



Copenhagen LED – discreet and timeless design

Copenhagen LED Small

Copenhagen LED was co-designed together with Copenhagen's Office of City Architecture in order to enhance the aesthetic appeal of the city's lighting. The luminaire's timeless design comes in two sizes – mini and large – to ensure that the dimensions of the luminaire and pole are well balanced, and that the installation blends in harmoniously with its surroundings. A variety of suspensions are available, offering maximum freedom in the overall design of the installation. A choice of symmetrical or asymmetrical distributions and state-of-the-art LED technology complete the specification of an extremely adaptable luminaire.

Benefits

- Unique opal canopy enables creation of a comfortable lighting ambience
- Cutting-edge LED technology in combination with the latest lighting controls
- Future-proof: LED engine and driver serviceable and upgradeable

Features

- LEDGINE inside – state-of-the-art, future-proof LED technology
- Timeless design
- Application flexibility thanks to the choice of mounting options

Application

- Residential streets
- Pedestrian and cycle paths
- Minor roads

Specifications

Copenhagen LED Small

Type	BRS443 (side entry version)
	BDS443 (central version)
	BSS443 (suspended version)
Light source	Build-in LED-module
Power (steady state in W, +/- 10%)	19 up to 109 W
Correlated Color	3000 K (Warm white)
Temperature	4000 K (Neutral white)
Luminous flux	GreenLine: 1600 up to 7808 lm
	EconomyLine: 2322 up to 11329 lm
Luminaire efficacy	Up to 79 lm/W (for 3000 K)
	Up to 104 lm/W (for 4000 K)
Color Rendering Index	84 (3000 K)
	76 (4000 K)
Lumen maintenance at median useful life* 100000 h	GreenLine: min L80
	EconomyLine: min L80
Lumen maintenance at median useful life* 75000 h	GreenLine: 10%
	EconomyLine: 7.5%
Control gear failure rate at median useful life 100000 h	GreenLine: 10%
	EconomyLine: 7.5%
Control gear failure rate at median useful life 75000 h	EconomyLine: 7.5%
Performance Ambient Temperature Tq	+25 °C
Operating temperature range	-20 °C to +25 °C
Driver	Built-in (self ballasted LED-module)
Mains voltage	220-240 V / 50-60 Hz

Inrush current	130 A / 165 µs (50%)
Dimming	LumiStep: 6 and 8 hours
	DynaDimmer
	SDU
	External Dimming 1-10 V and DALI StarSense RF AmpDim
Optic	Distribution comfort (DC)
	Distribution medium (DM)
	Distribution wide (DW)
	Distribution wet road (DK)
	Distribution pedestrian crossing right (DP-R)
	Distribution symmetrical narrow (DSN)
	Asymmetrical (A)
Optical cover	Glass, flat
Material	Housing: PMMA, impact resistant
	Top flange: cast aluminum
	Heat sink: cast aluminum
	Cover: glass, tempered
Color	Top flange standard: light gray
	Housing standard: light gray (RAL7035) or opal
	Other RAL colors available on request
Maintenance	Three tools to open the luminaire for all maintenance activities (Torx15, Torx25, Torx25)
Installation	Delivered with 10.5 m cable
	Recommended mounting height: 4 to 6 m
	Standard tilt angle: 0°
	Adjustable tilt angle: 2°
	Max SCx: 0,08 m²
Accessories	Mounting brackets for suspended version BSS443
Remarks	BSS443: order mounting bracket separately

Versions



Copenhagen LED BRS443 urban-lighting luminaire with LEDGINE



Copenhagen LED BSS443 urban-lighting luminaire with LEDGINE

Copenhagen LED Small

Versions

Copenhagen LED BDS443 urban-lighting luminaire with LEDGINE



Product details

Rope suspension bracket with stabilizing wire



Rotatable suspension bracket (for wire-bearing cross-suspensions)



Rope suspension bracket without stabilizing wire



Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	No
----------	----

General Information

Luminaire light beam spread	180°
CE mark	CE mark
Optical cover/lens type	Flat glass
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces
Green Flagship mark	Green Flagship
Light source replaceable	Yes
Lamp version	3S
Number of gear units	1 unit
Number of light sources	1 pc

