



# 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

# SmartBright Highbay G3

Application Conditions  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  CE mark CE mark  Protection class IEC Safety class I (I)  Driver included Yes  ENEC mark -  Flammability mark NO  Light source replaceable No  Number of gear units 1 unit  Initial Performance (IEC Compliant)  Initial LED luminaire efficacy 105 lm/W  Initial Luminous flux 20000 lm  Luminous flux tolerance +/-10%  Initial input power 190 W  Mechanical and Housing	-	
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Luminous flux tolerance +/-10% Initial input power 190 W  Mechanical and Housing	Initial LED luminaire efficacy	105 lm/W
Initial input power 190 W  Mechanical and Housing	Initial luminous flux	20000 lm
Mechanical and Housing	Luminous flux tolerance	+/-10%
	Initial input power	190 W
<b>Colour</b> Dark Grey		
	Colour	Dark Grey

#### **Application Conditions**

Order Code	Full Product Name	Suitable for random switching
911401538161	BY239P LED200/CW PSU CAU	No
911401565351	BY239P LED200/NW PSU CAU	-

#### **General Information**

		Beam angle of			
	Full Product	light	Optical cover/lens	Glow-	
Order Code	Name	source	type	wire test	Optic type
911401538161	BY239P	-	0	NO	Symmetrical
	LED200/CW				
	PSU CAU				

		Beam angle of			
	Full Product	light	Optical cover/lens	Glow-	
Order Code	Name	source	type	wire test	Optic type
911401565351	BY239P	- °	Polycarbonate	650/5	No
	LED200/NW		bowl/cover foggy		
	PSU CAU				

#### Initial Performance (IEC Compliant)

				Init. Colour
	Full Product		Init. Corr. Colour	rendering
Order Code	Name	Initial chromaticity	Temperature	index
911401538161	BY239P	-	5000 K	>80
	LED200/CW PSU			
	CAU			

### **SmartBright Highbay G3**

				Init. Colour
	Full Product		Init. Corr. Colour	rendering
Order Code	Name	Initial chromaticity	Temperature	index
911401565351	BY239P	(0.38.0.38)SDCM<5	4000 K	80
	LED200/NW PSU			
	CAU			

#### Over Time Performance (IEC Compliant)

		Median useful life	Median useful life
Order Code	Full Product Name	L80B50	L90B50
911401538161	BY239P LED200/CW PSU	-	-
	CAU		

		Median useful life	Median useful life
Order Code	Full Product Name	L80B50	L90B50
911401565351	BY239P LED200/NW PSU	20000 h	10000 h
	CAU		

