PONTO

LED

LED

Schréder Group GIE

CHARACTERISTICS - FLOODLIGHTS

	Ponto	
Tightness level:	IP 67 [*]	
Impact resistance (glass):	IK 10 [**]	
Static load resistance:	2,000 kg [*]	
Nominal voltage:	230 V AC	
Electrical class:	II [*]	
	With kit	Without kit
Weight:	0,70 kg	0,45 kg

[*] according to IEC - EN 60598
[**] according to IEC - EN 62262

ADVANTAGES

- Illumination version with many symmetrical light distributions
- Ground-lighting version
- IP 67 tightness level, maintained over time
- Robust mechanical design: reinforced synthetic materials, stainless steel and tempered glass
- Many different possibilities for installation, with or without an installation kit

VARIANTS

- With or without an installaton kit
- Stainless steel or synthetic "QuickOn" connector

DESCRIPTION

Ponto floodlights are a range of recessed LED luminaires.
The range of light distribution options offers all manner of solutions for lighting architectural elements or ground-lighting public or private areas.

The synthetic body reinforced with fibre glass, with a stainless steel finish frame, houses the optical compartment.
The power supply is fitted in the body.
The 12-mm tempered-glass protector, with its high mechanical resistance, can withstand a static load of 2,000 kg.
Thanks to these different elements of mechanical design, the luminaire's IP 67 tightness level is maintained in the long term.

Optimal heat dissipation means that the luminous flux remains at 70% of its initial value after 60,000 hours of use at a maximum ambient temperature of 35ºC.

Colour: brushed stainless steel

PONTO LED LIGHTING

ADAPTED TO THE URBAN ENVIRONMENT

A clever design, combined with quality materials such as stainless steel, tempered glass and synthetic materials reinforced with fibre glass, guarantee these recessed floodlights adequate robustness for installation in an urban environment.
Ponto floodlights can withstand a static load of 2,000 kg.

ILLUMINATION OR GROUND LIGHTING VERSIONS

Ponto recessed floodlights are available in various monochromatic static versions.
• ILLUMINATION: Ponto's 3 LEDs in warm white, cool white, neutral white, red, green or blue, have the following light distributions depending on the 3 types of lenses with which they can be fitted: narrow beam, medium beam or wide beam.
• GROUND LIGHTING: The 1 LED Ponto version, in warm white, cool white, neutral white, red, green or blue, brings atmosphere to the nocturnal landscape.

FLEXIBLE INSTALLATION

An installation kit facilitates the installation of the Ponto floodlight. These kits are designed in three parts to minimise the product's packaging volume, as well as the carbon footprint in transport.
Ponto floodlights are provided with a factory-fitted supply cable. No internal connection is necessary. They can also be delivered with a synthetic "QuickOn" connector (quick connector without tools).

MAINTENANCE FREE

No maintenance operations are required throughout the lifetime of the floodlight.
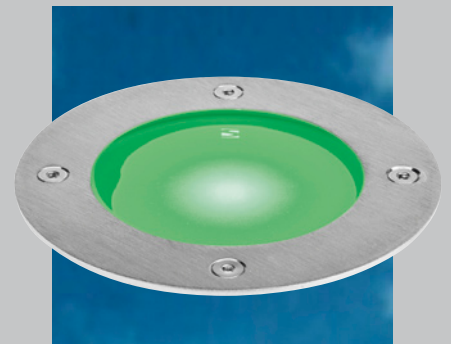
LIGHT SOURCES

High-power LEDs	Object illumination	Ground lighting
Type	Cree XP-E	Cree XP-E
Power / LED	1.2 W	1.2 W
Number of LEDs	3	1
Colour	White, Red, Green or Blue	White, Red, Green or Blue
Temperature of white LEDs	Cool 6000 K	Cool 6000 K
	Neutral 4500 K	Neutral 4500 K
	Warm 3500 K	Warm 3500 K

