PHILIPS Lighting



Copenhagen LED Small

BRS443 GRN48-3S/830 II DC CLO-DDF1 C10K

Little Copenhagen LED side entry, LED GreenLine 4800 lm, 830 warm white, Safety class II, Distribution comfort, Constant light output and DynaDimmer fixed presets version 1, 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	GRN48 [LED GreenLine 4800 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	BRS443 [Little Copenhagen LED side entry]
Lighting Technology	LED
Embedded control	Constant light output and DynaDimmer fixed
	presets version 1
CE mark	Yes
Warranty period	5 years

Copenhagen LED Small

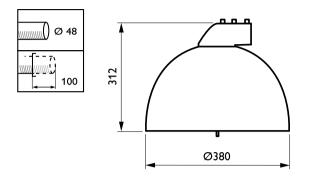
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	Surfaces
EU RoHS compliant	Yes
EO ROHS COmpliant	165
Light Technical	
	0
Upward light output ratio Luminous Flux	4,000 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
	95 lm/W
Luminous Efficacy (rated) (Nom)	≥80
Color rendering index (CRI)	1
Number of light sources	
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread Optic type outdoor	180°
Optic type outdoor	Distribution comfort
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	-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	-

nencetor 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	(0.434, 0.403) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Comp	liant)
Control gear failure rate at median usefu	
life 100000 h	10 /0
Lumen maintenance at median useful	L100
life* 100000 h	LIOU
Application Conditions	
	25 °C
Performance ambient temperature Tq	25 C
Product Data	
Product Data	071020100520500
Full product code	871829198638600
	BRS443 GRN48-3S/830 II DC CLO-DDF1
Full product code Order product name	BRS443 GRN48-35/830 II DC CLO-DDF1 C10K
Full product code Order product name Order code	BRS443 GRN48-3S/830 II DC CLO-DDF1 C10K 919008632219
Full product code Order product name Order code Numerator - Quantity Per Pack	BRS443 GRN48-3S/830 II DC CLO-DDF1 C10K 919008632219 1
Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box	BRS443 GRN48-3S/830 II DC CLO-DDF1 C10K 919008632219 1 1
Full product code Order product name Order code Numerator - Quantity Per Pack Numerator - Packs per outer box Material Nr. (12NC)	BRS443 GRN48-3S/830 II DC CLO-DDF1 C10K 919008632219 1 1 919008632219
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Dimensional drawing





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