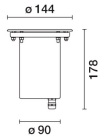


Last information update: October 2024

Product configuration: E115+X197.04

E115: Recessed floor luminaire Earth D=144 mm - Neutral White - Spot Optic

X197.04: Plastic casing for installation on floors + end cap - Black



Product code

E115: Recessed floor luminaire Earth D=144 mm - Neutral White - Spot Optic

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with incorporated electronic control gear. The round frame has a diameter D=144 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 12mm. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit, methacrylate lens and black plastic cover. The product is wired using an A2 stainless steel cable gland, with type-H07RNF 2x1 mm² outgoing power cable (L=1200 mm). The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour
Steel (13)

Weight (Kg)
1.63

Mounting

Floor recessed|ground recessed

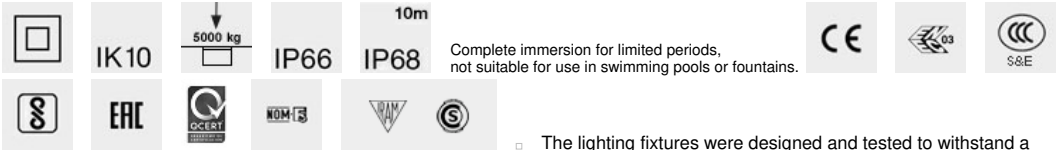
Wiring

Product inclusive of 220-240 VAC electronic control gear

Notes

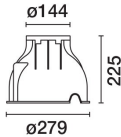
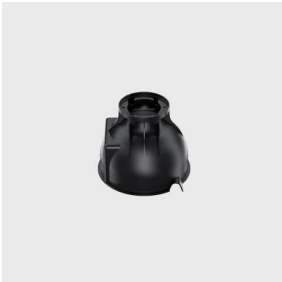
IP68 protection rating for both the product and the power cable using IP68 connectors * The product is not deemed suitable for installation in pools and fountains. Overvoltage protection: 2KV Common mode, 1KV differenzial mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

□ The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.



Accessory code

X197.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

Colour
Black (04)

Weight (Kg)
0.88

Mounting

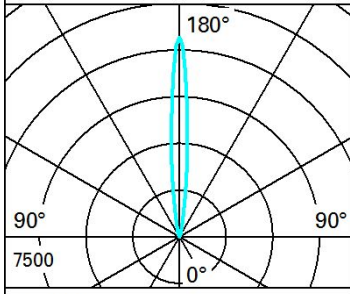
ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	585	MacAdam Step:	2
W system:	9	Life Time LED 1:	84,000h - L80 - B10 (Ta 25°C)
Im source:	780	Lamp code:	LED
W source:	6.6	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	65	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	585	Intervallo temperatura ambiente:	from -25°C to 35°C.
Light Output Ratio (L.O.R.) [%]:	75	Power factor:	See installation instructions
Beam angle [°]:	10°	Inrush current:	5 A / 50 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
Colour temperature [K]:	4000	Overvoltage protection:	4kV Common mode & 2kV Differential mode

Polar

Imax=10668 cd		Lux			
		h	d	Em	Emax
		8	1.4	121	167
		16	2.8	30	42
		24	4.2	13	19
		32	5.6	8	10
α = 10°					

UGR diagram

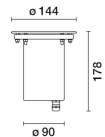
Corrected UGR values (at 780 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
2H	2H	4.7	6.7	5.1	7.0	7.3	4.7	6.7	5.1	7.0	7.3
	3H	4.6	5.9	5.0	6.2	6.5	4.6	5.9	5.0	6.2	6.5
	4H	4.6	5.6	5.0	5.9	6.2	4.6	5.6	5.0	5.9	6.2
	6H	4.6	5.3	4.9	5.6	5.9	4.6	5.3	4.9	5.6	5.9
	8H	4.5	5.3	4.9	5.6	6.0	4.5	5.3	4.9	5.6	6.0
	12H	4.4	5.3	4.8	5.7	6.1	4.4	5.3	4.8	5.7	6.0
4H	2H	4.6	5.6	5.0	5.9	6.2	4.6	5.6	5.0	5.9	6.2
	3H	4.4	5.3	4.8	5.7	6.1	4.4	5.3	4.8	5.7	6.1
	4H	4.2	5.4	4.6	5.8	6.2	4.2	5.4	4.6	5.8	6.2
	6H	3.9	5.6	4.4	6.1	6.6	3.9	5.6	4.4	6.1	6.6
	8H	3.8	5.7	4.3	6.1	6.6	3.8	5.6	4.3	6.1	6.6
	12H	3.7	5.6	4.2	6.1	6.6	3.7	5.6	4.2	6.0	6.6
8H	4H	3.8	5.6	4.3	6.1	6.6	3.8	5.7	4.3	6.1	6.6
	6H	3.8	5.3	4.3	5.8	6.3	3.8	5.4	4.3	5.8	6.4
	8H	3.8	5.1	4.3	5.5	6.1	3.8	5.1	4.3	5.5	6.1
	12H	4.0	4.7	4.5	5.2	5.7	4.0	4.7	4.5	5.2	5.7
12H	4H	3.7	5.6	4.2	6.0	6.6	3.7	5.6	4.2	6.1	6.6
	6H	3.8	5.0	4.3	5.5	6.1	3.8	5.1	4.3	5.6	6.1
	8H	4.0	4.7	4.5	5.2	5.7	4.0	4.7	4.5	5.2	5.7
Variations with the observer position at spacing:											
S =		1.0H	5.3	/ -9.4			5.3	/ -9.4			
		1.5H	8.1	/ -11.4			8.1	/ -11.4			
		2.0H	10.1	/ -11.9			10.1	/ -11.9			

Last information update: June 2024

Product configuration: UI47+X197.04

UI47: Floor recessed Earth D=144mm - Neutral white - Flood Optic - DALI

X197.04: Plastic casing for installation on floors + end cap - Black

**Product code**

UI47: Floor recessed Earth D=144mm - Neutral white - Flood Optic - DALI

Technical description

Recessed luminaire that can be installed in floors or in the ground. It is designed to use white monochrome LED lamps, for lighting, fixed optic with built-in dimming DALI electronic control gear. The D = 144 mm round frame has an AISI 304 stainless steel body and frame and an extra-clear, sodium - calcium tempered glass cover, with a thickness of 12 mm. The stainless steel body is painted black. The luminaire is fixed to the outer casing with two Torx screws that hold it in place. It includes the LED circuit, aluminium OPTI BEAM reflector and black plastic casing cover. The electronic ballast is integrated in the product. The product's wiring system features an A2 stainless steel cable gland with a 1200mm long A075RNF type 4x1 mm² output power cable. The cable is equipped with an anti-transpiration device (IP68) that consists of a silicone-coated joint located on the power cable. An outer casing is available for installation and it can be ordered separately from the plastic optic assembly. The glass unit, optic assembly, frame and outer casing together guarantee a maximum static load resistance of 5000 kg. The maximum surface temperature of the glass is less than 40°C.

Installation

The product is secured to the outer casing with two Torx screws. The luminaire can be installed recessed with outer case in the floor or in the ground.

Colour
Steel (13)**Weight (Kg)**
1.91**Mounting**

Floor recessed|ground recessed

Wiring

Product includes dimming DALI control gear 220÷240Vac.

