Vac 50÷60Hz 176÷250Vdc
ED Luminaire: 230Vac ±10% 50Hz

Standard EN 60598-1, EN 60598-2-1, EN 60598-2-22 (basic requirements), EN62471 (photobiological hazard free)

Protection grade IP40**

Working temp. -20°C ÷ +40°C

Mounting ceiling mounting, suspended mounting

Body Polyester powder-coated pre-galvanised steel sheet, RAL 9003

Optic Clear PMMA multi-lenticular

Driver **SD Luminaire**:
SELV Electronic SD (Cos φ≥ 0,96) with smart dimming
ED Luminaire:
SELV Electronic ED (Cos φ≥ 0,95)

MTBF Control gear** 80.000 h

Luminous flux maintenance* >60.000h (L80B20)

Colour deviation 3 SDCM

* At the reference Working temp. of 25°C
** The IP rating refers to the lamp in single configuration

Nominal length (mm)	• Dimensions (mm) • L	L1	B	H	Weight max kg
600	569	719	114	56	1.3
1200	1138	1288	114	56	2.5
1500	1422	1572	114	56	3.5

Accessories SD

included

Order code	Description
15039	OPTICOM SMART PHOTOSENSOR

Home automation SD

to be ordered separately

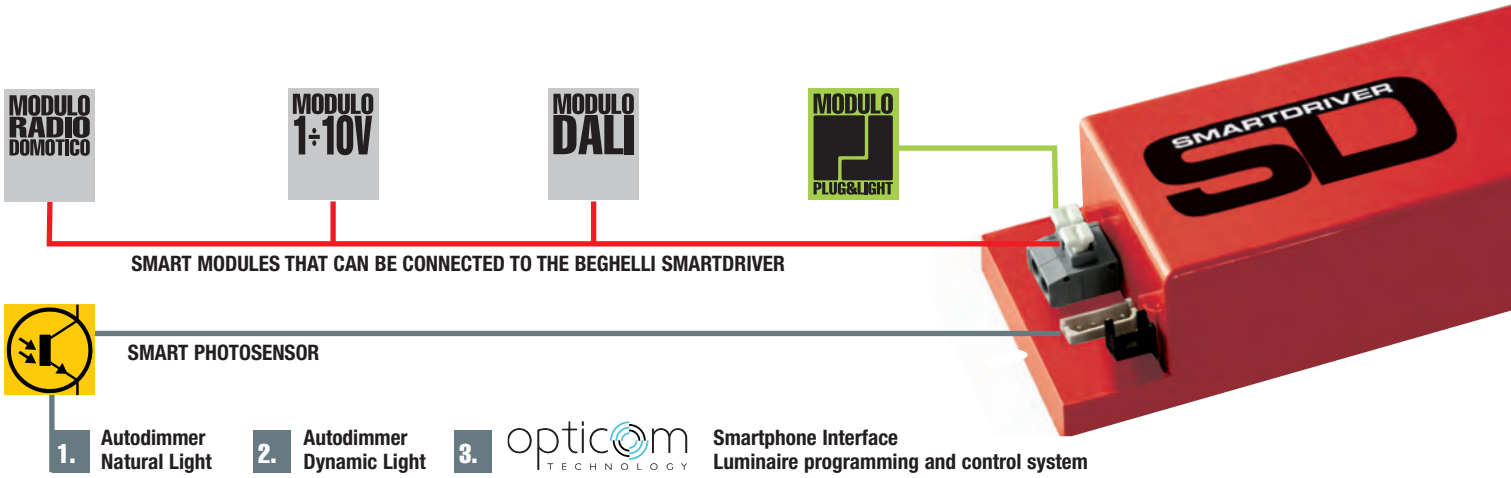
Order code	Descrizione
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15022	HOME AUTOMATION REMOTE CONTROL MODULE
15024	DALI MODULE
15034	1-10V MODULE

Accessories

to be ordered separately

Order cod	Descrizione
20126	LENS FILA BOX
20127	LENS FILA SUSPENSION WIRE 1,5m
20133	LENS FILA SUSPENSION WIRE 3m
20134	LENS FILA BRACKET BOX
20135	LENS FILA 600 BLIND 5P
20136	LENS FILA 1200 BLIND 5P
20137	LENS FILA 1500 BLIND 5P
20138	LENS FILA POWER HEAD 5P
20139	LENS FILA CAP
20140	MORS 5P F 90° L1 N L2 T L3
20141	MORS 5P M 90° L3 T L2 N L1
20142	MORS 5P F-DP 90° L1 N L2 T L3
20144	LENS FILA CABLE 5P FEMALE
20145	LENS FILA CABLE 5P 2X FEMALE
20146	LENS FILA CABLE 5P MALE-FEMALE
20147	LF CABLE 5P FEMALE-2X FEMALE

SPECIAL VERSIONS: CHROMATIC YIELD ≥90 - COLOUR TEMPERATURE ON REQUEST
Contact Beghelli's sales network



Efficacy and dimming

The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to the Lens Fila LED considering an average dimming level equal to 50% of the luminous flux:

Dimming SD	**50%**
Luminaire useful life	**+40%**
Luminous efficiency	**+10%**

Number of lamps in continuous row per phase

Nominal length (mm)	No. of lamps 230Vac	Cable section mm^2	Line length m 230Vac
600	-	2,5	-
1200	46	2,5	52
1500	37	2,5	52

INVERTER

EMERGENCY WITH LED INVERTER

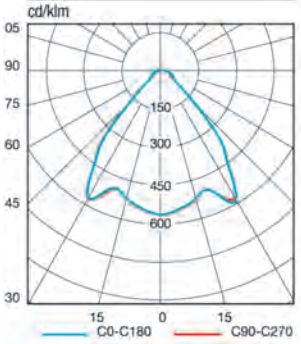
TR AT LG LGFM

19358	PLUG&LIGHT LED INVERTER SE/SA 1H 20-60V	to be ordered separately
19359	PLUG&LIGHT LED INVERTER SE/SA 3H 20-60V	to be ordered separately
19355	FULL LED INVERTER LG 6W 55V 123H	to be ordered separately
19372	FULL LED INVERTER LG 8W 55V 123H	to be ordered separately
19390	EXTREME INVERTER AT/LG AR 15W 55V LTO	to be ordered separately
19391	EXTREME INVERTER AT/LG AR 15W 55V LiFe	to be ordered separately

LG technology inverters can be turned into LGFM using a special accessory, code 19375

The inverters cannot be used with codes LF218SD and LF218ED

POLAR DIAGRAM



Lens Fila LED

SmartDriver electronic ballast SD opticom TECHNOLOGY

	Nominal length (mm)	Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Class Energy	Efficiency Luminous lm/W	Pack
††	600	**LF218SD**	LENS FILA LED 2x18 SD 4K	27	4000	≥80	30	36	4700	4000	A++	133	1
	1200	**LF236SD**	LENS FILA LED 2x36 SD 4K	54	4000	≥80	60	72	9300	8000	A++	133	1
	1500	**LF280SD**	LENS FILA LED 2x80 SD 4K	67	4000	≥80	74	90	11600	9900	A++	133	1

†† Products that can be installed ONLY at the beginning of a row and ALWAYS with the code 20138
They CANNOT be installed with codes 20126 and 20134

Lens Fila LED

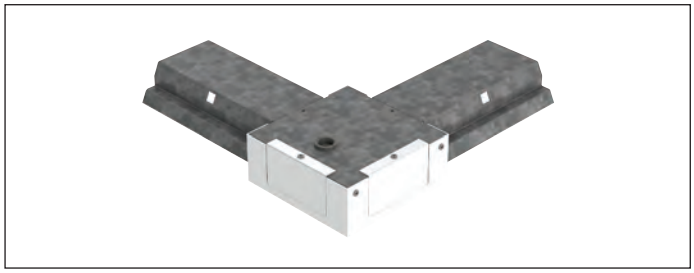
Eco Driver Electronic ballast ED

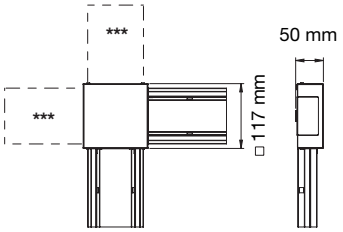
	Nominal length (mm)	Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Class Energy	Efficiency Luminous lm/W	Pack
††	600	**LF218ED**	LENS FILA LED 2x18 ED 4K	24	4000	≥80	27	36	4200	3600	A++	135	1
	1200	**LF236ED**	LENS FILA LED 2x36 ED 4K	49	4000	≥80	54	72	8600	7300	A++	135	1
	1500	**LF280ED**	LENS FILA LED 2x80 ED 4K	60	4000	≥80	67	90	10500	9000	A++	135	1

†† Products that can be installed ONLY at the beginning of a row and ALWAYS with the code 20138
They CANNOT be installed with codes 20126 and 20134

