



Copenhagen LED – discreet and timeless design

Copenhagen LED Big

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 Big

Type	BRS441 (side entry version)
	BDS441 (central version)
	BSS441 (suspended version)
Light source	Build-in LED-module
Power (steady state in W, +/- 10%)	19 up to 136 W
Correlated Color	3000 K (Warm white)
Temperature	4000 K (Neutral white)
Luminous flux	GreenLine: 1600 up to 9760 lm
	EconomyLine: 2322 up to 14161 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%
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: 6 to 10 m
	Standard tilt angle: 0°
	Adjustable tilt angle: 2°
	Max SCx: 0,13 m²
Accessories	Mounting brackets for suspended version BSS441
Remarks	BSS441: order mounting bracket separately

Versions



Big Copenhagen LED BRS441
urban-lighting luminaire

Product details

Rope suspension bracket with 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

General Information

Luminaire light beam spread	180°
CE mark	CE mark
Optical cover/lens type	Flat glass
Driver included	Yes
ENEC mark	-
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

Application Conditions

Order Code	Full Product Name	Maximum dim level
919008632001	BRS441 GRN59-3S/740 II O-DK CLO-DDF6	-
919008632002	BRS441 GRN78-3S/740 II O-DK CLO-DDF6	-
919008632019	BRS441 GRN80-3S/830 II DK CLO-DDF6 C10K	-
919008632020	BRS441 GRN24-3S/830 II DW GR CLO-DDF6	-
919008632029	BRS441 GRN32-3S/830 II O-DK CLO-DDF6 C10	-
919008632030	BRS441 GRN64-3S/830 II O-DK CLO-DDF6 C10	-
919008632031	BRS441 GRN80-3S/830 II O-DK CLO-DDF6 C10	-
919008632033	BRS441 GRN78-3S/740 II DK CLO-DDF6 C10K	-
919008632034	BRS441 GRN98-3S/740 II DK CLO-DDF6 C10K	-
919008632035	BRS441 GRN80-3S/830 II DC GR CLO-DDF6	-
919008632040	BRS441 GRN68-3S/740 II O-DK C10K	-
919008632042	BRS441 GRN32-3S/830 II DK GR CLO-DDF6	-
919008632045	BRS441 GRN48-3S/830 II DK GR CLO-DDF6	-
919008632046	BRS441 GRN56-3S/830 II DK GR CLO-DDF6	-
919008632047	BRS441 GRN64-3S/830 II DK GR CLO-DDF6	-
919008632049	BRS441 GRN40-3S/830 II DK GR CLO-DDF6	-
919008632115	BRS441 GRN64-3S/830 II DK GR CLO C10K	-
919008632116	BRS441 GRN56-3S/830 II DK GR CLO C10K	-
919008632118	BRS441 GRN48-3S/830 II DK GR CLO C10K	-
919008632119	BRS441 GRN48-3S/830 II DW GR CLO C10K	-
919008632120	BRS441 GRN40-3S/830 II DK GR CLO C10K	-
919008632122	BRS441 GRN24-3S/830 II DK GR CLO C10K	-
919008632143	BRS441 GRN59-3S/740 II DK GR CLO-DDF6	-
919008632171	BRS441 GRN96-3S/830 II DK GR CLO-DDF6	-
919008632185	BRS441 GRN39-3S/740 II DC GR CLO C10K	-
919008632196	BRS441 GRN98-3S/740 II DC CLO-DDF1 C10K	-
919008632197	BRS441 GRN107-3S/740 II DM CLO-DDF1 C10K	-
919008632199	BRS441 GRN80-3S/830 II DM CLO-DDF1 C10K	-
919008632206	BRS441 GRN107-3S/740 II O-DM CLO-DDF1	-
919008632288	BRS441 GRN49-3S/740 II DK CLO C10K	-
919008632299	BRS441 GRN59-3S/740 II DK GR CLO C10K	-
919008632301	BRS441 GRN78-3S/740 II DK GR CLO C10K	-
919008632307	BRS441 GRN68-3S/740 II O-DK CLO-DDF6 C10	-
919008632335	BRS441 GRN68-3S/740 II DK CLO-DDF6 C10K	-
919008632428	BRS441 ECO142-3S/740 A GR CLO-DDF6 T15	-
919008632468	BRS441 GRN88-3S/740 II A GR CLO C13K	-
919008632535	BRS441 GRN48-3S/830II O-DK CLO-DDF6 C10K	-

