



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 %			
Application Conditions				
Ambient temperature range	-20 to +45 °C			
Maximum dimming level	Not applicable			
Americal and Amelication				
Approval and Application	11/05			
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 Bartarranae (IEC Carrelia				
Initial Performance (IEC Complia	80			
Init. Colour rendering index Luminous flux tolerance	+/-10%			
Luminous nux toterdrice	1/-10%			
Mechanical and Housing				
Colour	Dark Grey			
Over Time Performance (IEC Compliant)				
Median useful life L80B50	20000 h			
Median useful life L90B50	10000 h			

Initial Performance (IEC Compliant) (1/2)

				Initial LED	
	Full Product		Init. Corr. Colour	luminaire	Initial
Order Code	Name	Initial chromaticity	Temperature	efficacy	luminous flux
911401564451	BY239P	(0.313.0.324)SDCM<5	6500 K	97 lm/W	6000 lm
	LED60/CW PSU				
911401564551	BY239P	(0.38.0.38)SDCM<5	4000 K	97 lm/W	6000 lm
	LED60/NW PSU				
911401564951	BY239P	(0.38.0.38)SDCM<5	4000 K	104 lm/W	15000 lm
	LED150/NW PSU				
911401565151	BY239P	(0.38.0.38)SDCM<5	4000 K	105 lm/W	20000 lm
	LED200/NW PSU				

Initial Performance (IEC Compliant) (2/2)

Order Code	Full Product Name	Initial input power
911401564451	BY239P LED60/CW PSU	62 W
911401564551	BY239P LED60/NW PSU	62 W

Order Code	Full Product Name	Initial input power
911401564951	BY239P LED150/NW PSU	145 W
911401565151	BY239P LED200/NW PSU	190 W

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