Light Technical

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

Operating and Electrical

Order Code	Full Product Name	Driver current
919008632007	BRS443 GRN59-3S/740 II O-DK CLO-DDF6 C10	-
919008632008	BRS443 GRN68-3S/740 II O-DK CLO-DDF6 C10	-
919008632012	BRS443 GRN56-3S/830 II O-DK CLO-DDF6 C10	-
919008632013	BRS443 GRN64-3S/830 II O-DK CLO-DDF6 C10	-
919008632017	BRS443 GRN29-3S/740 II DC GR CLO-DDF6	470 mA
919008632018	BRS443 GRN39-3S/740 II DK GR CLO-DDF6	300 mA
919008632021	BRS443 GRN16-3S/830 II DC CLO-DDF6 C10K	305 mA
919008632022	BRS443 GRN24-3S/830 II DC GR CLO-DDF6	458 mA
919008632023	BRS443 GRN32-3S/830 II DC GR CLO-DDF6	590 mA
919008632025	BRS443 GRN16-3S/830 II DK CLO-DDF6 C10K	305 mA
919008632026	BRS443 GRN32-3S/830 II DK CLO-DDF6 C10K	590 mA
919008632037	BRS443 GRN20-3S/740 II O-DK CLO-DDF6 C10	-
919008632041	BRS443 GRN16-3S/830 II DW GR CLO-DDF6	305 mA
919008632043	BRS443 GRN24-3S/830 II DW GR CLO-DDF6	458 mA
919008632044	BRS443 GRN32-3S/830 II DW GR CLO-DDF6	590 mA
919008632053	BRS443 GRN49-3S/740 II DK GR CLO-DDF6	380 mA
919008632055	BRS443 GRN20-3S/740 II DK GR CLO-DDF6	300 mA
919008632061	BRS443 GRN20-3S/740 II O-DW CLO-DDF6	-
919008632070	BRS443 GRN16-3S/830 II O-DC CLO-DDF6 C10	-
919008632071	BRS443 GRN40-3S/830 II DK GR CLO-DDF6	380 mA
919008632073	BRS443 GRN29-3S/740 II DK GR CLO C10K	470 mA
919008632074	BRS443 GRN49-3S/740 II DK GR CLO C10K	380 mA
919008632075	BRS443 GRN29-3S/740 II DW GR CLO-DDF6	470 mA
919008632085	BRS443 GRN59-3S/740 II DK GR CLO-DDF6	300 mA
919008632087	BRS443 GRN48-3S/830 II DK GR CLO-DDF6	455 mA
919008632089	BRS443 GRN20-3S/740 II DW GR CLO-DDF6	300 mA
919008632105	BRS443 GRN39-3S/740 II O-DK CLO-DDF6	-
919008632108	BRS443 GRN29-3S/740 II DK GR CLO-DDF6	470 mA
919008632124	BRS443 GRN20-3S/740 II O-DK CLO C10K	-
919008632125	BRS443 GRN24-3S/830 II O-DK CLO-DDF6	-
919008632131	BRS443 GRN32-3S/830 II O-DK CLO-DDF6	-
919008632134	BRS443 GRN29-3S/740 II O-DK CLO-DDF6	-
919008632139	BRS443 GRN24-3S/830 II O-DW CLO-DDF6 C10	-
919008632142	BRS443 GRN59-3S/740 II DW GR CLO-DDF6	300 mA
919008632144	BRS443 GRN32-3S/830 II DW GR CLO C10K	590 mA
919008632146	BRS443 GRN32-3S/830 II O-DW CLO-DDF6	-
919008632148	BRS443 GRN32-3S/830 II DP-R GR CLO C10K	590 mA
919008632149	BRS443 GRN39-3S/740 II DW CLO-DDF6 C10K	300 mA
919008632151	BRS443 GRN20-3S/740 II O-DC CLO-DDF6	-
919008632152	BRS443 GRN56-3S/830 II DK CLO-DDF6 C10K	352 mA
919008632153	BRS443 GRN64-3S/830 II DK GR CLO-DDF6	402 mA
919008632160	BRS443 GRN24-3S/830 II DK GR CLO-DDF6	458 mA
919008632161	BRS443 GRN56-3S/830 II DW GR CLO-DDF6	352 mA
919008632164	BRS443 GRN16-3S/830 II O-DK CLO-DDF6	-
919008632166	BRS443 GRN39-3S/740 II O-DP-R CLO C10K	-
919008632167	BRS443 GRN39-3S/740 II DK GR CLO C10K	300 mA
919008632177	BRS443 GRN39-3S/740 II O-DW CLO-DDF6	-
919008632178	BRS443 GRN29-3S/740 II O-DW CLO-DDF6	-
919008632179	BRS443 GRN16-3S/830 II O-DW CLO C10K	-
919008632182	BRS443 GRN24-3S/830 II O-DC CLO-DDF6 C10	-
919008632188	BRS443 GRN32-3S/830 II DK GR CLO C10K	590 mA

