



# Copenhagen LED Small

#### BRS443 GRN29-3S/740 II DK GR CLO C10K

Little Copenhagen LED side entry, LED GreenLine 2900 lm, 740 neutral white, Safety class II, Distribution wet road (DK), 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	-

Datasheet, 2023, September 4 data subject to change

## Copenhagen LED Small

EII DoUS compliant	Voc
EU RoHS compliant	Yes
Light Technical	
Upward light output ratio	0
Luminous Flux	2,480 lumen
	0°
Standard tilt angle posttop	0°
Standard tilt angle side entry	
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 wet road (DK)
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	25 W
Power Factor (Fraction)	0.9
Connection	-
Cable	Cable 10 m without plug
Number of products on MCB of 16 A typ	<b>e</b> 20
В	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
•	light output
Control interface	<del>-</del>
Constant light output	Yes
Mechanical and Housing	
Reflector material	
Optic material	Polycarbonate
- paramaterial	. organization

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 Comp	<u> </u>
Control gear failure rate at median	10 %
useful life 100000 h	
Lumen maintenance at median useful	L100
life* 100000 h	
Application Conditions	25.06
Performance ambient temperature Tq	25 ℃
Product Data	
Full product code	871829108358000
Order product name	BRS443 GRN29-3S/740 II DK GR CLO C10K
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Numerator - Quantity Per Pack	919008632073 1
Numerator - Quantity Per Pack  Numerator - Packs per outer box	1
	919008632073
Material Nr. (12NC) Full product name	
	BRS443 GRN29-3S/740 II DK GR CLO C10K
EAN/UPC - Case	8718291083580
EAN/UPC - Product/Case	8718291083580

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#### Dimensional drawing





