PHILIPS Lighting



Copenhagen LED Small

BRS443 GRN16-3S/830 II DW GR CLO-DDF6

Little Copenhagen LED side entry, LED GreenLine 1600 lm, 830 warm 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	GRN16 [LED GreenLine 1600 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	-

Copenhagen LED Small

0
1,400 lumen
0°
0°
3000 K
98 lm/W
≥80
1
830 warm white
Flat glass
180°
Distribution wide

Operating and Electrical

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	12 W
Average CLO power consumption	14 W
End CLO power consumption	16 W
Inrush current	27 A
Inrush time	0.265 ms
Power Consumption	16 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug
Number of products on MCB of 16 A	20
type B	

Temperature

Ambient temperature range

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	-

-40 to +50 °C

Optic material

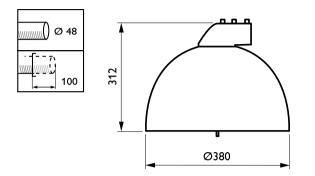
Polycarbonate

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	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	871829108094700	
Order product name	BRS443 GRN16-3S/830 II DW GR CLO-DDF6	
Order code	919008632041	
Numerator - Quantity Per Pack	1	
Numerates. Deales new system k	1	

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919008632041
Full product name	BRS443 GRN16-3S/830 II DW GR CLO-DDF6
EAN/UPC - Case	8718291080947
EAN/UPC - Product/Case	8718291080947

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Dimensional drawing





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