



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

Copenhagen LED gen2 mini

Copenhagen LED gen2 mini 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 mini size to ensure that the dimensions of the luminaire and pole are well balanced, and that the installation blends harmoniously into its surroundings. Thanks to the built-in Philips Ledgine optimized LED platform, and the wide range of available application-tailored optics, Copenhagen LED gen2 mini 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 (SR) sockets, which makes the luminaire future-ready. What this means is that Copenhagen LED gen2 mini 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 and spare parts, making maintenance and programming operations faster and easier, and enabling you to create your digital library of lighting assets.

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Benefits

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

Features

- Freedom of installation: post-top or central
- Large choice of different beams and internal louvers to ensure minimized glare
- Pleasant design luminaire using Philips Ledgine LED platform and offering a wide range of available optics
- Ready to be paired with controls, by being equipped with the System Ready (SR) socket
- Each luminaire is uniquely identifiable thanks to the Philips Service Tag application

Application

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

Versions



Copenhagen LED gen2 Mini - LED
Module, system flux 1500 lm - LED



Copenhagen LED gen2 Mini - LED
Module, system flux 1500 lm - LED



Copenhagen LED gen2 Mini - LED
Module 2000 lm - LED - Power
supply unit regulating with
constant light output - Distribution
medium 10 - Flat glass - - - - -
Pole-mounting bracket diameter
60 mm



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Product details



Copenhagen LED gen2 mini
BPS559



Copenhagen LED gen2 mini
BPS559 driver maintenance and
top socket



Copenhagen LED gen2 mini
BPS559 serigraphy detail



Copenhagen LED gen2 mini
BPS559 LED20 and bottom socket



Copenhagen LED gen2 mini
BPS559 bracket



Copenhagen LED gen2 mini
BDS559



Copenhagen LED gen2 mini
BDS559 driver maintenance

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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
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	-
Light source replaceable	Yes
Number of gear units	1 unit

Light Technical

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

Application Conditions

Order Code	Full Product Name	Maximum dim level
919008634903	BPS559 LED15/830II GL-DM31 CLOSRTBC4K60P	0% (digital)
919008634909	BPS559 LED15/727II GL-DM31 CLOSRTBC4K60P	0% (digital)
919008634916	BPS559 LED15/722II DM31 CLO SRTB C4K 60P	0% (digital)
919008634905	BDS559 LED15/830 II GL-DS50 CLO C4K	Not applicable
919008635355	BPS559 LED20/830IIGRDM10 CLOLS850 C4K60P	-
919008635356	BPS559 LED20/830IIGLDM10 CLOLS850 C4K60P	-

General Information (1/2)

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008634903	BPS559 LED15/830II GL-DM31 CLOSRTBC4K60P	830 warm white	LED15	Distribution medium 31	BPS559
919008634909	BPS559 LED15/727II GL-DM31 CLOSRTBC4K60P	727 warm white	LED15	Distribution medium 31	BPS559
919008634916	BPS559 LED15/722II DM31 CLO SRTB C4K 60P	722 warm white	LED15	Distribution medium 31	BPS559

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008634905	BDS559 LED15/830 II GL-DS50 CLO C4K	830 warm white	LED15	Distribution symmetrical 50	BDS559
919008635355	BPS559 LED20/830IIGRDM10 CLOLS850 C4K60P	830 warm white	LED20	Distribution medium 10	BPS559
919008635356	BPS559 LED20/830IIGLDM10 CLOLS850 C4K60P	830 warm white	LED20	Distribution medium 10	BPS559

General Information (2/2)

Order Code	Full Product Name	Service tag
919008634903	BPS559 LED15/830II GL-DM31 CLOSRTBC4K60P	Yes
919008634909	BPS559 LED15/727II GL-DM31 CLOSRTBC4K60P	Yes
919008634916	BPS559 LED15/722II DM31 CLO SRTB C4K 60P	Yes

Order Code	Full Product Name	Service tag
919008634905	BDS559 LED15/830 II GL-DS50 CLO C4K	Yes
919008635355	BPS559 LED20/830IIGRDM10 CLOLS850 C4K60P	-
919008635356	BPS559 LED20/830IIGLDM10 CLOLS850 C4K60P	-

Initial Performance (IEC Compliant)

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Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008634903	BPS559 LED15/830II GL-DM31 CLOSRTBC4K60P	3000 K	>80	1276 lm
919008634909	BPS559 LED15/727II GL-DM31 CLOSRTBC4K60P	2700 K	>70	1276 lm
919008634916	BPS559 LED15/722II DM31 CLO SRTB C4K 60P	2200 K	>70	1276 lm
919008634905	BDS559 LED15/830 II GL-DS50 CLO C4K	3000 K	>80	1247 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008635355	BPS559 LED20/830IIGRDM10 CLOLS850 C4K60P	3000 K	>80	1634 lm
919008635356	BPS559 LED20/830IIGLDM10 CLOLS850 C4K60P	3000 K	>80	1634 lm

Mechanical and Housing

Order Code	Full Product Name	Color
919008634903	BPS559 LED15/830II GL-DM31 CLOSRTBC4K60P	White
919008634909	BPS559 LED15/727II GL-DM31 CLOSRTBC4K60P	White
919008634916	BPS559 LED15/722II DM31 CLO SRTB C4K 60P	Gray

Order Code	Full Product Name	Color
919008634905	BDS559 LED15/830 II GL-DS50 CLO C4K	White
919008635355	BPS559 LED20/830IIGRDM10 CLOLS850 C4K60P	Gray
919008635356	BPS559 LED20/830IIGLDM10 CLOLS850 C4K60P	White