Order Code	Full Product Name	Maximum dim level
919008632129	BDS441 GRN98-3S/740 II DK GR RF C13K	10%
919008632137	BDS441 GRN59-3S/740 II O-DK CLO C13K	-
919008632138	BDS441 GRN78-3S/740 II O-DK CLO C13K	-
919008632204	BRS441 GRN98-3S/740 II O-DM CLO-DDF1 C10	-
919008632322	BSS441 ECO116-3S/830 II O-DSN CLO C10K	-
919008632340	BDS441 GRN68-3S/740 II DC 9005 CLO C10K	-

Controls and Dimming

Order Code	Full Product Name	Dimmable
919008632001	BRS441 GRN59-3S/740 II O-DK CLO-DDF6	No
919008632002	BRS441 GRN78-3S/740 II O-DK CLO-DDF6	No
919008632019	BRS441 GRN80-3S/830 II DK CLO-DDF6 C10K	No
919008632020	BRS441 GRN24-3S/830 II DW GR CLO-DDF6	No
919008632029	BRS441 GRN32-3S/830 II O-DK CLO-DDF6 C10	No
919008632030	BRS441 GRN64-3S/830 II O-DK CLO-DDF6 C10	No
919008632031	BRS441 GRN80-3S/830 II O-DK CLO-DDF6 C10	No
919008632033	BRS441 GRN78-3S/740 II DK CLO-DDF6 C10K	No
919008632034	BRS441 GRN98-3S/740 II DK CLO-DDF6 C10K	No
919008632035	BRS441 GRN80-3S/830 II DC GR CLO-DDF6	No
919008632040	BRS441 GRN68-3S/740 II O-DK C10K	No
919008632042	BRS441 GRN32-3S/830 II DK GR CLO-DDF6	No
919008632045	BRS441 GRN48-3S/830 II DK GR CLO-DDF6	No
919008632046	BRS441 GRN56-3S/830 II DK GR CLO-DDF6	No
919008632047	BRS441 GRN64-3S/830 II DK GR CLO-DDF6	No
919008632049	BRS441 GRN40-3S/830 II DK GR CLO-DDF6	No
919008632115	BRS441 GRN64-3S/830 II DK GR CLO C10K	No
919008632116	BRS441 GRN56-3S/830 II DK GR CLO C10K	No
919008632118	BRS441 GRN48-3S/830 II DK GR CLO C10K	No
919008632119	BRS441 GRN48-3S/830 II DW GR CLO C10K	No
919008632120	BRS441 GRN40-3S/830 II DK GR CLO C10K	No
919008632122	BRS441 GRN24-3S/830 II DK GR CLO C10K	No

Order Code	Full Product Name	Dimmable
919008632143	BRS441 GRN59-3S/740 II DK GR CLO-DDF6	No
919008632171	BRS441 GRN96-3S/830 II DK GR CLO-DDF6	No
919008632185	BRS441 GRN39-3S/740 II DC GR CLO C10K	No
919008632196	BRS441 GRN98-3S/740 II DC CLO-DDF1 C10K	No
919008632197	BRS441 GRN107-3S/740 II DM CLO-DDF1 C10K	No
919008632199	BRS441 GRN80-3S/830 II DM CLO-DDF1 C10K	No
919008632206	BRS441 GRN107-3S/740 II O-DM CLO-DDF1	No
919008632288	BRS441 GRN49-3S/740 II DK CLO C10K	No
919008632299	BRS441 GRN59-3S/740 II DK GR CLO C10K	No
919008632301	BRS441 GRN78-3S/740 II DK GR CLO C10K	No
919008632307	BRS441 GRN68-3S/740 II O-DK CLO-DDF6 C10	No
919008632335	BRS441 GRN68-3S/740 II DK CLO-DDF6 C10K	No
919008632428	BRS441 ECO142-3S/740 A GR CLO-DDF6 T15	No
919008632468	BRS441 GRN88-3S/740 II A GR CLO C13K	No
919008632535	BRS441 GRN48-3S/830 II O-DK CLO-DDF6 C10K	No
919008632129	BDS441 GRN98-3S/740 II DK GR RF C13K	Yes
919008632137	BDS441 GRN59-3S/740 II O-DK CLO C13K	No
919008632138	BDS441 GRN78-3S/740 II O-DK CLO C13K	No
919008632204	BRS441 GRN98-3S/740 II O-DM CLO-DDF1 C10	No
919008632322	BSS441 ECO116-3S/830 II O-DSN CLO C10K	No
919008632340	BDS441 GRN68-3S/740 II DC 9005 CLO C10K	No

