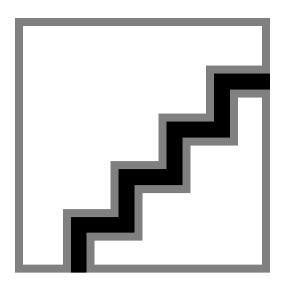
PHILIPS Lighting



Copenhagen LED Big

BRS441 GRN48-3S/830II O-DK CLO-DDF6 C10K

Big Copenhagen LED side entry, LED GreenLine 4800 lm, 830 warm white, Safety class II, Distribution wet road (DK), Constant light output and DynaDimmer fixed presets version 6, 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			might automatically dim down to protect
Lamp family code	GRN48 [LED GreenLine 4800 lm]		components
Light source replaceable	Yes	Light source engine type	LED
Number of gear units	1 unit	Product family code	BRS441 [Big Copenhagen LED side entry]
Driver included	Yes	Lighting Technology	LED
Remarks	*-Per Lighting Europe guidance paper	Embedded control	Constant light output and DynaDimmer fixed
	"Evaluating performance of LED based		presets version 6
	luminaires - January 2018": statistically there	CE mark	Yes
	is no relevant difference in lumen	Warranty period	5 years
	maintenance between B50 and for example	Flammability mark	For mounting on normally flammable surfaces
	B10. Therefore, the median useful life (B50)	ENEC mark	-
	value also represents the B10 value. * At	EU RoHS compliant	Yes
	extreme ambient temperatures the luminaire		

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Operating and Electrical

Initial CLO power consumption

End CLO power consumption

Average CLO power consumption

Input Voltage

Line Frequency

Inrush current

Power Consumption

Power Factor (Fraction)

Inrush time

Connection

0
4,000 lumen
0°
0°
3000 K
97 lm/W
≥80
1
830 warm white
Flat glass
180°
Distribution wet road (DK)

220/240 V

50 to 60 Hz

41 W

46 W

51 W

46 A

0.25 ms

46 W

0.9

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Housing Color	Opal
Mounting device	Side-entry for diameter 48 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall height	367 mm
Overall diameter	462 mm
Effective projected area	0.13 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 Compliant)		
Control gear failure rate at median	10 %	
useful life 100000 h		
Lumen maintenance at median useful	L100	
life* 100000 h		

Application Conditions

EAN/UPC - Product/Case

Performance ambient temperature Tq	25 ℃	
Product Data		
Full product code	871869685911700	
Order product name	BRS441 GRN48-3S/830II O-DK CLO-DDF6	
	С10К	
Order code	919008632535	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	
Material Nr. (12NC)	919008632535	
Full product name	BRS441 GRN48-3S/830II O-DK CLO-DDF6	
	С10К	
EAN/UPC - Case	8718696859117	

8718696859117

Cable	Cable 10 m without plug	
Number of products on MCB of 16 A type	8	
В		
Temperature		
Ambient temperature range	-40 to +50 °C	
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	-	
Optic material	Polycarbonate	
Optical cover material Glass		
Fixation material	Aluminum	

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