



Copenhagen City LED gen2 - comfortable future- ready light for your city

Copenhagen City gen2 LED small

The original Copenhagen luminaire 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 latest generation of the Copenhagen City LED offers fully balanced, comfortable lighting effects with minimum glare, enabled by a round LED engine, which follows the shape of the luminaire. The opal canopy option provides further possibilities to enhance the lighting impact and provides new options for city branding as it can be used to create both static and dynamic uplight. The luminaire comes with a variety of suspensions and optics, offering maximum freedom in designing lighting for city center and residential area applications. 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.

Benefits

- Comfortable lighting and aesthetically appealing design
- Offering new possibilities for city branding via static and dynamic uplight options
- Ease of serviceability and ready to be paired with standalone lighting controls and software applications such as Interact City from Signify

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Features

- Minimized glare effect
- Pleasant design enabled by a round LED platform following the round shape of the luminaire
- Wide range of optics enabled by the Philips Ledgine LED
- 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

- Urban and residential streets
- City centers and squares
- Cycle paths, footpaths, pedestrian crossings
- Car parks

Specifications

Ambient Temperature	-40 to +25 °C
Beam spread luminaire	-
Main color of the Luminaire	Gray, white
Connection	- (-)
Dimming	Yes
Driver	Power supply unit with DALI and SystemReady interface (Power supply unit with DALI and SystemReady interface) 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	23.5 W, 24 W, 31.5 W, 36.5 W
Initial LED luminaire efficacy	100, 104, 111, 113 lm/W
Initial luminous flux	2436 lm, 2670 lm, 3154 lm, 4116 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 wet road (DK), metronomis distribution wide
Optical cover	Polymethyl methacrylate
Surge protection	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
Type	BRS761

Versions



Copenhagen City2 - Small - LED module 3000 lm - LED - 830 warm white - Power supply unit with DynaDimmer and constant light output (integrated) - 220/240 V - 50 to 60 Hz - Safety class II - Distribution wet road (DK) - Flat glass - White - Luminaire surge protection level until 6 kV differential mode and 6 kV common mode - Cable 10 m without plug - 25 °C - 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 City LED gen2 glass serigraphy



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



Small Copenhagen City LED gen2 canopy and glass flush transition



Small Copenhagen City LED gen2 glass serigraphy

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Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode

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
Product Family Code	BRS761

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

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Order Code	Full Product Name	Driver failure rate at 5000 h
919008633846	BRS761 LED30/830 II GL-DK SRTB C10K	0.01 %
919008633848	BRS761 LED30/830II GL-MDW CLOLS850 C10K	0.01 %
919008633849	BRS761 LED50/830 II GL-MDW CLOLS850 C10K	0.01 %
919008634898	BRS761LED40/830II GL-MDW CLOLS850 C10K	-
919008635353	BRS761 LED40/830 II GR MDW CLOLS850 C10K	-

Application Conditions

Order Code	Full Product Name	Maximum dim level
919008633846	BRS761 LED30/830 II GL-DK SRTB C10K	50%
919008633848	BRS761 LED30/830II GL-MDW CLOLS850 C10K	50%
919008633849	BRS761 LED50/830 II GL-MDW CLOLS850 C10K	50%

Order Code	Full Product Name	Maximum dim level
919008634898	BRS761LED40/830II GL-MDW CLOLS850 C10K	-
919008635353	BRS761 LED40/830 II GR MDW CLOLS850 C10K	-

General Information

Order Code	Full Product Name	Lamp family code	Optic type
919008633846	BRS761 LED30/830 II GL-DK SRTB C10K	LED30	Distribution wet road (DK)
919008633848	BRS761 LED30/830II GL-MDW CLOLS850 C10K	LED30	Metronomis distribution wide
919008633849	BRS761 LED50/830 II GL-MDW CLOLS850 C10K	LED50	Metronomis distribution wide

Order Code	Full Product Name	Lamp family code	Optic type
919008634898	BRS761LED40/830II GL-MDW CLOLS850 C10K	LED40	Metronomis distribution wide
919008635353	BRS761 LED40/830 II GR MDW CLOLS850 C10K	LED40	Metronomis distribution wide

Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Initial luminous flux
919008633846	BRS761 LED30/830 II GL-DK SRTB C10K	2670 lm
919008633848	BRS761 LED30/830II GL-MDW CLOLS850 C10K	2436 lm
919008633849	BRS761 LED50/830 II GL-MDW CLOLS850 C10K	4116 lm

Order Code	Full Product Name	Initial luminous flux
919008634898	BRS761LED40/830II GL-MDW CLOLS850 C10K	3154 lm
919008635353	BRS761 LED40/830 II GR MDW CLOLS850 C10K	3154 lm

Mechanical and Housing

Order Code	Full Product Name	Color
919008633846	BRS761 LED30/830 II GL-DK SRTB C10K	White
919008633848	BRS761 LED30/830II GL-MDW CLOLS850 C10K	White
919008633849	BRS761 LED50/830 II GL-MDW CLOLS850 C10K	White

Order Code	Full Product Name	Color
919008634898	BRS761LED40/830II GL-MDW CLOLS850 C10K	White
919008635353	BRS761 LED40/830 II GR MDW CLOLS850 C10K	Gray

