

## Klein Pro H 900 mm Dali Deep Brown

■ F002B30D018.A - Deep Brown

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.

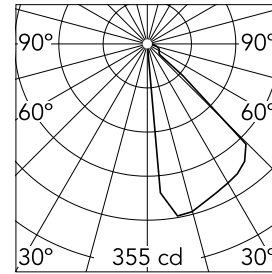
Each luminaire is equipped with 1000 mm length outgoing cable and a wiring kit.

### Main specifications

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

### Optical

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



Luminous flux luminaire  
304 lm

### Electrical

<b>Frequency (Hz)</b>	50-60	<b>Emergency</b>	Without
<b>Voltage (V)</b>	220-240	<b>Insulation class</b>	II
<b>Dimmable</b>	Yes		
<b>Driver</b>	Integrated		
<b>Driver type</b>	Dimmable DALI		
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### Physical

<b>Color</b>	Deep Brown
<b>Orientation</b>	Fixed
<b>Weight (kg)</b>	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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Fixing base for solid surfaces  
Anthracite  
F002Z010033.A

Anodized aestetical pole screen  
Anodized Natural  
F002Z050070

Fixing base for solid surfaces Black  
F002Z010030.A



Fixing base for solid surfaces Deep  
Brown  
F002Z010018.A

Fixing base for solid surfaces Grey  
F002Z010006.A

Fixing base for solid surfaces White  
F002Z010001.A



Klein Pro base plate and fixing bolts  
85x85xH160 mm  
F002Z020000

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

Anodized aestetical pole screen  
Anodized Black  
F002Z050071



Anodized aestetical pole screen

Anodized Gold

F002Z050073