Lens Fila LED accessories

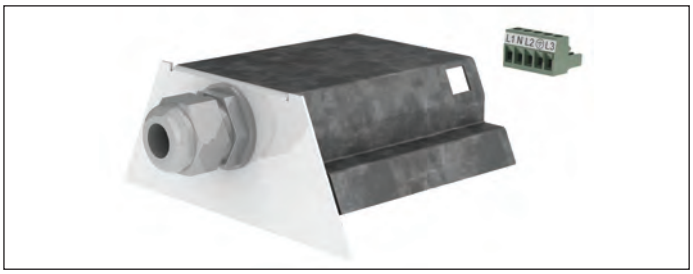
JUNCTION BOX





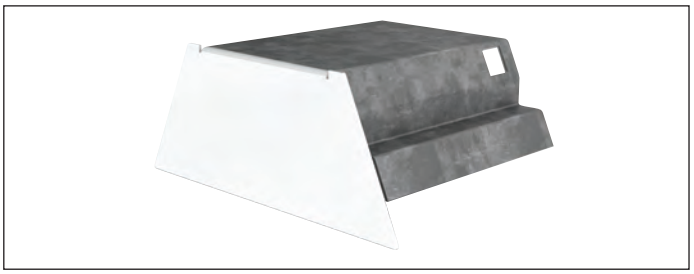
20126 LENS FILA BOX

POWER SUPPLY END CAP



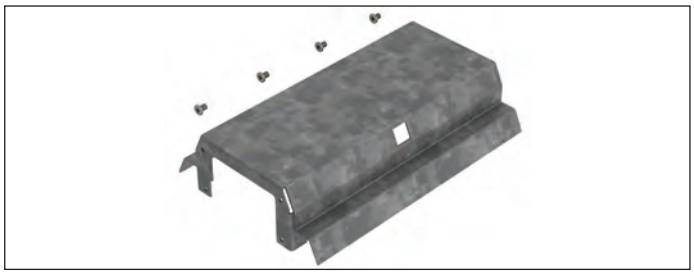
20138 LENS FILA POWER HEAD 5P

END CAP



20139 LENS FILA CAP

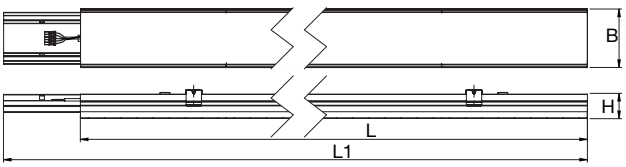
JUNCTION BOX BRACKET



20134 LENS FILA BRACKET BOX

5-PIN BLIND MODULE 600-1200-1500MM

20135 LENS FILA 600 BLIND 5P
20136 LENS FILA 1200 BLIND 5P
20137 LENS FILA 1500 BLIND 5P



Code	• Dimensions (mm) • L	L1	B	H	Weight max kg
20135	569	719	114	56	1.3
20136	1138	1288	114	56	2.5
20137	1422	1572	114	56	3.5

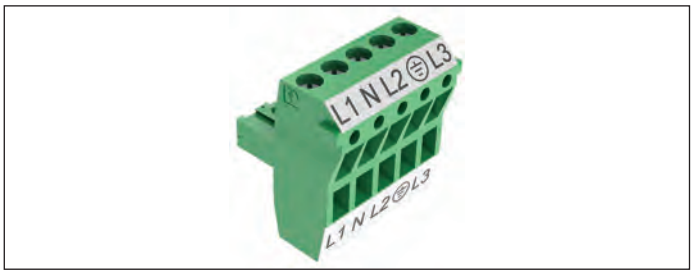
5-PIN FEMALE CONNECTOR

20140 MORS 5P F 90° L1 N L2 T L3

5-PIN MALE CONNECTOR

20141 MORS 5P M 90° L3 T L2 N L1

DOUBLE 5-PIN FEMALE CONNECTOR

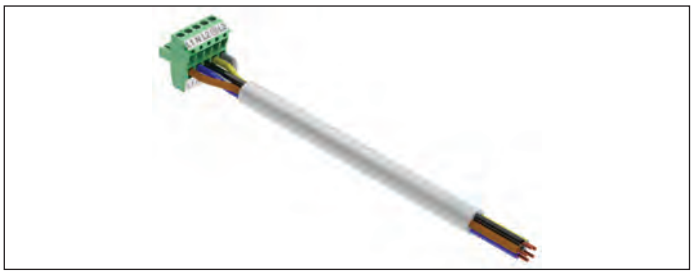


20142 MORS 5P F-DP 90° L1 N L2 T L3

CABLE WITH 5-PIN FEMALE CONNECTOR

20144 LENS FILA CABLE 5P FEMALE

CABLE WITH DOUBLE 5-PIN FEMALE CONNECTOR



20145 LENS FILA CABLE 5P 2X FEMALE

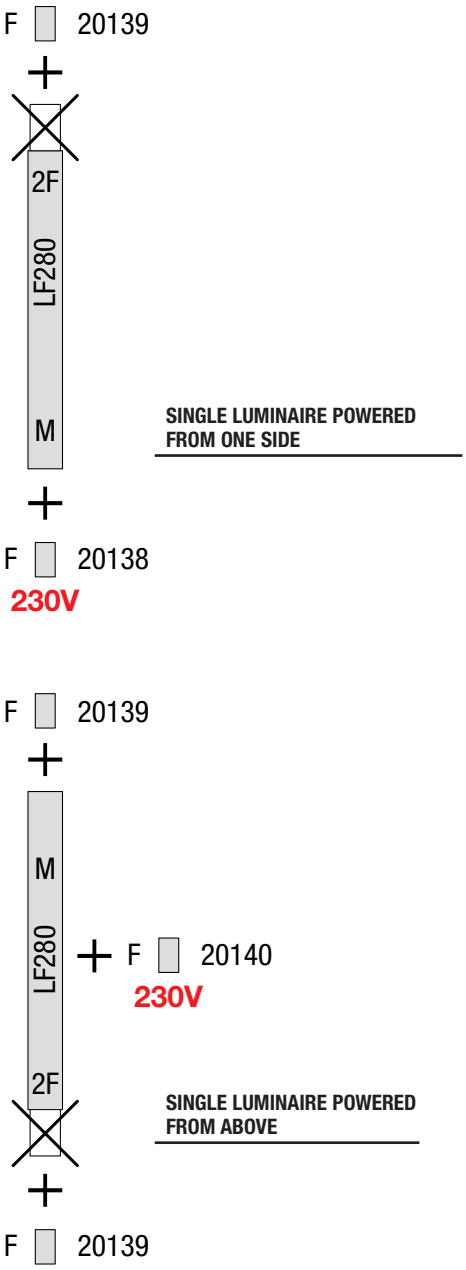
CABLE WITH 5-PIN MALE – FEMALE CONNECTORS

