



# Copenhagen LED Small

## BSS443 GRN29-3S/740 II DM CLO-DDF1 C10K

Little Copenhagen LED suspended, LED GreenLine 2900 lm, 740 neutral white, Safety class II, Distribution medium, 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 engine type	LED
Light source replaceable	Yes	Product family code	BSS443 [Little Copenhagen LED suspended]
Number of gear units	1 unit	Lighting Technology	LED
Driver included	Yes	CE mark	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.	Warranty period	5 years
		Flammability mark	For mounting on normally flammable surfaces
		ENEC mark	-
		EU RoHS compliant	Yes

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<b>Light Technical</b>	
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
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	180°
Optic type outdoor	Distribution medium
<b>Operating and Electrical</b>	
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	22 A
Inrush time	0.29 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 B	20
<b>Temperature</b>	
Ambient temperature range	-40 to +50 °C
<b>Controls and Dimming</b>	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DynaDimmer and constant light output (integrated)
Control interface	-
Constant light output	Yes
<b>Mechanical and Housing</b>	
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Glass
Fixation material	Aluminum
Housing Color	Grey

Mounting device	Catenary bracket
Optical cover shape	Flat
Optical cover finish	Clear
Overall height	312 mm
Overall diameter	380 mm
Effective projected area	0.08 m²
<b>Approval and Application</b>	
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
<b>Initial Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.382, 0.380) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
<b>Over Time Performance (IEC Compliant)</b>	
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L100
<b>Application Conditions</b>	
Performance ambient temperature Tq	25 °C
<b>Product Data</b>	
Full product code	871869685753300
Order product name	BSS443 GRN29-3S/740 II DM CLO-DDF1 C10K
Order code	919008632472
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919008632472
Full product name	BSS443 GRN29-3S/740 II DM CLO-DDF1 C10K
EAN/UPC - Case	8718696857533
EAN/UPC - Product/Case	8718696857533

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