Operating and Electrical

Order Code	Full Product Name	Driver current
919008632001	BRS441 GRN59-3S/740 II O-DK CLO-DDF6	300 mA
919008632002	BRS441 GRN78-3S/740 II O-DK CLO-DDF6	410 mA
919008632019	BRS441 GRN80-3S/830 II DK CLO-DDF6 C10K	385 mA
919008632020	BRS441 GRN24-3S/830 II DW GR CLO-DDF6	458 mA
919008632029	BRS441 GRN32-3S/830 II O-DK CLO-DDF6 C10	590 mA
919008632030	BRS441 GRN64-3S/830 II O-DK CLO-DDF6 C10	402 mA
919008632031	BRS441 GRN80-3S/830 II O-DK CLO-DDF6 C10	385 mA
919008632033	BRS441 GRN78-3S/740 II DK CLO-DDF6 C10K	410 mA
919008632034	BRS441 GRN98-3S/740 II DK CLO-DDF6 C10K	385 mA
919008632035	BRS441 GRN80-3S/830 II DC GR CLO-DDF6	385 mA
919008632040	BRS441 GRN68-3S/740 II O-DK C10K	-
919008632042	BRS441 GRN32-3S/830 II DK GR CLO-DDF6	590 mA
919008632045	BRS441 GRN48-3S/830 II DK GR CLO-DDF6	455 mA
919008632046	BRS441 GRN56-3S/830 II DK GR CLO-DDF6	352 mA
919008632047	BRS441 GRN64-3S/830 II DK GR CLO-DDF6	402 mA

Order Code	Full Product Name	Driver current
919008632049	BRS441 GRN40-3S/830 II DK GR CLO-DDF6	380 mA
919008632115	BRS441 GRN64-3S/830 II DK GR CLO C10K	402 mA
919008632116	BRS441 GRN56-3S/830 II DK GR CLO C10K	352 mA
919008632118	BRS441 GRN48-3S/830 II DK GR CLO C10K	455 mA
919008632119	BRS441 GRN48-3S/830 II DW GR CLO C10K	455 mA
919008632120	BRS441 GRN40-3S/830 II DK GR CLO C10K	380 mA
919008632122	BRS441 GRN24-3S/830 II DK GR CLO C10K	458 mA
919008632143	BRS441 GRN59-3S/740 II DK GR CLO-DDF6	300 mA
919008632171	BRS441 GRN96-3S/830 II DK GR CLO-DDF6	465 mA
919008632185	BRS441 GRN39-3S/740 II DC GR CLO C10K	300 mA
919008632196	BRS441 GRN98-3S/740 II DC CLO-DDF1 C10K	-
919008632197	BRS441 GRN107-3S/740 II DM CLO-DDF1 C10K	-
919008632199	BRS441 GRN80-3S/830 II DM CLO-DDF1 C10K	-
919008632206	BRS441 GRN107-3S/740 II O-DM CLO-DDF1	-
919008632288	BRS441 GRN49-3S/740 II DK CLO C10K	380 mA

Copenhagen LED Big

Order Code	Full Product Name	Driver current
919008632299	BRS441 GRN59-3S/740 II DK GR CLO C10K	300 mA
919008632301	BRS441 GRN78-3S/740 II DK GR CLO C10K	410 mA
919008632307	BRS441 GRN68-3S/740 II O-DK CLO-DDF6 C10	355 mA
919008632335	BRS441 GRN68-3S/740 II DK CLO-DDF6 C10K	355 mA
919008632428	BRS441 ECO142-3S/740 A GR CLO-DDF6 T15	-
919008632468	BRS441 GRN88-3S/740 II A GR CLO C13K	-
919008632535	BRS441 GRN48-3S/830II O-DK CLO-DDF6 C10K	-