20146 LENS FILA CABLE 5P MALE-FEMALE

CABLE WITH DOUBLE 5-PIN MALE – FEMALE CONNECTORS

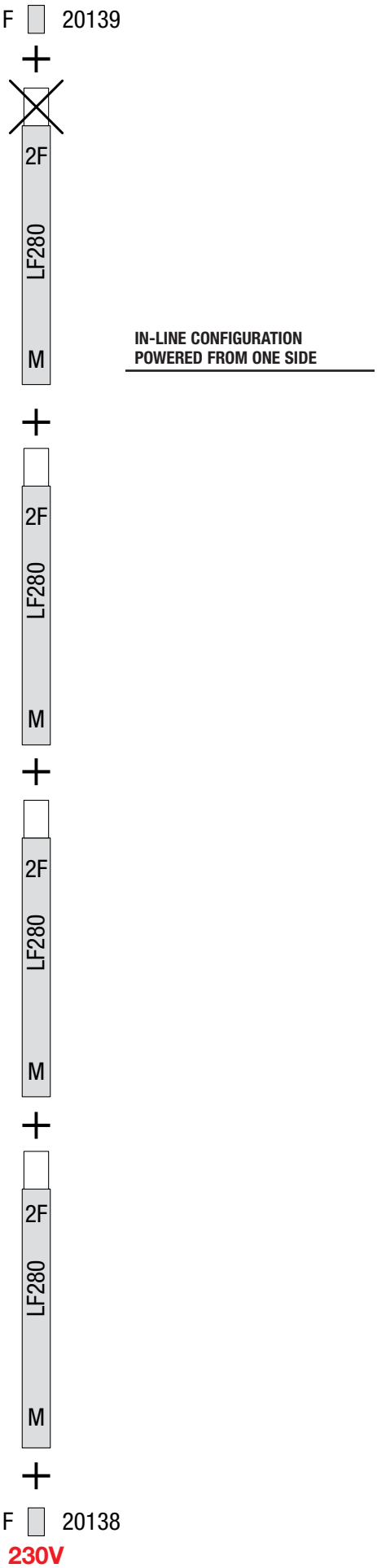
20147 LF CABLE 5P FEMALE-2X FEMALE

Components required for different mounting configurations

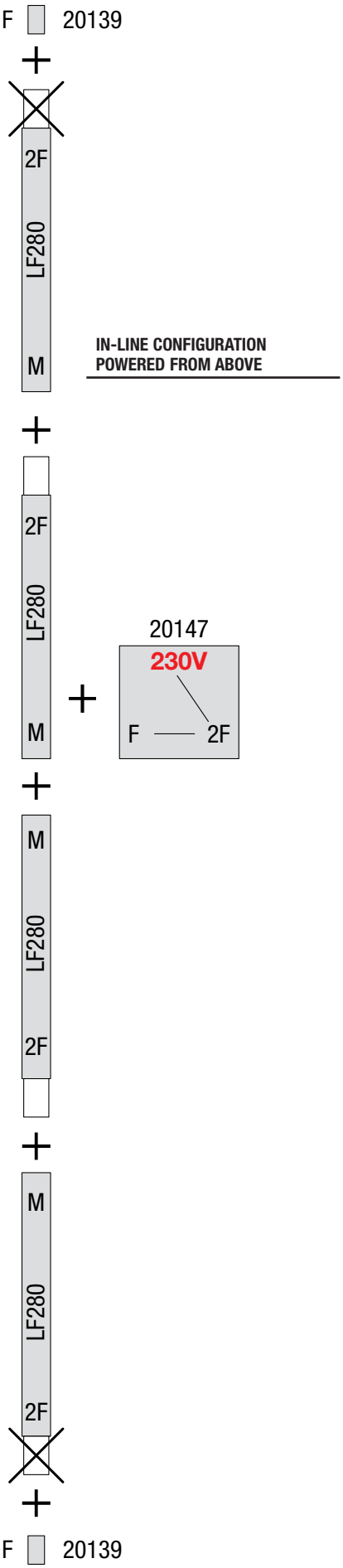


SINGLE LUMINAIRE POWERED FROM ONE SIDE

SINGLE LUMINAIRE POWERED FROM ABOVE

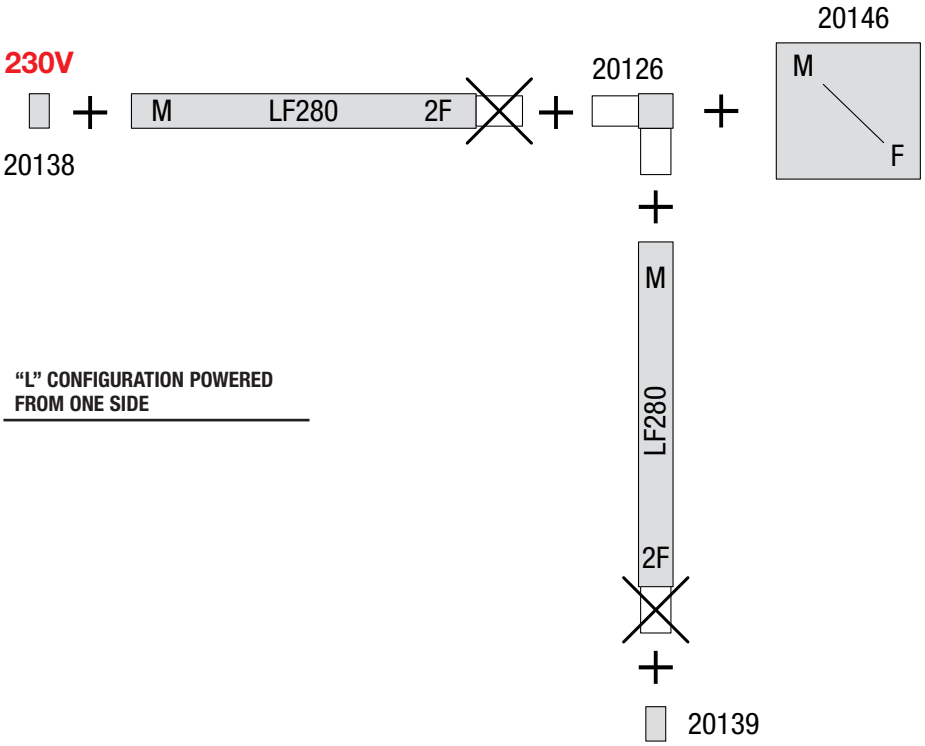


IN-LINE CONFIGURATION POWERED FROM ONE SIDE

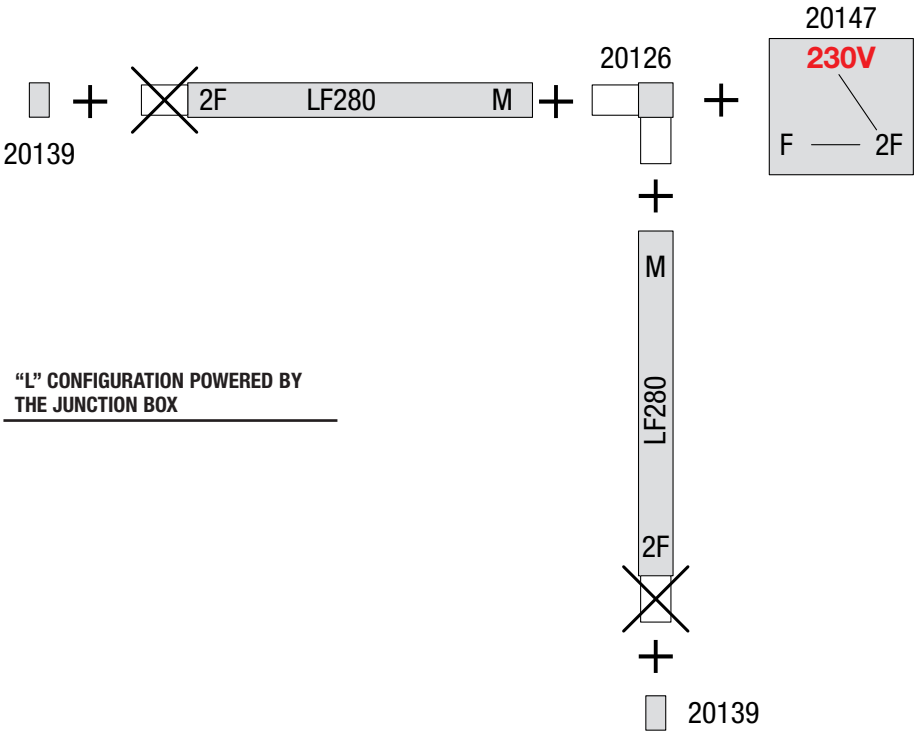


IN-LINE CONFIGURATION POWERED FROM ABOVE

LEGEND	
F	FEMALE CONNECTOR
2F	DOUBLE FEMALE CONNECTOR
M	MALE CONNECTOR
⊠	Cases when it is necessary to remove the bracket included in the luminaire

