



# Copenhagen gen2 LED large and mega - timeless design and future-ready technology

## Copenhagen LED gen2 large & mega

Copenhagen LED gen2 large and mega were 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 large and mega 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 large and mega delivers the right amount 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 LED gen2 large and mega are 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.

# Copenhagen LED gen2 large & mega

## 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 different beams and different internal louvers
- 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

- Motorways, inter-urban main roads, boulevards and avenues, roundabouts, pedestrian crossings
- Residential streets, side streets
- Car parks

## Versions



Copenhagen2 Large - LED module  
5600 lm - LED - Power supply unit  
with DynaDimmer and constant  
light output (integrated) -  
Distribution medium 50 - Flat  
glass - - - - Side-entry for  
diameter 48 mm



Copenhagen2 Large - LED module  
5600 lm - LED - Power supply unit  
with DynaDimmer and constant  
light output (integrated) -  
Distribution medium 50 - Flat  
glass - - - - Side-entry for  
diameter 48 mm



Copenhagen2 Large - LED module  
8000 lm - LED - Power supply  
unit with DynaDimmer and  
constant light output (integrated) -  
Distribution medium 50 - Flat  
glass - - - - Side-entry for  
diameter 48 mm



Copenhagen2 Large - LED module  
17000 lm - LED - Power supply  
unit with DynaDimmer and  
constant light output (integrated) -  
Distribution medium 50 - Flat  
glass - - - - Suspension set  
simple, standard

# Copenhagen LED gen2 large & mega

## Versions



Copenhagen2 Large - LED module  
17000 lm - LED - Power supply unit with DynaDimmer and constant light output (integrated) - Distribution medium 50 - Flat glass - - - - Suspension set simple, standard



Copenhagen LED gen2 mega - LED module 10000 lm - LED - Power supply unit with DynaDimmer and constant light output (integrated) - Distribution medium 50 - Flat glass - - - - Suspension set simple, standard



Copenhagen LED gen2 mega - LED module 23000 lm - LED - Power supply unit with DynaDimmer and constant light output (integrated) - Distribution medium 50 - Flat glass - - - - Suspension set simple, standard



Copenhagen LED gen2 mega - LED module 31000 lm - LED - Power supply unit with DynaDimmer and constant light output (integrated) - Distribution medium 50 - Flat glass - - - - Suspension set simple, standard

### 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
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
919008634395	BRS562 LED56/830IIGLDM50CLO-LS850 SRTB	-
919008634809	BRS562 LED80/727II GL-DM31 CLO SRTB C10K	-
919008634810	BRS562 LED80/722 II DM31 CLO SRTB C10K	-
919008634396	BRS562 LED56/830IIGLDM50 CLO-LS850 C10K	-
919008634397	BRS562 LED80/830II DM50 GR CLOLS850 C10K	-
919008634939	BRS562 LED58/740 II DM11 GR CLO C10K FQQ	-
919008634398	BDS562 LED170/830IIGL-DM50 CLO-LS850C10K	50%
919008634399	BSS562LED170/830IIGL-DM50CLO-LS850SRTB	50%
919008634404	BDS563 LED100/830II GL-DM50CLOLS850 C10K	-
919008634811	BRS563 LED140/727II GL-DM31 SRTB 60SC10K	-
919008634812	BRS563 LED140/722 II DM31 SRTB 60S C10K	-
919008634405	BSS563LED230/830II GL-DM50 CLOLS850 SRTB	-
919008634406	BSS563 LED300/830IIGL-DM50 CLO-LS850C10K	-

## Approval and Application

## Copenhagen LED gen2 large & mega

Order Code	Full Product Name	Mech. impact protection code
919008634395	BRS562 LED56/830IIGLDM50CLO-LS850 SRTB	IK07
919008634809	BRS562 LED80/727II GL-DM31 CLO SRTB C10K	IK07
919008634810	BRS562 LED80/722 II DM31 CLO SRTB C10K	IK07
919008634396	BRS562 LED56/830IIGLDM50 CLO-LS850 C10K	IK07
919008634397	BRS562 LED80/830II DM50 GR CLOLS850 C10K	IK07
919008634939	BRS562 LED58/740 II DM11 GR CLO C10K FQQ	IK07
919008634398	BDS562 LED170/830IIGL-DM50 CLO-LS850C10K	IK07

Order Code	Full Product Name	Mech. impact protection code
919008634399	BSS562LED170/830IIGL-DM50CLO-LS850SRTB	IK07
919008634404	BDS563 LED100/830II GL-DM50CLOLS850 C10K	IK08
919008634811	BRS563 LED140/727II GL-DM31 SRTB 60SC10K	IK08
919008634812	BRS563 LED140/722 II DM31 SRTB 60S C10K	IK08
919008634405	BSS563LED230/830II GL-DM50 CLOLS850 SRTB	IK08
919008634406	BSS563 LED300/830IIGL-DM50 CLO-LS850C10K	IK08

### General Information (1/2)

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Optical element
919008634395	BRS562 LED56/830IIGLDM50CLO-LS850 SRTB	830 warm white	LED56	Distribution medium 50	-
919008634809	BRS562 LED80/727II GL-DM31 CLO SRTB C10K	727 warm white	LED80	Distribution medium 31	-
919008634810	BRS562 LED80/722 II DM31 CLO SRTB C10K	722 warm white	LED80	Distribution medium 31	-
919008634396	BRS562 LED56/830IIGLDM50 CLO-LS850 C10K	830 warm white	LED56	Distribution medium 50	-
919008634397	BRS562 LED80/830II DM50 GR CLOLS850 C10K	830 warm white	LED80	Distribution medium 50	-
919008634939	BRS562 LED58/740 II DM11 GR CLO C10K FQQ	740 neutral white	LED58	Distribution medium 11	-
919008634398	BDS562 LED170/830IIGL-DM50 CLO-LS850C10K	830 warm white	LED170	Distribution medium 50	-

