



# SmartBright Highbay G3

## BY239P LED200/CW PSU CAU

Power supply unit - - Polycarbonate bowl/cover foggy - 100°

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.

### Product data

EU RoHS compliant	No
Light source engine type	LED

### Operating and Electrical

Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
Inrush current	10.8 A
Inrush time	0.15 ms

### General information

Beam angle of light source	- °
Light source colour	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [ Power supply unit]
Driver included	Yes
Optic type	No [-]
Optical cover/lens type	Polycarbonate bowl/cover foggy
Luminaire light beam spread	100°
Control interface	-
Connection	No [-]
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I (I)
Glow-wire test	650/5 [ Temperature 650 °C, duration 5 s]
Flammability mark	NO [-]

Number of products on MCB (16 A type B) 12

Datasheet, 2022, January 23 data subject to change

CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No

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Power factor (min.)	0.9	Initial chromaticity	(0.313.0.324)SDCM<5
		Initial input power	190 W
		Power consumption tolerance	+/-10%

### Controls and Dimming

Dimmable	No	Median useful life L70B50	30000 h
		Median useful life L80B50	20000 h
		Median useful life L90B50	10000 h

### Mechanical and Housing

Housing material	Aluminum die-cast	<b>Application Conditions</b>	
Reflector material	-	Ambient temperature range	-20 to +45 °C
Optic material	-	Maximum dimming level	Not applicable
Optical cover/lens material	Polycarbonate	<b>Product Data</b>	
Fixation material	Aluminium	Full product code	911401565251
Optical cover/lens finish	Frosted	Order product name	BY239P LED200/CW PSU CAU
Overall height	60 mm	EAN/UPC – product	6923828633479
Overall diameter	344 mm	Order code	01565251
Colour	Dark gray	SAP numerator – quantity per pack	1
		Numerator – packs per outer box	4

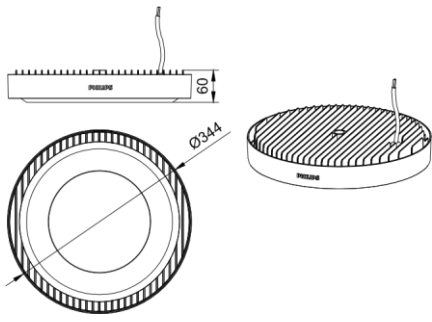
### Approval and Application

Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]	SAP material	911401565251
Mech. impact protection code	IK06 [ 1 J]	SAP net weight (piece)	3.500 kg

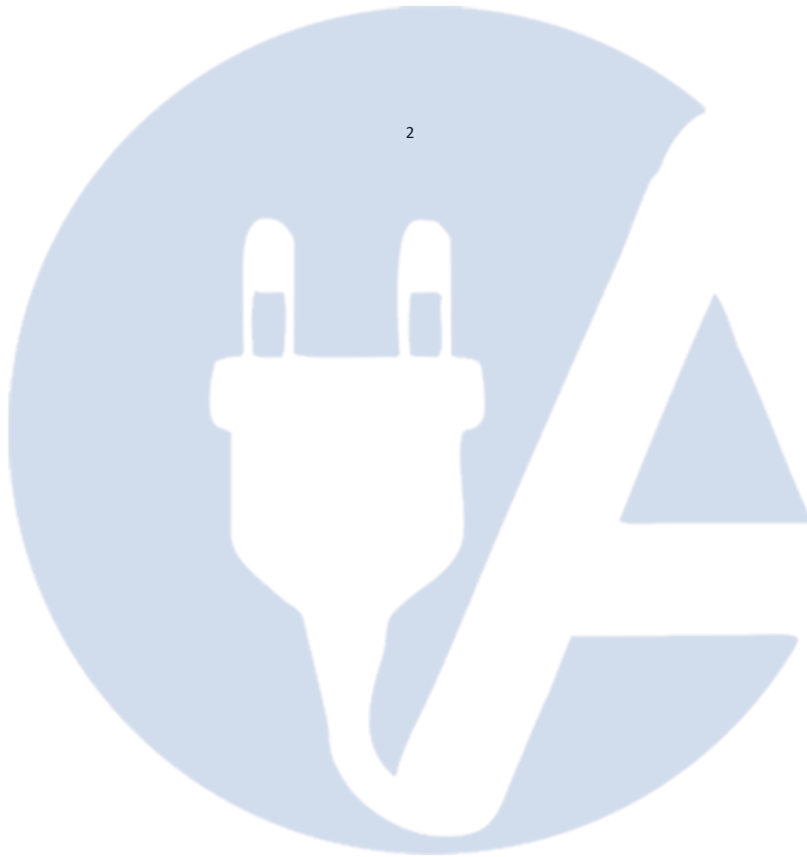
### Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	20000 lm	<b>Over Time Performance (IEC Compliant)</b>	
Luminous flux tolerance	+/-10%	850°C	IP 65
Initial LED luminaire efficacy	105 lm/W	IK 06	⊕
Init. Corr. Colour Temperature	6500 K		
Init. Colour rendering index	80		

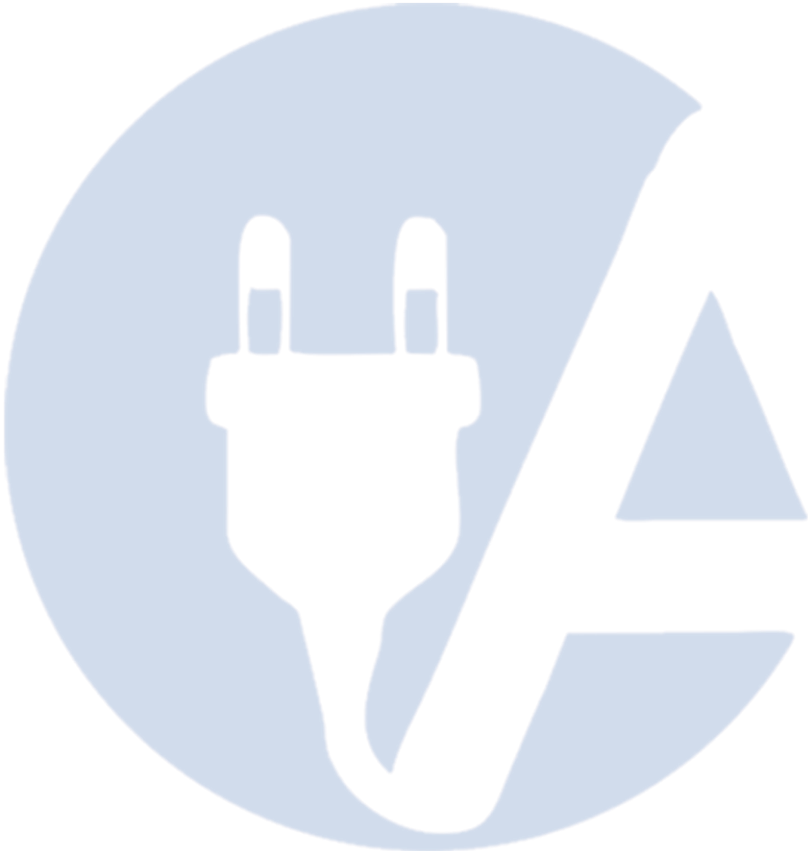
## Dimensional drawing



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