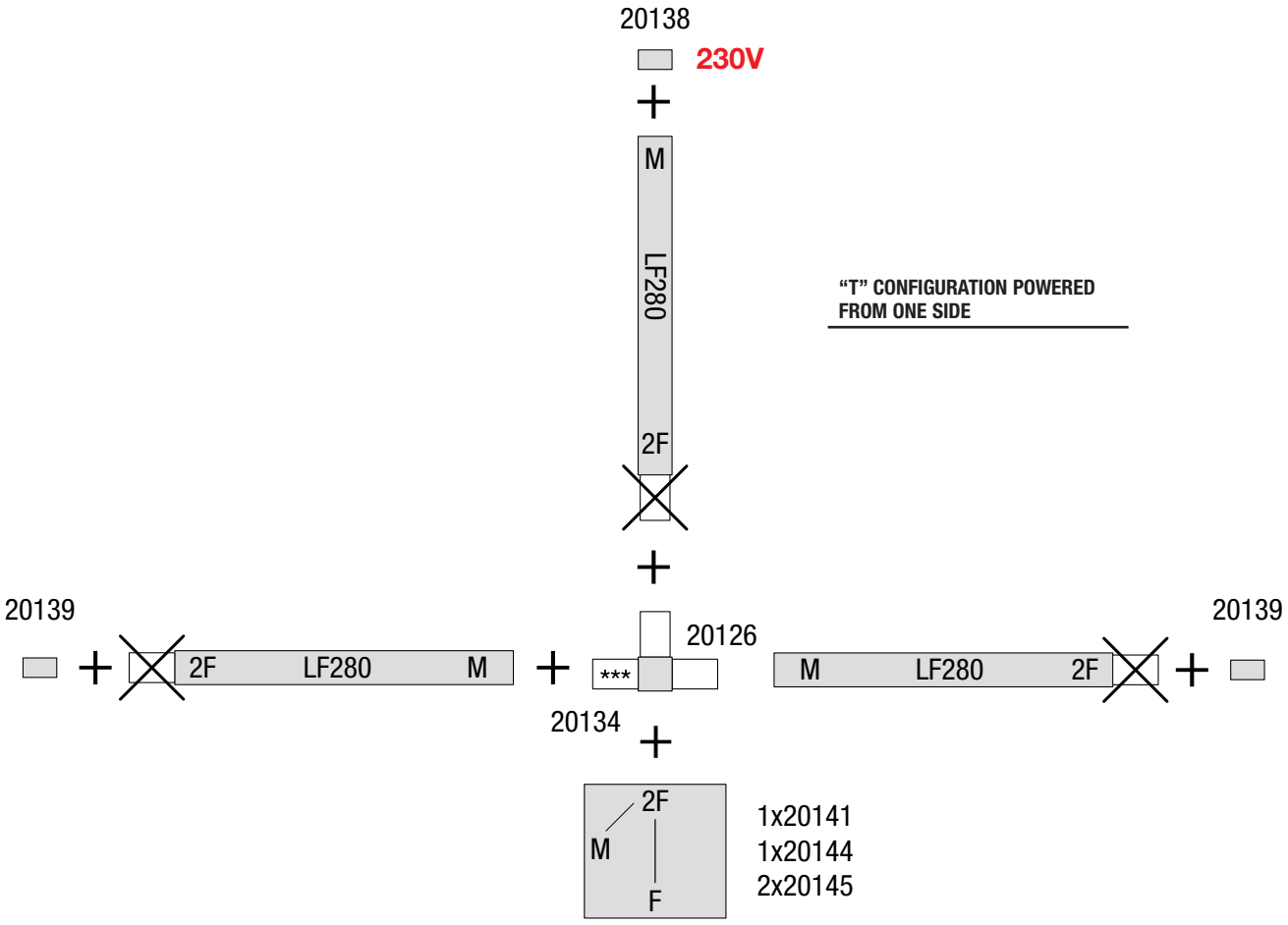


"L" CONFIGURATION POWERED FROM ONE SIDE

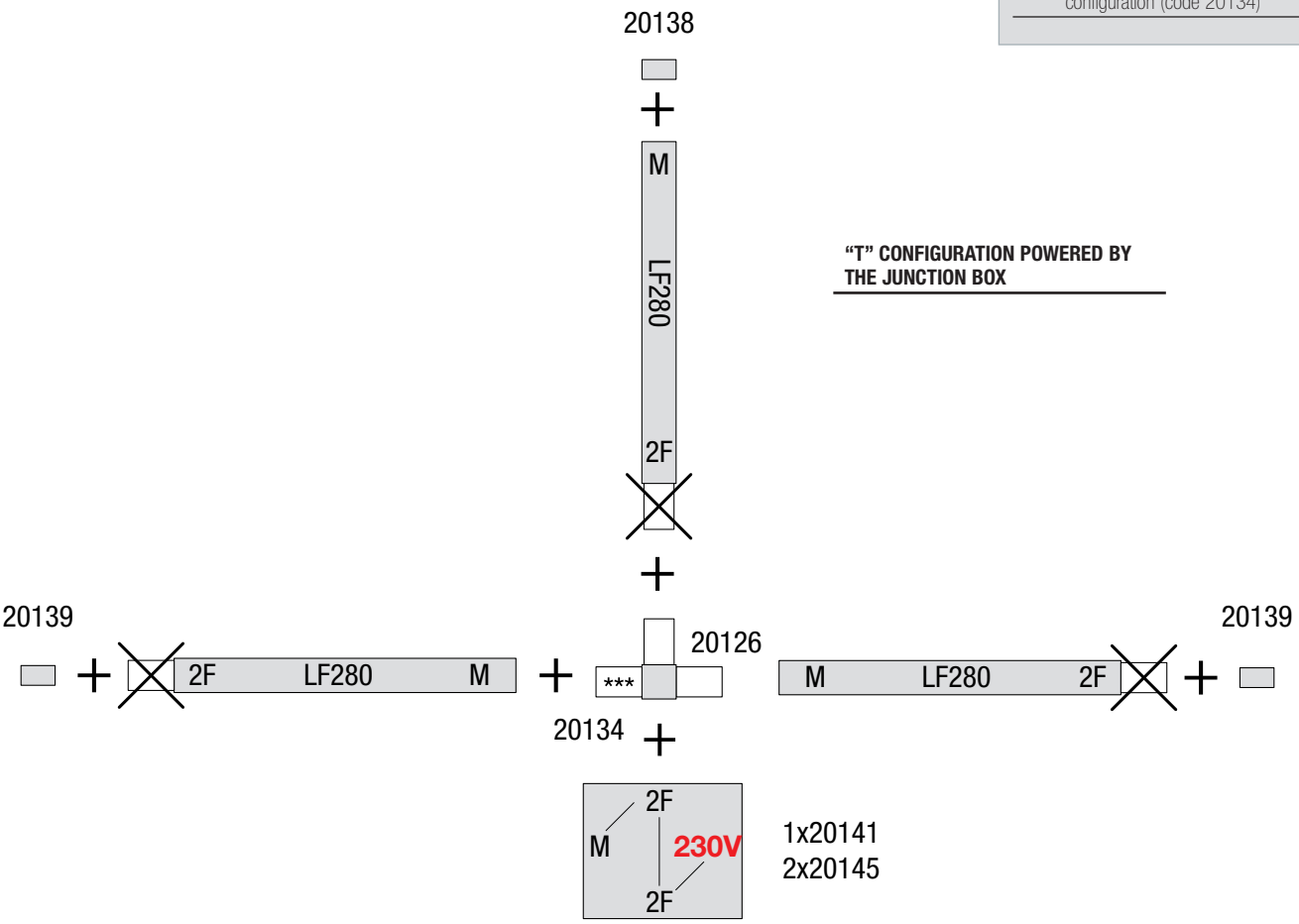


"L" CONFIGURATION POWERED BY THE JUNCTION BOX

Components required for different mounting configurations

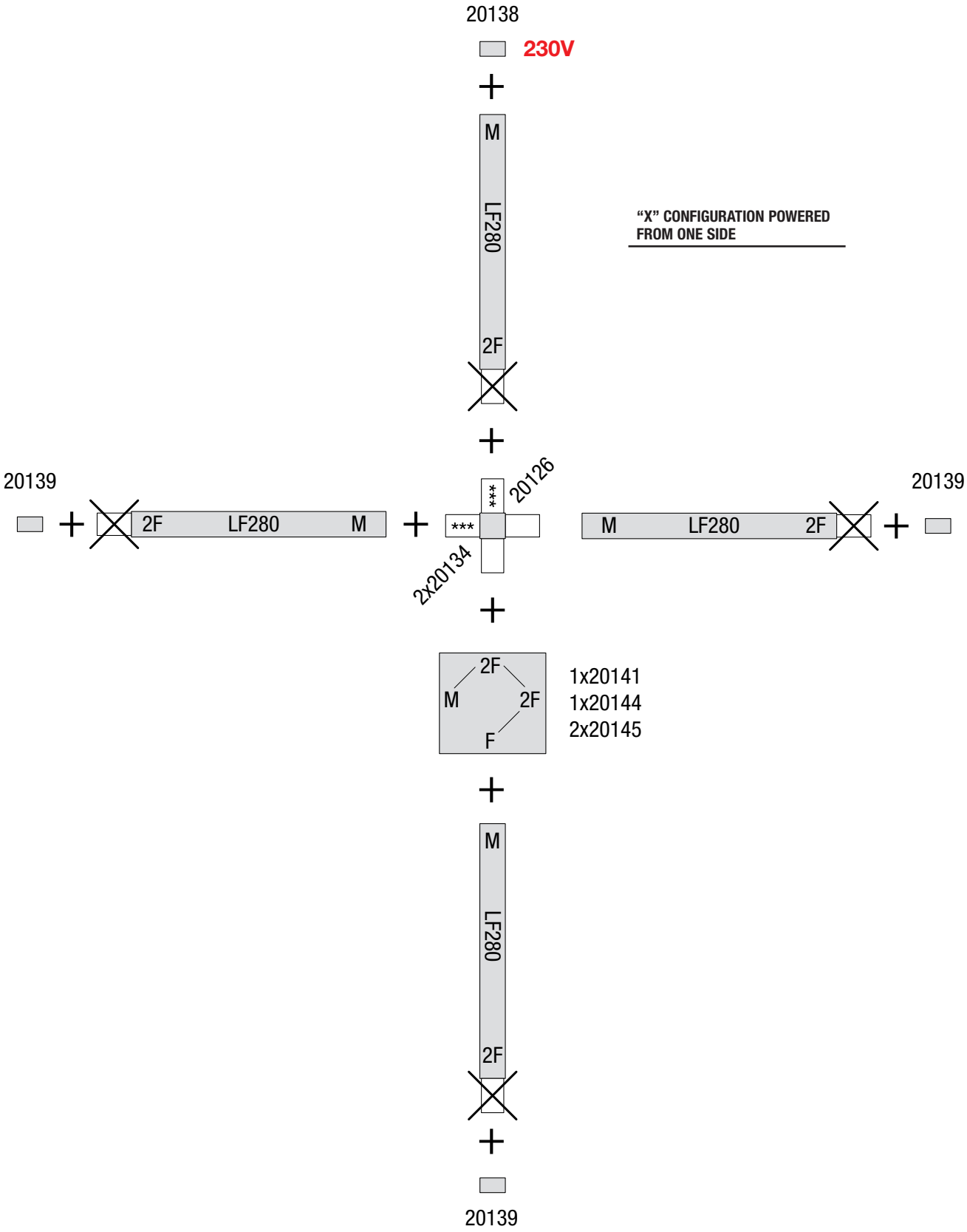


LEGEND	
F	FEMALE CONNECTOR
2F	DOUBLE FEMALE CONNECTOR
M	MALE CONNECTOR
☒	Cases when it is necessary to remove the bracket included in the luminaire
***	Bracket to be added to complete the configuration (code 20134)

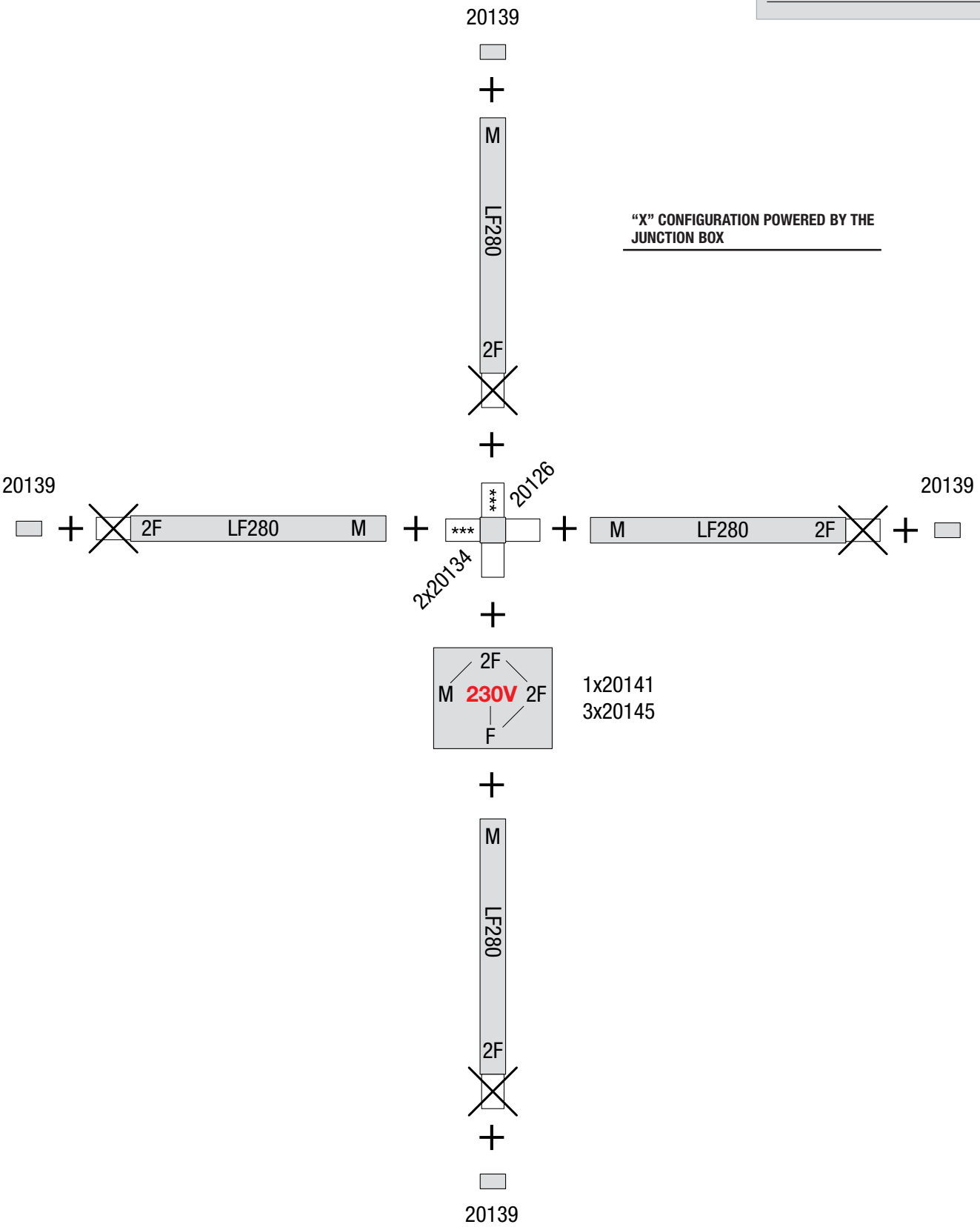


"T" CONFIGURATION POWERED BY THE JUNCTION BOX

Components required for different mounting configurations



LEGEND	
F	FEMALE CONNECTOR
2F	DOUBLE FEMALE CONNECTORMALE CONNECTOR
☒	Cases when it is necessary to remove the bracket included in the luminaire
***	Bracket to be added to complete the configuration (code 20134)