Order Code	Full Product Name	Driver current
919008632189	BRS443 GRN48-3S/830 II DK GR CLO C10K	455 mA
919008632190	BRS443 GRN32-3S/830 II O-DC CLO-DDF6 C10	-
919008632192	BRS443 GRN40-3S/830 II O-DK CLO-DDF6	-
919008632212	BRS443 GRN24-3S/830 II DM CLO-DDF1 C10K	-
919008632220	BRS443 GRN56-3S/830 II DM CLO-DDF1 C10K	-
919008632221	BRS443 GRN56-3S/830 II DC CLO-DDF1 C10K	-
919008632231	BRS443 GRN59-3S/740 II DM CLO-DDF1 C10K	-
919008632238	BRS443 GRN24-3S/830 II O-DM CLO-DDF1 C10	-
919008632240	BRS443 GRN32-3S/830 II O-DM CLO-DDF1 C10	-
919008632265	BRS443 GRN49-3S/740 II DW CLO-DDF6 C10K	380 mA
919008632266	BRS443 GRN48-3S/830 II O-DC CLO-DDF6 C10	-
919008632269	BRS443 GRN39-3S/740 II O-DC CLO-DDF6 C10	-
919008632271	BRS443 GRN59-3S/740 II O-DW CLO-DDF6 C10	-
919008632289	BRS443 GRN29-3S/740 II DW CLO C10K	-
919008632298	BRS443 GRN20-3S/740 II DC GR CLO-DDF6	300 mA
919008632302	BRS443 GRN48-3S/830 II O-DP-R CLO C10K	-
919008632303	BRS443 GRN48-3S/830 II O-DP-L CLO C10K	-
919008632313	BRS443 GRN39-3S/740 II O-A CLO C10K	-
919008632314	BRS443 GRN59-3S/740 II O-DK CLO C10K	-
919008632326	BRS443 GRN39-3S/740 II DP-R CLO C10K	300 mA
919008632329	BRS443 GRN59-3S/740 II O-DP-R C10K	-
919008632330	BRS443 GRN40-3S/830 II DC CLO-DDF6 C10K	380 mA
919008632347	BRS443 GRN39-3S/740 II O-DP-R CLO-DDF6	-
919008632372	BRS443 GRN20-3S/740 II DP-R GR C10K	300 mA
919008632425	BRS443 GRN16-3S/830 II O-DW CLO-DDF6C10K	-
919008632038	BSS443 GRN64-3S/830 II O-DSN DDF6 C10K	-
919008632496	BSS443 GRN29-3S/740 II DW GR CLO C10K	-
919008632101	BDS443 GRN39-3S/740 II O-DK CLO C10K	-
919008632404	BDS443 GRN29-3S/740 II DK GR CLO-DDF6	-

General Information

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code	Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632007	BRS443 GRN59-3S/740 II O-DK CLO-DDF6 C10	740 neutral white	GRN59	Distribution wet road (DK)	BRS443	919008632018	BRS443 GRN39-3S/740 II DK GR CLO-DDF6	740 neutral white	GRN39	Distribution wet road (DK)	BRS443
919008632008	BRS443 GRN68-3S/740 II O-DK CLO-DDF6 C10	740 neutral white	GRN68	Distribution wet road (DK)	BRS443	919008632021	BRS443 GRN16-3S/830 II DC CLO-DDF6 C10K	830 warm white	GRN16	Distribution comfort	BRS443
919008632012	BRS443 GRN56-3S/830 II O-DK CLO-DDF6 C10	830 warm white	GRN56	Distribution wet road (DK)	BRS443	919008632022	BRS443 GRN24-3S/830 II DC GR CLO-DDF6	830 warm white	GRN24	Distribution comfort	BRS443
919008632013	BRS443 GRN64-3S/830 II O-DK CLO-DDF6 C10	830 warm white	GRN64	Distribution wet road (DK)	BRS443	919008632023	BRS443 GRN32-3S/830 II DC GR CLO-DDF6	830 warm white	GRN32	Distribution comfort	BRS443
919008632017	BRS443 GRN29-3S/740 II DC GR CLO-DDF6	740 neutral white	GRN29	Distribution comfort	BRS443	919008632025	BRS443 GRN16-3S/830 II DK CLO-DDF6 C10K	830 warm white	GRN16	Distribution wet road (DK)	BRS443

Copenhagen LED Small

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632026	BRS443 GRN32-3S/830 II DK CLO-DDF6 C10K	830 warm white	GRN32	Distribution wet road (DK)	BRS443
919008632037	BRS443 GRN20-3S/740 II O- DK CLO-DDF6 C10	740 neutral white	GRN20	Distribution wet road (DK)	BRS443
919008632041	BRS443 GRN16-3S/830 II DW GR CLO-DDF6	830 warm white	GRN16	Distribution wide	BRS443
919008632043	BRS443 GRN24-3S/830 II DW GR CLO-DDF6	830 warm white	GRN24	Distribution wide	BRS443
919008632044	BRS443 GRN32-3S/830 II DW GR CLO-DDF6	830 warm white	GRN32	Distribution wide	BRS443
919008632053	BRS443 GRN49-3S/740 II DK GR CLO-DDF6	740 neutral white	GRN49	Distribution wet road (DK)	BRS443
919008632055	BRS443 GRN20-3S/740 II DK GR CLO-DDF6	740 neutral white	GRN20	Distribution wet road (DK)	BRS443
919008632061	BRS443 GRN20-3S/740 II O- DW CLO-DDF6	740 neutral white	GRN20	Distribution wide	BRS443
919008632070	BRS443 GRN16-3S/830 II O- DC CLO-DDF6 C10	830 warm white	GRN16	Distribution comfort	BRS443
919008632071	BRS443 GRN40-3S/830 II DK GR CLO-DDF6	830 warm white	GRN40	Distribution wet road (DK)	BRS443
919008632073	BRS443 GRN29-3S/740 II DK GR CLO C10K	740 neutral white	GRN29	Distribution wet road (DK)	BRS443
919008632074	BRS443 GRN49-3S/740 II DK GR CLO C10K	740 neutral white	GRN49	Distribution wet road (DK)	BRS443
919008632075	BRS443 GRN29-3S/740 II DW GR CLO-DDF6	740 neutral white	GRN29	Distribution wide	BRS443
919008632085	BRS443 GRN59-3S/740 II DK GR CLO-DDF6	740 neutral white	GRN59	Distribution wet road (DK)	BRS443
919008632087	BRS443 GRN48-3S/830 II DK GR CLO-DDF6	830 warm white	GRN48	Distribution wet road (DK)	BRS443
919008632089	BRS443 GRN20-3S/740 II DW GR CLO-DDF6	740 neutral white	GRN20	Distribution wide	BRS443

