



# **SmartBright Highbay G3**

## BY239P LED200/CW PSU CAU

SmartBright Highbay G3, 190 W, 20000 lm, 5000 K, 100°

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 cover, it provides an excellent quality of light, which effectively improves the comfort of your environment.

### **Product data**

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
CE mark	CE mark
Warranty period	3 years
Flammability mark	-
ENEC mark	-
Glow-wire test	-
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	20,000 lm
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	105 lm/W

Color rendering index (CRI)	>80	
Light source color	850 neutral white	
Optic type	Symmetrical	
Optical cover type	Opal	
Luminaire light beam spread	100°	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Inrush current	10.8 A	
Inrush time	0.15 ms	
Power Consumption	190 W	
Power Factor (Fraction)	0.9	
Cable	-	
Number of products on MCB of 16 A type B 12		

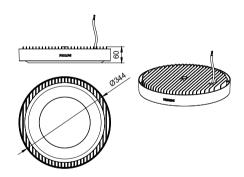
Datasheet, 2023, April 29 data subject to change

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Temperature	
Ambient temperature range	-20 to +45 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	-
Housing Color	Dark gray
Optical cover finish	Frosted
Overall height	60 mm
Overall diameter	344 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof
Mech. impact protection code	IK06 [1 J]
Protection class IEC	Safety class I

Initial Performance (IEC Complian	nt)
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	30,000 hour(s)
<b>Application Conditions</b>	
Maximum dim level	Not applicable
Suitable for random switching	No
Product Data	
Order product name	BY239P LED200/CW PSU CAU
Full product name	BY239P LED200/CW PSU CAU
Full product code	871016334729599
Order code	911401538161
Material Nr. (12NC)	911401538161
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163347295
Numerator - Packs per outer box	4
EAN/UPC - Case	8710163347301

### Dimensional drawing





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