HighBay HP

Ceiling, Suspended

HighBay HP is a high-performance luminaire. The high 140 Lm/W luminous flux ensures very high lighting performance suitable to replace the traditional Highbay luminaires with metal halide sources in industrial and logistic environments and high-ceiling applications.
The body of the HighBay HP is made of die-cast aluminium with dissipating fins built into the top cover that houses the inverter. The diffuser that incorporates the optic (60° - 90° - 120°) is made of PMMA; glass diffusers can be ordered separately for heavy-duty applications.
The product is equipped with an eyebolt for suspended mounting; the adjustable floor or wall mounting bracket can be ordered separately.
In the SD version, thanks to the built-in remote control modules, the luminaire can be controlled remotely for luminous flux and consumption optimisation.

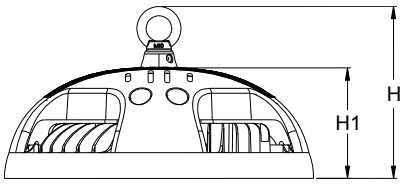
SD ED 140 lm/W

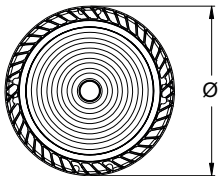
IP65 IK09 UV-OIL 960°C HA CCP CE

General characteristics

Power supply	230Vac ±10% 50/60 Hz
Standard	EN60598-1; EN60598-2-22; EN 62471
Protection grade	IP65 with vent valve, IK09
Working temp.	-25°C ÷ +50°C
Mounting	suspended mounting, ceiling mounting, wall mounting, floor mounting
Body	Polyester powder-coated die-cast aluminium, RAL 7040
Optic	Round PMMA Lens
Driver	ED electronic, dimmable 0-10V (Cos φ≥ 0,≥ 0,95)
Colour temperature	4000K
MTBF Control gear**	100.000h
Luminous flux maintenance*	>50,000h (L80B20)
Colour deviation	3 SDCM

* At the reference Working temp. of 25°C





Code Order	• Dimensions (mm) H	H1	Ø	•Weight kg
40224-40204	167	108	300	3.9
40225-40205	167	108	300	4.5
40226-40206	189	125	360	7
40227-40207	189	125	360	7.5

Accessories — included

Order code	Description
-	EYEBOLT FOR SUSPENDED MOUNTING
-	M20 CABLE GLAND WITH VENT VALVE

Accessories — to be ordered separately

Order code	Description
40900	GLASS DIFFUSER HP 120° 100/150W
40901	GLASS DIFFUSER HP 120° 200/240W
40902	DIFFUSER HP 120° 100/150W
40903	DIFFUSER HP 120° 200/240W
40904	60° COVER HP 100/150W
40905	60° COVER HP 200/240W
40906	90° COVER HP 100/150W
40907	90° COVER HP 200/240W
40908	SWIVEL BRACKET HP 100/150W
40909	SWIVEL BRACKET HP 200/240W

Accessories SD — included

Order code	Description
	BUILT-IN HOME AUTOMATION REMOTE CONTROL

Home automation SD — to be ordered separately

Order code.	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER

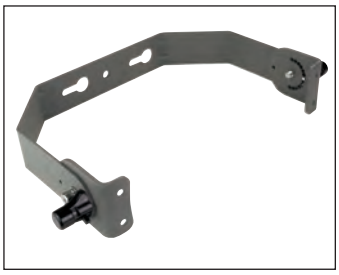
DIFFUSER

40900	GLASS DIFFUSER HP 120° 100/150W	to be ordered separately
40901	GLASS DIFFUSER HP 120° 200/240W	to be ordered separately
40902	DIFFUSER HP 120° 100/150W	to be ordered separately
40903	DIFFUSER HP 120° 200/240W	to be ordered separately

ALUMINIUM COVER

40904	60° COVER HP 100/150W	to be ordered separately
40905	60° COVER HP 200/240W	to be ordered separately
40906	90° COVER HP 100/150W	to be ordered separately
40907	90° COVER HP 200/240W	to be ordered separately

SWIVEL BRACKET

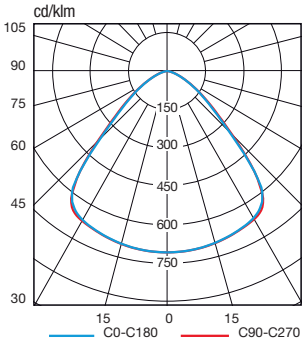


40908	SWIVEL BRACKET HP 100/150W	to be ordered separately
40909	SWIVEL BRACKET HP 200/240W	to be ordered separately

SUSPENDED MOUNTING

SPECIAL VERSIONS: COLOUR TEMPERATURE ON REQUEST
Contact Beghelli's sales network

POLAR DIAGRAM



Efficacy and dimming

The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to HighBay HP considering an average dimming level equal to 50% of the luminous flux:

Dimming SD	**50%**
Luminaire useful life	**+40%**
Luminous efficiency	**+10%**

HighBay HP

Electronic ballast SD

Power W	Order Code	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
100	**40224**	HIGHBAY HP 100W 90° 4K SD	90°	90	4000	>80	100	180	17000	14000	140	A++	1
150	**40225**	HIGHBAY HP 150W 90° 4K SD	90°	135	4000	>80	150	306	25000	21000	140	A++	1
200	**40226**	HIGHBAY HP 200W 90° 4K SD	90°	180	4000	>80	200	306	34000	28000	140	A++	1
240	**40227**	HIGHBAY HP 240W 90° 4K SD	90°	216	4000	>80	240	306	41000	34000	140	A++	1

HighBay HP

Dimmable Eleectronic ballast 0-10V ED

Power W	Order Code	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
100	**40204**	HIGHBAY HP 100W 90° 4K ED 0-10V	90°	90	4000	>80	100	180	17000	14000	140	A++	1
150	**40205**	HIGHBAY HP 150W 90° 4K ED 0-10V	90°	135	4000	>80	150	306	25000	21000	140	A++	1
200	**40206**	HIGHBAY HP 200W 90° 4K ED 0-10V	90°	180	4000	>80	200	306	34000	28000	140	A++	1
240	**40207**	HIGHBAY HP 240W 90° 4K ED 0-10V	90°	216	4000	>80	240	306	41000	34000	140	A++	1

BS100 LED Adjustable

Waterproof Ceiling Light

A professional luminaire with a high luminous flux and an anti-glare screen. Possibility to connect it to an inverter (to be ordered separately) fitted with battery status LEDs.
4-step adjustable power supply system for maximum flexibility of use; the electronic Driver is equipped with a switch that can be used to adjust the power supply current of the LEDs, for increased installation versatility. The self-extinguishing polycarbonate body is UV stabilised and the screen features an anti-glare acid-etched surface finish designed to spread light optimally.
A luminaire suitable for use in industrial environments and outdoors, also thanks to its anti-ageing polyurethane foam sealing gasket and retractable closing hooks made of glass fibre-reinforced technopolymer.

General characteristics

Power supply 230Vac ± 10% 50/60Hz

Standard EN 60598-1, EN 60598-2-1, EN 60598-2-22 (basic requirements), UNI9554:1989, DIN 18032-3:1997-04, EN 62471 (photobiological hazard free)

Protection grade IP65

Working temp. -20°C ÷ +40°C

Mounting ceiling mounting, suspended mounting, electrified track mounting

Driver ED Electronic (cos φ ≥ 0,98) variable output current (4 step)

Body Polycarbonate, RAL 7035

Optic reflective white powder-coated steel

Screen High-transmittance satin-finish polycarbonate

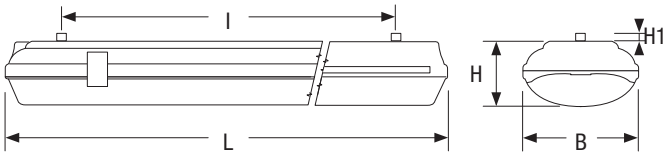
MTBF Control gear** 65.000 h

Luminous flux maintenance* >60.000 (L80B20)

Colour deviation 3 SDCM

* At the reference Working temp. of 25°C

IP65 IK05 UV-OIL 850°C HA CCP CE



Size	• Dimensions (mm) • L	B	H	H1	I	Weight max kg
S	671	170	95	10	475	1,4
M	1280	170	95	10	660	2,3
L	1581	170	95	10	900	2,7

Accessories included

Order Code	Description
-	CABLE GLAND M20

SPECIAL VERSIONS: VERSIONS WITH 3000K and 6000K COLOUR TEMPERATURE - MICROWAVE MOTION SENSOR
Contact Beghelli's sales network