Order Code	Full Product Name	Driver current
919008632129	BDS441 GRN98-3S/740 II DK GR RF C13K	-
919008632137	BDS441 GRN59-3S/740 II O-DK CLO C13K	-
919008632138	BDS441 GRN78-3S/740 II O-DK CLO C13K	-
919008632204	BRS441 GRN98-3S/740 II O-DM CLO-DDF1 C10	-
919008632322	BSS441 ECO116-3S/830 II O-DSN CLO C10K	-
919008632340	BDS441 GRN68-3S/740 II DC 9005 CLO C10K	-

General Information

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632001	BRS441 GRN59-3S/740 II O-DK CLO-DDF6	740 neutral white	GRN59	Distribution comfort	BRS441
919008632002	BRS441 GRN78-3S/740 II O-DK CLO-DDF6	740 neutral white	GRN78	Distribution wet road (DK)	BRS441
919008632019	BRS441 GRN80-3S/830 II DK CLO-DDF6 C10K	830 warm white	GRN80	Distribution wet road (DK)	BRS441
919008632020	BRS441 GRN24-3S/830 II DW GR CLO-DDF6	830 warm white	GRN24	Distribution wide	BRS441
919008632029	BRS441 GRN32-3S/830 II O-DK CLO-DDF6 C10	830 warm white	GRN32	Distribution wet road (DK)	BRS441
919008632030	BRS441 GRN64-3S/830 II O-DK CLO-DDF6 C10	830 warm white	GRN64	Distribution wet road (DK)	BRS441
919008632031	BRS441 GRN80-3S/830 II O-DK CLO-DDF6 C10	830 warm white	GRN80	Distribution wet road (DK)	BRS441
919008632033	BRS441 GRN78-3S/740 II DK CLO-DDF6 C10K	740 neutral white	GRN78	Distribution wet road (DK)	BRS441
919008632034	BRS441 GRN98-3S/740 II DK CLO-DDF6 C10K	740 neutral white	GRN98	Distribution wet road (DK)	BRS441
919008632035	BRS441 GRN80-3S/830 II DC GR CLO-DDF6	830 warm white	GRN80	Distribution comfort	BRS441
919008632040	BRS441 GRN68-3S/740 II O-DK C10K	740 neutral white	GRN68	Distribution wet road (DK)	BRS441
919008632042	BRS441 GRN32-3S/830 II DK GR CLO-DDF6	830 warm white	GRN32	Distribution wet road (DK)	BRS441

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632045	BRS441 GRN48-3S/830 II DK GR CLO-DDF6	830 warm white	GRN48	Distribution wet road (DK)	BRS441
919008632046	BRS441 GRN56-3S/830 II DK GR CLO-DDF6	830 warm white	GRN56	Distribution wet road (DK)	BRS441
919008632047	BRS441 GRN64-3S/830 II DK GR CLO-DDF6	830 warm white	GRN64	Distribution wet road (DK)	BRS441
919008632049	BRS441 GRN40-3S/830 II DK GR CLO-DDF6	830 warm white	GRN40	Distribution wet road (DK)	BRS441
919008632115	BRS441 GRN64-3S/830 II DK GR CLO C10K	830 warm white	GRN64	Distribution wet road (DK)	BRS441
919008632116	BRS441 GRN56-3S/830 II DK GR CLO C10K	830 warm white	GRN56	Distribution wet road (DK)	BRS441
919008632118	BRS441 GRN48-3S/830 II DK GR CLO C10K	830 warm white	GRN48	Distribution wet road (DK)	BRS441
919008632119	BRS441 GRN48-3S/830 II DW GR CLO C10K	830 warm white	GRN48	Distribution wide	BRS441
919008632120	BRS441 GRN40-3S/830 II DK GR CLO C10K	830 warm white	GRN40	Distribution wet road (DK)	BRS441
919008632122	BRS441 GRN24-3S/830 II DK GR CLO C10K	830 warm white	GRN24	Distribution wet road (DK)	BRS441
919008632143	BRS441 GRN59-3S/740 II DK GR CLO-DDF6	740 neutral white	GRN59	Distribution wet road (DK)	BRS441
919008632171	BRS441 GRN96-3S/830 II DK GR CLO-DDF6	830 warm white	GRN96	Distribution wet road (DK)	BRS441
919008632185	BRS441 GRN39-3S/740 II DC GR CLO C10K	740 neutral white	GRN39	Distribution comfort	BRS441

