PHILIPS Lighting



Copenhagen LED Small

BRS443 GRN59-3S/740 II DW GR CLO-DDF6

Little Copenhagen LED side entry, LED GreenLine 5900 lm, 740 neutral white, Safety class II, Distribution wide, Flat glass, Constant light output and DynaDimmer fixed presets version 6

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. * At

	extreme ambient temperatures the luminaire
	might automatically dim down to protect
	components
Light source engine type	LED
Product family code	BRS443 [Little Copenhagen LED side entry]
Lighting Technology	LED
Embedded control	Constant light output and DynaDimmer fixed
	presets version 6
CE mark	Yes
Warranty period	5 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-

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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 wide

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	46 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug

Number of products on MCB of 16 A type 8

в

Temperature

Ambient temperature range

Controls and Dimming Dimmable

Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer and
	constant light output (integrated)
Control interface	-
Constant light output	Yes
Mechanical and Housing	
Mechanical and Housing	

-40 to +50 °C

Reflector material

Optic material

Polycarbonate

Fixation material Al Housing Color Gr Mounting device Si Optical cover shape Fl Optical cover finish Cl Overall height 31 Overall diameter 38 Effective projected area O.	ass uminum rey de-entry for diameter 48 mm at ear 2 mm 30 mm 08 m ²
Housing Color Gi Mounting device Si Optical cover shape Fl Optical cover finish Cl Overall height 31 Overall diameter 38 Effective projected area 0.	rey de-entry for diameter 48 mm at ear 2 mm 30 mm
Mounting device Si Optical cover shape Fl Optical cover finish Cl Overall height 31 Overall diameter 38 Effective projected area 0.	de-entry for diameter 48 mm at ear 2 mm 30 mm
Optical cover shape Fl Optical cover finish Cl Overall height 31 Overall diameter 38 Effective projected area 0.	at ear 2 mm 30 mm
Optical cover finish Cl Overall height 31 Overall diameter 38 Effective projected area 0.	ear 2 mm 30 mm
Overall height 31 Overall diameter 38 Effective projected area 0.	2 mm 30 mm
Overall diameter 38 Effective projected area 0.	30 mm
Effective projected area 0.	
	08 m²
Approval and Application	
Ingress protection code IP	65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	08 [5 J vandal-protected]
Surge Protection (Common/Differential)	iminaire surge protection level until 6 kV
di	fferential mode and 8 kV common mode
Protection class IEC Sa	afety 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	10 %	
useful life 100000 h		
Lumen maintenance at median useful	L100	
life* 100000 h		

Application Conditions

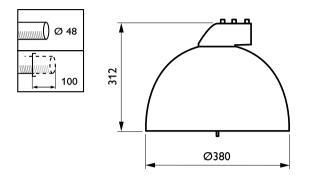
Performance ambient temperature Tq 25 °C

Product Data

Full product code	871829156186600
Order product name	BRS443 GRN59-3S/740 II DW GR CLO-DDF6
Order code	919008632142
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919008632142
Full product name	BRS443 GRN59-3S/740 II DW GR CLO-DDF6
EAN/UPC - Case	8718291561866
EAN/UPC - Product/Case	8718291561866

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Dimensional drawing





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