Notes

IP68 degree of protection on the product and cable when using IP68 connectors * The product is not suitable for installation in swimming pools and fountains. Overvoltage protection: 4KV Common mode, 3,5KV differenzial mode

Complies with EN60598-1 and pertinent regulations



IK10

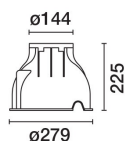
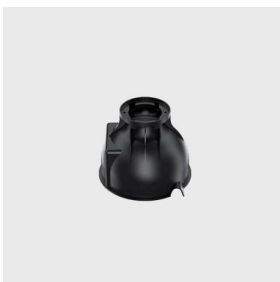


IP66

IP68

Complete immersion for limited periods,
not suitable for use in swimming pools or fountains.

The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.

**Accessory code**

X197.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

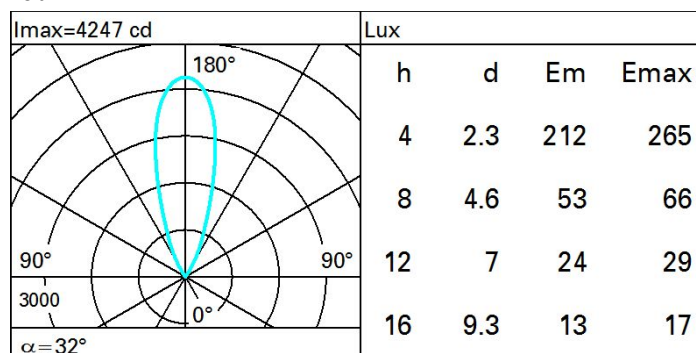
Colour
Black (04)**Weight (Kg)**
0.88**Mounting**

ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	1428	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	11.7	Lamp code:	LED
Im source:	1700	Number of lamps for optical assembly:	1
W source:	9.8	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	122.1	Number of optical assemblies:	1
Im in emergency mode:	-	Intervalllo temperatura ambiente:	from -25°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	1428	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	84	Inrush current:	5 A / 50 µs
Beam angle [°]:	32°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	4000	Overvoltage protection:	4kV Common mode & 2kV Differential mode
MacAdam Step:	2	Control:	DALI-2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

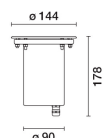
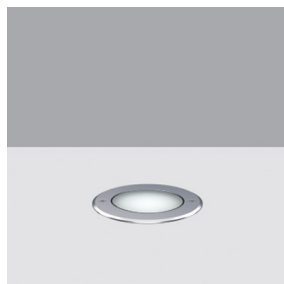
Polar

Last information update: October 2024

Product configuration: E122+X197.04

E122: Recessed floor luminaire Earth D=144 mm - Neutral White - Diffuse optic

X197.04: Plastic casing for installation on floors + end cap - Black

**Product code**

E122: Recessed floor luminaire Earth D=144 mm - Neutral White - Diffuse optic

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with incorporated electronic control gear. The round frame has a diameter D=144 mm; the body and frame are made of AISI 304 stainless steel with anti-slip glass (conforming to Class R13 pursuant to DIN 51130), 12mm thickness and internal methacrylate opal diffuser. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit. The product is wired using an A2 stainless steel cable gland, with type-H07RNF 2x1 mm² outgoing power cable (L=1200 mm). The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour
Steel (13)**Weight (Kg)**
1.63**Mounting**

Floor recessed|ground recessed

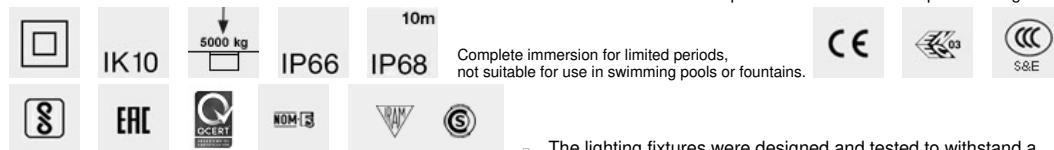
Wiring

Product inclusive of 220-240 VAC electronic control gear

Notes

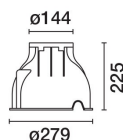
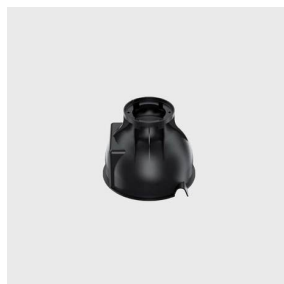
IP68 protection rating for both the product and the power cable using IP68 connectors * The product is not deemed suitable for installation in pools and fountains. Overvoltage protection: 2KV Common mode, 1KV differenzial mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

□ The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.

**Accessory code**

X197.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

Colour
Black (04)**Weight (Kg)**
0.88**Mounting**

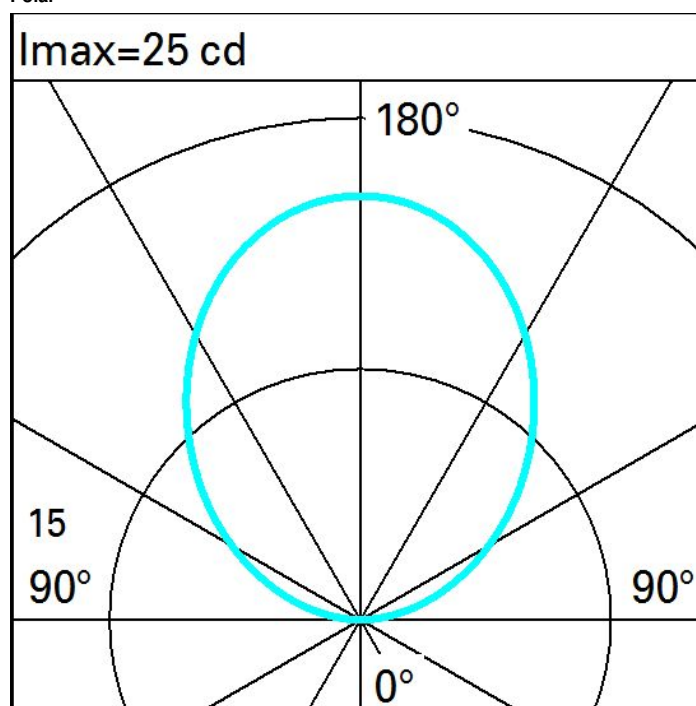
ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	63	Life Time LED 1:	99,000h - L80 - B10 (Ta 25°C)
W system:	9	Life Time LED 2:	65,000h - L80 - B10 (Ta 40°C)
Im source:	790	Lamp code:	LED
W source:	6.7	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	7	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	63	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	8	Power factor:	See installation instructions
CRI (minimum):	80	Inrush current:	5 A / 50 µs
Colour temperature [K]:	4000	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
MacAdam Step:	2	Overvoltage protection:	4kV Common mode & 2kV Differential mode

Polar

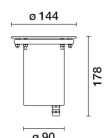
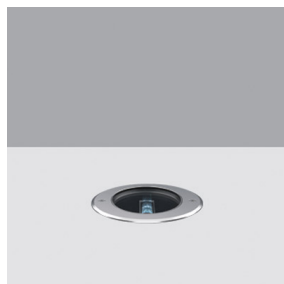


Last information update: October 2024

Product configuration: E124+X197.04

E124: Recessed floor luminaire Earth D=144 mm - Neutral White - Blade Optic

X197.04: Plastic casing for installation on floors + end cap - Black

**Product code**

E124: Recessed floor luminaire Earth D=144 mm - Neutral White - Blade Optic

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with incorporated electronic control gear. The round frame has a diameter D=144 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 12mm. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit. The product is wired using an A2 stainless steel cable gland, with type-H07RNF 2x1 mm² outgoing power cable (L=1200 mm). The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour
Steel (13)**Weight (Kg)**
1.63**Mounting**