Copenhagen LED Big

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632196	BRS441 GRN98-3S/740 II DC CLO-DDF1 C10K	740 neutral white	GRN98	Distribution comfort	BRS441
919008632197	BRS441 GRN107-3S/740 II DM CLO-DDF1 C10K	740 neutral white	GRN107	Distribution medium	BRS441
919008632199	BRS441 GRN80-3S/830 II DM CLO-DDF1 C10K	830 warm white	GRN80	Distribution medium	BRS441
919008632206	BRS441 GRN107-3S/740 II O-DM CLO-DDF1	740 neutral white	GRN107	Distribution medium	BRS441
919008632288	BRS441 GRN49-3S/740 II DK CLO C10K	740 neutral white	GRN49	Distribution wet road (DK)	BRS441
919008632299	BRS441 GRN59-3S/740 II DK GR CLO C10K	740 neutral white	GRN59	Distribution wet road (DK)	BRS441
919008632301	BRS441 GRN78-3S/740 II DK GR CLO C10K	740 neutral white	GRN78	Distribution wet road (DK)	BRS441
919008632307	BRS441 GRN68-3S/740 II O-DK CLO-DDF6 C10	740 neutral white	GRN68	Distribution wet road (DK)	BRS441
919008632335	BRS441 GRN68-3S/740 II DK CLO-DDF6 C10K	740 neutral white	GRN68	Distribution wet road (DK)	BRS441

Order Code	Full Product Name	Light source color	Lamp family code	Optic type	Product Family Code
919008632428	BRS441 ECO142-3S/740 A GR CLO-DDF6 T15	740 neutral white	ECO142	Asymmetrical	BRS441
919008632468	BRS441 GRN88-3S/740 II A GR CLO C13K	740 neutral white	GRN88	Asymmetrical	BRS441
919008632535	BRS441 GRN48-3S/ 830 II O-DK CLO- DDF6 C10K	830 warm white	GRN48	Distribution wet road (DK)	BRS441
919008632129	BDS441 GRN98-3S/740 II DK GR RF C13K	740 neutral white	GRN98	Distribution wet road (DK)	BDS441
919008632137	BDS441 GRN59-3S/740 II O-DK CLO C13K	740 neutral white	GRN59	Distribution wet road (DK)	BDS441
919008632138	BDS441 GRN78-3S/740 II O- DK CLO C13K	740 neutral white	GRN78	Distribution wet road (DK)	BDS441
919008632204	BRS441 GRN98-3S/740 II O-DM CLO-DDF1 C10	740 neutral white	GRN98	Distribution medium	BRS441
919008632322	BSS441 ECO116-3S/830 II O-DSN CLO C10K	830 warm white	ECO116	Distribution symmetrical narrow	BSS441
919008632340	BDS441 GRN68-3S/740 II DC 9005 CLO C10K	740 neutral white	GRN68	Distribution comfort	BDS441

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008632001	BRS441 GRN59-3S/740 II O-DK CLO-DDF6	4000 K	≥70	4960 lm
919008632002	BRS441 GRN78-3S/740 II O-DK CLO-DDF6	4000 K	≥70	6560 lm
919008632019	BRS441 GRN80-3S/830 II DK CLO-DDF6 C10K	3000 K	≥80	6880 lm
919008632020	BRS441 GRN24-3S/830 II DW GR CLO-DDF6	3000 K	≥80	2000 lm
919008632029	BRS441 GRN32-3S/830 II O-DK CLO-DDF6 C10	3000 K	≥80	2480 lm
919008632030	BRS441 GRN64-3S/830 II O-DK CLO-DDF6 C10	3000 K	≥80	5360 lm
919008632031	BRS441 GRN80-3S/830 II O-DK CLO-DDF6 C10	3000 K	≥80	6880 lm
919008632033	BRS441 GRN78-3S/740 II DK CLO-DDF6 C10K	4000 K	≥70	6560 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008632034	BRS441 GRN98-3S/740 II DK CLO-DDF6 C10K	4000 K	≥70	8240 lm
919008632035	BRS441 GRN80-3S/830 II DC GR CLO-DDF6	3000 K	≥80	6880 lm
919008632040	BRS441 GRN68-3S/740 II O-DK C10K	4000 K	≥70	5760 lm
919008632042	BRS441 GRN32-3S/830 II DK GR CLO-DDF6	3000 K	≥80	2480 lm
919008632045	BRS441 GRN48-3S/830 II DK GR CLO-DDF6	3000 K	≥80	4000 lm
919008632046	BRS441 GRN56-3S/830 II DK GR CLO-DDF6	3000 K	≥80	4800 lm
919008632047	BRS441 GRN64-3S/830 II DK GR CLO-DDF6	3000 K	≥80	5360 lm
919008632049	BRS441 GRN40-3S/830 II DK GR CLO-DDF6	3000 K	≥80	3440 lm

