



SmartBright Highbay

BY239P LED120/CW PSU GM G2

SmartBright Highbay, 100 W, 13000 lumen, 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		Power Factor (Fraction)		0.95
Light source engine type	LED	Number of products on MCB of 16 A type B		8
Value ladder	Value	Temperature		
CE mark	CE mark	Ambient temperature range	-20 to +45 °C	
Flammability mark	-	Controls and Dimming		
Light Technical		Dimmable	No	
Luminous Flux	13,000 lumen	Control interface	-	
Correlated Color Temperature (Nom)	6500 K	Mechanical and Housing		
Luminous Efficacy (rated) (Nom)	130 lm/W	Housing Material	Aluminum die cast	
Color rendering index (CRI)	>80	Optical cover/lens material	Polycarbonate	
Light source color	865 cool daylight	Housing Color	Dark gray	
Optical cover/lens type	Lens	Optical cover/lens finish	Clear	
Operating and Electrical		Overall height	93 mm	
Input Voltage	220 to 240 V	Overall diameter	273 mm	
Line Frequency	50 or 60 Hz	Effective projected area	0.06 m ²	
Inrush current	40 A			
Power Consumption	100 W			

SmartBright Highbay

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

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 Nr. (12NC)	911401640107
Full product name	BY239P LED120/CW PSU GM G2
EAN/UPC - Case	8719514541023
EAN/UPC - Product/Case	8719514541023

Dimensional drawing