Floor recessed|ground recessed

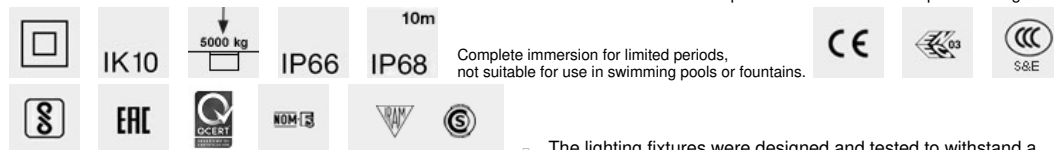
Wiring

Product inclusive of 220-240 VAC electronic control gear

Notes

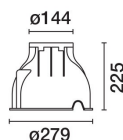
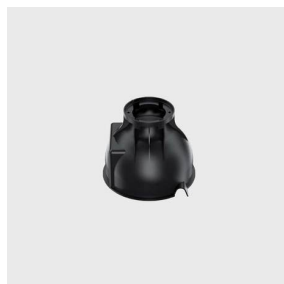
IP68 protection rating for both the product and the power cable using IP68 connectors * The product is not deemed suitable for installation in pools and fountains. Overvoltage protection: 2KV Common mode, 1KV differenzial mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.

**Accessory code**

X197.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

Colour
Black (04)**Weight (Kg)**
0.88**Mounting**

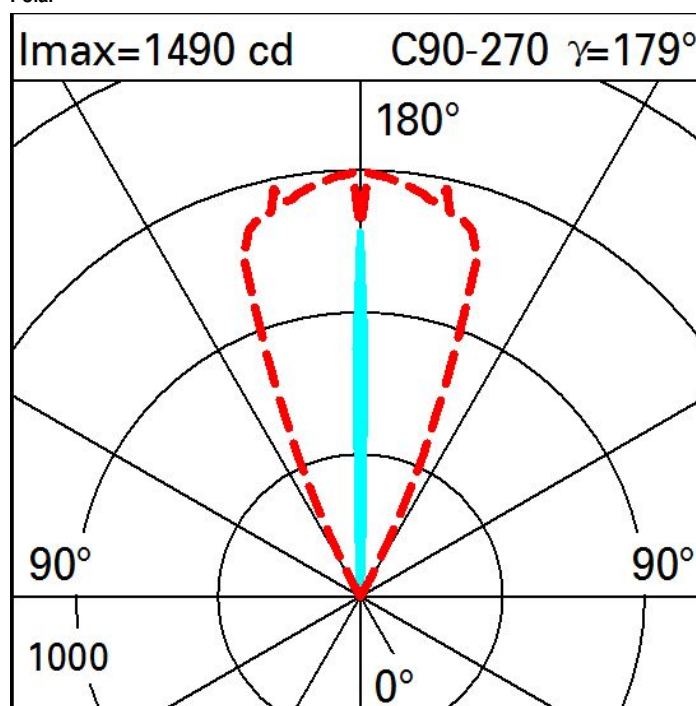
ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	53	Life Time LED 1:	75,000h - L80 - B10 (Ta 25°C)
W system:	7	Life Time LED 2:	75,000h - L80 - B10 (Ta 40°C)
Im source:	660	Lamp code:	LED
W source:	5.1	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	7.5	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	53	Intervallo temperatura ambiente:	from -30°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	8	Power factor:	See installation instructions
CRI (minimum):	80	Inrush current:	5 A / 50 µs
Colour temperature [K]:	4000	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
MacAdam Step:	2	Overvoltage protection:	4kV Common mode & 2kV Differential mode

Polar



Light Up

Design iGuzzini

iGuzzini

Last information update: October 2024

Product configuration: E125+X197.04

E125: Recessed floor luminaire Earth D=144 mm - Warm White - Adjustable Spot optic - DALI

X197.04: Plastic casing for installation on floors + end cap - Black



Product code

E125: Recessed floor luminaire Earth D=144 mm - Warm White - Adjustable Spot optic - DALI

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, adjustable optic, with incorporated electronic control gear. The round frame has a diameter D=144 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 12mm. Stainless steel body coated with black paint. The luminaire is secured to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit, methacrylate lens and black plastic cover. The luminaire is supplied with an external orientation system (patent pending), without having to open the product, inclusive of double graduated scale: 0-30° with respect to horizontal plane and ±90° with respect to vertical axis. Black plastic (PPS) external box containing the power supply unit. The product is wired using an A2 stainless steel cable gland, with type-H07RNF 4x1 mm² outgoing power cable (L=1200 mm). The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the power supply box. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour

Steel (13)

Weight (Kg)

1.91

Mounting

Floor recessed|ground recessed

Wiring

The product inclusive of 220-240 VAC DALI dimmable electronic control gear positioned in a separate box from the optical assembly and with outgoing cable.

Notes

IP68 protection rating for both the product and the power cable using IP68 connectors * The product is not deemed suitable for installation in pools and fountains.

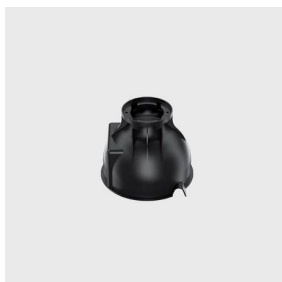
Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.



The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.



Accessory code

X197.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

Colour

Black (04)

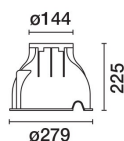
Weight (Kg)

0.88

Mounting

ground surface|Floor recessed|ground recessed

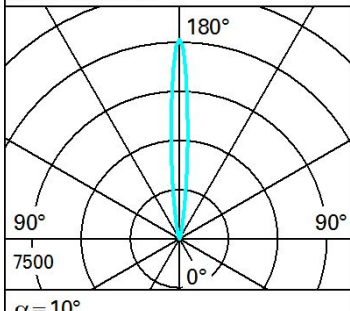
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	560	Life Time LED 2:	99,000h - L80 - B10 (Ta 40°C)
W system:	8.8	Lamp code:	LED
Im source:	700	Number of lamps for optical assembly:	1
W source:	6.1	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	63.6	Number of optical assemblies:	1
Im in emergency mode:	-	Intervalllo temperatura ambiente:	from -25°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	560	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	80	Inrush current:	5 A / 50 µs
Beam angle [°]:	10°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	3000	Overvoltage protection:	4kV Common mode & 3kV Differential mode
MacAdam Step:	2	Control:	DALI-2
Life Time LED 1:	98,000h - L80 - B10 (Ta 25°C)		

Polar

Imax=10144 cd		Lux			
		h	d	Em	E _{max}
	180°	8	1.4	118	158
	90°	16	2.8	29	40
	7500	24	4.2	13	18
	0°	32	5.6	7	10
α = 10°					

