



SmartBright Highbay G3

BY239P LED150/NW PSU CAU

Power supply unit - Symmetrical - Opal - 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

General Information		Warranty period	
Lamp colour code	840 neutral white	Constant light output	No
Light source replaceable	No	Number of products on MCB	16
Number of gear units	1 unit	EU RoHS compliant	Yes
Driver/power unit/transformer	PSU [Power supply unit]	LED engine type	LED
Driver included	Yes	Operating and Electrical	
Optic type	Symmetrical	Input voltage	220 to 240 V
Optical cover/lens type	O [Opal]	Input frequency	50 or 60 Hz
Luminaire light beam spread	100°	Inrush current	10.8 A
Control interface	-	Inrush time	0.15 ms
Cable	-	Power factor (min.)	0.9
Protection class IEC	Safety class I (I)	Controls and Dimming	
Glow-wire test	NO [-]	Dimmable	No
Flammability mark	NO [-]		
CE mark	CE mark		
ENEC mark	-		

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Mechanical and Housing

Housing material	Aluminium
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	-
Optical cover/lens finish	Frosted
Overall height	60 mm
Overall diameter	344 mm
Colour	Dark Grey

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]

Initial Performance (IEC Compliant)

Initial luminous flux	15000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	104 lm/W
Lamp colour temperature	4000 K
Colour Rendering Index	>80
Initial input power	145 W

Power consumption tolerance	+/-10%
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Over Time Performance (IEC Compliant)

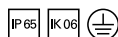
Median useful life L70B50	30000 h
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Application Conditions

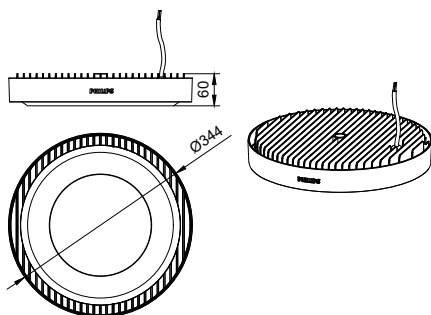
Ambient temperature range	-20 to +45 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871016334725799
Order product name	BY239P LED150/NW PSU CAU
EAN/UPC – product	8710163347257
Order code	911401538361
Numerator – quantity per pack	1
Numerator – packs per outer box	4
Material no. (12NC)	911401538361
Net weight (piece)	3.500 kg



Dimensional drawing



BY228P/BY238P/BY239P SmartBright Highbay

