



SmartBright Highbay

BY239P LED120/CW PSU GM G2

SmartBright Highbay, 100 W, 13000 lm, 6500 K

SmartBright Highbay 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 engine type	LED
Value ladder	Value
CE mark	CE mark
Flammability mark	-
Light Technical	
Luminous Flux	13,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	130 lm/W
Color rendering index (CRI)	>80
Light source color	865 cool daylight
Optical cover type	Lens
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	40 A
Power Consumption	100 W

Power Factor (Fraction)	0.95
Number of products on MCB of 16 A type B	8
Temperature	
Ambient temperature range	-20 to +45 °C
Controls and Dimming	
Dimmable	No
Control interface	-
Mechanical and Housing	
Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Dark gray
Optical cover finish	Clear
Overall height	93 mm
Overall diameter	273 mm
Effective projected area	0.06 m²

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Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Insulation Coverage Rating	Partial coverage acc. to IEC 60598-1 8.1
Protection class IEC	Safety class I

Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Initial chromaticity	(0.316, 0.332) SDCM<5
Power consumption tolerance	+/-10%

Product Data	
Order product name	BY239P LED120/CW PSU GM G2

Full product name	BY239P LED120/CW PSU GM G2
Full product code	871951454102300
Order code	911401640107
Material Nr. (12NC)	911401640107
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514541023
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514541023

Dimensional drawing

