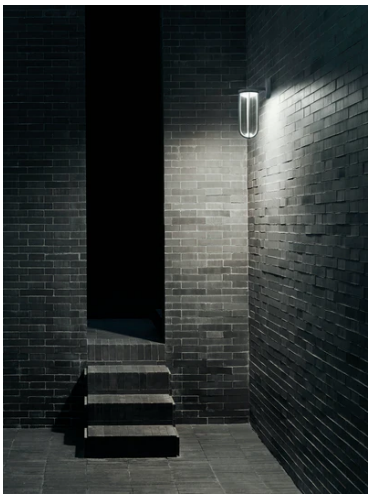
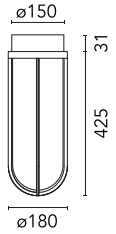
In Vitro Ceiling

New

F018C25A001 - White

Lighting unit with diffuse light for exterior ceiling installation. Integrated opalescent diffuser and external protection in transparent borosilicate glass.
The structure is made of die-cast and extruded aluminium treated with a chemical conversion process for effective resistance to atmospheric agents. The body is powder coated and comes in various finishes.
Integrated LED light source with Edge Lighting optical technology to guarantee perfect uniform lighting.
Light source included. Ceiling mount. Integrated 220–240 V ON/OFF or dimmable electrical power.
110-V version upon request.





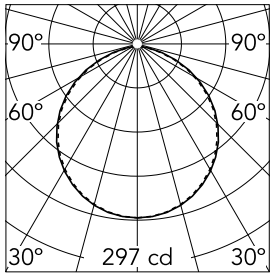
IP 66 | IK 10 | CE | DIFFUSED LIGHT

Main specifications

Lamp category	LED	**Mountings**	Ceiling
Power (W)	13	**Environment**	Outdoor wet location
CCT (K)	2700K		
CRI	80		
Net lumen (lm)	799		

Optical

Lighting type	Direct
LED type	Edge Lighting
Light distribution	Symmetric
Optical type	Diffused light
Beam angle (°)	111
Beam angle C90-270 (°)	111



Luminous flux luminaire
799 lm

Beam Angle: 111°

h(m)	E(lx)	D(m)
1	297	2.89
2	74	5.79
3	33	8.68
4	19	11.57
5	12	14.46

Electrical

Frequency (Hz)	50-60	**Emergency**	Without
Voltage (V)	220-240	**Insulation class**	I
Dimmable	No		
Driver	Integrated		
Driver type	Non Dimmable		

Physical

Color	White
Orientation	Fixed
Weight (kg)	2.8

Note

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.
During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.
Damages on the coating exposed to outdoor conditions or water, could cause corrosion.
Chemical substances affect the anticorrosion covering protection.
For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges
These effects are frequently caused by:
• over voltage coming from the mains' network where fixture is connected.
• electrostatic discharge (ESD) coming from the environment.
The use of a protective device against the overvoltage on the electrical installation is warmly suggest this helps to reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

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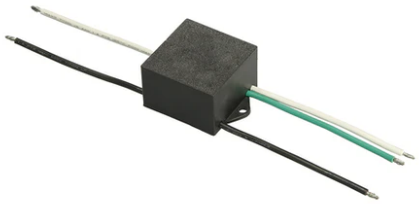

S.P.D. (SURGE PROTECTION DEVICE)
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