UGR diagram

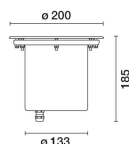
Corrected UGR values (at 700 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	ceiling	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls	walls	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.	work pl.	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim	Room dim	viewed crosswise					viewed endwise				
x	y										
2H	2H	5.4	7.4	5.8	7.7	8.0	5.4	7.4	5.8	7.7	8.0
	3H	5.4	6.6	5.7	6.9	7.2	5.4	6.6	5.7	6.9	7.2
	4H	5.4	6.3	5.7	6.6	6.9	5.4	6.3	5.7	6.6	6.9
	6H	5.3	6.0	5.7	6.3	6.7	5.3	6.0	5.7	6.3	6.7
	8H	5.3	6.1	5.6	6.4	6.7	5.2	6.0	5.6	6.4	6.7
	12H	5.2	6.1	5.6	6.4	6.8	5.2	6.1	5.6	6.4	6.8
4H	2H	5.4	6.3	5.7	6.6	6.9	5.4	6.3	5.7	6.6	6.9
	3H	5.2	6.1	5.6	6.5	6.9	5.2	6.1	5.6	6.5	6.9
	4H	5.0	6.3	5.5	6.7	7.1	5.0	6.3	5.5	6.7	7.1
	6H	4.8	6.5	5.2	6.9	7.4	4.7	6.5	5.2	6.9	7.4
	8H	4.6	6.5	5.1	7.0	7.4	4.6	6.5	5.1	6.9	7.4
	12H	4.6	6.4	5.1	6.9	7.4	4.6	6.4	5.1	6.9	7.4
8H	4H	4.6	6.5	5.1	6.9	7.4	4.6	6.5	5.1	7.0	7.4
	6H	4.6	6.2	5.1	6.7	7.2	4.6	6.2	5.1	6.7	7.2
	8H	4.7	5.9	5.2	6.4	6.9	4.7	5.9	5.2	6.4	6.9
	12H	4.8	5.5	5.3	6.0	6.5	4.8	5.5	5.3	6.0	6.5
12H	4H	4.6	6.4	5.1	6.9	7.4	4.6	6.4	5.1	6.9	7.4
	6H	4.7	5.9	5.2	6.4	6.9	4.7	5.9	5.2	6.4	6.9
	8H	4.8	5.5	5.3	6.0	6.5	4.8	5.5	5.3	6.0	6.5
Variations with the observer position at spacing:											
S =		1.0H	4.1	-5.6			4.1	-5.6			
		1.5H	6.7	-7.8			6.7	-7.8			
		2.0H	8.7	-9.4			8.7	-9.4			

Last information update: October 2024

Product configuration: E134+X203.04

E134: Recessed floor luminaire Earth D=200 mm - Neutral White - Medium optic - DALI

X203.04: Plastic casing for installation on floors + end cap - Black

**Product code**

E134: Recessed floor luminaire Earth D=200 mm - Neutral White - Medium optic - DALI

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with DALI dimmable incorporated electronic control gear. The round frame has a diameter D=200 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 15 mm. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit, OPTI BEAM aluminium reflector and black plastic cover. The product is wired using an A2 stainless steel cable gland, with type A07RNF 4x1 mm² outgoing power cord having L=1200 mm. The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour
Steel (13)

Weight (Kg)
3.16

Mounting

Floor recessed|ground recessed

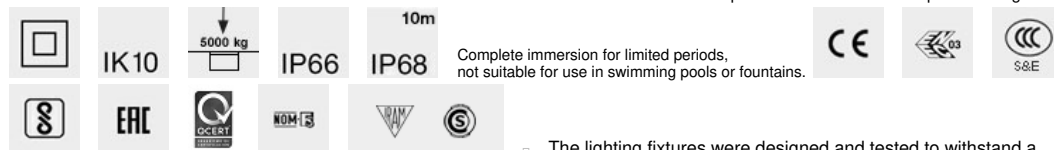
Wiring

Product inclusive of 220-240 VAC DALI dimmable electronic control gear.

Notes

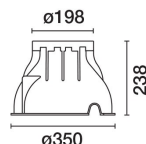
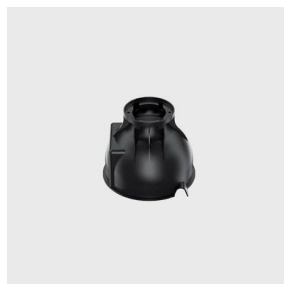
IP68 degree of protection on the product and cable when using IP68 connectors * The product is not suitable for installation in swimming pools and fountains. Overvoltage protection: 4KV Common mode, 3,5KV differenzial mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

□ The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.

**Accessory code**

X203.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

Colour
Black (04)

Weight (Kg)
1.38

Mounting

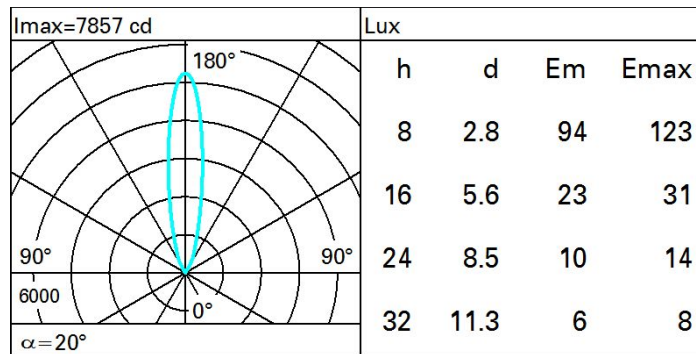
ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	1485	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	14.2	Lamp code:	LED
Im source:	1980	Number of lamps for optical assembly:	1
W source:	12	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	104.6	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -25°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	1485	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	75	Inrush current:	5 A / 50 µs
Beam angle [°]:	20°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	4000	Overvoltage protection:	4kV Common mode & 3kV Differential mode
MacAdam Step:	2	Control:	DALI-2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

Polar



UGR diagram

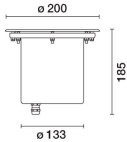
Corrected UGR values (at 1980 lm bare lamp luminous flux)										
Reflect.:		viewed crosswise					viewed endwise			
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim										
x	y									
2H	2H	0.7	2.8	1.0	3.1	3.4	0.7	2.8	1.0	3.1
	3H	0.6	2.2	1.0	2.5	2.9	0.6	2.2	0.9	2.5
	4H	0.5	1.9	0.9	2.2	2.6	0.5	1.9	0.9	2.2
	6H	0.5	1.6	0.9	1.9	2.3	0.5	1.5	0.9	1.9
	8H	0.5	1.5	0.8	1.9	2.2	0.4	1.5	0.8	1.9
4H	2H	0.5	1.9	0.9	2.2	2.5	0.5	1.9	0.9	2.2
	3H	0.5	1.5	0.9	1.9	2.3	0.5	1.5	0.9	1.9
	4H	0.3	1.4	0.8	1.8	2.2	0.3	1.4	0.8	1.8
	6H	0.0	1.7	0.5	2.2	2.6	0.0	1.7	0.5	2.2
	8H	-0.1	1.8	0.4	2.2	2.7	-0.1	1.8	0.4	2.2
8H	2H	-0.2	1.7	0.3	2.2	2.7	-0.2	1.7	0.3	2.2
	3H	-0.1	1.8	0.4	2.2	2.7	-0.1	1.8	0.4	2.2
	4H	-0.2	1.6	0.3	2.1	2.6	-0.2	1.6	0.3	2.1
	6H	-0.2	1.4	0.3	1.9	2.4	-0.2	1.4	0.3	1.9
	8H	-0.0	0.9	0.5	1.4	2.0	-0.0	0.9	0.5	1.4
12H	4H	-0.2	1.7	0.3	2.2	2.7	-0.2	1.7	0.3	2.2
	6H	-0.2	1.4	0.3	1.9	2.4	-0.2	1.4	0.3	1.9
	8H	-0.0	0.9	0.5	1.4	2.0	-0.0	0.9	0.5	1.4
Variations with the observer position at spacing:										
S =		1.0H	4.9	/ -6.0			4.9	/ -6.0		
		1.5H	7.6	/ -7.9			7.6	/ -7.9		
		2.0H	9.6	/ -9.0			9.6	/ -9.0		

Last information update: October 2024

Product configuration: E133+X203.04

E133: Recessed floor luminaire Earth D=200 mm - Neutral White - Spot Optic - DALI

