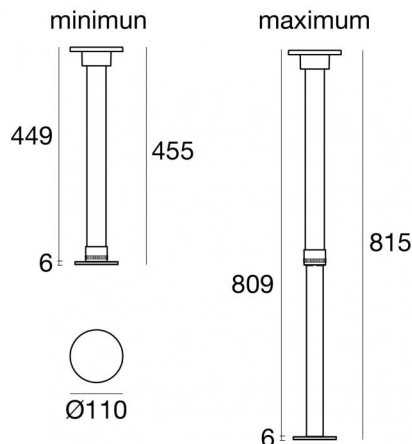


Nail telescopic



Bollard & Pole | 198-264 V | 1 arrayLED 6.8 W DC - 8.2 W AC | CRI 80
84190N00



Technical data	
Type	Bollard
Installation position	Wall lights
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Asymmetric 360°
Light emission direction	downward
Nominal power	6.8 W DC
Total Power	8.2 W
Source lumens	1135 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
IK	IK08
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Radial diffusion
Net weight	1.1 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	Dark brown
Processing	Open pore anodizing + Powder Coating

Finishing diffuser

Material	UV Resistant Polycarbonate
Colour	transparent

Finishing mounting frame

Material	UV Resistant Polycarbonate
Colour	Dark brown
Processing	Liquid painting

Finishing base

Material	Die-cast Aluminium EN AB - 46100
Colour	Dark brown
Processing	Open pore anodizing + Powder Coating

Nail telescopic



Bollard & Pole | 198-264 V | 1 arrayLED 6.8 W DC - 8.2 W AC | CRI 80 | Base
84190N00

Radial diffusion bollard & pole for outdoor application. The natural white LED light source with a asymmetric 360° light distribution is composed of 1 arrayLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1135 lm, with a 166.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a dark brown finish, processed by means of open pore anodizing + powder coating; the diffuser is made of uv resistant polycarbonate; the mounting frame is made of uv resistant polycarbonate, with a dark brown finish, processed by means of liquid painting. The ingress protection degree is IP65; the total weight is of 1.1 kg.

The total absorbed power is 8.2 W.

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

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	6 %
Source lumens	1135 lm
Delivered lumens	74 lm
Consumption	8.2 W
Luminaire efficacy	9 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

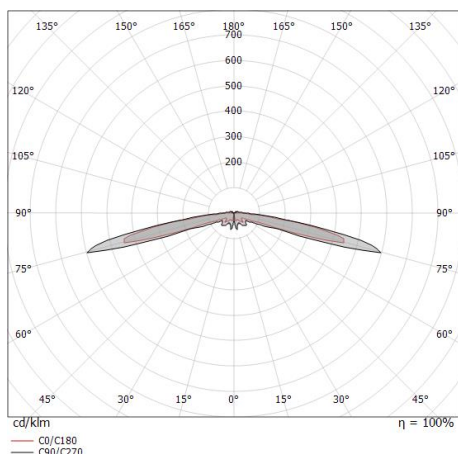
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	31.8
UGR transversal	31.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	162°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	6.39 7.03		0	81.1°	81.9°
1.0	12.77 14.05		0	81.1°	81.9°
1.5	19.16 21.08		0	81.1°	81.9°
2.0	25.54 28.11		0	81.1°	81.9°
2.5	31.93 35.13		0	81.1°	81.9°
3.0	38.32 42.16		0	81.1°	81.9°

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 163.8°)
— C90/C270 (Half-peak divergence: 162.2°)

Nail telescopic



Bollard & Pole | 198-264 V | 1 arrayLED 6.8 W DC - 8.2 W AC | CRI 80 | Base

84190N00

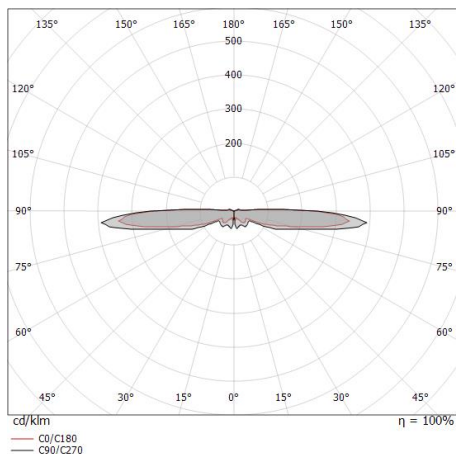
Radial diffusion bollard & pole for outdoor application. The natural white LED light source with a asymmetric 360° light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1135 lm, with a 166.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a dark brown finish, processed by means of open pore anodizing + powder coating; the diffuser is made of uv resistant polycarbonate; the mounting frame is made of uv resistant polycarbonate, with a dark brown finish, processed by means of liquid painting. The ingress protection degree is IP65; the total weight is of 1.1 kg.

The total absorbed power is 8.2 W.

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

Compliant with the EN 60598-1 standard and its specific provisions.



Energy efficiency class

This product contains a light source of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	37 %
Source lumens	1135 lm
Delivered lumens	424 lm
Consumption	8.2 W
Luminaire efficacy	51 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	35.3
UGR transversal	35.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

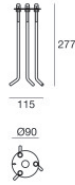
C0/C180 optics	180°
Light distribution simmetry	Symmetrical

Nail telescopic



Nail telescopic | Bollard & Pole | Accessories

84190N00



Fixing tie rods

Material:AISI 304 steel, colour:steel.

Code

83158