PHILIPS Lighting



Copenhagen LED Small

BRS443 GRN40-3S/830 II DK GR CLO-DDF6

Little Copenhagen LED side entry, LED GreenLine 4000 lm, 830 warm white, Safety class II, Distribution wet road (DK), 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	GRN40 [LED GreenLine 4000 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	3,440 lumen
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	97 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	30 W
Average CLO power consumption	35 W
End CLO power consumption	39 W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	39 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug
Number of products on MCB of 16 A	8
type B	

-40 to +50 °C

Polycarbonate

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

Meenameat and me

Reflector material

Optic material

Optical cover material Glass Fixation material Aluminum Housing Color Grey Side-entry for diameter 48 mm Mounting device Flat Optical cover shape 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] IK08 [5 J vandal-protected] Mech. impact protection code 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) • 70/

Luminous flux tolerance	+/-/%
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	10 %	
useful life 100000 h		
Lumen maintenance at median useful	L100	
life* 100000 h		

Application Conditions

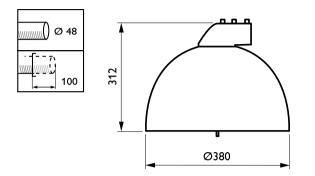
Performance ambient temperature Tq 25 °C

Product Data

Full product code	871829108349800	
Order product name	BRS443 GRN40-3S/830 II DK GR CLO-DDF6	
Order code	919008632071	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	
Material Nr. (12NC)	919008632071	
Full product name	BRS443 GRN40-3S/830 II DK GR CLO-DDF6	
EAN/UPC - Case	8718291083498	
EAN/UPC - Product/Case	8718291083498	

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Dimensional drawing





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