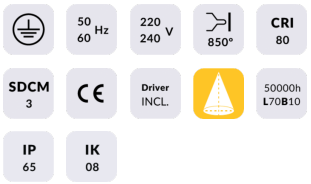


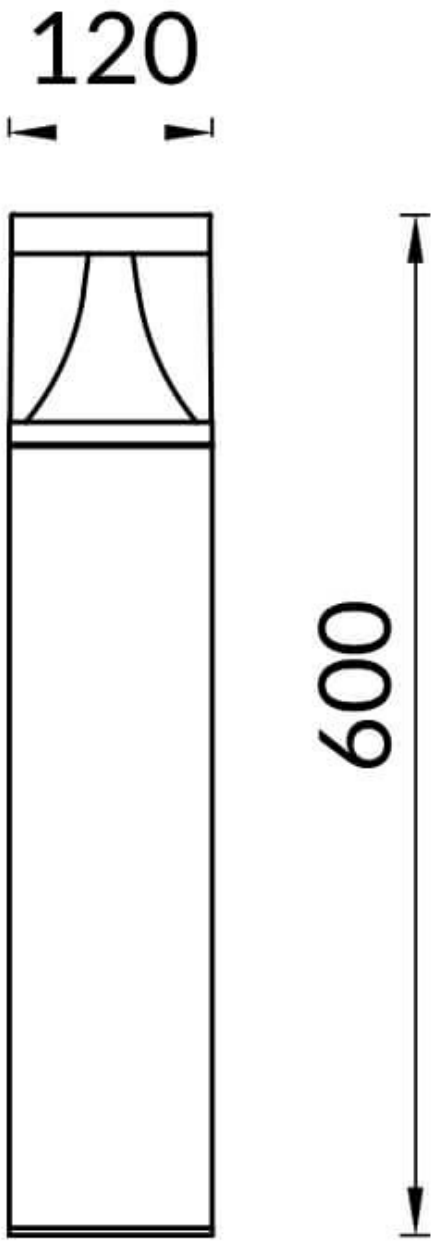
PHILAR

Outdoor Bollards from the family PHILAR with a power of 12W and an Assymetric lighting distribution. Dimmensions 120X120mm and 600mm height. Real lumen output of 980lm and an efficiency of 81.67lm/W . With a CCT of 3000K. IP65 and IK08 degree of protection. Made in Die Cast Aluminium Body, Extruded Aluminum Pole and finished in Grey color.ON-OFF driver.

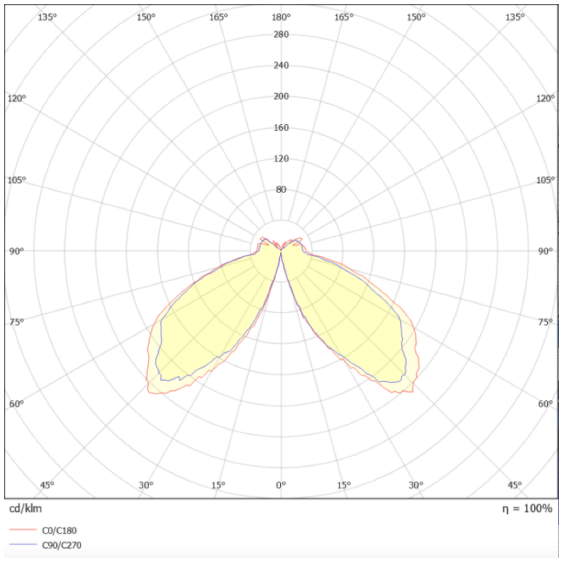
Item code	**86.OB01.1311.03**
Product type	**Outdoor**
Category	**Bollards**
Family	**PHILAR**
Pictograms	

Product	
Real power (W)	**12**
Real luminous flux (Lm)	**980**
Luminous efficiency (Lm/W)	**81.67**
Beam angle (º)	**Assymetric**
Life time (h)	**50000h L70B10**
IP	**65**
Electrical class insulation	**Class I**
Colour	**Grey**
Chip Brand	**SUNPU**
Control gear included	**yes**
Control gear	**ON-OFF**
Light source	**LED**
Type of LED	**Philips**
Colour temperature (K)	**3000**
Colour consistency (SDCM)	**SDCM3**
CRI	**75**
IK	**IK08**

Scheme



Photometry


135°
150°
165°
180°
165°
150°
135°
280
240
200
160
120
80
120°
105°
90°
75°
60°
45°
30°
15°
0°
15°
30°
45°
cd/klm
η = 100%
C0/C180
C90/C270