X203.04: Plastic casing for installation on floors + end cap - Black



Product code

E133: Recessed floor luminaire Earth D=200 mm - Neutral White - Spot Optic - DALI

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with DALI dimmable incorporated electronic control gear. The round frame has a diameter D=200 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 15 mm. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit, methacrylate lens and black plastic cover. The product is wired using an A2 stainless steel cable gland, with type A07RNF 4x1 mm² outgoing power cord having L=1200 mm. The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour
Steel (13)

Weight (Kg)
3.16

Mounting

Floor recessed|ground recessed

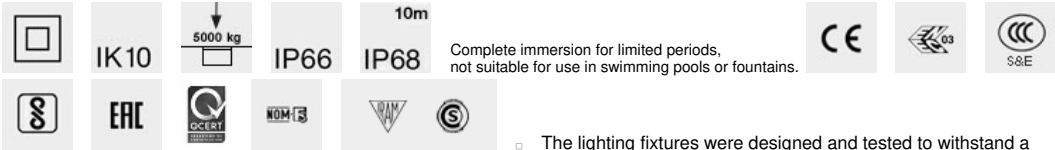
Wiring

Product inclusive of 220-240 VAC DALI dimmable electronic control gear.

Notes

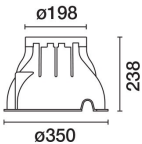
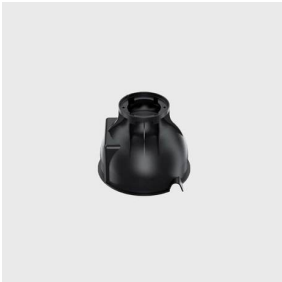
IP68 degree of protection on the product and cable when using IP68 connectors * The product is not suitable for installation in swimming pools and fountains. Overvoltage protection: 4KV Common mode, 3,5KV differenzial mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.



Accessory code

X203.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

Colour
Black (04)

Weight (Kg)
1.38

Mounting

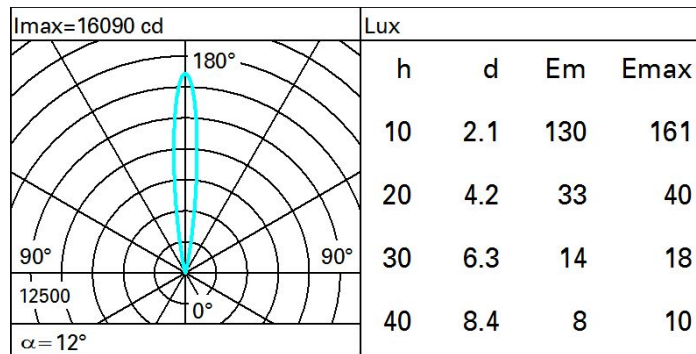
ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	1001	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	14.3	Lamp code:	LED
Im source:	1820	Number of lamps for optical assembly:	1
W source:	12	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	70	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -25°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	1001	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	55	Inrush current:	5 A / 50 µs
Beam angle [°]:	12°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	4000	Overvoltage protection:	4kV Common mode & 3kV Differential mode
MacAdam Step:	2	Control:	DALI-2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

Polar



UGR diagram

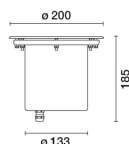
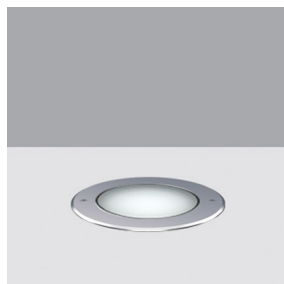
Corrected UGR values (at 1820 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim											
x	y										
2H	2H	-2.2	-0.1	-1.8	0.2	0.5	-2.2	-0.1	-1.8	0.2	0.5
	3H	-2.2	-1.0	-1.8	-0.7	-0.4	-2.2	-1.0	-1.9	-0.7	-0.4
	4H	-2.2	-1.4	-1.9	-1.0	-0.7	-2.2	-1.4	-1.9	-1.1	-0.8
	6H	-2.2	-1.7	-1.8	-1.3	-1.0	-2.3	-1.7	-1.9	-1.4	-1.1
	8H	-2.3	-1.6	-1.9	-1.3	-0.9	-2.3	-1.7	-2.0	-1.3	-1.0
	12H	-2.4	-1.5	-2.0	-1.2	-0.8	-2.4	-1.6	-2.1	-1.3	-0.9
4H	2H	-2.2	-1.4	-1.9	-1.1	-0.8	-2.2	-1.4	-1.9	-1.0	-0.7
	3H	-2.4	-1.6	-2.0	-1.2	-0.9	-2.4	-1.6	-2.0	-1.2	-0.8
	4H	-2.6	-1.4	-2.2	-1.0	-0.6	-2.6	-1.4	-2.2	-1.0	-0.6
	6H	-2.9	-1.1	-2.4	-0.7	-0.2	-2.9	-1.1	-2.4	-0.7	-0.2
	8H	-3.0	-1.1	-2.5	-0.6	-0.1	-3.0	-1.1	-2.5	-0.6	-0.1
	12H	-3.0	-1.1	-2.5	-0.7	-0.1	-3.1	-1.2	-2.6	-0.7	-0.2
8H	4H	-3.0	-1.1	-2.5	-0.6	-0.1	-3.0	-1.1	-2.5	-0.6	-0.1
	6H	-3.0	-1.4	-2.5	-0.9	-0.4	-3.0	-1.4	-2.5	-0.9	-0.4
	8H	-2.9	-1.7	-2.4	-1.2	-0.7	-2.9	-1.7	-2.4	-1.2	-0.7
	12H	-2.7	-2.0	-2.2	-1.6	-1.0	-2.7	-2.1	-2.2	-1.6	-1.1
12H	4H	-3.1	-1.2	-2.6	-0.7	-0.2	-3.0	-1.1	-2.5	-0.7	-0.1
	6H	-2.9	-1.7	-2.4	-1.3	-0.7	-2.9	-1.7	-2.4	-1.2	-0.7
	8H	-2.7	-2.1	-2.2	-1.6	-1.1	-2.7	-2.0	-2.2	-1.6	-1.0
Variations with the observer position at spacing:											
S =		1.0H	4.2 / -7.6				4.2 / -7.6				
		1.5H	6.9 / -8.6				6.9 / -8.6				
		2.0H	8.9 / -8.8				8.9 / -8.8				

Last information update: October 2024

Product configuration: E139+X203.04

E139: Recessed floor luminaire Earth D=200 mm - Warm White - Diffuse Optic - DALI

X203.04: Plastic casing for installation on floors + end cap - Black

**Product code**

E139: Recessed floor luminaire Earth D=200 mm - Warm White - Diffuse Optic - DALI

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with DALI dimmable incorporated electronic control gear. The round frame has a diameter D=200 mm; the body and frame are made of AISI 304 stainless steel with anti-slip glass (conforming to Class R13 pursuant to DIN 51130), 15 mm thickness and internal methacrylate opal diffuser. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit. The product is wired using an A2 stainless steel cable gland, with type A07RNF 4x1 mm² outgoing power cord having L=1200 mm. The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour
Steel (13)**Weight (Kg)**
3.16**Mounting**

Floor recessed|ground recessed

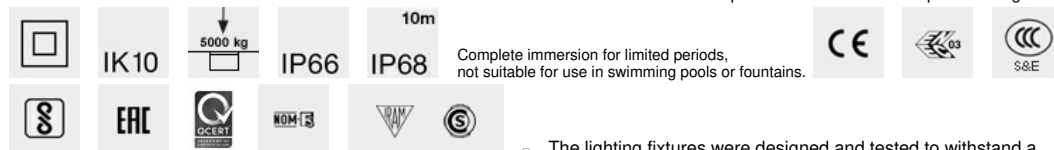
Wiring

Product inclusive of 220-240 VAC DALI dimmable electronic control gear.

