

Copenhagen LED gen2 small

BRS561 LED24/740 II DN10 GR CLO C10K FQQ

Copenhagen gen2 LED Small - LED Module 2400 lm - LED -
Power supply unit with DALI interface and constant light output
- Distribution narrow 10 - - - Flat glass - - - - Side-entry for
diameter 48 mm

The original Copenhagen luminaire was co-designed with Copenhagen's Office of City Architecture in the 1960s with the aim of enhancing the aesthetic appeal of the city through lighting. This timeless luminaire design comes in two types: Copenhagen City LED Gen2 is for city and residential areas where light comfort is important; Copenhagen LED Gen2 delivers high performance for road lighting applications. The second generation of Copenhagen LED is available in a range of sizes, from mini to mega. This makes it suitable for any type of application while ensuring the dimensions of the luminaire and pole are well balanced, so every installation blends harmoniously into its surroundings. Various suspensions are available, allowing a variety of mounting options to provide maximum freedom during installation. Thanks to the built in Philips LEDGINE-O engine, and the wide range of application-tailored optics, Copenhagen LED luminaires deliver the right amount of light and in the right direction on your street, enabling important energy savings. The luminaire is available with one or two Zhaga-D4i (ZD4i) System Ready (SR) sockets, which makes the luminaire future ready. This means Copenhagen LED Gen2 is ready to pair with advanced control and lighting software applications such as Interact, or sensors such as the Philips Outdoor Sensor Bundle (OSB). And because the top SR socket is integrated into the canopy, it has no impact on the beautiful, clean design of the luminaire. Furthermore, every Copenhagen LED Gen2 BPS559, BRS561, BRS562 and BRS563 luminaire is uniquely identifiable, thanks to the Signify Service tag app. By simply scanning a QR code, placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire. This makes maintenance and programming operations faster and easier and enables you to create a digital library of lighting assets and spare parts.

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Product data

General information	
Lamp family code	LED24 [LED Module 2400 lm]
Light source color	740 neutral white
Light source replaceable	Yes
Number of gear units	1 unit
Driver/power unit/transformer	Power supply unit with DALI interface and constant light output
Driver included	Yes
Optical element	-
Optical cover/lens type	Flat glass
Luminaire light beam spread	-
Control interface	-
Connection	-
Cable	Cable 10 m without plug
Protection class IEC	Safety class II
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	5 years
Optic type outdoor	Distribution narrow 10
Constant light output	Yes
Number of products on MCB of 16 A type B	26
EU RoHS compliant	Yes
Light source engine type	LED
Product family code	BRS561 [Copenhagen gen2 LED Small]
Light technical	
Upward light output ratio	0
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Operating and electrical	
Input Voltage	220/240 V
Input Frequency	50 to 60 Hz
Initial CLO power consumption	14.8 W
Average CLO power consumption	14.8 W
End CLO power consumption	15 W
Inrush current	21 A
Inrush time	0.225 ms
Power Factor (Min)	0.93
Controls and dimming	
Dimmable	Yes
Mechanical and housing	
Housing Material	Polyethylene
Reflector material	-
Optic material	Polymethyl methacrylate

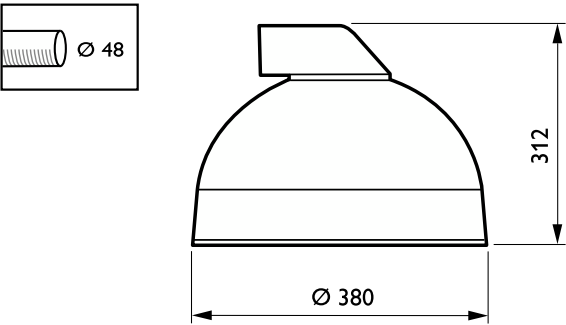
Optical cover/lens material	Glass
Fixation material	Aluminum
Mounting device	Side-entry for diameter 48 mm
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall height	312 mm
Overall diameter	380 mm
Effective projected area	0.08 m²
Color	Gray
Dimensions (Height x Width x Depth)	312 x NaN x NaN mm
Approval and application	
Ingress protection code	IP66 [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 6 kV common mode
Sustainability rating	-
Initial performance (IEC compliant)	
Initial luminous flux (system flux)	2088 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	141 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	≥70
Initial chromaticity	(0.3818, 0.3796) SDCM <5
Initial input power	14.8 W
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over time performance (IEC compliant)	
Control gear failure rate at median useful life	10 %
100000 h	
Lumen maintenance at median useful life*	L100
100000 h	
Application conditions	
Ambient temperature range	-30 to +25 °C
Performance ambient temperature Tq	25 °C
Product data	
Full product code	871951413563500
Order product name	BRS561 LED24/740 II DN10 GR CLO C10K FQQ
EAN/UPC - Product	8719514135635
Order code	919008635240
Numerator - Quantity Per Pack	1

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Numerator - Packs per outer box	1
Material Nr. (12NC)	919008635240
Net Weight (Piece)	5.400 kg

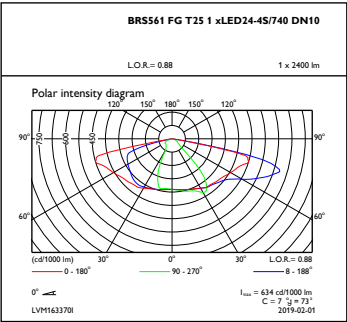


Dimensional drawing

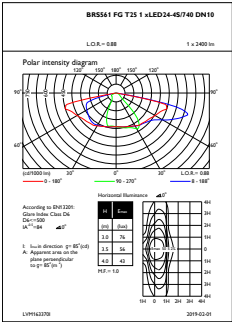


BR5561 LED24/740 II DN10 GR CLO C10K FQQ

Photometric data



OFPC1_BR5561FGT251xLED24-4S740DN10



OFPL1_BR5561FGT251xLED24-4S740DN10