Luminous efficacy: the type of LED used may be changed in accordance with the continuous and rapid developments in LED technology. To follow the progress of the luminous efficacy of the LEDs used in the Ponto floodlights, please visit our web site.
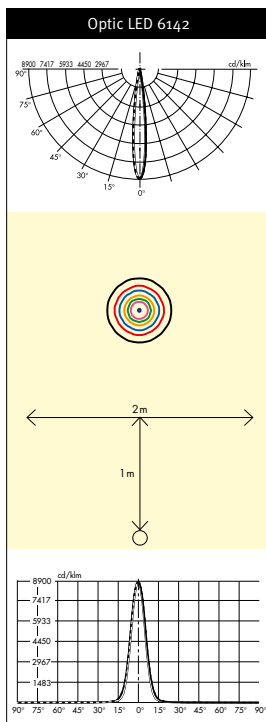
LIGHT DISTRIBUTION

ILLUMINATION
VERSION

- Narrow beam angle: 12°
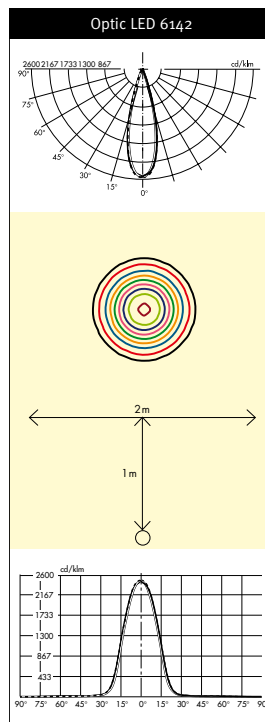 To create distinct and precise luminous accents.

- Narrow beam angle: 28°
  To create a moderately diffuse lighting effect.

- Narrow beam angle: 48°
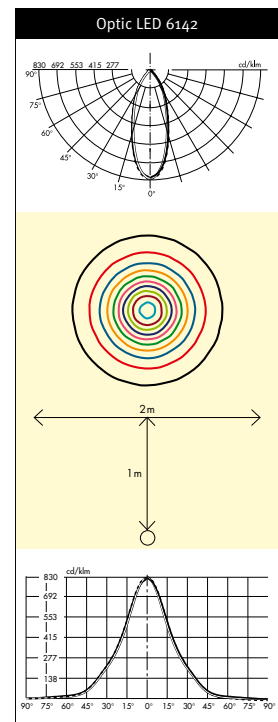 To create a diffuse lighting ambiance.

Maximal intensity:
8835 cd/klm

• 100 / • 250 / • 500 / • 1000 / • 1500 /
• 2000 / • 2750 lux

Maximal intensity:
2535 cd/klm

• 50 / • 100 / • 200 / • 300 / • 400 /
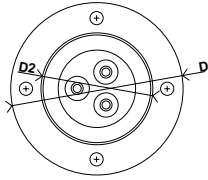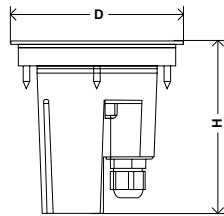• 500 / • 600 / • 700 / • 800 lux

Maximal intensity:
830 cd/klm

• 25 / • 50 / • 75 / • 100 / • 125 /
• 150 / • 175 / • 200 / • 225 / • 250 lux

(*) Photometric data in cold white (6000 K). 107lm/LED for Ponto illumination version.

Please contact us for additional configurations.

DIMENSIONS

H = height	110 mm
D = diameter	110 mm
D2 = internal diameter	70 mm

WITH INSTALLATION KIT

H2 = height: 224 mm

D = diameter of crown: 110 mm

D3 = maximum diameter of the kit: 135 mm

INSTALLATION

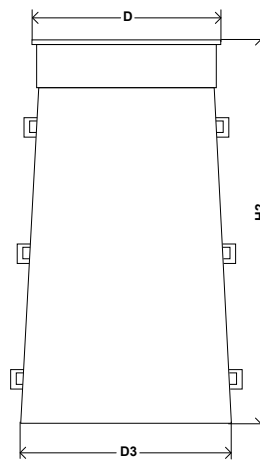The Ponto can be installed with or without an installation kit.

With installation kit

If the luminaire is installed with its kit, a levelling system is provided that helps to position the finishing crown above ground level.

Without installation kit

The finishing crown is larger so that the luminaire can be fitted into the ground.
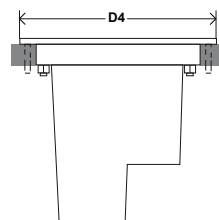
WITHOUT INSTALLATION KIT

D4 = diameter of crown: 130 mm

LED GENERATION
Schréder

www.schreder.com

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