



# Copenhagen City Comfort LED large: designed to ensure the highest comfort in inner city environments

## Copenhagen City Comfort LED large

The original Copenhagen luminaire was co-designed with Copenhagen's Office of City Architecture in the 1960s. This timeless luminaire design comes in three types: Copenhagen LED gen2, which delivers high performance for road lighting applications; Copenhagen City LED gen2, which is for city and residential areas where balanced light comfort and cohesive design language are appreciated; Copenhagen City Comfort LED, which caters to the needs of sensitive inner-city areas with high demand for spill light control and high comfort. The Copenhagen City Comfort LED version (BRS862) is ideal for inner-city and residential environments where very high lighting comfort is needed. The solution creates a pleasant and comfortable atmosphere for residents. The Copenhagen City Xtra Comfort LED version (BRS962) takes it a step further, providing even more spill light control in extra sensitive areas. This means that residents in these areas can enjoy the benefits of functional lighting without being bothered by excessive light pollution. Overall, Copenhagen City Comfort LED and Xtra Comfort LED options contribute to a more livable city. Thanks to the built-in LEDGINE-O engine and the wide range of application-tailored optics, Copenhagen City Comfort LED luminaires deliver the right amount of light and in the right direction on your street, enabling important energy savings and reducing light pollution in the surrounding areas. The luminaire is available with one or two Zhaga-D4i (ZD4i) system-ready sockets, which makes the luminaire future-ready, ready to pair with advanced control and lighting

# Copenhagen City Comfort LED large

software applications such as Interact. Due to the plastic material usage, the top socket can be integrated into the canopy without impacting the clean design of the luminaire. Furthermore, every Copenhagen City Comfort LED luminaire is uniquely identifiable thanks to the Signify Service tag app. By simply scanning a QR code placed inside the door of the mast or directly on the luminaire, you can instantly access the configuration of the luminaire.

## Benefits

- Pleasant and comfortable atmosphere for residents by offering very high optical comfort without glare
- Reduced amount of light pollution through better spill light control
- Unique aesthetic design with recessed LED integration and hidden top Zhaga-D4i sockets
- City branding possibilities through static and dynamic uplight options in a choice of colors
- Future-ready with Zhaga-D4i sockets to connect with Interact controls and sensors
- Easy installation and maintenance enabled by Service tag

## Features

- No light emitted above 70 degree angle (Copenhagen City Xtra Comfort LED)
- Choice of color temperatures and color rendering for different ambiances: 2200K, 2700K, 3000K and 4000K
- Multiple mounting options: side entry, suspended, center 3/4" thread
- Marine salt protection
- 5-year standard warranty

## Application

- Inner city residential streets
- Narrow city streets
- Inner city open areas
- Pedestrian streets
- Smaller shopping streets

## Specifications

Type	BRS862: Comfort side entry
	BDS862: Comfort center, 3/4" thread suspended
	BSS862: Comfort suspended
	BRS962: Xtra Comfort side entry
	BDS962: Xtra Comfort center, 3/4" thread suspended
	BSS962: Xtra Comfort suspended
Installation	Side entry
	Center, 3/4" thread suspended
	Suspended
Luminous flux	1800 lm to 11000 lm system flux
Correlated color temperature - CCT	722, 727, 730, 740, 827, 830, 840

Dimming	PSU: Non-dimmable power supply unit,
	PSR: Dimmable driver with LineSwitch,
	PSD: Dimmable Power supply unit with DALI interface (integrated),
	PSA: Dimmable driver with AmpDim integrated,
	PSDD: Dimmable driver Dynadim integrated,
	PSD-SR: Power supply unit with DALI and SystemReady interface,
Accessories	PSM: Power supply unit with Coded Mains integrated
	Back light cover

