



SmartBright Highbay

BY239P LED130/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		Protection class IEC	
Light source engine type	LED	Protection class IEC	Safety class I
Value ladder	Value		
Light Technical		Controls and Dimming	
Luminous Flux	13,000 lm	Dimmable	No
Correlated Color Temperature (Nom)	6500 K	Control interface	-
Luminous Efficacy (rated) (Nom)	130 lm/W	Mechanical and Housing	
Color rendering index (CRI)	>80	Housing Material	Aluminum die cast
Light source color	865 cool daylight	Optical cover material	Polycarbonate
Effective projected area	0.06 m ²	Housing Color	Dark gray
Operating and Electrical		Optical cover finish	Clear
Input Voltage	220 to 240 V	Overall height	93 mm
Line Frequency	50 or 60 Hz	Overall diameter	273 mm
Inrush current	40 A	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Power Consumption	100 W	Mech. impact protection code	IK06 [1 J]
Power Factor (Fraction)	0.95	Optical cover type	Lens
Number of products on MCB of 16 A type B	8	Net Weight (Piece)	1.380 kg

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Approval and Application

Insulation Coverage Rating	Partial coverage acc. to IEC 60598-1 8.1
Flammability mark	-
CE mark	Yes
Ambient temperature range	-20 to +45 °C

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 LED130/CW PSU GM G2
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Full product name	BY239P LED130/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

