PHILIPS Lighting



Copenhagen LED Small

BRS443 GRN39-3S/740 II DK GR CLO-DDF6

Little Copenhagen LED side entry, LED GreenLine 3900 lm, 740 neutral 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	GRN39 [LED GreenLine 3900 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

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CE mark	Yes	
Warranty period	5 years	
Flammability mark	For mounting on normally flammable surfaces	
ENEC mark	-	
EU RoHS compliant	Yes	
Light Technical		
Upward light output ratio	0	
Luminous Flux	3,280 lm	
Standard tilt angle posttop	0°	
Standard tilt angle side entry	0°	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	115 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 wet road (DK)	

Operating	and	ΕĪ	ectrical
Operating	anu	Ξl	ectricat

Input Voltage	220/240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	25 W
Average CLO power consumption	28 W
End CLO power consumption	32 W
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	32 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

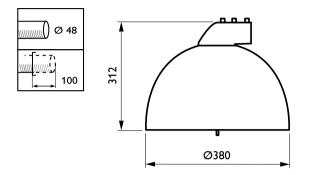
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer and
	constant light output (integrated)
Control interface	-
Constant light output	Yes
Mechanical and Housing	
Reflector material	-

-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	(0.382, 0.380) SDCM <5	
Power consumption tolerance	+/-10%	
Init. Color Rendering Index Tolerance	+/-2	
Over Time Performance (IEC Compl	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		
Order product name	BRS443 GRN39-3S/740 II DK GR CLO-DDF6	
Full product name	BRS443 GRN39-3S/740 II DK GR CLO-DDF6	
Full product code	871829156070800	
Order code	56070800	
Material Nr. (12NC)	919008632018	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291560708	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291560708	
Numerator - Packs per outer box	1	

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Dimensional drawing





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