PHILIPS Lighting



Copenhagen LED Small

BSS443 GRN59-3S/740 II DSN GR CLO C10K

Little Copenhagen LED suspended, LED GreenLine 5900 lm, 740 neutral white, Safety class II, Distribution symmetrical narrow, Flat glass, Constant light output, Cable 10 m without plug

Copenhagen LED was co-designed together with Copenhagen's Office of City Architecture in order to enhance the aesthetic appeal of the city's lighting. The luminaire's timeless design comes in two sizes – mini and large – to ensure that the dimensions of the luminaire and pole are well balanced, and that the installation blends in harmoniously with its surroundings. A variety of suspensions are available, offering maximum freedom in the overall design of the installation. A choice of symmetrical or asymmetrical distributions and state-of-the-art LED technology complete the specification of an extremely adaptable luminaire.

Product data

General Information	
Lamp family code	GRN59 [LED GreenLine 5900 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	*-Per Lighting Europe guidance paper
	"Evaluating performance of LED based
	luminaires - January 2018": statistically there
	is no relevant difference in lumen
	maintenance between B50 and for example

	B10. Therefore, the median useful life (B50)
	value also represents the B10 value.
Light source engine type	LED
Product family code	BSS443 [Little Copenhagen LED suspended]
Lighting Technology	LED
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable
	surfaces

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ENEC mark	-
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	4,960 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	119 lm/W
Color rendering index (CRI)	≥70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution symmetrical narrow

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	36 W
Average CLO power consumption	41 W
End CLO power consumption	46 W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	41 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug

Number of products on MCB of 16 A type 8

Temperature

Ambient temperature range

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Control interface	-
Constant light output	Yes
Mechanical and Housing	
Reflector material	-

-40 to +50 °C

Optic material

Optical cover material Glass Fixation material Aluminum Housing Color Grey Mounting device Catenary bracket Optical cover shape Flat Optical cover finish Clear Overall height 312 mm Overall diameter 380 mm Effective projected area 0.08 m²

Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
	differential mode and 8 kV common mode
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.382, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful 10 % life 100000 h Lumen maintenance at median useful L100 life* 100000 h

Application Conditions

Performance ambient temperature Tq 25 °C

Product Data

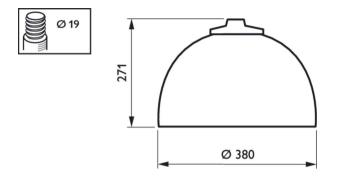
Full product code	871869625436300
Order product name	BSS443 GRN59-3S/740 II DSN GR CLO C10K
Order code	919008632436
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919008632436
Full product name	BSS443 GRN59-3S/740 II DSN GR CLO C10K
EAN/UPC - Case	8718696254363
EAN/UPC - Product/Case	8718696254363

Polycarbonate

в

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Dimensional drawing





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