



OptiSpace

BCB500 LED27-4S/740 ANB14 II A DGR

OPTISPACE BOLLARD - LED module 2700 lm - 740 neutral white - Power supply unit - Safety class II (II) - Asymmetrical - Black

OptiSpace is a creative bollard solution which enables you to build a more attractive, citizen-centric inner-city space by avoiding verticalisation of the urban landscape. OptiSpace delivers all this and more while delivering an attractive TCO for your investment. Enabled by the different control options, you can reduce energy consumption and minimise TCO further. And thanks to the excellent and optimised light distribution options, you can maximise spacing between the bollards, thereby minimising the number of light points needed to be installed. To support different design schemes, OptiSpace is also available in different colours: Philips Ultra Dark Grey is the standard colour and other colours are available on request.

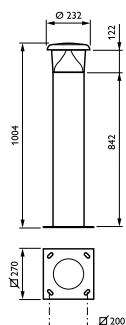
Product data

General information		Flammability mark	F [For mounting on normally flammable surfaces]
Lamp family code	LED27 [LED module 2700 lm]	CE mark	Yes
Lamp colour code	740 neutral white	ENEC mark	ENEC mark
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	Optic type outdoor	Asymmetrical
Driver/power unit/transformer	PSU [Power supply unit]	Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Driver included	Yes	Constant light output	No
Optical cover/lens type	Polycarbonate cover and gloss high-reflective optic	Number of products on MCB (16 A type B)	23
Luminaire light beam spread	7° - 9° x 177°	EU RoHS compliant	Yes
Connection	Flying leads/wires	Light source engine type	LED
Cable	Cable 1.5 m without plug (C1K5)		
Protection class IEC	Safety class II (II)		

Product family code	BCB500 OPTISPACE BOLLARD	Mech. impact protection code	IK10 [20 J vandal-resistant]
Light technical		Surge protection (common/differential)	Luminaire surge protection level up to 6 kV differential mode and 6 kV common mode
Upward light output ratio	0	Sustainability rating	-
Standard tilt angle post-top	0°		
Standard tilt angle side entry	0°		
Operating and electrical		Initial performance (IEC compliant)	
Input Voltage	200-220 V	Initial luminous flux (system flux)	2390 lm
Input frequency	50 to 60 Hz	Luminous flux tolerance	+/-10%
Inrush current	15 A	Initial LED luminaire efficacy	167 lm/W
Inrush time	0.36 ms	Lamp colour temperature	4000 K
Power factor (min.)	0.96	Colour Rendering Index	>70
Controls and dimming		Initial chromaticity	(0,3818; 0,3796) SDCM <3
Dimmable	No	Initial input power	20 W
Mechanical and housing		Power consumption tolerance	+/-10%
Housing material	Aluminium die-cast	Init. colour rendering index tolerance	+/-2
Reflector material	Aluminium		
Optic material	Polymethyl methacrylate		
Optical cover/lens material	UV-stabilised polycarbonate cover		
Fixation material	Steel	Over time performance (IEC compliant)	
Mounting device	42/60A [Universal for diameter 42-60 mm adjustable]	Driver failure rate at 5,000 hours	0.5 %
Optical cover/lens shape	Cylinder/cylindrical	Lumen maintenance at median useful life* L80	
Optical cover/lens finish	Clear	100,000 h	
Overall length	270 mm	Application conditions	
Overall width	270 mm	Ambient temperature range	-40 to +50 °C
Overall height	848 mm	Performance ambient temperature Tq	25 °C
Overall diameter	168 mm		
Effective projected area	0.172 m ²	Product data	
Colour	Black	Full product code	871869948120900
Dimensions (height x width x depth)	848 x 270 x 270 mm	Order product name	BCB500 LED27-4S/740 ANB14 II A DGR
Approval and application		EAN/UPC – product	8718699481209
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]	Order code	912300024103
		SAP numerator – quantity per pack	1
		Numerator – packs per outer box	1
		SAP material	912300024103
		Net Weight (Piece)	16.000 kg



Dimensional drawing



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