

Klein Pro H 900 mm Dali Black

■ F002B30D030.A - Black

The body of Klein Pro bollard is made of extruded aluminium, base and diffuser in die-cast aluminium EN AB-47100 with a low copper content.

High-resistance coating: the external coating is applied with a double layer with epoxy powders according to the QUALICOAT standard. The first layer of epoxy powder gives chemical and mechanical resistance, the second finishing layer of polyester powder ensures resistance.

Also available in anodized finishes.

Klein Pro is compatible with existing "Klein" fixing plate.

220-240V power supply integrated. Solid surface or ground installation accessories to be ordered separately.

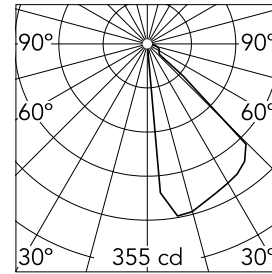
Each luminaire is equipped with 1000 mm length outgoing cable and a wiring kit.

Main specifications

Lamp category	LED	Mountings	Ground
Power (W)	11	Environment	Outdoor wet location
CCT (K)	3000K		
CRI	80		
Net lumen (lm)	304		

Optical

Lighting type	Direct
LED type	Power LED
Light distribution	Asymmetric
Optical type	Asymmetric
Beam angle (°)	45
Beam angle C90-270 (°)	20



Luminous flux luminaire
304 lm

Electrical

Frequency (Hz)	50-60	Emergency	Without
Voltage (V)	220-240	Insulation class	II
Dimmable	Yes		
Driver	Integrated		
Driver type	Dimmable DALI		
	1		

Physical

Color	Black
Orientation	Fixed
Weight (kg)	1.95

Note

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.

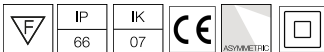
Chemical substances affect the anticorrosion covering protection.

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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Anodized aestetical pole screen
Anodized Gold
F002Z050073



Klein Pro base plate and fixing bolts
85x85xH160 mm
F002Z020000



Anodized aestetical pole screen
Anodized Natural
F002Z050070



Anodized aestetical pole screen
Anodized Black
F002Z050071



Fixing base for solid surfaces Deep
Brown
F002Z010018.A



Fixing base for solid surfaces
Anthracite
F002Z010033.A



Fixing base for solid surfaces White
F002Z010001.A



Fixing base for solid surfaces Black
F002Z010030.A



Minimal Klein Pro ground fixation
plate, 47x57xH160 mm
F002Z030000.A



Fixing base for solid surfaces Grey
F002Z010006.A