Accessories to be ordered separately

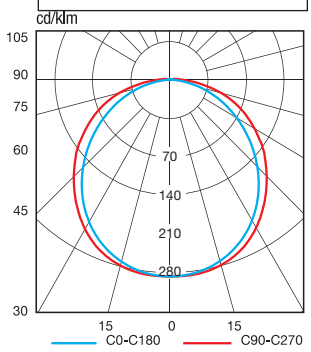
Order Code	Description
3905	ILLUM. GRILLE 685X182X110
8066	BS100/110 PROTECTIVE GRILLE 36W
8067	ILLUM. GRILLE 1705X285X130

INVERTER

EMERGENCY WITH LED INVERTER TR AT LG LGFM

19358	PLUG&LIGHT LED INVERTER SE/SA 1H 20-60V	to be ordered separately
19359	PLUG&LIGHT LED INVERTER SE/SA 3H 20-60V	to be ordered separately
19355	FULL LED INVERTER LG 6W 55V 123H	to be ordered separately
19372	FULL LED INVERTER LG 8W 55V 123H	to be ordered separately
19390	EXTREME INVERTER AT/LG/AR 15W 55V LTO	to be ordered separately
19391	EXTREME INVERTER AT/LG/AR 15W 55V LiFe	to be ordered separately

POLAR DIAGRAM



Power saving optimisation by changing the Luminous flux using the 4-position Switch

The luminaire is set by default to maximum flux (STEP 4)

The lighting system must consider both the required level of lighting obtained from the lighting calculation and the power saving needs. BS100 LED Adjustable allows you to achieve this result thanks to its driver equipped with a 4-step current modulation switch that provides maximum luminous efficiency and, therefore, maximum power saving, while respecting the luminous flux determined in the design phase. **For the flux values corresponding to the STEP 1/2/3/4 positions of the switch, please refer to the code tables.**

BS100 LED ADJUSTABLE **S** 670

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Efficiency Luminous lm/W	Class Energy	Sing/multi pack	Luminaire flux lm
40003	BS100 LED REGOLABILE S670 4K	36	4000	>80	41	96	6650	134	A++	1	5500

STEP 1	STEP 2	STEP 3	STEP 4
3500lm 25W	4500lm 32W	5000lm 36W	5500lm 41W

BS100 LED ADJUSTABLE **M** 1280

Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Efficiency Luminous lm/W	Class Energy	Sing/multi pack	Luminaire flux lm
40004	BS100 LED REGOLABILE M1280 4K	48	4000	>80	53	154	8100	133	A++	1	7000

STEP 1	STEP 2	STEP 3	STEP 4
5500lm 39W	6000lm 44W	6500lm 47W	7000lm 53W

BS100 LED ADJUSTABLE **L** 1580

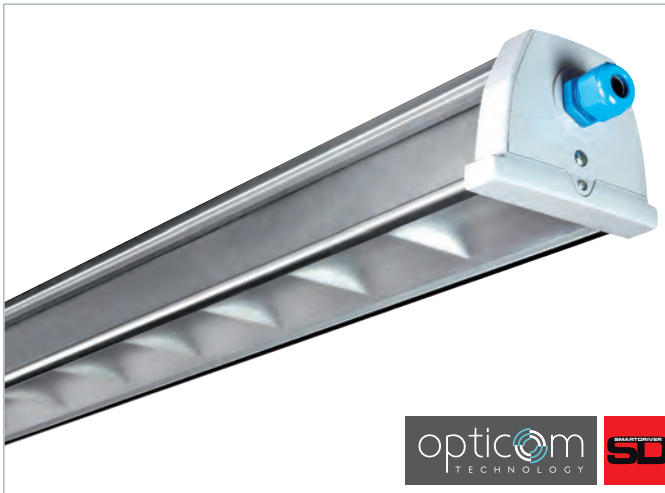
Order Code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Efficiency Luminous lm/W	Class Energy	Sing/multi pack	Luminaire flux lm
40005	BS100 LED REGOLABILE L1580 4K	55	4000	>80	59	192	9150	136	A++	1	8000

STEP 1	STEP 2	STEP 3	STEP 4
6500lm 45W	7000lm 50W	7500lm 53W	8000lm 59W

Acciaio Extreme LED

Waterproof ceiling light

A luminaire with very high mechanical and chemical resistance, suitable for particularly heavy installations even in outdoor environments, with STAINLESS Steel body and die-cast aluminium end caps. Its design features ensure its compliance with the ATEX Directive 2014/34/UE for zones 02 and 22. The luminaire is also suitable for pass-through wiring for continuous row installation.
The optical system consists of anti-glare aluminium cells that optimise light distribution and a microprismatic glass screen that evens out the light beam. Extreme LED Steel has a very high resistance to oxidation and corrosion and is designed to withstand the mechanical vibrations and magnetic disturbances typically encountered in industrial environments.
The luminaire can be equipped with a wide range of emergency lighting inverters.



General characteristics

Power supply Universal Multy Voltage 93÷265 Vac - 50/60Hz 176÷250 Vdc

Standard EN 60598-1, EN 60598-2-1, EN 60598-2-22 (basic requirements), UNI9554:1989, DIN 18032-3:1997-04, EN 62471 (Photobiological risk free), ATEX 2014/34/UE (Zone 02 e 22)

Protection grade IP66

Working temp. -30°C ÷ +50°C**

Mounting ceiling mounting, suspended mounting, electrified track mounting

Body Aisi 304 Stainless Steel

End caps Die-cast aluminium

Optic Anti-glare aluminium, diffusing

Screen microprismatic tempered glass

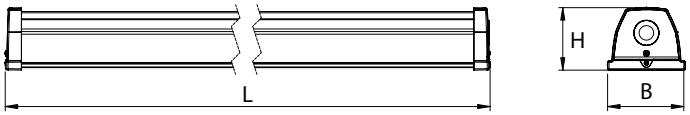
Driver SELV Electronic SD (Cos φ≥ 0,96) with smart dimming

MTBF Control gear** 80.000 h

Luminous flux maintenance* >60.000h (L80B20)

Colour deviation 3 SDCM

* At the reference Working temp. of 25°C
** Power derating may be required to preserve the product



Code	• Dimensions (mm) • L	B	H	Weight max kg
A236EXSD	1199	109	88	3.3
A258EXSD	1199	109	88	3.3
A280EXSD	1484	109	88	4

Accessories included

Order code	Description
-	PASS-THROUGH KIT
-	ATEX CABLE GLAND

Accessories SD included

Order code	Description
15040	STEEL OPTICOM SMART PHOTOSENSOR

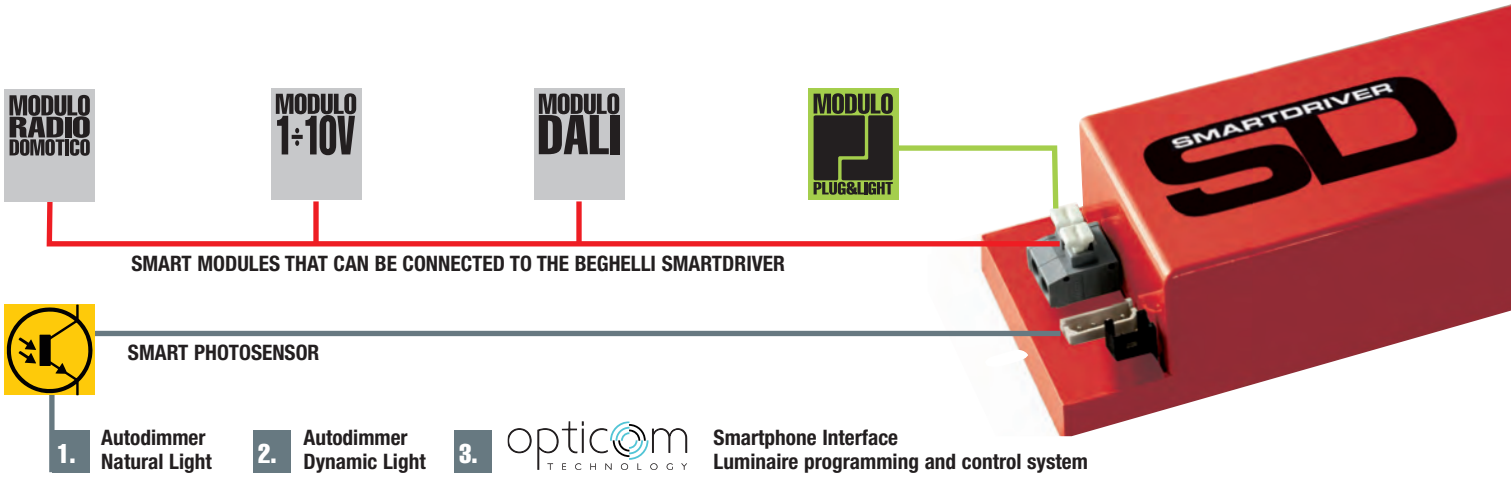
Accessories to be ordered separately

Order code	Description
15019	DOUBLE INLET FITTING M20
20123	EXTREME STEEL SWIVEL BRACKET
20125	EXTREME STEEL POLE BRACKET

SPECIAL VERSIONS: CHROMATIC YIELD ≥90 - COLOUR TEMPERATURE ON REQUEST - VERSION WITH POLYCARBONATE DIFFUSER FOR HACCP ENVIRONMENTS
Contact Beghelli's sales network

Home automation SD to be ordered separately

Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15022	HOME AUTOMATION REMOTE CONTROL MODULE
15024	DALI MODULE
15034	1-10V MODULE