# Copenhagen City Comfort LED large

## Versions



Copenhagen City Xtra Comfort  
LED large suspended



Copenhagen City Xtra Comfort  
LED large with center, 3/4" thread  
suspension



Copenhagen City Comfort LED  
large side-entry



Copenhagen City Xtra Comfort  
LED large side-entry

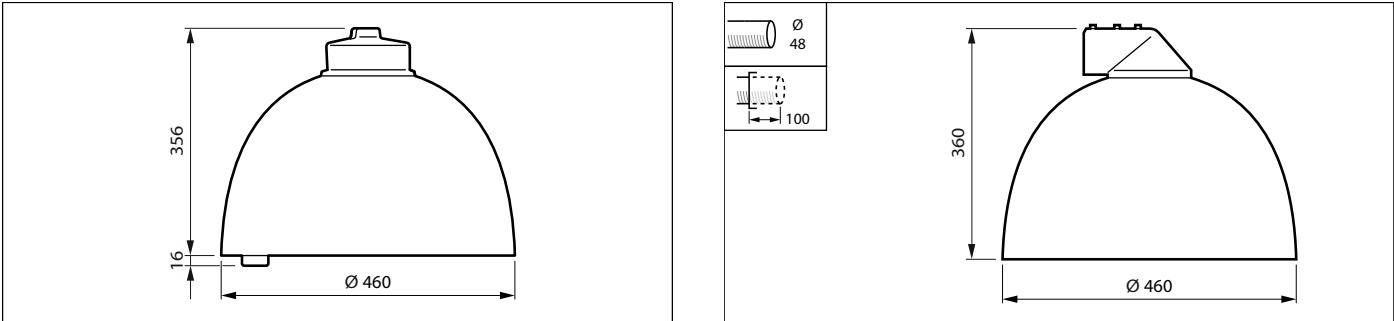


Copenhagen City Comfort LED  
large with center, 3/4" thread  
suspension



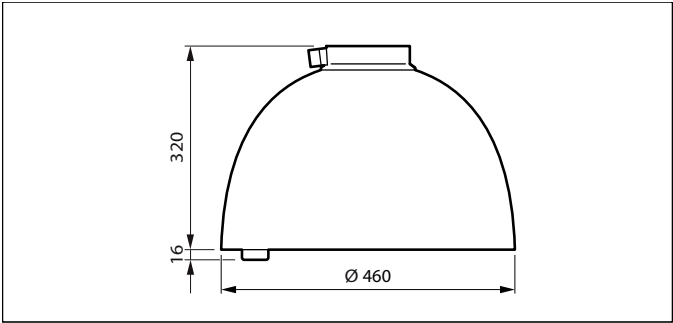
Copenhagen City Comfort LED  
large suspended

## Dimensional drawing



# Copenhagen City Comfort LED large

## Dimensional drawing



## Product details



Copenhagen City Comfort LED  
large with round LED board



Copenhagen City Xtra Comfort  
LED large with recessed LED board  
to control glare



Copenhagen City Comfort LED  
large with recessed LED board to  
control glare



Copenhagen City Xtra Comfort  
LED large with round LED board

Copenhagen City Comfort LED large

General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Luminaire light beam spread	-
Optic type outdoor	Distribution wide
Operating and Electrical	
Surge Protection (Common/ Differential)	Surge protection level until 6 kV differential mode and 10 kV common mode
Mechanical and Housing	
Optical cover type	Polycarbonate
Mech. impact protection code	IK07
Ingress protection code	IP66
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Emergency Operation	
Central Emergency	Yes
Approval and Application	
CE mark	Yes
Flammability mark	-

General Information

Order Code	Full Product Name	Lamp family code
919008639064	BSS962 LED100/830 II MDW GR CLO SRTB 10	LED100
919008639065	BDS962 LED120/740 II MDW 9005 CLOSRTB 10	LED120
919008639060	BRS862 LED60/830 II MDW LOR GW DDF12 10	LED60
919008639063	BRS962 LED60/830 II MDWLOR 9005 DDF12 10	LED60
919008639062	BDS862 LED120/740 II MDW GW CLO SRTB 10	LED120
919008639061	BSS862 LED100/830 II MDW GR CLO SRTB 10	LED100

Light Technical (1/2)

