PHILIPS Lighting



Copenhagen LED Small

BRS443 GRN29-3S/740 II DW CLO C10K

Little Copenhagen LED side entry, LED GreenLine 2900 lm, 740 neutral white, Safety class II, Distribution wide, 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	GRN29 [LED GreenLine 2900 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	
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)	4000 K
Luminous Efficacy (rated) (Nom)	113 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	19 W
Average CLO power consumption	22 W
End CLO power consumption	25 W
Inrush current	27 A
Inrush time	0.265 ms
Power Consumption	22 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug

Number of products on MCB of 16 A type 20

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Temperature

Ambient temperature range

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	-

-40 to +50 °C

Polycarbonate

Optic material

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

Glass

Grey

Aluminum

Mech. Impact protection code	IKU8 [5 J vanual-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 10 % life 100000 h Lumen maintenance at median useful L100 life* 100000 h

Application Conditions

Optical cover material

Fixation material

Housing Color

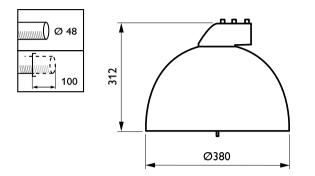
Performance ambient temperature Tq 25 °C

Product Data

Full product code	871829198717800
Order product name	BRS443 GRN29-3S/740 II DW CLO C10K
Order code	919008632289
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919008632289
Full product name	BRS443 GRN29-3S/740 II DW CLO C10K
EAN/UPC - Case	8718291987178
EAN/UPC - Product/Case	8718291987178

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Dimensional drawing





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