



Copenhagen gen2 LED small - timeless design and future- ready technology

Copenhagen gen2 LED small

Copenhagen LED gen2 Small was co-designed with the Copenhagen's Office of City Architecture in the 1960s with the purpose of enhancing the aesthetic appeal of the city through lighting. The luminaire with the timeless design comes in small size to ensure that the dimensions of the luminaire and pole are well balanced, and that the installation blends harmoniously into its surroundings. A variety of suspensions are available, enabling a variety of mounting options and providing maximum freedom during installation. Thanks to the built-in Philips Ledgine optimized LED platform, and the wide range of available application-tailored optics, Copenhagen gen2 LED small delivers the right amount of light and in the right direction on your street, enabling further energy savings. The luminaire comes with one or two Philips SR (System Ready) sockets, which makes the luminaire future-ready. What this means is that Copenhagen City LED gen2 is ready to be paired with both standalone and advanced control and lighting software applications such as Interact City from Signify. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door or directly on the luminaire, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, and enabling you to create your digital library of lighting assets and spare parts.

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Benefits

- Comfortable lighting, aesthetically appealing design, and easy servicing
- Offering new possibilities for city branding via static and dynamic uplight options
- Wide application coverage addressing needs and requirements of roads and streets with different geometries
- Ease of serviceability thanks and ready to be paired with standalone lighting controls and software applications such as Interact City from Signify

Features

- Freedom of installation: side entry, catenary, or central
- Large choice of different beams and internal louvers to ensure minimized glare
- Pleasant design: enabled by a round LED platform following the round shape of the luminaire using Philips Ledgine LED platform and offers a wide range of available optics
- Option of creating static and dynamic uplight
- Ready to be paired with controls, by being equipped with the SR (System Ready) socket
- Easy luminaire is uniquely identifiable thanks to the Philips Service tag

Application

- Traffic roads
- Urban and residential areas
- Cycle paths, footpaths, pedestrian crossings
- Car parks

Specifications

Ambient Temperature	-40 to +50 °C
Beam spread luminaire	-
Main color of the Luminaire	White
Connection	- (-)
Dimming	Yes
Driver	Power supply unit with DynaDimmer and constant light output (integrated) (Power supply unit with DynaDimmer and constant light output (integrated))
Driver failure rate at 5000 h in %	0.01 %
Initial correlated color temperature	3000 K
Initial input power	25, 35 W
Initial LED luminaire efficacy	115, 120 lm/W

Initial luminous flux	2640, 3960 lm
Input frequency	50 to 60 Hz
Input voltage	220/240 V
Inrush current (A)	21, 47 A
Light source color	830 warm white
Light source replaceable	Yes
Optic	Distribution medium 50
Optical cover	Polymethyl methacrylate
Surge protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
Type	BRS561
Warranty period	5 years

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Versions



Copenhagen2 Small - LED module
3200 lm - LED - Power supply unit
with DynaDimmer and constant
light output (integrated) -
Distribution medium 50 - Flat
glass - - - - Side-entry for
diameter 48 mm



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Product details



Small Copenhagen LED gen2 and
Copenhagen City LED gen2 Top
System Ready socket location



Small Copenhagen LED gen2 and
Copenhagen City LED gen2
CityTouch node location

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Application Conditions

Maximum dim level	50%
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Approval and Application

Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
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Controls and Dimming

Dimmable	Yes
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General Information

Luminaire light beam spread	-
CE mark	CE mark
Light source color	830 warm white
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit
Optic type	Distribution medium 50
Product Family Code	BRS561

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	3000 K
Init. Color Rendering Index	≥80

Light Technical

Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Upward light output ratio	0.03

Mechanical and Housing

Color	White
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Approval and Application

Order Code	Full Product Name	Mech. impact protection code
919008633835	BRS561 LED32/830 II GL-DM50 SRTB C10K	IK07
919008633837	BRS561LED32/830 II GL-DM50 CLOLS850 C10K	IK08
919008633838	BRS561 LED48/830II GL-DM50 CLOLS850 C10K	IK08

General Information

Order Code	Full Product Name	Lamp family code
919008633835	BRS561 LED32/830 II GL-DM50 SRTB C10K	LED32
919008633837	BRS561LED32/830 II GL-DM50 CLOLS850 C10K	LED32

Order Code	Full Product Name	Lamp family code
919008633838	BRS561 LED48/830II GL-DM50 CLOLS850 C10K	LED48

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
919008633835	BRS561 LED32/830 II GL-DM50 SRTB C10K	2640 lm
919008633837	BRS561LED32/830 II GL-DM50 CLOLS850 C10K	2640 lm

Order Code	Full Product Name	Initial luminous flux
919008633838	BRS561 LED48/830II GL-DM50 CLOLS850 C10K	3960 lm

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