

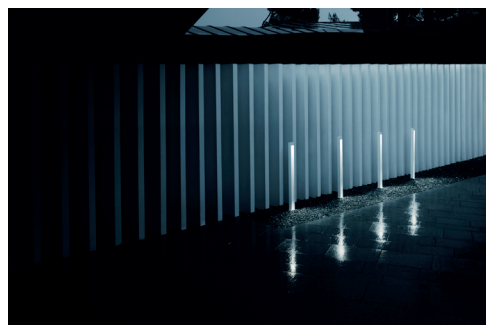


Klein Pro H.900

Bollard Outdoor Light Designed by Flos Outdoor

Description

Clean lines, clear intersections and refined simplicity make Klein PRO barely noticeable in its surroundings offering at the same time perfect and precise functionality. The family has been reengineering and continues to amaze with its state-of-the-art LED light source. The integral imperceptible LED light source stands out when combined with anodized screen pieces to improve the general light.



Dimensions



Lamp

Lamp Type	LED - Edge Lighting
Wattage	5W
Initial Lumens	294 lm, 304 lm
Color Temperature	2700K, 3000K
Color rendering	CRI 80

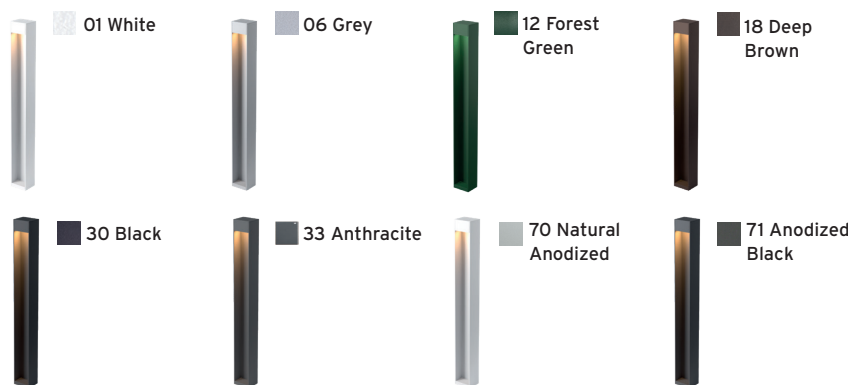
Optical

Beam Angle	45°
Lighting Type	Direct
Light Distribution	Symmetric

Physical

Material	Aluminum
Aiming	Fixed
Weight	4.3 Pounds
Ingress Protection Rating	IP66

Finishes	Painted lacquer
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Installation type	Ground
Environment	Outdoor, Wet location
Impact protection	IK07

Certifications



Photometrics

For current IES files please visit arch.flosusa.com

Warranty

2 years from date of sale.



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Electrical & Control

Driver location	Remote
Driver Input Voltage	120V-277V
Fixture Input Voltage	24V
Control	Forward + Reverse Phase, 0-10V Dimming

Notes

- Recommended connections for in-ground installations with a 2-way terminal block 4-pole IP68 water stop on 24V side.
- Painted versions are an exterior rated epoxy polyester powder coat finish for superior strength, heat and UV resistance.
- During installation and maintenance avoid scratching or damaging the finish as it may result in premature corrosion of metal surfaces. Avoid cleaning fixtures with corrosive chemicals as it may result in voiding the warranty.
- pole IP68 water stop on 24V side. Order separately.
- LED fixtures are highly susceptible to failure due to electrical effects from poor connections, and electrical short circuits. These are frequently caused by (a) overvoltage from primary voltage sources, (b) electrostatic discharge from the exterior environment. Ensure that all outdoor fixtures are installed on GFI circuits as required by code, and use proper surge protecting devices to avoid irreversible damages to electrical components.
- All drivers should be installed in weather resistant enclosures (by others) or indoors. Silicon filled wire-nuts, should be used on all line-voltage connections to avoid syphoning moisture to electrical components.



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Specifications

CCT	CRI	Wattage	Delivered Lumens	Part Number	Finish	Power Supply
2700K	80	5W	99 lm	F002B20AU01.A	01 White	Remote - Order separately UL
				F002B20AU06.A	06 Grey	
				F002B20AU12.A	12 Forest Green	
				F002B20AU18.A	18 Deep Brown	
				F002B20AU30.A	30 Black	
				F002B20AU33.A	33 Anthracite	
				F002B21AU70.A	70 Anodized Natural	
				F002B21AU71.A	71 Anodized Black	
3000K	80	5W	103 lm	F002B30AU01.A	01 White	Remote - Order separately UL
				F002B30AU06.A	06 Grey	
				F002B30AU12.A	12 Forest Green	
				F002B30AU18.A	18 Deep Brown	
				F002B30AU30.A	30 Black	
				F002B30AU33.A	33 Anthracite	
				F002B31AU70.A	70 Anodized Natural	
				F002B31AU71.A	71 Anodized Black	


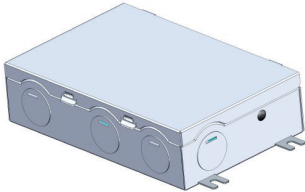
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Required Accessories

Surface Mounting plate for Solid Surface	Small Klein Pro ground fixing plate 1.8" x 2.2" x H6.3"	Klein Pro ground fixing plate and fixing bolts 3.3" x 3.3" x H6.3"
Part Number: F002Z010001.A F002Z010006.A F002Z010033.A F002Z010030.A F002Z010018.A F002Z010012.A	Part Number: F002Z030000.A	Part Number: F002Z020000
		

Required Drivers

LED Driver, 24VDC, 96W, Variable dim Triac, 0-10V Dimming PWM, 120-277VAC Input ,indoor -outdoor enclosure, UL LISTED	LED Driver, 24VDC, 60W, Variable dim Triac, 0-10V Dimming PWM, 120-277VAC Input ,indoor -outdoor enclosure, UL LISTED	LED Driver, 24VDC, 30W, Variable dim Triac, 0-10V Dimming PWM, 120-277VAC Input ,indoor -outdoor enclosure, UL LISTED
LEDSB96W24V-VAR-Y01	LEDSB60W24V-VAR-Y01	LEDSB30W24V-VAR-Y01
		

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Optional Accessories

Anodized aestetical screen piece

Part Number:

- F002Z040070 = Natural Anodized
- F002Z040071 = Black Anodized
- F002Z040073 = Gold Anodized

