

SmartBright Highbay G3

BY239P LED150/CW PSU CAU

SmartBright Highbay G3, 145 W, 15000 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	15,000 lm
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	104 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	145 W
Power Factor (Fraction)	0.9
Cable	-
Number of products on MCB of 16 A type B	16

SmartBright Highbay G3

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

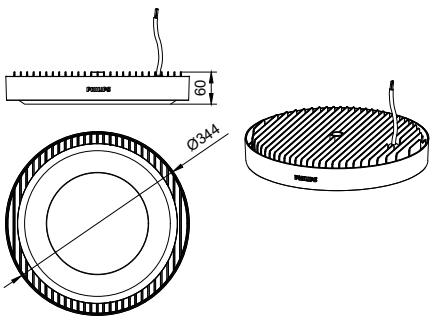
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	30,000 h

Application Conditions	
Maximum dim level	Not applicable
Suitable for random switching	No

Product Data	
Order product name	BY239P LED150/CW PSU CAU
Full product name	BY239P LED150/CW PSU CAU
Full product code	871016334723399
Local code description	BY239PL15CWPSU
Order code	911401538261
Material Nr. (12NC)	911401538261
Local order code	BY239PL15CWPSU
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8710163347233
Numerator - Packs per outer box	4
EAN/UPC - Case	8710163347240

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

www.lighting.philips.com
2023, April 29 - data subject to change