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632105	BRS443 GRN39-3S/740 II O- DK CLO-DDF6	740 neutral white	GRN39	Distribution wet road (DK)	BRS443
919008632108	BRS443 GRN29-3S/740 II DK GR CLO-DDF6	740 neutral white	GRN29	Distribution wet road (DK)	BRS443
919008632124	BRS443 GRN20-3S/740 II O- DK CLO C10K	740 neutral white	GRN20	Distribution wet road (DK)	BRS443
919008632125	BRS443 GRN24-3S/830 II O- DK CLO-DDF6	830 warm white	GRN24	Distribution wet road (DK)	BRS443
919008632131	BRS443 GRN32-3S/830 II O- DK CLO-DDF6	830 warm white	GRN32	Distribution wet road (DK)	BRS443
919008632134	BRS443 GRN29-3S/740 II O- DK CLO-DDF6	740 neutral white	GRN29	Distribution wet road (DK)	BRS443
919008632139	BRS443 GRN24-3S/830 II O- DW CLO-DDF6 C10	830 warm white	GRN24	Distribution wide	BRS443
919008632142	BRS443 GRN59-3S/740 II DW GR CLO-DDF6	740 neutral white	GRN59	Distribution wide	BRS443
919008632144	BRS443 GRN32-3S/830 II DW GR CLO C10K	830 warm white	GRN32	Distribution wide	BRS443
919008632146	BRS443 GRN32-3S/830 II O- DW CLO-DDF6	830 warm white	GRN32	Distribution wide	BRS443
919008632148	BRS443 GRN32-3S/830 II DP-R GR CLO C10K	830 warm white	GRN32	Distribution pedestrian crossing right	BRS443
919008632149	BRS443 GRN39-3S/740 II DW CLO-DDF6 C10K	740 neutral white	GRN39	Distribution wide	BRS443
919008632151	BRS443 GRN20-3S/740 II O- DC CLO-DDF6	740 neutral white	GRN20	Distribution comfort	BRS443
919008632152	BRS443 GRN56-3S/830 II DK CLO-DDF6 C10K	830 warm white	GRN56	Distribution wet road (DK)	BRS443
919008632153	BRS443 GRN64-3S/830 II DK GR CLO-DDF6	830 warm white	GRN64	Distribution wet road (DK)	BRS443
919008632160	BRS443 GRN24-3S/830 II DK GR CLO-DDF6	830 warm white	GRN24	Distribution wet road (DK)	BRS443

Copenhagen LED Small

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632161	BRS443 GRN56-3S/830 II DW GR CLO-DDF6	830 warm white	GRN56	Distribution wide	BRS443
919008632164	BRS443 GRN16-3S/830 II O- DK CLO-DDF6	830 warm white	GRN16	Distribution wet road (DK)	BRS443
919008632166	BRS443 GRN39-3S/740 II O- DP-R CLO C10K	740 neutral white	GRN39	Distribution pedestrian crossing right	BRS443
919008632167	BRS443 GRN39-3S/740 II DK GR CLO C10K	740 neutral white	GRN39	Distribution wet road (DK)	BRS443
919008632177	BRS443 GRN39-3S/740 II O- DW CLO-DDF6	740 neutral white	GRN39	Distribution wide	BRS443
919008632178	BRS443 GRN29-3S/740 II O- DW CLO-DDF6	740 neutral white	GRN29	Distribution wide	BRS443
919008632179	BRS443 GRN16-3S/830 II O- DW CLO C10K	830 warm white	GRN16	Distribution wide	BRS443
919008632182	BRS443 GRN24-3S/830 II O- DC CLO-DDF6 C10	830 warm white	GRN24	Distribution comfort	BRS443
919008632188	BRS443 GRN32-3S/830 II DK GR CLO C10K	830 warm white	GRN32	Distribution wet road (DK)	BRS443
919008632189	BRS443 GRN48-3S/830 II DK GR CLO C10K	830 warm white	GRN48	Distribution wet road (DK)	BRS443
919008632190	BRS443 GRN32-3S/830 II O- DC CLO-DDF6 C10	830 warm white	GRN32	Distribution comfort	BRS443
919008632192	BRS443 GRN40-3S/830 II O-DK CLO-DDF6	830 warm white	GRN40	Distribution wet road (DK)	BRS443
919008632212	BRS443 GRN24-3S/830 II DM CLO-DDF1 C10K	830 warm white	GRN24	Distribution medium	BRS443
919008632220	BRS443 GRN56-3S/830 II DM CLO-DDF1 C10K	830 warm white	GRN56	Distribution medium	BRS443
919008632221	BRS443 GRN56-3S/830 II DC CLO-DDF1 C10K	830 warm white	GRN56	Distribution comfort	BRS443
919008632231	BRS443 GRN59-3S/740 II DM CLO-DDF1 C10K	740 neutral white	GRN59	Distribution medium	BRS443

