



Trusted performance. Everyday.

SmartBright Highbay G3

SmartBright Highbay G3 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 plate, 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: 100 lumens per watt
- High quality optical cover ensure good uniformity
- Lifetime of 30,000 hours @ Ta35°C with end-to-end Philips production quality assurance
- Full family is in compliance with CCC norms
- Suitable for pole and hook mounting

Application

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

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Versions



Product details

Solid Aluminum diecasting housing



Solid Aluminum diecasting housing



Accessories

Reflector for 15k&20k lumen

Ordercode 911401568651



Reflector for 6k&10k lumen

Ordercode 911401580051



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Application Conditions

Ambient temperature range	-20 to +45 °C
Maximum dim level	Not applicable
Suitable for random switching	Not applicable

Approval and Application

Mech. impact protection code	IK06
Ingress protection code	IP50

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Voltage	220 to 240 V
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General Information

Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class I
Driver included	Yes
ENEC mark	-
Flammability mark	-
Glow-wire test	Temperature 650 °C, duration 5 s
Light source replaceable	No
Number of gear units	1 unit
Optic type	-

Initial Performance (IEC Compliant)

Init. Color Rendering Index	80
Luminous flux tolerance	+/-10%

Mechanical and Housing

Color	Dark gray
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Over Time Performance (IEC Compliant)

Median useful life L80B50	20000 h
Median useful life L90B50	10000 h

Initial Performance (IEC Compliant) (1/2)

Order Code	Full Product Name	Initial chromaticity	Init. Corr. Color	Initial LED	
			Temperature	luminaire efficacy	Initial luminous flux
911401582451	BY238P LED60/CW PSU RLC	(0.313.0.324)SDCM<5	6500 K	97 lm/W	6000 lm
911401582551	BY238P LED60/NW PSU RLC	(0.38.0.38)SDCM<5	4000 K	97 lm/W	6000 lm
911401582651	BY238P LED100/CW PSU RLC	(0.313.0.324)SDCM<5	6500 K	103 lm/W	10000 lm
911401582751	BY238P LED100/NW PSU RLC	(0.38.0.38)SDCM<5	4000 K	103 lm/W	10000 lm
911401582851	BY238P LED150/CW PSU RLC	(0.313.0.324)SDCM<5	6500 K	104 lm/W	15000 lm
911401582951	BY238P LED150/NW PSU RLC	(0.38.0.38)SDCM<5	4000 K	104 lm/W	15000 lm
911401583051	BY238P LED200/CW PSU RLC	(0.313.0.324)SDCM<5	6500 K	105 lm/W	20000 lm
911401583151	BY238P LED200/NW PSU RLC	(0.38.0.38)SDCM<5	4000 K	105 lm/W	20000 lm

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power	Order Code	Full Product Name	Initial input power
911401582451	BY238P LED60/CW PSU RLC	92 W	911401582851	BY238P LED150/CW PSU RLC	145 W
911401582551	BY238P LED60/NW PSU RLC	92 W	911401582951	BY238P LED150/NW PSU RLC	145 W
911401582651	BY238P LED100/CW PSU RLC	97 W	911401583051	BY238P LED200/CW PSU RLC	190 W
911401582751	BY238P LED100/NW PSU RLC	150 W	911401583151	BY238P LED200/NW PSU RLC	190 W

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