Notes

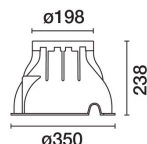
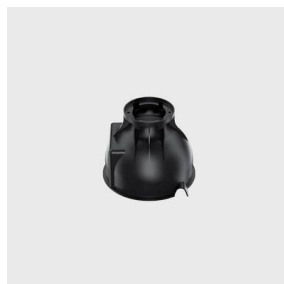
IP68 degree of protection on the product and cable when using IP68 connectors * The product is not suitable for installation in swimming pools and fountains. Overvoltage protection: 4KV Common mode, 3,5KV differenzial mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.

**Accessory code**

X203.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

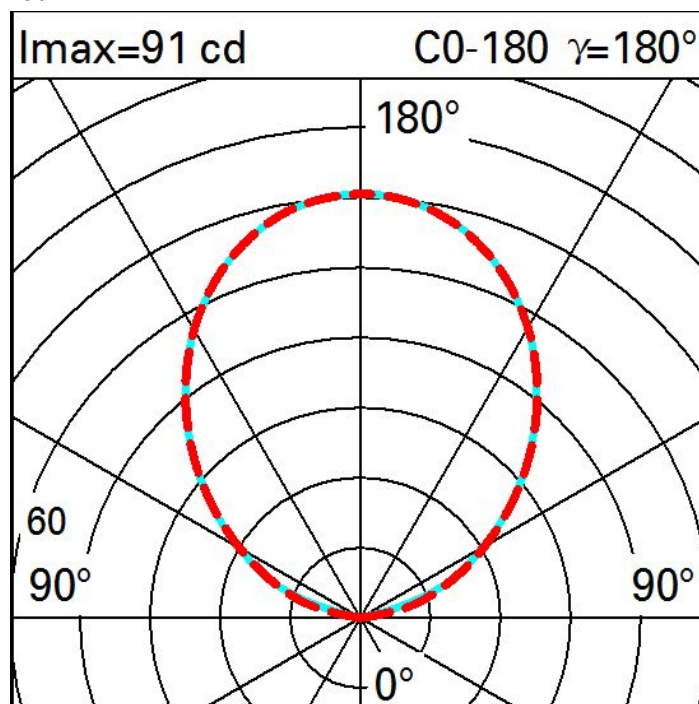
Colour
Black (04)**Weight (Kg)**
1.38**Mounting**

ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	216	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
W system:	15	Lamp code:	LED
Im source:	1800	Number of lamps for optical assembly:	1
W source:	12	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	14.4	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -25°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	216	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	12	Inrush current:	5 A / 50 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
Colour temperature [K]:	3000	Minimum dimming %:	1
MacAdam Step:	2	Overvoltage protection:	4kV Common mode & 3kV Differential mode
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	Control:	DALI-2

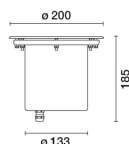
Polar

Last information update: October 2024

Product configuration: E137+X203.04

E137: Recessed floor luminaire Earth D=200 mm - Warm White - Wall Washer Optic - DALI

X203.04: Plastic casing for installation on floors + end cap - Black

**Product code**

E137: Recessed floor luminaire Earth D=200 mm - Warm White - Wall Washer Optic - DALI

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with DALI dimmable incorporated electronic control gear. The round frame has a diameter D=200 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 15 mm. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit. The product is wired using an A2 stainless steel cable gland, with type A07RNF 4x1 mm² outgoing power cord having L=1200 mm. The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour
Steel (13)**Weight (Kg)**
2.64**Mounting**

Floor recessed|ground recessed

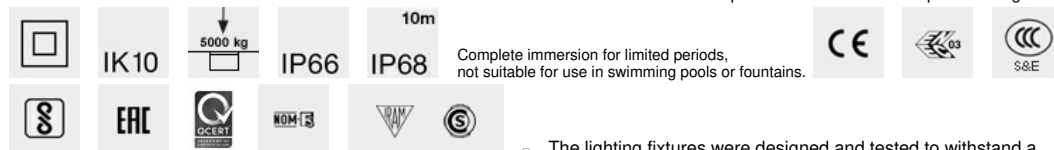
Wiring

Product inclusive of 220-240 VAC DALI dimmable electronic control gear.

Notes

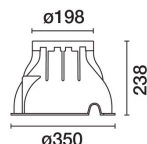
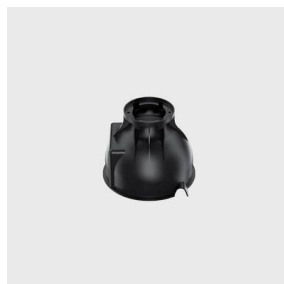
IP68 degree of protection on the product and cable when using IP68 connectors * The product is not suitable for installation in swimming pools and fountains. Overvoltage protection: 4KV Common mode, 3,5KV differenzial mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.

**Accessory code**

X203.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

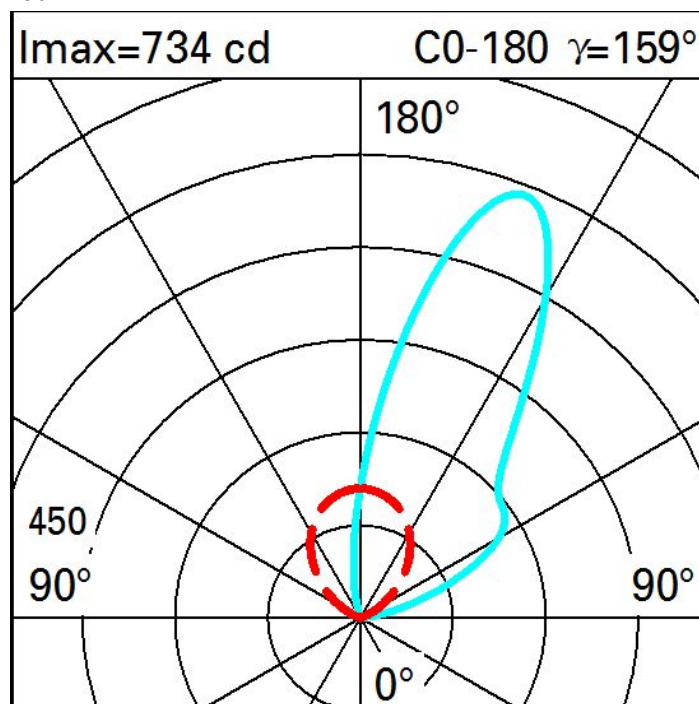
Colour
Black (04)**Weight (Kg)**
1.38**Mounting**

ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	718	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W system:	16.5	Lamp code:	LED
Im source:	1750	Number of lamps for optical assembly:	1
W source:	15	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	43.5	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -25°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	718	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	41	Inrush current:	5 A / 50 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 31 luminaires B16A: 50 luminaires C10A: 52 luminaires C16A: 85 luminaires
Colour temperature [K]:	3000	Minimum dimming %:	1
MacAdam Step:	2	Overvoltage protection:	4kV Common mode & 3kV Differential mode
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)	Control:	DALI-2