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632238	BRS443 GRN24-3S/830 II O- DM CLO-DDF1 C10	830 warm white	GRN24	Distribution medium	BRS443
919008632240	BRS443 GRN32-3S/830 II O- DM CLO-DDF1 C10	830 warm white	GRN32	Distribution medium	BRS443
919008632265	BRS443 GRN49-3S/740 II DW CLO-DDF6 C10K	740 neutral white	GRN49	Distribution wide	BRS443
919008632266	BRS443 GRN48-3S/830 II O- DC CLO-DDF6 C10	830 warm white	GRN48	Distribution comfort	BRS443
919008632269	BRS443 GRN39-3S/740 II O- DC CLO-DDF6 C10	740 neutral white	GRN39	Distribution comfort	BRS443
919008632271	BRS443 GRN59-3S/740 II O- DW CLO-DDF6 C10	740 neutral white	GRN59	Distribution wide	BRS443
919008632289	BRS443 GRN29-3S/740 II DW CLO C10K	740 neutral white	GRN29	Distribution wide	BRS443
919008632298	BRS443 GRN20-3S/740 II DC GR CLO-DDF6	740 neutral white	GRN29	Distribution comfort	BRS443
919008632302	BRS443 GRN48-3S/830 II O- DP-R CLO C10K	830 warm white	GRN48	Distribution pedestrian crossing right	BRS443
919008632303	BRS443 GRN48-3S/830 II O- DP-L CLO C10K	830 warm white	GRN48	Opal reflector with distribution pedestrian crossing left	BRS443
919008632313	BRS443 GRN39-3S/740 II O- A CLO C10K	740 neutral white	GRN39	Asymmetrical	BRS443
919008632314	BRS443 GRN59-3S/740 II O- DK CLO C10K	740 neutral white	GRN59	Distribution wet road (DK)	BRS443
919008632326	BRS443 GRN39-3S/740 II DP-R CLO C10K	740 neutral white	GRN39	Distribution pedestrian crossing right	BRS443
919008632329	BRS443 GRN59-3S/740 II O- DP-R C10K	740 neutral white	GRN59	Distribution pedestrian crossing right	BRS443
919008632330	BRS443 GRN40-3S/830 II DC CLO-DDF6 C10K	830 warm white	GRN40	Distribution comfort	BRS443
919008632347	BRS443 GRN39-3S/740 II O- DP-R CLO-DDF6	740 neutral white	GRN39	Distribution pedestrian crossing right	BRS443

Copenhagen LED Small

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632372	BRS443 GRN20-3S/740 II DP-R GR C10K	740 neutral white	GRN20	Distribution pedestrian crossing right	BRS443
919008632425	BRS443 GRN16-3S/830 II O- DW CLO-DDF6C10K	830 warm white	GRN16	Distribution wide	BRS443
919008632038	BSS443 GRN64-3S/830 II O- DSN DDF6 C10K	830 warm white	GRN64	Distribution symmetrical narrow	BSS443

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632496	BSS443 GRN29-3S/740 II DW GR CLO C10K	740 neutral white	GRN29	Distribution wide	BSS443
919008632101	BDS443 GRN39-3S/740 II O- DK CLO C10K	740 neutral white	GRN39	Distribution wet road (DK)	BDS443
919008632404	BDS443 GRN29-3S/740 II DK GR CLO-DDF6	740 neutral white	GRN29	Distribution wet road (DK)	BDS443