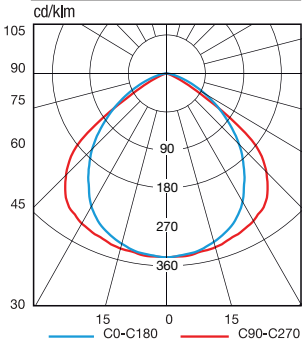


Efficacy and dimming

The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to Extreme Steel considering an average dimming level equal to 50% of the luminous flux:

Dimming SD	**50%**
Luminaire useful life	**+40%**
Luminous efficiency	**+10%**

POLAR DIAGRAM



INVERTER

EMERGENCY WITH LED INVERTER

		TR	AT	LG	LGFM
19358	PLUG&LIGHT LED INVERTER SE/SA 1H 20-60V	to be ordered separately			
19359	PLUG&LIGHT LED INVERTER SE/SA 3H 20-60V	to be ordered separately			
19355	FULL LED INVERTER LG 6W 55V 123H	to be ordered separately			
19372	FULL LED INVERTER LG 8W 55V 123H	to be ordered separately			
19390	EXTREME INVERTER AT/LG AR 15W 55V LTO	to be ordered separately			
19391	EXTREME INVERTER AT/LG AR 15W 55V LiFe	to be ordered separately			

LG technology inverters can be turned into LGFM using a special accessory, code 19375
The inverters cannot be used with code A280EXSD

Acciaio Extreme LED

SmartDriver electronic ballast SD opticom TECHNOLOGY

Order code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Class Energy	Efficiency Luminous lm/W	Pack
A236EXSD	ACCIAIO EX LED 2x36 SD 4000K	32	4000	≥80	35	90	5500	4700	A++	135	1
A258EXSD	ACCIAIO EX LED 2x58 SD 4000K	47	4000	≥80	52	144	8200	7000	A++	135	1
A280EXSD	ACCIAIO EX LED 2x80 SD 4000K	67	4000	≥80	74	180	11600	9900	A++	135	1

BS240 LED

Waterproof ceiling light

BS240 LED features an aluminium body and a 3mm thick polycarbonate diffuser that render it resistant to shocks and suitable for installation in gymnasiums, industrial sheds and shopping centres. Bayonet fixing bracket for quick, stable and safe installation.
The Parking version features an optic with a high level of diffusion, suitable for lighting low-height places such as parking lots or basements; it provides a good light output and an optimal uniformity, reducing significantly the number of luminaires required to ensure an adequate lighting of the premises.
The luminaire can be equipped with a wide range of emergency lighting inverters.

General characteristics

Power supply **SD Luminaire**:
Universal Multy Voltage
93÷265 Vac - 50/60Hz 176÷250 Vdc
ED Luminaire: 230Vac ±10% 50Hz

Standard EN 60598-1, EN 60598-2-1, EN 60598-2-22 (basic requirements), EN62471 (photobiological hazard free)

Protection grade IP66, IK10

Working temp. -20°C ÷ +50°C**

Mounting ceiling mounting, suspended mounting, electrified track mounting

Body Polyester powder-coated die-cast aluminium, RAL 7040

End caps Die-cast aluminium

Optic Anti-glare aluminium, diffusing

Screen Polycarbonate, 3mm thick

Driver **SD Luminaire**:
SELV Electronic SD (Cos φ≥ 0,96) with smart dimming
ED Luminaire:
ED Electronic (Cos φ≥ 0,95)

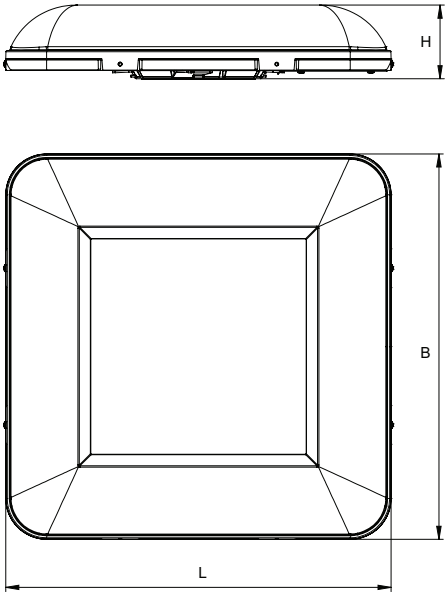
MTBF Control gear** 80.000 h

Luminous flux maintenance* >70.000h (L80B20)

Colour deviation 3 SDCM

* At the reference Working temp. of 25°C
** Power derating may be required to preserve the product

HA CCP · IP66 · IK10 · UV-OIL · 850°C



Code	• Dimensions (mm) • L	B	H	Weight max kg
11288	443	443	85	5,5
11289	443	443	85	5,5
11289 Parking	443	443	85	5

Accessories — included

Order code	Description
-	CEILING MOUNTING BRACKET
-	EYEBOLTS FOR SUSPENDED MOUNTING
12665	CONDUIT FIXING BRACKET

Accessories — to be ordered separately

Order code	Description
12663	SUSPENDED MOUNTING CABLES

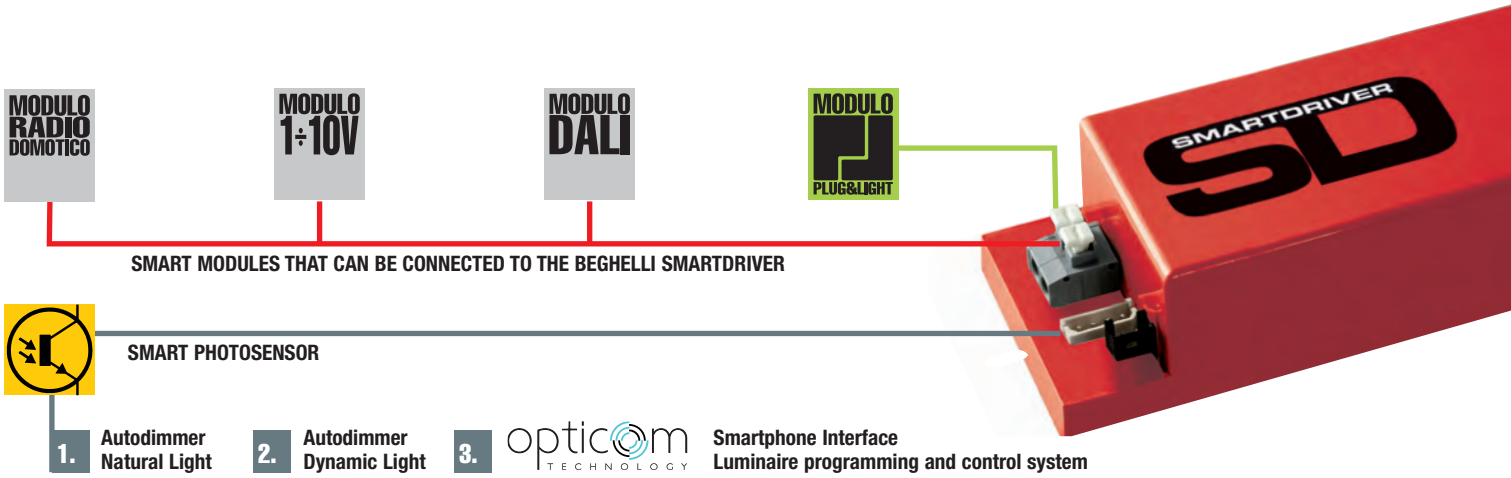
SPECIAL VERSIONS: CHROMATIC YIELD ≥90 - COLOUR TEMPERATURE ON REQUEST - MICROWAVE MOTION SENSOR
Contact Beghelli's sales network

Accessories SD — included

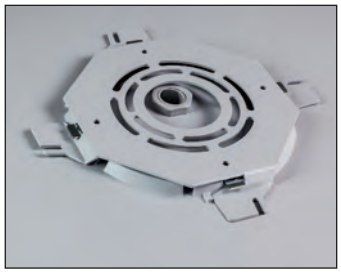
Order code	Description
15039	OPTICOM SMART PHOTOSENSOR

Home automation SD — to be ordered separately

Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER
15022	HOME AUTOMATION REMOTE CONTROL MODULE
15024	DALI MODULE
15034	1-10V MODULE

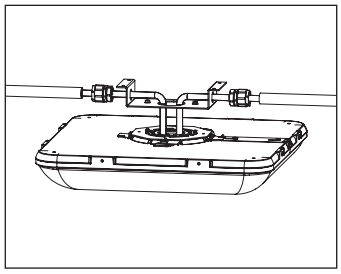


CEILING MOUNTING WITH LIGHTING POINT



CEILING MOUNTING BRACKET included

CEILING MOUNTING WITH CONDUITS

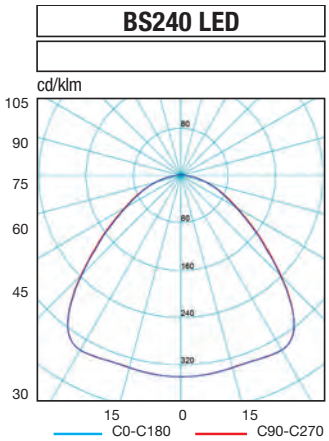


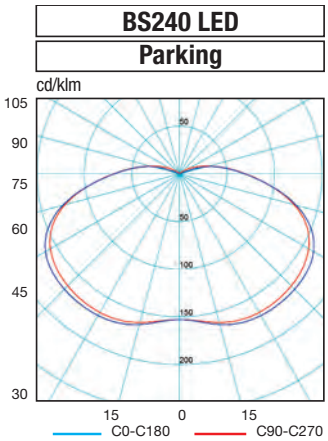
12665 - CONDUIT FIXING BRACKET included

Efficacy and dimming

The increase in luminous efficacy (lm/W) and the useful life of the luminaire can vary considerably depending on the level of dimming to which it is subjected. The data to the right refers to BS240 LED considering an average dimming level equal to 50% of the luminous flux:

Dimming SD	**50%**
Luminaire useful life	**+40%**
Luminous efficiency	**+10%**





INVERTER

EMERGENCY WITH LED INVERTER TR AT LG LGFM

19358	PLUG&LIGHT LED INVERTER SE/SA 1H 20-60V	to be ordered separately
19359	PLUG&LIGHT LED INVERTER SE/SA 3H 20-60V	to be ordered separately
19355	FULL LED INVERTER LG LG 6W 55V 123H	d to be ordered separately
19372	FULL LED INVERTER LG LG 8W 55V 123H	d to be ordered separately
19390	EXTREME INVERTER AT/LG AR 15W 55V LTO	to be ordered separately
19391	EXTREME INVERTER AT/LG AR 15W 55V LiFe	to be ordered separately

LG technology inverters can be turned into LGFM using a special accessory, code 19375

BS240 LED

SmartDriver electronic ballast SD opticom TECHNOLOGY

Order code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Class Energy	Efficiency Luminous lm/W	Pack
11288SD	BS240 LED 455 SD 4000K	90	4000	≥80	100	256	15500	13300	A++	133	1
11289SD	BS240 LED 655 SD 4000K	144	4000	≥80	160	384	23300	21300	A++	133	1
11288PSD	BS240 LED 255 PARK SD 4000K	45	4000	≥80	50	192	7800	6650	A++	133	1

BS240 LED

Eco Driver Electronic ballast ED

Order code	Description	Power LED W	Temperature Colour K	Yield Chromatic	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Class Energy	Efficiency Luminous lm/W	Pack
11288ED	BS240 LED 455 ED 4000K	90	4000	≥80	100	256	15500	13300	A++	133	1
11289ED	BS240 LED 655 ED 4000K	144	4000	≥80	160	384	23300	21300	A++	133	1
11288PED	BS240 LED 255 PARK ED 4000K	45	4000	≥80	50	192	7800	6650	A++	133	1

Power Light

Floodlight

The Power Light floodlight allows you to illuminate large areas such as road sections, sports fields, industrial areas or car parks. Die-cast aluminium body with dissipating fins. Each module is equipped with a box to accommodate the driver and dissipate the operating temperature as best as possible. The product is supplied with standard 120° optic made of PMMA; 10°, 30° and 60° optic are available for ordering to cover any design requirement. The angular position of each module can be adjusted using the side goniometric adjustment devices. A laser pointer is available for ordering to facilitate installation and optimise installation times. In the SD version, thanks to the built-in remote control modules, the luminaire can be controlled remotely for luminous flux and consumption optimisation.

SD ED 130 lm/W

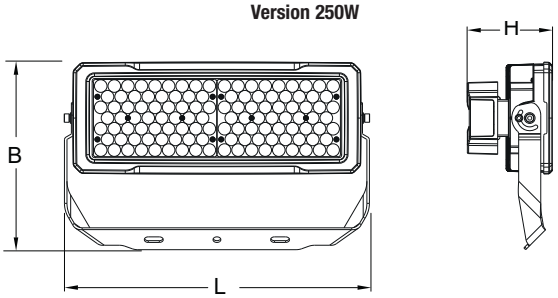
IP66 IK09 UV-OIL 960°C

General characteristics

Power supply	100~305 Vac 50/60 Hz
Standard	EN 60598-1, EN 60598-2-1, EN 60598-2-22 (basic requirements), EN 62471 (Biological hazard free), EN61493
Protection grade	IP66 with vent valve, IK09
Working temp.	-20°C +40°C
Mounting	light tower, wall mounting, pole mounting, floor mounting
Body	Polyester powder-coated die-cast aluminium, black
Lenses	clear PMMA
Driver	ED electronic, dimmable 0-10V (Cos φ≥ 0,≥ 0,95)
Surge protection	10KV
MTBF Control gear**	100.000h
Luminous flux maintenance*	>50.000h (L70B20)
Colour deviation	3 SDCM

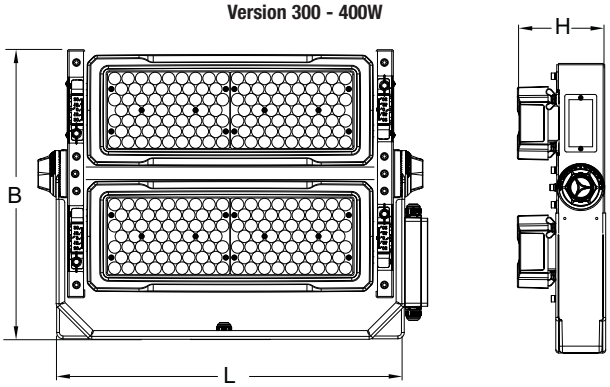
* At the reference Working temp. of 25°C

Version 250W



• Dimensions (mm)			• Weight
L	B	H	kg
483	296	135	7.3

Version 300 - 400W



• Dimensions (mm)			• Weight
L	B	H	kg
510	453	137	20.6

SPECIAL VERSIONS: COLOUR TEMPERATURE ON REQUEST (5000K), POWER (500-600-750-1000-1250W), CHROMATIC YIELD
Contact Beghelli's sales network

Accessories — included

Order code	Description
-	GONIOMETRIC BRACKET
-	M20 CABLE GLAND WITH VENT VALVE

Accessories — to be ordered separately

Order code	Description
40930	CURVED BRACKET 250W
40931	CURVED BRACKET 300-400W
40932	POLE MOUNT
40933	LASER POINTER

Accessories SD — included

Order code	Description
	BUILT-IN HOME AUTOMATION REMOTE CONTROL

Home automation SD — to be ordered separately

Order code	Description
20102	HOME AUTOMATION CONTROL UNIT
20124	WiFi HOME AUTOMATION CONTROL UNIT
20104	HOME AUTOMATION REMOTE CONTROL TRANSMITTER

250W WITH CURVED BRACKET

40930 CURVED BRACKET 250W — to be ordered separately

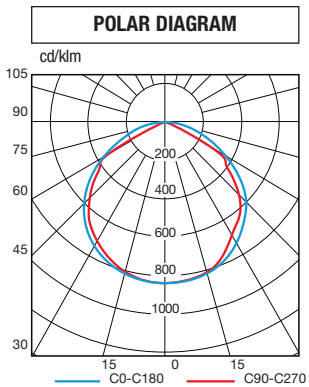
300-400W WITH CURVED BRACKET

40931 CURVED BRACKET 300-400W — to be ordered separately

TESTA PALO

40932 POLE MOUNT — to be ordered separately

POLAR DIAGRAM



Power Light

Electronic ballast SD

Order code	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatica	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40748	POWER L 250W 120° C70 SD 4K	120°	225	4000	>70	250	120	39000	32500	130	A++	1
40749	POWER L 300W 120° C70 SD 4K	120°	270	4000	>70	300	240	47000	39000	130	A++	1
40750	POWER L 400W 120° C70 SD 4K	120°	360	4000	>70	400	240	62500	52000	130	A++	1

Power Light

Dimmable Electronic ballast 0-10V ED

Order code	Description	Optic	Power LED W	Temperature Colour K	Yield Chromatica	Absorption Max W	N° LED	Flux LED lm (Tj=25°C)	Flux Luminaire lm	Efficiency Luminous lm/W	Class Energy	Pack
40716	POWER L 250W 120° C70 ED 4K 0-10V	120°	225	4000	>70	250	120	39000	32500	130	A++	1
40717	POWER L 300W 120° C70 ED 4K 0-10V	120°	270	4000	>70	300	240	47000	39000	130	A++	1
40718	POWER L 400W 120° C70 ED 4K 0-10V	120°	360	4000	>70	400	240	62500	52000	130	A++	1

Optical programming technology via Smartphone and dedicated App, for the direct control of the luminaires

Parking lots, Parking decks, Garages
Luminaires with diffusing optic specially designed to maximise the light output in underground parking lots, garages, and parking decks

SmartDriver System
Devices that can be interfaced with the System or with luminaires equipped with a dimmable power supply for LED sources that have two connectors for two optional devices that modify the characteristics of the luminaire. The first connector is intended for the connection of the Autodimmer Sensor, the second one for any Home Automation Module in the SmartDriver series.
Modules that can be connected as an alternative: Home Automation Module, DALI Module, 1/10V.

Stand-alone quick connect Plug & Light inverter with built-in battery for quick and easy installation in full compliance with the safety requirements without altering the performance of the luminaire

LIGHT SOURCES INCLUDED ON BEGHELLI LUMINAIRES

Beghelli products use light sources that comply with the latest regulations in terms of energy efficiency and environmental impact. The LED modules installed on the luminaires comply with the provisions laid out in the reference regulations (reg 244/09, 245/09 and 1194/2012).

Eco Driver System
Luminaires with ON/OFF or dimmable 0-10V Drivers

Protection grade from external factors (According to CEI EN 60598-1)

The highest Protection grade is achieved in the visible part of the product (after installation)

Protection grade against impact according to the test methodologies (According to EN 50102)

Luminaire suitable for installation in hospitals, in sterile environments

L80B20 product flux maintenance indicator. Specifically, it indicates that, within the number of hours specified in the product data sheet, 80% of the LEDs will not lose more than 20% of their flux.
The number of hours specified in the product data sheet refers to the most critical conditions; therefore, under lower power conditions and at ambient temperatures below 25°C, a substantial increase in the life performance of the product is expected

Luminaires particularly resistant to UV radiation

Luminaires particularly resistant to UV radiation and mineral oil aggression

It indicates the Temperature that the product can withstand during the glow wire test (CEI EN 60598-1)

Luminaires with no potentially contaminating elements, suitable for use in places subject to the HACCP verification system (food processing chain).

SDCM - Standard Deviation Colour Matching is the standard deviation of colour matching between two lamps. If the value is equal to or lower than 3 SDCM, the difference in the colour of the light emitted by the two lamps is difficult to perceive by the human eye.

Luminaires with class II insulation level. Luminaires without this symbol are to be considered Class I