



Trusted Performance, Everyday

SmartBright Highbay G3

SmartBright Highbay G3 is a highly efficient and reliable LED luminaire. Designed as the point-to-point replacement for HPI 250 W/400 W luminaires, it offers customers all the benefits of LED lighting – reduced energy consumption, longer service time and less maintenance. In addition, using the high-quality optical provides an excellent quality of light, which effectively improves the comfort of your environment.

Benefits

- \cdot 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
- The high-quality optical cover ensures good uniformity
- Lifetime of 30,000 hours @ Ta35℃ with end-to-end Philips production quality assurance
- Full family is in compliance with CB and EMC norms
- · Suitable for pole and hook mounting

Application

- Industry : Factories, warehouses, workshops, assembly lines, etc.
- High ceiling indoors: Shopping centres, airports, stadiums, etc.

SmartBright Highbay G3

Versions



Product details

Solid Aluminum diecasting housing





Solid Aluminum diecasting housing

Accessories



Ordercode 911401568651



Ordercode 911401580051

SmartBright Highbay G3

Driver failure rate at 5,000 hours	0.01 %
Anniestian Canditions	
Application Conditions	20 to 145 °C
Ambient temperature range	-20 to +45 °C
Maximum dimming level	Not applicable
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	
Beam angle of light source	- °
CE mark	CE mark
Protection class IEC	Safety class I (I)
Optical cover/lens type	Polycarbonate
	bowl/cover foggy
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Glow-wire test	650/5
Light source replaceable	No
Number of gear units	1 unit
Optic type	No
Initial Performance (IEC Complia	unt)
Init. Colour rendering index	80
Luminous flux tolerance	+/-10%
Edition of the Colerance	. / - 10 /6
Mechanical and Housing	
Colour	Dark Grey
Over Time Performance (IEC Cor	nnliant)
Median useful life L80B50	20000 h
Median userul life Loubou	2000011

Initial Performance (IEC Compliant) (1/2)

911401564551 BY239P (0.38.0.38)SDCM<5 4000 K 97 lm/W 6000 lm LED60/NW PSU 911401564651 BY239P (0.313.0.324)SDCM<5 6500 K 103 lm/W 10000 lm		•	. , , ,			
Order Code Name Initial chromaticity Temperature efficacy luminous 911401564551 BY239P (0.38.0.38)SDCM<5 4000 K 97 lm/W 6000 lm 911401564651 BY239P (0.313.0.324)SDCM<5 6500 K 103 lm/W 10000 lm					Initial LED	
911401564551 BY239P (0.38.0.38)SDCM<5 4000 K 97 lm/W 6000 lm LED60/NW PSU 911401564651 BY239P (0.313.0.324)SDCM<5 6500 K 103 lm/W 10000 lm		Full Product		Init. Corr. Colour	luminaire	Initial
LED60/NW PSU 911401564651 BY239P (0.313.0.324)SDCM<5 6500 K 103 lm/W 10000 lm	Order Code	Name	Initial chromaticity	Temperature	efficacy	luminous flux
911401564651 BY239P (0.313.0.324)SDCM<5 6500 K 103 lm/W 10000 ln	911401564551	BY239P	(0.38.0.38)SDCM<5	4000 K	97 lm/W	6000 lm
, , , , , , , , , , , , , , , , , , , ,		LED60/NW PSU				
LED100/CW PSU	911401564651	BY239P	(0.313.0.324)SDCM<5	6500 K	103 lm/W	10000 lm
223.00/ 011 1 30		LED100/CW PSU				
911401564751 BY239P (0.38.0.38)SDCM<5 4000 K 103 lm/W 10000 lr	911401564751	BY239P	(0.38.0.38)SDCM<5	4000 K	103 lm/W	10000 lm
LED100/NW PSU		LED100/NW PSU				
911401564851 BY239P (0.313.0.324)SDCM<5 6500 K 104 lm/W 15000 ln	911401564851	BY239P	(0.313.0.324)SDCM<5	6500 K	104 lm/W	15000 lm
LED150/CW PSU		LED150/CW PSU				
911401565051 BY239P (0.313.0.324)SDCM<5 6500 K 105 lm/W 20000 ln	911401565051	BY239P	(0.313.0.324)SDCM<5	6500 K	105 lm/W	20000 lm
LED200/CW PSU		LED200/CW PSU				
911401565151 BY239P (0.38.0.38)SDCM<5 4000 K 105 lm/W 20000 ln	911401565151	BY239P	(0.38.0.38)SDCM<5	4000 K	105 lm/W	20000 lm
LED200/NW PSU		LED200/NW PSU				

Initial Performance (IEC Compliant) (2/2)

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Order Code	Full Product Name	Initial input power
911401564551	BY239P LED60/NW PSU	62 W
911401564651	BY239P LED100/CW PSU	97 W
911401564751	BY239P LED100/NW PSU	97 W

Order Code	Full Product Name	Initial input power
911401564851	BY239P LED150/CW PSU	145 W
911401565051	BY239P LED200/CW PSU	190 W
911401565151	BY239P LED200/NW PSU	190 W

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