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008632007	BRS443 GRN59-3S/740 II O-DK CLO-DDF6 C10	4000 K	≥70	4960 lm
919008632008	BRS443 GRN68-3S/740 II O-DK CLO-DDF6 C10	4000 K	≥70	5760 lm
919008632012	BRS443 GRN56-3S/830 II O-DK CLO-DDF6 C10	3000 K	≥80	4800 lm
919008632013	BRS443 GRN64-3S/830 II O-DK CLO-DDF6 C10	3000 K	≥80	5360 lm
919008632017	BRS443 GRN29-3S/740 II DC GR CLO-DDF6	4000 K	≥70	2480 lm
919008632018	BRS443 GRN39-3S/740 II DK GR CLO-DDF6	4000 K	≥70	3280 lm
919008632021	BRS443 GRN16-3S/830 II DC CLO-DDF6 C10K	3000 K	≥80	1400 lm
919008632022	BRS443 GRN24-3S/830 II DC GR CLO-DDF6	3000 K	≥80	2000 lm
919008632023	BRS443 GRN32-3S/830 II DC GR CLO-DDF6	3000 K	≥80	2480 lm
919008632025	BRS443 GRN16-3S/830 II DK CLO-DDF6 C10K	3000 K	≥80	1400 lm
919008632026	BRS443 GRN32-3S/830 II DK CLO-DDF6 C10K	3000 K	≥80	2480 lm
919008632037	BRS443 GRN20-3S/740 II O-DK CLO-DDF6 C10	4000 K	≥70	1680 lm
919008632041	BRS443 GRN16-3S/830 II DW GR CLO-DDF6	3000 K	≥80	1400 lm
919008632043	BRS443 GRN24-3S/830 II DW GR CLO-DDF6	3000 K	≥80	2000 lm
919008632044	BRS443 GRN32-3S/830 II DW GR CLO-DDF6	3000 K	≥80	2480 lm
919008632053	BRS443 GRN49-3S/740 II DK GR CLO-DDF6	4000 K	≥70	4080 lm
919008632055	BRS443 GRN20-3S/740 II DK GR CLO-DDF6	4000 K	≥70	1680 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008632061	BRS443 GRN20-3S/740 II O-DW CLO-DDF6	4000 K	≥70	1680 lm
919008632070	BRS443 GRN16-3S/830 II O-DC CLO-DDF6 C10	3000 K	≥80	1400 lm
919008632071	BRS443 GRN40-3S/830 II DK GR CLO-DDF6	3000 K	≥80	3440 lm
919008632073	BRS443 GRN29-3S/740 II DK GR CLO C10K	4000 K	≥70	2480 lm
919008632074	BRS443 GRN49-3S/740 II DK GR CLO C10K	4000 K	≥70	4080 lm
919008632075	BRS443 GRN29-3S/740 II DW GR CLO-DDF6	4000 K	≥70	2480 lm
919008632085	BRS443 GRN59-3S/740 II DK GR CLO-DDF6	4000 K	≥70	4960 lm
919008632087	BRS443 GRN48-3S/830 II DK GR CLO-DDF6	3000 K	≥80	4000 lm
919008632089	BRS443 GRN20-3S/740 II DW GR CLO-DDF6	4000 K	≥70	1680 lm
919008632105	BRS443 GRN39-3S/740 II O-DK CLO-DDF6	4000 K	≥70	3280 lm
919008632108	BRS443 GRN29-3S/740 II DK GR CLO-DDF6	4000 K	≥70	2480 lm
919008632124	BRS443 GRN20-3S/740 II O-DK CLO C10K	4000 K	≥70	1680 lm
919008632125	BRS443 GRN24-3S/830 II O-DK CLO-DDF6	3000 K	≥80	2000 lm
919008632131	BRS443 GRN32-3S/830 II O-DK CLO-DDF6	3000 K	≥80	2480 lm
919008632134	BRS443 GRN29-3S/740 II O-DK CLO-DDF6	4000 K	≥70	2480 lm
919008632139	BRS443 GRN24-3S/830 II O-DW CLO-DDF6 C10	3000 K	≥80	2000 lm
919008632142	BRS443 GRN59-3S/740 II DW GR CLO-DDF6	4000 K	≥70	4960 lm

Copenhagen LED Small

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008632144	BRS443 GRN32-3S/830 II DW GR CLO C10K	3000 K	≥80	2480 lm
919008632146	BRS443 GRN32-3S/830 II O-DW CLO-DDF6	3000 K	≥80	2480 lm
919008632148	BRS443 GRN32-3S/830 II DP-R GR CLO C10K	3000 K	≥80	2480 lm
919008632149	BRS443 GRN39-3S/740 II DW CLO-DDF6 C10K	4000 K	≥70	3280 lm
919008632151	BRS443 GRN20-3S/740 II O-DC CLO-DDF6	4000 K	≥70	1680 lm