Polar

Light Up

Design iGuzzini

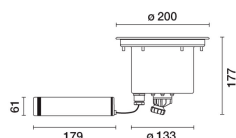
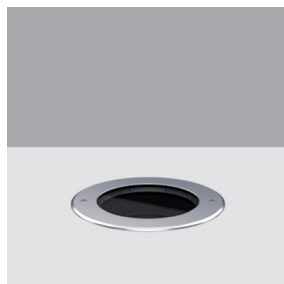
iGuzzini

Last information update: October 2024

Product configuration: E142+X203.04

E142: Recessed floor fitting Earth D=200 mm - Warm White - Adjustable Spot optic - DALI

X203.04: Plastic casing for installation on floors + end cap - Black



Product code

E142: Recessed floor fitting Earth D=200 mm - Warm White - Adjustable Spot optic - DALI

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, adjustable optic, with DALI dimmable incorporated electronic control gear. The round frame has a diameter D=200 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 15 mm. Stainless steel body coated with black paint. The luminaire is secured to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit, methacrylate lens and black plastic cover. The luminaire is supplied with an external orientation system (patent pending), without having to open the product, inclusive of double graduated scale: 0-30° with respect to horizontal plane and ±90° with respect to vertical axis. Black plastic (PPS) external box containing the power supply unit. The product is wired using an A2 stainless steel cable gland, with type A07RNF 4x1 mm² outgoing power cord having L=1200 mm. The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the power supply box. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour
Steel (13)

Weight (Kg)
3.4

Mounting

Floor recessed|ground recessed

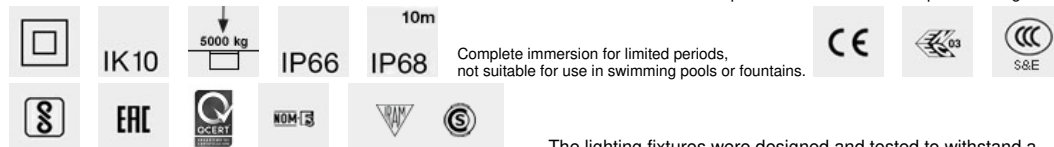
Wiring

Product inclusive of 220-240 VAC DALI dimmable electronic control gear positioned in a separate box from the optical assembly and with outgoing cable.

Notes

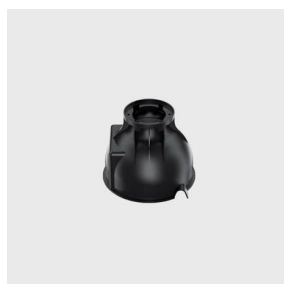
IP68 degree of protection on the product and cable when using IP68 connectors * The product is not suitable for installation in swimming pools and fountains. Overvoltage protection: 4KV Common mode, 3,5KV differenzial mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.



Accessory code

X203.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

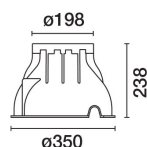
Colour
Black (04)

Weight (Kg)
1.38

Mounting

ground surface|Floor recessed|ground recessed

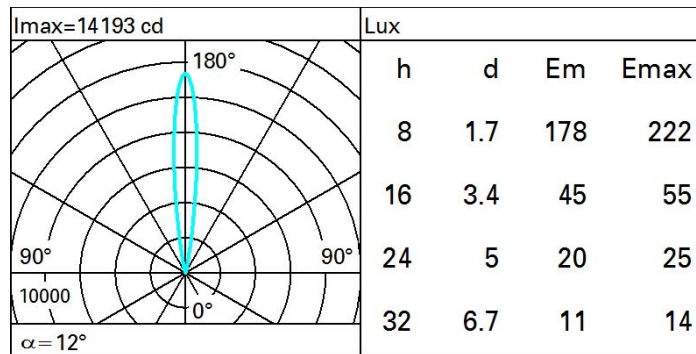
Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	847	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W system:	12.1	Lamp code:	LED
Im source:	1540	Number of lamps for optical assembly:	1
W source:	10	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	70	Number of optical assemblies:	1
Im in emergency mode:	-	Intervalllo temperatura ambiente:	from -25°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	847	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	55	Inrush current:	9 A / 329 µs
Beam angle [°]:	12°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 22 luminaires B16A: 35 luminaires C10A: 36 luminaires C16A: 59 luminaires
CRI (minimum):	80	Minimum dimming %:	1
Colour temperature [K]:	3000	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	2	Control:	DALI-2
Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)		

Polar



UGR diagram

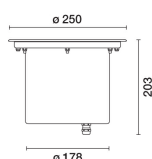
Corrected UGR values (at 1540 lm bare lamp luminous flux)												
Reflect.:		viewed crosswise					viewed endwise					
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Room dim												
x	y											
2H	2H	-0.3	1.7	0.0	2.0	2.3	-0.3	1.7	0.0	2.0	2.3	
	3H	-0.4	0.8	-0.0	1.1	1.4	-0.3	0.9	0.0	1.2	1.5	
	4H	-0.4	0.4	-0.0	0.7	1.1	-0.3	0.5	0.0	0.8	1.1	
	6H	-0.4	0.1	-0.0	0.4	0.8	-0.4	0.2	0.0	0.5	0.8	
	8H	-0.5	0.2	-0.1	0.5	0.8	-0.4	0.2	-0.1	0.5	0.9	
	12H	-0.6	0.2	-0.2	0.6	1.0	-0.6	0.3	-0.2	0.6	1.0	
4H	2H	-0.3	0.5	0.0	0.8	1.1	-0.4	0.4	-0.0	0.7	1.1	
	3H	-0.5	0.3	-0.1	0.7	1.0	-0.5	0.3	-0.1	0.7	1.0	
	4H	-0.8	0.5	-0.3	0.9	1.3	-0.8	0.5	-0.3	0.9	1.3	
	6H	-1.1	0.7	-0.6	1.2	1.7	-1.1	0.7	-0.6	1.2	1.7	
	8H	-1.2	0.7	-0.7	1.2	1.7	-1.2	0.7	-0.7	1.2	1.7	
	12H	-1.2	0.6	-0.7	1.1	1.6	-1.3	0.6	-0.8	1.1	1.6	
8H	4H	-1.2	0.7	-0.7	1.2	1.7	-1.2	0.7	-0.7	1.2	1.7	
	6H	-1.2	0.4	-0.7	0.8	1.4	-1.2	0.4	-0.7	0.9	1.4	
	8H	-1.1	0.0	-0.6	0.5	1.0	-1.1	0.0	-0.6	0.5	1.0	
	12H	-1.0	-0.3	-0.4	0.2	0.7	-1.0	-0.3	-0.5	0.2	0.7	
12H	4H	-1.3	0.6	-0.8	1.1	1.6	-1.2	0.6	-0.7	1.1	1.6	
	6H	-1.1	0.0	-0.6	0.5	1.0	-1.1	0.0	-0.6	0.5	1.1	
	8H	-1.0	-0.3	-0.5	0.2	0.7	-1.0	-0.3	-0.4	0.2	0.7	
Variations with the observer position at spacing:												
S =		1.0H	2.6 / -4.1				2.6 / -4.1					
		1.5H	5.0 / -9.9				5.0 / -9.9					
		2.0H	6.9 / -12.4				6.9 / -12.4					

Last information update: October 2024

Product configuration: E151+X209.04

E151: Recessed floor luminaire Earth D=250 mm - Warm White - Medium optic - DALI

X209.04: Plastic casing for installation on floors + end cap - Black

**Product code**

E151: Recessed floor luminaire Earth D=250 mm - Warm White - Medium optic - DALI

Technical description

Recessed luminaire applicable to the floor or ground, designed for fitting monochrome white LED sources, for illumination, fixed optic, with DALI dimmable incorporated electronic control gear. The round frame has a diameter D=250 mm; the body and frame are made of AISI 304 stainless steel with sodium-calcium extra clear glass, thickness 15 mm. Stainless steel body coated with black paint. The luminaire is fixed to the outer casing by means of two TORX-type screws that ensure proper anchoring. Inclusive of LED circuit, OPTI BEAM aluminium reflector and black plastic cover. The product is wired using an A2 stainless steel cable gland, with type A07RNF 4x1 mm² outgoing power cord having L=1200 mm. The cable is equipped with an anti-transpiration device (IP68) consisting of a silicone seal placed on the power cable and housed inside the product. The outer casing for installation can be ordered separately from the plastic optical assembly. The assembly made up of the frame, optical assembly and outer casing guarantees 5000 kg resistance to static loads. Maximum glass surface temperature is lower than 40°C.

