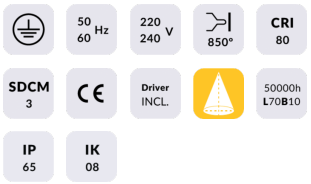
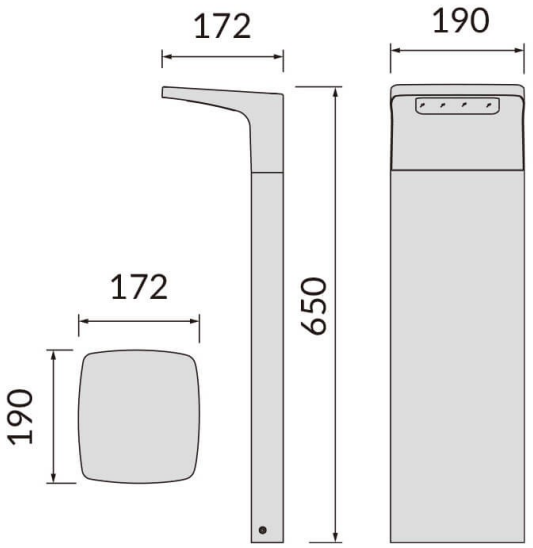


SURFACE

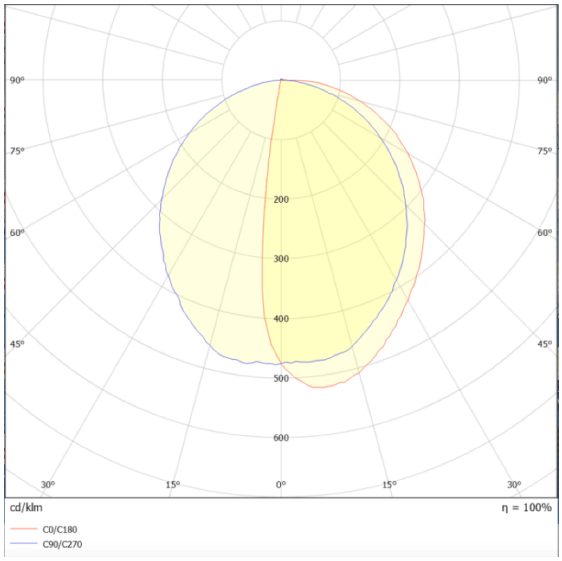
Outdoor Bollards from the family SURFACE with a power of 12W and an Assymetric lighting distribution. Dimmensions pole 190x172mm and 650mm height. Real lumen output of1140lm and an efficiency of 95lm/W . With a CCT of 3000K. IP65 and IK08 degree of protection. Made in Die Cast Aluminium Body, Extruded Aluminum Pole and finished in Black color.ON-OFF driver.

Item code	**86.OB09.1311.02**
Product type	**Outdoor**
Category	**Bollards**
Family	**SURFACE**
Pictograms	

Scheme



Photometry



Product	
Real power (W)	**12**
Real luminous flux (Lm)	**1140**
Luminous efficiency (Lm/W)	**95**
Beam angle (º)	**Assymetric**
Life time (h)	**50000h L70B10**
IP	**65**
Electrical class insulation	**Class I**
Colour	**Black**
Chip Brand	**SUNPU**
Control gear included	**yes**
Control gear	**ON-OFF**
Light source	**LED**
Type of LED	**SMD**
Colour temperature (K)	**3000**
Colour consistency (SDCM)	**SDCM3**
CRI	**75**
IK	**IK08**