919008632152	BRS443 GRN56-3S/830 II DK CLO-DDF6 C10K	3000 K	≥80	4800 lm
919008632153	BRS443 GRN64-3S/830 II DK GR CLO-DDF6	3000 K	≥80	5360 lm
919008632160	BRS443 GRN24-3S/830 II DK GR CLO-DDF6	3000 K	≥80	2000 lm
919008632161	BRS443 GRN56-3S/830 II DW GR CLO-DDF6	3000 K	≥80	4800 lm
919008632164	BRS443 GRN16-3S/830 II O-DK CLO-DDF6	3000 K	≥80	1400 lm
919008632166	BRS443 GRN39-3S/740 II O-DP-R CLO C10K	4000 K	≥70	3280 lm
919008632167	BRS443 GRN39-3S/740 II DK GR CLO C10K	4000 K	≥70	3280 lm
919008632177	BRS443 GRN39-3S/740 II O-DW CLO-DDF6	4000 K	≥70	3280 lm
919008632178	BRS443 GRN29-3S/740 II O-DW CLO-DDF6	4000 K	≥70	2480 lm
919008632179	BRS443 GRN16-3S/830 II O-DW CLO C10K	3000 K	≥80	1400 lm
919008632182	BRS443 GRN24-3S/830 II O-DC CLO-DDF6 C10	3000 K	≥80	2000 lm
919008632188	BRS443 GRN32-3S/830 II DK GR CLO C10K	3000 K	≥80	2480 lm
919008632189	BRS443 GRN48-3S/830 II DK GR CLO C10K	3000 K	≥80	4000 lm
919008632190	BRS443 GRN32-3S/830 II O-DC CLO-DDF6 C10	3000 K	≥80	2480 lm
919008632192	BRS443 GRN40-3S/830 II O-DK CLO-DDF6	3000 K	≥80	3440 lm
919008632212	BRS443 GRN24-3S/830 II DM CLO-DDF1 C10K	3000 K	≥80	2000 lm
919008632220	BRS443 GRN56-3S/830 II DM CLO-DDF1 C10K	3000 K	≥80	4800 lm
919008632221	BRS443 GRN56-3S/830 II DC CLO-DDF1 C10K	3000 K	≥80	4800 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008632231	BRS443 GRN59-3S/740 II DM CLO-DDF1 C10K	4000 K	≥70	4960 lm
919008632238	BRS443 GRN24-3S/830 II O-DM CLO-DDF1 C10	3000 K	≥80	2000 lm
919008632240	BRS443 GRN32-3S/830 II O-DM CLO-DDF1 C10	3000 K	≥80	2480 lm
919008632265	BRS443 GRN49-3S/740 II DW CLO-DDF6 C10K	4000 K	≥70	4080 lm
919008632266	BRS443 GRN48-3S/830 II O-DC CLO-DDF6 C10	3000 K	≥80	4000 lm
919008632269	BRS443 GRN39-3S/740 II O-DC CLO-DDF6 C10	4000 K	≥70	3280 lm
919008632271	BRS443 GRN59-3S/740 II O-DW CLO-DDF6 C10	4000 K	≥70	4960 lm
919008632289	BRS443 GRN29-3S/740 II DW CLO C10K	4000 K	≥70	2480 lm
919008632298	BRS443 GRN20-3S/740 II DC GR CLO-DDF6	4000 K	≥70	2480 lm
919008632302	BRS443 GRN48-3S/830 II O-DP-R CLO C10K	3000 K	≥80	4000 lm
919008632303	BRS443 GRN48-3S/830 II O-DP-L CLO C10K	3000 K	≥80	4000 lm
919008632313	BRS443 GRN39-3S/740 II O-A CLO C10K	4000 K	≥70	3280 lm
919008632314	BRS443 GRN59-3S/740 II O-DK CLO C10K	4000 K	≥70	4960 lm
919008632326	BRS443 GRN39-3S/740 II DP-R CLO C10K	4000 K	≥70	3280 lm
919008632329	BRS443 GRN59-3S/740 II O-DP-R C10K	4000 K	≥70	4960 lm
919008632330	BRS443 GRN40-3S/830 II DC CLO-DDF6 C10K	3000 K	≥80	3440 lm
919008632347	BRS443 GRN39-3S/740 II O-DP-R CLO-DDF6	4000 K	≥70	3280 lm
919008632372	BRS443 GRN20-3S/740 II DP-R GR C10K	4000 K	≥70	1680 lm
919008632425	BRS443 GRN16-3S/830 II O-DW CLO-DDF6C10K	3000 K	≥80	1400 lm
919008632038	BSS443 GRN64-3S/830 II O-DSN DDF6 C10K	3000 K	≥80	5360 lm
919008632496	BSS443 GRN29-3S/740 II DW GR CLO C10K	4000 K	≥70	2480 lm
919008632101	BDS443 GRN39-3S/740 II O-DK CLO C10K	4000 K	≥70	3280 lm
919008632404	BDS443 GRN29-3S/740 II DK GR CLO-DDF6	4000 K	≥70	2480 lm

