



Copenhagen LED Small

BRS443 GRN32-3S/830 II DK GR CLO C10K

Little Copenhagen LED side entry, LED GreenLine 3200 lm, 830 warm white, Safety class II, Distribution wet road (DK), 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	GRN32 [LED GreenLine 3200 lm]	extreme ambient temperatures the luminaire might automatically dim down to protect components
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	
Light source engine type		LED
Product family code		BRS443 [Little Copenhagen LED side entry]
Lighting Technology		LED
Embedded control		Constant light output
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	2,480 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	89 lm/W
Color rendering index (CRI)	≥80
Number of light sources	1
Light source color	830 warm white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution wet road (DK)
Operating and Electrical	
Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	24 W
Average CLO power consumption	28 W
End CLO power consumption	31 W
Inrush current	27 A
Inrush time	0.265 ms
Power Consumption	31 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug
Number of products on MCB of 16 A type B	20
Temperature	
Ambient temperature range	-40 to +50 °C
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	-
Optic material	Polycarbonate

Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Gray
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 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	
Full product code	871829198595200
Order product name	BRS443 GRN32-3S/830 II DK GR CLO C10K
Order code	919008632188
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919008632188
Full product name	BRS443 GRN32-3S/830 II DK GR CLO C10K
EAN/UPC - Case	8718291985952
EAN/UPC - Product/Case	8718291985952

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Dimensional drawing