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Optical element
919008634399	BSS562LED170/830IIGL-DM50CLO-LS850SRTB	830 warm white	LED170	Distribution medium 50	-
919008634404	BDS563 LED100/830II GL-DM50CLOLS850 C10K	830 warm white	LED100	Distribution medium 50	-
919008634811	BRS563 LED140/727II GL-DM31 SRTB 60SC10K	727 warm white	LED140	Distribution medium 31	-
919008634812	BRS563 LED140/722 II DM31 SRTB 60S C10K	722 warm white	LED140	Distribution medium 31	-
919008634405	BSS563LED230/830II GL-DM50 CLOLS850 SRTB	830 warm white	LED230	Distribution medium 50	-
919008634406	BSS563 LED300/830IIGL-DM50 CLO-LS850C10K	830 warm white	LED300	Distribution medium 50	-

### General Information (2/2)

Order Code	Full Product Name	Product Family Code
919008634395	BRS562 LED56/830IIGLDM50CLO-LS850 SRTB	BRS562
919008634809	BRS562 LED80/727II GL-DM31 CLO SRTB C10K	BRS562
919008634810	BRS562 LED80/722 II DM31 CLO SRTB C10K	BRS562
919008634396	BRS562 LED56/830IIGLDM50 CLO-LS850 C10K	BRS562
919008634397	BRS562 LED80/830II DM50 GR CLOLS850 C10K	BRS562
919008634939	BRS562 LED58/740 II DM11 GR CLO C10K FQQ	BRS562
919008634398	BDS562 LED170/830IIGL-DM50 CLO-LS850C10K	BDS562

Order Code	Full Product Name	Product Family Code
919008634399	BSS562LED170/830IIGL-DM50CLO-LS850SRTB	BSS562
919008634404	BDS563 LED100/830II GL-DM50CLOLS850 C10K	BDS563
919008634811	BRS563 LED140/727II GL-DM31 SRTB 60SC10K	BRS563
919008634812	BRS563 LED140/722 II DM31 SRTB 60S C10K	BRS563
919008634405	BSS563LED230/830II GL-DM50 CLOLS850 SRTB	BSS563
919008634406	BSS563 LED300/830IIGL-DM50 CLO-LS850C10K	BSS563

### Initial Performance (IEC Compliant)

## Copenhagen LED gen2 large & mega

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008634395	BRS562 LED56/830IIGLDM50CLO-LS850 SRTB	3000 K	≥80	4752 lm
919008634809	BRS562 LED80/727II GL-DM31 CLO SRTB C10K	2700 K	≥70	6786 lm
919008634810	BRS562 LED80/722 II DM31 CLO SRTB C10K	2200 K	≥70	6786 lm
919008634396	BRS562 LED56/830IIGLDM50 CLO-LS850 C10K	3000 K	≥80	4752 lm
919008634397	BRS562 LED80/830II DM50 GR CLOLS850 C10K	3000 K	≥80	6786 lm
919008634939	BRS562 LED58/740 II DM11 GR CLO C10K FQQ	4000 K	≥70	5046 lm
919008634398	BDS562 LED170/830IIGL-DM50 CLO-LS850C10K	3000 K	≥80	13760 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008634399	BSS562LED170/830IIGL-DM50CLO-LS850SRTB	3000 K	≥80	13440 lm
919008634404	BDS563 LED100/830II GL-DM50CLOLS850 C10K	3000 K	≥80	8624 lm
919008634811	BRS563 LED140/727II GL-DM31 SRTB 60SC10K	2700 K	≥70	12040 lm
919008634812	BRS563 LED140/722 II DM31 SRTB 60S C10K	2200 K	≥70	12180 lm
919008634405	BSS563LED230/830II GL-DM50 CLOLS850 SRTB	3000 K	≥80	18920 lm
919008634406	BSS563 LED300/830IIGL-DM50 CLO-LS850C10K	3000 K	≥80	24360 lm

### Mechanical and Housing

Order Code	Full Product Name	Color
919008634395	BRS562 LED56/830IIGLDM50CLO-LS850 SRTB	White
919008634809	BRS562 LED80/727II GL-DM31 CLO SRTB C10K	White
919008634810	BRS562 LED80/722 II DM31 CLO SRTB C10K	Gray
919008634396	BRS562 LED56/830IIGLDM50 CLO-LS850 C10K	White
919008634397	BRS562 LED80/830II DM50 GR CLOLS850 C10K	Gray
919008634939	BRS562 LED58/740 II DM11 GR CLO C10K FQQ	Gray
919008634398	BDS562 LED170/830IIGL-DM50 CLO-LS850C10K	White

Order Code	Full Product Name	Color
919008634399	BSS562LED170/830IIGL-DM50CLO-LS850SRTB	White
919008634404	BDS563 LED100/830II GL-DM50CLOLS850 C10K	White
919008634811	BRS563 LED140/727II GL-DM31 SRTB 60SC10K	white
919008634812	BRS563 LED140/722 II DM31 SRTB 60S C10K	Gray
919008634405	BSS563LED230/830II GL-DM50 CLOLS850 SRTB	White
919008634406	BSS563 LED300/830IIGL-DM50 CLO-LS850C10K	White

