

Bollard & Pole | 198-264 V | topLED 13 W 500 mA | CRI 80 64716N00



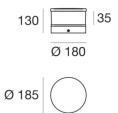












Installation environment Light Source LED Optics General Lighting Power 13 W Luminous flux (source) Frequency 50 - 60 - Hz CCT / Tonalità 4000 K Colour rendering index 80 Ra AC / DC DC Safety class 1P IP66 IK IKO9 Glow wire test Direct mounting on normally flammable surfaces CE Yes ETL No Operating temperature Driver included Induzione Emergency mode Directional No Walk-over Drive-over Cable included No Resin potting No Ceneral Lighting General Lighting 13 W 2060 Im 14 W 18 W 2060 Im 18 W 2060 Im 19 P66 IK IKO9 General Lighting 18 W 2060 Im 19 P66 IN 10 P66 IN 10 P66 IN 10 P66 IN 10 No	Technical data	
Light Source LED Optics General Lighting Power 13 W Luminous flux (source) 2060 lm Frequency 50 - 60 - Hz CCT / Tonalità 4000 K Colour rendering index 80 Ra AC / DC DC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Installation position	Wall lights - Floor
Optics General Lighting Power 13 W Luminous flux (source) 2060 lm Frequency 50 - 60 - Hz CCT / Tonalità 4000 K Colour rendering index 80 Ra AC / DC DC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Installation environment	Outdoor
Power	Light Source	LED
Luminous flux (source) 2060 Im Frequency 50 - 60 - Hz CCT / Tonalità 4000 K Colour rendering index 80 Ra AC / DC DC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Optics	General Lighting
Frequency 50 - 60 - Hz CCT / Tonalità 4000 K Colour rendering index 80 Ra AC / DC DC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Power	13 W
CCT / Tonalità 4000 K Colour rendering index 80 Ra AC / DC DC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Luminous flux (source)	2060 lm
Colour rendering index 80 Ra AC / DC DC Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Frequency	50 - 60 - Hz
AC / DC Safety class IP IP66 IK IK09 Glow wire test Birect mounting on normally flammable surfaces CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Walk-over No Cable included No Resin potting No	CCT / Tonalità	4000 K
Safety class 2 IP IP66 IK IK09 Glow wire test 850° Direct mounting on normally flammable surfaces Yes CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Colour rendering index	80 Ra
IP	AC / DC	DC
IK	Safety class	2
Solution Solution	IP	IP66
Direct mounting on normally flammable surfaces Yes CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	IK	IK09
CE Yes ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Glow wire test	850°
ETL No Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Direct mounting on normally flammable surfaces	Yes
Operating temperature -40°C / +100°C Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	CE	Yes
Driver included Yes Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	ETL	No
Induzione No Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Operating temperature	-40°C / +100°C
Emergency mode No Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Driver included	Yes
Directional No Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Induzione	No
Tilting No Walk-over No Drive-over No Cable included No Resin potting No	Emergency mode	No
Walk-over No Drive-over No Cable included No Resin potting No	Directional	No
Drive-over No Cable included No Resin potting No	Tilting	No
Cable included No Resin potting No	Walk-over	No
Resin potting No	Drive-over	No
	Cable included	No
Net weight 2 66 Kg	Resin potting	No
2.00 Ng	Net weight	2.66 Kg

Finishing casin	g	
Material	Aluminium	
Colour	embossed	
Processing	Coating	
Finishing diffus	er	
Material	Glass	
Colour	transparent	
Finishing moun	ting frame	
Material	Aluminium	
Colour	embossed	
Processing	Coating	



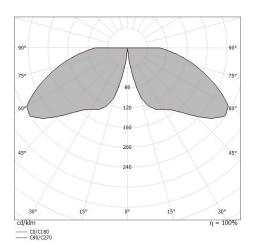
Bollard & Pole | 198-264 V | topLED 13 W 500 mA | CRI 80 **64716N00**

Single emission bollard & pole for outdoor application. The natural white LED light source with a general lighting light distribution is composed of 99 topled LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2060 lm, with a 158.5 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a embossed finish, processed by means of coating; the diffuser is made of glass; the mounting frame is made of aluminium, with a embossed finish, processed by means of coating. The ingress protection degree is IP66; the total weight is of 2.66 kg. The power supply driver is included in the delivery.

The total absorbed power is 13 W.

The device features protection class II and can be wall lights or floor-mounted.



15.58	E(0°) E(00)	79.1°	0 0
20.77	E(C0)	79.1°	0
	15.58	E(0°)	

Illuminotechnical Features	
Light Output Ratio (LOR)	70 %
Luminous flux (source)	2060 lm
Luminaire luminous flux	1445 lm
Consumption	14 W
Luminaire efficacy	103 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra

UGR	
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
UGR transversal	< 28
UGR axial	< 28

OPTICAL	
Light distribution simmetry	Symmetrical
Ottica C0/C180	158°