Copenhagen LED Big

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008632115	BRS441 GRN64-3S/830 II DK GR CLO C10K	3000 K	≥80	5360 lm
919008632116	BRS441 GRN56-3S/830 II DK GR CLO C10K	3000 K	≥80	4800 lm
919008632118	BRS441 GRN48-3S/830 II DK GR CLO C10K	3000 K	≥80	4000 lm
919008632119	BRS441 GRN48-3S/830 II DW GR CLO C10K	3000 K	≥80	4000 lm
919008632120	BRS441 GRN40-3S/830 II DK GR CLO C10K	3000 K	≥80	3440 lm
919008632122	BRS441 GRN24-3S/830 II DK GR CLO C10K	3000 K	≥80	2000 lm
919008632143	BRS441 GRN59-3S/740 II DK GR CLO-DDF6	4000 K	≥70	4960 lm
919008632171	BRS441 GRN96-3S/830 II DK GR CLO-DDF6	3000 K	≥80	8160 lm
919008632185	BRS441 GRN39-3S/740 II DC GR CLO C10K	4000 K	≥70	3280 lm
919008632196	BRS441 GRN98-3S/740 II DC CLO-DDF1 C10K	4000 K	≥70	8240 lm
919008632197	BRS441 GRN107-3S/740 II DM CLO-DDF1 C10K	4000 K	≥70	9040 lm
919008632199	BRS441 GRN80-3S/830 II DM CLO-DDF1 C10K	3000 K	≥80	6880 lm
919008632206	BRS441 GRN107-3S/740 II O-DM CLO-DDF1	4000 K	≥70	9040 lm
919008632288	BRS441 GRN49-3S/740 II DK CLO C10K	4000 K	≥70	4080 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
919008632299	BRS441 GRN59-3S/740 II DK GR CLO C10K	4000 K	≥70	4960 lm
919008632301	BRS441 GRN78-3S/740 II DK GR CLO C10K	4000 K	≥70	6560 lm
919008632307	BRS441 GRN68-3S/740 II O-DK CLO-DDF6 C10	4000 K	≥70	5760 lm
919008632335	BRS441 GRN68-3S/740 II DK CLO-DDF6 C10K	4000 K	≥70	5760 lm
919008632428	BRS441 ECO142-3S/740 A GR CLO-DDF6 T15	4000 K	≥70	11920 lm
919008632468	BRS441 GRN88-3S/740 II A GR CLO C13K	4000 K	≥70	7360 lm
919008632535	BRS441 GRN48-3S/830 II O-DK CLO-DDF6 C10K	3000 K	≥80	4000 lm
919008632129	BDS441 GRN98-3S/740 II DK GR RF C13K	4000 K	≥70	8240 lm
919008632137	BDS441 GRN59-3S/740 II O-DK CLO C13K	4000 K	≥70	4960 lm
919008632138	BDS441 GRN78-3S/740 II O-DK CLO C13K	4000 K	≥70	6560 lm
919008632204	BRS441 GRN98-3S/740 II O-DM CLO-DDF1 C10	4000 K	≥70	8240 lm
919008632322	BSS441 ECO116-3S/830 II O-DSN CLO C10K	3000 K	≥80	9760 lm
919008632340	BDS441 GRN68-3S/740 II DC 9005 CLO C10K	4000 K	≥70	5760 lm

