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]		extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source replaceable	Yes		
Number of gear units	1 unit	Light source engine type	LED
Driver included	Yes	Product family code	BRS443 [Little Copenhagen LED side entry]
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	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 lm
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 B	8

Temperature

Ambient temperature range	–40 to +50 °C

Controls and Dimming

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

Reflector material	–
Optic material	Polycarbonate

Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Side-entry for diameter 48 mm
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 life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L100

Application Conditions

Performance ambient temperature Tq	25 °C

Product Data

Order product name	BRS443 GRN59-3S/740 II DW GR CLO-DDF6
Full product name	BRS443 GRN59-3S/740 II DW GR CLO-DDF6
Full product code	871829156186600
Order code	56186600
Material Nr. (12NC)	919008632142
Numerator – Quantity Per Pack	1
EAN/UPC – Product/Case	8718291561866
Numerator – Packs per outer box	1
EAN/UPC – Case	8718291561866

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Dimensional drawing

Ø 48

100

312

Ø380

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2023, April 30 – data subject to change