Ares

IP55 IK10 20W/830 PCFR BK

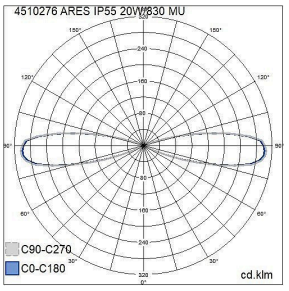


Bollard luminaire

An aluminium bollard luminaire for outdoor use, such as in front of office premises. The Ares bollard is available with an integrated LED and replaceable E27 lamp. The luminaire has a frosted polycarbonate diffuser with excellent impact resistance. High-quality surface treatment, stainless steel screws. Installation with bolt fastening directly to a concrete slab or with a separate mounting base on a readymade concrete base. The ground-mounting tube and light sources for the E27 model available only via separate order.

Ares Bollard luminaire 20W 3000K 375lm IP55; IK10; Protection cl. I; L70B50 50000h; LED not exchangeable; CRI>80; Ending; 3x2.5mm²; Housing al; Colour bk; Cover Plastic, opal; C16 max. 73

Stocked: No



IP55 IK10 20W/830 PCFR BK			
PRODUCT CODE	CODE	KG	PRODUCT FAMILY
4510276	4510276	5	Ares

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EC000301 Bollard luminaire

Mounting	
Type of luminaire	Bollard luminaire
Degree of protection (IP)	IP55
Impact strength	IK10
Type of wiring	Ending
Number of poles	3
Conductor cross section (mm²)	2.5 mm²
Max. number of luminaires per miniature circuit breaker B16	49
Max. number of luminaires per miniature circuit breaker C16	73
Connection type	Screwed terminal
Connectable conductor cross section (min) (mm²)	1.5 mm²
Connectable conductor cross section (max) (mm²)	2.5 mm²

Structure	
With base plate	Yes
Lamp type	LED not exchangeable
Light source included	Yes
Suitable for number of lamps	1
Lamp holder	Other
Housing material	Aluminium
Material quality housing material	Other
Surface protection	Powder coating
Housing colour	Black
Cover material	Plastic matt/satinized
Control gear included	Yes
Exchangeable control gear	Yes
Containing product according to 2019/2020/EU	Yes
Energy efficiency class of light source according to EU regulation 2019/2015	Not required

Dimming and control	
With light sensor	No
With movement sensor	No
Constant luminous flux control	No
Compatible with Apple HomeKit	No
Compatible with Google Assistant	No
Compatible with Amazon Alexa	No
IFTTT support available	No

Electrotechnical data	
Voltage type	AC
Nominal voltage (min) (V)	220 V
Nominal voltage (max) (V)	240 V
Type of control gear	LED operating device current-controlled
Protection class according to IEC 61140	I
Suitable for lamp power (min) (W)	20 W
Suitable for lamp power (max) (W)	20 W
Maximum system power (W)	20 W
Luminaire efficacy (lm/W)	19 lm/W
Power factor	0.9

Photometric data	
Light distributor	Diffuser lens/optic/panel
Light sharing	Symmetric
Light outlet	Direct
Effective luminous flux (lm)	375 lm
Rated luminous flux according to IEC 62722-2- 1 (min) (lm)	375 lm
Rated luminous flux according to IEC 62722-2- 1 (max) (lm)	375 lm
Beam angle	Other
Colour of light (alphanumeric)	White
Colour temperature (min) (K)	3000 K
Colour temperature (max) (K)	3000 K
Colour rendering index (CRI/Ra)	80-89
Flickering value Pst LM	1
Stroboscope effect value SVM	0.4
Colour temperature switchable	No
Lumen setting adjustable	No
Beam angle adjustable	No

Lifetime and capacity	
Rated life time L70/B50 at 25 °C (h)	100000 h
Lumen maintenance at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	95 %
Lumen maintenance at median useful life of 100,000 hr at 25 °C ambient (tq)	90 %
Failure rate at median useful life of 50,000 hrs at 25 °C ambient (tq) (%)	5 %
Failure rate at median useful life of 100,000 hrs at 25 °C ambient (tq)	10 %

Measurements	
Width (mm)	150 mm
Height/depth (mm)	1100 mm
Length (mm)	150 mm
Diameter (mm)	150 mm