		Light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Flux
Order Code	Full Product Name	color			
919008639064	BSS962	830	3000 K	80	8,625 lm
	LED100/830 II	warm			
	MDW GR CLO	white			
	SRTB 10				
919008639065	BDS962	740	4000 K	70	10,005 lm
	LED120/740 II	neutral			
	MDW 9005	white			
	CLOSRTB 10				
919008639060	BRS862	830	3000 K	80	5,104 lm
	LED60/830 II	warm			
	MDW LOR GW	white			
	DDF12 10				
919008639063	BRS962	830	3000 K	80	5,104 lm
	LED60/830 II	warm			
	MDWLOR 9005	white			
	DDF12 10				
919008639062	BDS862	740	4000 K	70	10,005 lm
	LED120/740 II	neutral			
	MDW GW CLO	white			
	SRTB 10				
919008639061	BSS862	830	3000 K	80	8,625 lm
	LED100/830 II	warm			
	MDW GR CLO	white			
	SRTB 10				

Light Technical (2/2)

# Copenhagen City Comfort LED large

Order Code	Full Product Name	Upward light output ratio
919008639064	BSS962 LED100/830 II MDW GR CLO SRTB 10	0
919008639065	BDS962 LED120/740 II MDW 9005 CLOSRTB 10	0
919008639060	BRS862 LED60/830 II MDW LOR GW DDF12 10	0.5

Order Code	Full Product Name	Upward light output ratio
919008639063	BRS962 LED60/830 II MDWLOR 9005 DDF12 10	0
919008639062	BDS862 LED120/740 II MDW GW CLO SRTB 10	0.5
919008639061	BSS862 LED100/830 II MDW GR CLO SRTB 10	0

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
919008639064	BSS962 LED100/830 II MDW GR CLO SRTB 10	74 W
919008639065	BDS962 LED120/740 II MDW 9005 CLOSRTB 10	69 W
919008639060	BRS862 LED60/830 II MDW LOR GW DDF12 10	45 W

Order Code	Full Product Name	Power Consumption
919008639063	BRS962 LED60/830 II MDWLOR 9005 DDF12 10	45 W
919008639062	BDS862 LED120/740 II MDW GW CLO SRTB 10	69 W
919008639061	BSS862 LED100/830 II MDW GR CLO SRTB 10	74 W

## Controls and Dimming

Order Code	Full Product Name	Dimmable	Maximum dim level
919008639064	BSS962 LED100/830 II MDW GR CLO SRTB 10	No	25%
919008639065	BDS962 LED120/740 II MDW 9005 CLOSRTB 10	No	25%
919008639060	BRS862 LED60/830 II MDW LOR GW DDF12 10	Yes	20%

Order Code	Full Product Name	Dimmable	Maximum dim level
919008639063	BRS962 LED60/830 II MDWLOR 9005 DDF12 10	Yes	20%
919008639062	BDS862 LED120/740 II MDW GW CLO SRTB 10	No	25%
919008639061	BSS862 LED100/830 II MDW GR CLO SRTB 10	No	25%

## Mechanical and Housing

Order Code	Full Product Name	Housing Color
919008639064	BSS962 LED100/830 II MDW GR CLO SRTB 10	Gray
919008639065	BDS962 LED120/740 II MDW 9005 CLOSRTB 10	Black
919008639060	BRS862 LED60/830 II MDW LOR GW DDF12 10	Housing Glow, bracket RAL 9007

Order Code	Full Product Name	Housing Color
919008639063	BRS962 LED60/830 II MDWLOR 9005 DDF12 10	Black
919008639062	BDS862 LED120/740 II MDW GW CLO SRTB 10	Housing Glow, bracket RAL 9007
919008639061	BSS862 LED100/830 II MDW GR CLO SRTB 10	Gray

## Product Data

Order Code	Full Product Name	Product family code
919008639064	BSS962 LED100/830 II MDW GR CLO SRTB 10	BSS962
919008639065	BDS962 LED120/740 II MDW 9005 CLOSRTB 10	BDS962
919008639060	BRS862 LED60/830 II MDW LOR GW DDF12 10	BRS862

Order Code	Full Product Name	Product family code
919008639063	BRS962 LED60/830 II MDWLOR 9005 DDF12 10	BRS962
919008639062	BDS862 LED120/740 II MDW GW CLO SRTB 10	BDS862
919008639061	BSS862 LED100/830 II MDW GR CLO SRTB 10	BSS862

