



# SmartBright Highbay

## BY239P LED120/CW PSU GM G2

- Lens

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		Number of products on MCB of 16 A type B 8	
Light source engine type	LED		
Value ladder	Value		
Light Technical		Temperature	
Luminous Flux	13,000 lumen	Ambient temperature range	-20 to +45 °C
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	130 lm/W	Controls and Dimming	
Color rendering index (CRI)	>80	Dimmable	No
Light source color	865 cool daylight	Control interface	-
Optical cover/lens type	Lens	Mechanical and Housing	
Operating and Electrical		Housing Material	Aluminum die cast
Input Voltage	220 to 240 V	Optical cover/lens material	Polycarbonate
Line Frequency	50 or 60 Hz	Housing Color	Dark gray
Input Frequency	50 or 60 Hz	Optical cover/lens finish	Clear
Inrush current	40 A	Overall height	93 mm
Power Consumption	100 W	Overall diameter	273 mm
Power Factor (Fraction)	0.95	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
Flammability mark	-
CE mark	CE mark

## Initial Performance (IEC Compliant)

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

## Product Data

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



## Dimensional drawing