Mechanical and Housing

Copenhagen LED Small

Order Code	Full Product Name	Color	Order Code	Full Product Name	Color
919008632007	BRS443 GRN59-3S/740 II O-DK CLO-DDF6 C10	Opal	919008632153	BRS443 GRN64-3S/830 II DK GR CLO-DDF6	grey
919008632008	BRS443 GRN68-3S/740 II O-DK CLO-DDF6 C10	Opal	919008632160	BRS443 GRN24-3S/830 II DK GR CLO-DDF6	grey
919008632012	BRS443 GRN56-3S/830 II O-DK CLO-DDF6 C10	Opal	919008632161	BRS443 GRN56-3S/830 II DW GR CLO-DDF6	grey
919008632013	BRS443 GRN64-3S/830 II O-DK CLO-DDF6 C10	Opal	919008632164	BRS443 GRN16-3S/830 II O-DK CLO-DDF6	Opal
919008632017	BRS443 GRN29-3S/740 II DC GR CLO-DDF6	grey	919008632166	BRS443 GRN39-3S/740 II O-DP-R CLO C10K	Opal
919008632018	BRS443 GRN39-3S/740 II DK GR CLO-DDF6	grey	919008632167	BRS443 GRN39-3S/740 II DK GR CLO C10K	grey
919008632021	BRS443 GRN16-3S/830 II DC CLO-DDF6 C10K	Opal	919008632177	BRS443 GRN39-3S/740 II O-DW CLO-DDF6	Opal
919008632022	BRS443 GRN24-3S/830 II DC GR CLO-DDF6	grey	919008632178	BRS443 GRN29-3S/740 II O-DW CLO-DDF6	Opal
919008632023	BRS443 GRN32-3S/830 II DC GR CLO-DDF6	grey	919008632179	BRS443 GRN16-3S/830 II O-DW CLO C10K	Opal
919008632025	BRS443 GRN16-3S/830 II DK CLO-DDF6 C10K	Opal	919008632182	BRS443 GRN24-3S/830 II O-DC CLO-DDF6 C10	Opal
919008632026	BRS443 GRN32-3S/830 II DK CLO-DDF6 C10K	grey	919008632188	BRS443 GRN32-3S/830 II DK GR CLO C10K	grey
919008632037	BRS443 GRN20-3S/740 II O-DK CLO-DDF6 C10	Opal	919008632189	BRS443 GRN48-3S/830 II DK GR CLO C10K	grey
919008632041	BRS443 GRN16-3S/830 II DW GR CLO-DDF6	grey	919008632190	BRS443 GRN32-3S/830 II O-DC CLO-DDF6 C10	Opal
919008632043	BRS443 GRN24-3S/830 II DW GR CLO-DDF6	grey	919008632192	BRS443 GRN40-3S/830 II O-DK CLO-DDF6	Opal
919008632044	BRS443 GRN32-3S/830 II DW GR CLO-DDF6	grey	919008632212	BRS443 GRN24-3S/830 II DM CLO-DDF1 C10K	Opal
919008632053	BRS443 GRN49-3S/740 II DK GR CLO-DDF6	grey	919008632220	BRS443 GRN56-3S/830 II DM CLO-DDF1 C10K	grey
919008632055	BRS443 GRN20-3S/740 II DK GR CLO-DDF6	grey	919008632221	BRS443 GRN56-3S/830 II DC CLO-DDF1 C10K	grey
919008632061	BRS443 GRN20-3S/740 II O-DW CLO-DDF6	Opal	919008632231	BRS443 GRN59-3S/740 II DM CLO-DDF1 C10K	grey
919008632070	BRS443 GRN16-3S/830 II O-DC CLO-DDF6 C10	Opal	919008632238	BRS443 GRN24-3S/830 II O-DM CLO-DDF1 C10	Opal
919008632071	BRS443 GRN40-3S/830 II DK GR CLO-DDF6	grey	919008632240	BRS443 GRN32-3S/830 II O-DM CLO-DDF1 C10	Opal
919008632073	BRS443 GRN29-3S/740 II DK GR CLO C10K	grey	919008632265	BRS443 GRN49-3S/740 II DW CLO-DDF6 C10K	grey
919008632074	BRS443 GRN49-3S/740 II DK GR CLO C10K	grey	919008632266	BRS443 GRN48-3S/830 II O-DC CLO-DDF6 C10	Opal
919008632075	BRS443 GRN29-3S/740 II DW GR CLO-DDF6	grey	919008632269	BRS443 GRN39-3S/740 II O-DC CLO-DDF6 C10	Opal
919008632085	BRS443 GRN59-3S/740 II DK GR CLO-DDF6	grey	919008632271	BRS443 GRN59-3S/740 II O-DW CLO-DDF6 C10	Opal
919008632087	BRS443 GRN48-3S/830 II DK GR CLO-DDF6	grey	919008632289	BRS443 GRN29-3S/740 II DW CLO C10K	grey
919008632089	BRS443 GRN20-3S/740 II DW GR CLO-DDF6	grey	919008632298	BRS443 GRN20-3S/740 II DC GR CLO-DDF6	grey
919008632105	BRS443 GRN39-3S/740 II O-DK CLO-DDF6	Opal	919008632302	BRS443 GRN48-3S/830 II O-DP-R CLO C10K	Opal
919008632108	BRS443 GRN29-3S/740 II DK GR CLO-DDF6	grey	919008632303	BRS443 GRN48-3S/830 II O-DP-L CLO C10K	Opal
919008632124	BRS443 GRN20-3S/740 II O-DK CLO C10K	Opal	919008632313	BRS443 GRN39-3S/740 II O-A CLO C10K	Opal
919008632125	BRS443 GRN24-3S/830 II O-DK CLO-DDF6	Opal	919008632314	BRS443 GRN59-3S/740 II O-DK CLO C10K	Opal
919008632131	BRS443 GRN32-3S/830 II O-DK CLO-DDF6	Opal	919008632326	BRS443 GRN39-3S/740 II DP-R CLO C10K	grey
919008632134	BRS443 GRN29-3S/740 II O-DK CLO-DDF6	Opal	919008632329	BRS443 GRN59-3S/740 II O-DP-R C10K	Opal
919008632139	BRS443 GRN24-3S/830 II O-DW CLO-DDF6 C10	Opal	919008632330	BRS443 GRN40-3S/830 II DC CLO-DDF6 C10K	grey
919008632142	BRS443 GRN59-3S/740 II DW GR CLO-DDF6	grey	919008632347	BRS443 GRN39-3S/740 II O-DP-R CLO-DDF6	Opal
919008632144	BRS443 GRN32-3S/830 II DW GR CLO C10K	grey	919008632372	BRS443 GRN20-3S/740 II DP-R GR C10K	grey
919008632146	BRS443 GRN32-3S/830 II O-DW CLO-DDF6	Opal	919008632425	BRS443 GRN16-3S/830 II O-DW CLO-DDF6C10K	Opal
919008632148	BRS443 GRN32-3S/830 II DP-R GR CLO C10K	grey	919008632038	BSS443 GRN64-3S/830 II O-DSN DDF6 C10K	Opal
919008632149	BRS443 GRN39-3S/740 II DW CLO-DDF6 C10K	Opal	919008632496	BSS443 GRN29-3S/740 II DW GR CLO C10K	grey
919008632151	BRS443 GRN20-3S/740 II O-DC CLO-DDF6	Opal	919008632101	BDS443 GRN39-3S/740 II O-DK CLO C10K	Opal
919008632152	BRS443 GRN56-3S/830 II DK CLO-DDF6 C10K	Opal	919008632404	BDS443 GRN29-3S/740 II DK GR CLO-DDF6	grey

Copenhagen LED Small

