PHILIPS Lighting



Copenhagen LED Small

BRS443 GRN20-3S/740 II O-DW CLO-DDF6

Little Copenhagen LED side entry, LED GreenLine 2000 lm, 740 neutral white, Safety class II, Distribution wide, 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	GRN20 [LED GreenLine 2000 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	1,680 lumen
Standard tilt angle posttop	0°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	83 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	18 W
Average CLO power consumption	18 W
End CLO power consumption	21 W
Inrush current	27 A
Inrush time	0.265 ms
Power Consumption	19 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug

Number of products on MCB of 16 A type 20

в

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

Polycarbonate

Optic material

Optical cover material Glass Fixation material Aluminum Housing Color Opal Side-entry for diameter 48 mm Mounting device Optical cover shape Flat Optical cover finish Clear Overall height 312 mm Overall diameter 380 mm 0.08 m² Effective projected area Approval and Application Ingress protection code IP65 [Dust penetration-protected, jet-proof] IKO8 [5. | vandal-protected] Mech. impact protection code

Mech. Impact protection code	IKU8 [5 J vandal-protected]	
Surge Protection (Common/Differential)	on/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	10 %	
useful life 100000 h		
Lumen maintenance at median useful	L100	
life* 100000 h		

Application Conditions

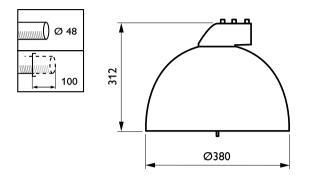
Performance ambient temperature Tq 25 °C

Product Data

Full product code	871829108315300
Order product name	BRS443 GRN20-3S/740 II O-DW CLO-DDF6
Order code	919008632061
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919008632061
Full product name	BRS443 GRN20-3S/740 II O-DW CLO-DDF6
EAN/UPC - Case	8718291083153
EAN/UPC - Product/Case	8718291083153

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Dimensional drawing





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