Installation

The product is secured to the outer casing by means of two TORX-type screws. The luminaire can be installed recessed, floor-standing, using an outer casing or on the ground.

Colour

Steel (13)

Weight (Kg)

4.98

Mounting

Floor recessed|ground recessed

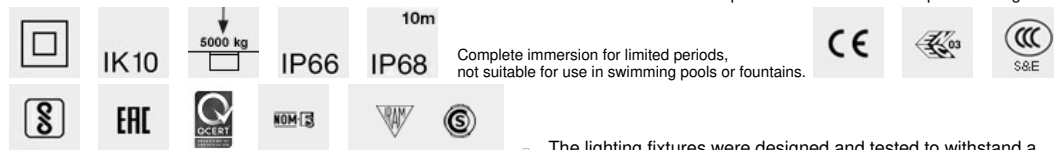
Wiring

Product inclusive of 220-240 VAC DALI dimmable electronic control gear.

Notes

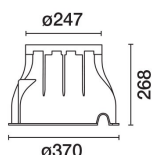
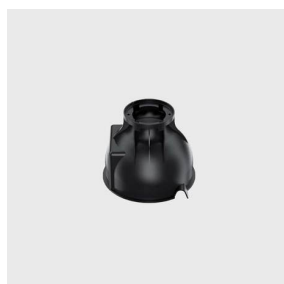
IP68 degree of protection on the product and cable when using IP68 connectors * The product is not suitable for installation in swimming pools and fountains. Overvoltage protection: 4KV Common mode, 3,5KV differential mode

Complies with EN60598-1 and pertinent regulations



Complete immersion for limited periods, not suitable for use in swimming pools or fountains.

□ The lighting fixtures were designed and tested to withstand a static load of up to 50000 N and to resist drive-over stress by vehicles with tires. The fixtures cannot be used in lanes subjected to horizontal stresses due to acceleration, braking and / or changes of direction.

**Accessory code**

X209.04: Plastic casing for installation on floors + end cap - Black

Technical description

Made of plastic (polypropylene). Inclusive of front cap with system for extracting the cables and double cable entry.

Installation

Floor-standing (concrete)

Colour

Black (04)

Weight (Kg)

1.9

Mounting

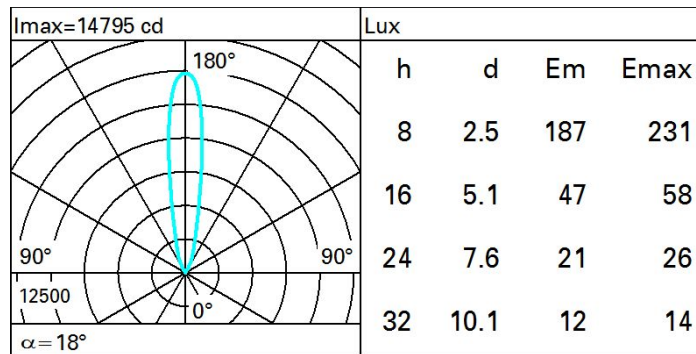
ground surface|Floor recessed|ground recessed

Complies with EN60598-1 and pertinent regulations

Technical data

Im system:	2379	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W system:	21	Life Time LED 2:	100,000h - L90 - B10 (Ta 40°C)
Im source:	3050	Lamp code:	LED
W source:	18	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	113.3	ZVEI Code:	LED
Im in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	2379	Intervallo temperatura ambiente:	from -25°C to 50°C.
Light Output Ratio (L.O.R.) [%]:	78	Power factor:	See installation instructions
Beam angle [°]:	18°	Inrush current:	10 A / 200 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires
Colour temperature [K]:	3000	Overvoltage protection:	5kV Common mode & 4kV Differential mode
MacAdam Step:	2	Control:	DALI-2

Polar



UGR diagram

Corrected UGR values (at 3050 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	ceiling	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls	walls	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.	work pl.	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim	Room dim	viewed crosswise					viewed endwise				
x	y										
2H	2H	-1.9	0.2	-1.5	0.5	0.9	-1.9	0.2	-1.5	0.5	0.9
	3H	-2.0	-0.4	-1.6	-0.1	0.3	-2.0	-0.4	-1.6	-0.1	0.2
	4H	-2.0	-0.7	-1.6	-0.4	-0.0	-2.0	-0.8	-1.7	-0.4	-0.1
	6H	-2.0	-1.0	-1.6	-0.7	-0.3	-2.1	-1.1	-1.7	-0.7	-0.4
	8H	-2.0	-1.0	-1.6	-0.7	-0.3	-2.1	-1.1	-1.7	-0.8	-0.4
	12H	-2.1	-1.0	-1.6	-0.6	-0.3	-2.2	-1.2	-1.8	-0.8	-0.4
4H	2H	-2.0	-0.8	-1.7	-0.4	-0.1	-2.0	-0.7	-1.6	-0.4	-0.0
	3H	-2.1	-1.1	-1.7	-0.7	-0.3	-2.1	-1.0	-1.7	-0.7	-0.3
	4H	-2.2	-1.1	-1.8	-0.7	-0.3	-2.2	-1.1	-1.8	-0.7	-0.3
	6H	-2.5	-0.8	-2.0	-0.3	0.2	-2.5	-0.8	-2.0	-0.4	0.1
	8H	-2.6	-0.7	-2.1	-0.2	0.3	-2.6	-0.7	-2.1	-0.3	0.2
	12H	-2.6	-0.7	-2.1	-0.2	0.3	-2.7	-0.8	-2.2	-0.3	0.2
8H	4H	-2.6	-0.7	-2.1	-0.3	0.2	-2.6	-0.7	-2.1	-0.2	0.3
	6H	-2.6	-0.9	-2.1	-0.4	0.1	-2.6	-0.8	-2.1	-0.4	0.2
	8H	-2.6	-1.1	-2.1	-0.6	-0.0	-2.6	-1.1	-2.1	-0.6	-0.0
	12H	-2.3	-1.4	-1.8	-0.9	-0.4	-2.4	-1.5	-1.9	-1.0	-0.4
12H	4H	-2.7	-0.8	-2.2	-0.3	0.2	-2.6	-0.7	-2.1	-0.2	0.3
	6H	-2.6	-1.1	-2.1	-0.6	-0.1	-2.5	-1.0	-2.0	-0.5	0.0
	8H	-2.4	-1.5	-1.9	-1.0	-0.4	-2.3	-1.4	-1.8	-0.9	-0.4
Variations with the observer position at spacing:											
S =	1.0H	5.8 / -0.1					5.8 / -0.1				
	1.5H	8.5 / -0.5					8.5 / -0.5				
	2.0H	10.5 / -0.7					10.5 / -0.7				