



# 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

<b>Ambient Temperature</b>	-40 to +50 °C
<b>Beam spread luminaire</b>	-
<b>Main color of the Luminaire</b>	White
<b>Connection</b>	- (-)
<b>Dimming</b>	Yes
<b>Driver</b>	Power supply unit with DynaDimmer and constant light output (integrated) (Power supply unit with DynaDimmer and constant light output (integrated))
<b>Driver failure rate at 5000 h in %</b>	0.01 %
<b>Initial correlated color temperature</b>	3000 K
<b>Initial input power</b>	25, 38 W

<b>Initial LED luminaire efficacy</b>	99, 105, 110 lm/W
<b>Initial luminous flux</b>	2324, 2464, 3948 lm
<b>Input frequency</b>	50 to 60 Hz
<b>Input voltage</b>	220/240 V
<b>Inrush current (A)</b>	21, 47 A
<b>Light source color</b>	830 warm white
<b>Light source replaceable</b>	Yes
<b>Optic</b>	Distribution wet road (DK), metronomis distribution wide
<b>Optical cover</b>	Polymethyl methacrylate
<b>Surge protection</b>	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
<b>Type</b>	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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## 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
ENEC mark	ENEC mark
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	0.03

## Mechanical and Housing

Color	White
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## Approval and Application

Order Code	Full Product Name	Mech. impact protection code
919008633846	BRS761 LED30/830 II GL-DK SRT SRB C10K	IK07
919008633848	BRS761 LED30/830II GL-MDW CLO-LS8-50C10K	IK08
919008633849	BRS761 LED50/830II GL-MDW CLO-LS8-50C10K	IK08

## General Information

Order Code	Full Product Name	Lamp family code	Optic type
919008633846	BRS761 LED30/830 II GL-DK SRT SRB C10K	LED30	Distribution wet road (DK)
919008633848	BRS761 LED30/830II GL-MDW CLO-LS8-50C10K	LED30	Metronomis distribution wide

Order Code	Full Product Name	Lamp family code	Optic type
919008633849	BRS761 LED50/830II GL-MDW CLO-LS8-50C10K	LED50	Metronomis distribution wide

## Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial luminous flux
919008633846	BRS761 LED30/830 II GL-DK SRT SRB C10K	2464 lm
919008633848	BRS761 LED30/830II GL-MDW CLO-LS8-50C10K	2324 lm

Order Code	Full Product Name	Initial luminous flux
919008633849	BRS761 LED50/830II GL-MDW CLO-LS8-50C10K	3948 lm

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