Mechanical and Housing

Order Code	Full Product Name	Color
919008632001	BRS441 GRN59-3S/740 II O-DK CLO-DDF6	Opal
919008632002	BRS441 GRN78-3S/740 II O-DK CLO-DDF6	Opal
919008632019	BRS441 GRN80-3S/830 II DK CLO-DDF6 C10K	Opal
919008632020	BRS441 GRN24-3S/830 II DW GR CLO-DDF6	grey
919008632029	BRS441 GRN32-3S/830 II O-DK CLO-DDF6 C10	Opal
919008632030	BRS441 GRN64-3S/830 II O-DK CLO-DDF6 C10	Opal
919008632031	BRS441 GRN80-3S/830 II O-DK CLO-DDF6 C10	Opal
919008632033	BRS441 GRN78-3S/740 II DK CLO-DDF6 C10K	Opal
919008632034	BRS441 GRN98-3S/740 II DK CLO-DDF6 C10K	Opal
919008632035	BRS441 GRN80-3S/830 II DC GR CLO-DDF6	grey
919008632040	BRS441 GRN68-3S/740 II O-DK C10K	Opal
919008632042	BRS441 GRN32-3S/830 II DK GR CLO-DDF6	grey
919008632045	BRS441 GRN48-3S/830 II DK GR CLO-DDF6	grey
919008632046	BRS441 GRN56-3S/830 II DK GR CLO-DDF6	grey
919008632047	BRS441 GRN64-3S/830 II DK GR CLO-DDF6	grey
919008632049	BRS441 GRN40-3S/830 II DK GR CLO-DDF6	grey
919008632115	BRS441 GRN64-3S/830 II DK GR CLO C10K	grey
919008632116	BRS441 GRN56-3S/830 II DK GR CLO C10K	grey

Order Code	Full Product Name	Color
919008632118	BRS441 GRN48-3S/830 II DK GR CLO C10K	grey
919008632119	BRS441 GRN48-3S/830 II DW GR CLO C10K	grey
919008632120	BRS441 GRN40-3S/830 II DK GR CLO C10K	grey
919008632122	BRS441 GRN24-3S/830 II DK GR CLO C10K	grey
919008632143	BRS441 GRN59-3S/740 II DK GR CLO-DDF6	grey
919008632171	BRS441 GRN96-3S/830 II DK GR CLO-DDF6	grey
919008632185	BRS441 GRN39-3S/740 II DC GR CLO C10K	grey
919008632196	BRS441 GRN98-3S/740 II DC CLO-DDF1 C10K	Opal
919008632197	BRS441 GRN107-3S/740 II DM CLO-DDF1 C10K	Opal
919008632199	BRS441 GRN80-3S/830 II DM CLO-DDF1 C10K	Opal
919008632206	BRS441 GRN107-3S/740 II O-DM CLO-DDF1	Opal
919008632288	BRS441 GRN49-3S/740 II DK CLO C10K	Opal
919008632299	BRS441 GRN59-3S/740 II DK GR CLO C10K	grey
919008632301	BRS441 GRN78-3S/740 II DK GR CLO C10K	grey
919008632307	BRS441 GRN68-3S/740 II O-DK CLO-DDF6 C10	Opal
919008632335	BRS441 GRN68-3S/740 II DK CLO-DDF6 C10K	Opal
919008632428	BRS441 ECO142-3S/740 A GR CLO-DDF6 T15	grey
919008632468	BRS441 GRN88-3S/740 II A GR CLO C13K	Opal

Copenhagen LED Big

Order Code	Full Product Name	Color
919008632535	BRS441 GRN48-3S/830II O-DK CLO-DDF6 C10K	Opal
919008632129	BDS441 GRN98-3S/740 II DK GR RF C13K	grey
919008632137	BDS441 GRN59-3S/740 II O-DK CLO C13K	Opal
919008632138	BDS441 GRN78-3S/740 II O-DK CLO C13K	Opal

Order Code	Full Product Name	Color
919008632204	BRS441 GRN98-3S/740 II O-DM CLO-DDF1 C10	Opal
919008632322	BSS441 ECO116-3S/830 II O-DSN CLO C10K	Opal
919008632340	BDS441 GRN68-3S/740 II DC 9005 CLO C10K	Opal

