



Trusted performance.. Everyday..

SmartBright Highbay

SmartBright Highbay is a high efficient and reliable LED luminaire. Designed as the point to point replacement for HPI 250W/400W luminaires, it offers customers all the benefits of LED lighting – reduced energy consumption, longer service time and less maintenance. In addition, with using high quality of the optical cover, it provides an excellent quality of light, which effectively improves the comfort of your environment.

Benefits

- Energy saving up to 65% comparing to HPI-P system
- Comfort light quality
- Safe & Reliable
- Easy installation and retrofitting

Features

- High efficacy: 120 lumens per watt
- High quality optical Lens cover
- Lifetime of 30,000 hours @ Ta35°C with end-to-end Philips production quality assurance
- Full family is in compliance with CB and EMC norms
- Suitable for pole, hook, bracket mounting

Application

- Industry : Factories, warehouses, workshops, assembly lines, etc.
- High ceiling indoor : Shopping malls, airports, stadium, etc.

SmartBright Highbay

Versions



SmartBright Highbay G4

Product details



SmartBright Highbay G4



SmartBright Highbay G4

Application conditions

Ambient temperature range -20 to +45 °C

Approval and application

Mech. impact protection code IK06

Ingress protection code IP65

Controls and dimming

Dimmable No

Operating and electrical

Input Voltage 220 to 240 V

General information

CE mark CE mark

Protection class IEC Safety class I

Optical cover/lens type Lens

Flammability mark -

Initial performance (IEC compliant)

Init. Color Rendering Index >80

Initial LED luminaire efficacy 120 lm/W

Luminous flux tolerance +/-10%

Mechanical and housing

Color Dark gray

Initial performance (IEC compliant)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color Temperature	Initial luminous flux	Initial input power
911401614508	BY239P LED240/CW PSU GM G2 C1000	(0.316, 0.332) SDCM<5	6500 K	24000 lm	200 W
911401614608	BY239P LED180/CW PSU GM G2 C1000	(0.316, 0.332) SDCM<5	6500 K	18000 lm	150 W
911401614708	BY239P LED120/CW PSU GM G2 C1000	(0.316, 0.332) SDCM<5	6500 K	12000 lm	100 W
911401639907	BY239P LED70/CW PSU GM G2	(0.316, 0.332) SDCM<5	6500 K	7000 lm	60 W
911401640007	BY239P LED70/NW PSU GM G2	(0.385, 0.380) SDCM<5	4000 K	7000 lm	60 W
911401640107	BY239P LED120/CW PSU GM G2	(0.316, 0.332) SDCM<5	6500 K	12000 lm	100 W
911401640207	BY239P LED120/NW PSU GM G2	(0.385, 0.380) SDCM<5	4000 K	12000 lm	100 W
911401640307	BY239P LED180/CW PSU GM G2	(0.316, 0.332) SDCM<5	6500 K	18000 lm	150 W
911401640407	BY239P LED180/NW PSU GM G2	(0.385, 0.380) SDCM<5	4000 K	18000 lm	150 W
911401640507	BY239P LED240/CW PSU GM G2	(0.316, 0.332) SDCM<5	6500 K	24000 lm	200 W
911401640607	BY239P LED240/NW PSU GM G2	(0.385, 0.380) SDCM<5	4000 K	24000 lm	200 W

