



SmartBright Highbay

BY239P LED180/CW PSU GM G2

SmartBright Highbay, 150 W, 19500 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		6	
Value ladder	Value	Temperature		Ambient temperature range	
CE mark	CE mark	-20 to +45 °C		Controls and Dimming	
Flammability mark	-	Dimmable		No	
Light Technical		Control interface		-	
Luminous Flux	19,500 lumen	Mechanical and Housing		Housing Material	
Correlated Color Temperature (Nom)	6500 K	Housing Material		Aluminum die cast	
Luminous Efficacy (rated) (Nom)	130 lm/W	Optical cover/lens material		Polycarbonate	
Color rendering index (CRI)	>80	Housing Color		Dark gray	
Light source color	865 cool daylight	Optical cover/lens finish		Clear	
Optical cover/lens type	Lens	Overall height		93 mm	
Operating and Electrical		Overall diameter		319 mm	
Input Voltage	220 to 240 V	Effective projected area		0.06 m²	
Line Frequency	50 or 60 Hz				
Inrush current	42 A				
Power Consumption	150 W				

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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)

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

Product Data

Full product code	871951454104700
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Order product name	BY239P LED180/CW PSU GM G2
EAN/UPC - Product	8719514541047
Order code	911401640307
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401640307
Full product name	BY239P LED180/CW PSU GM G2
EAN/UPC - Case	8719514541047
EAN/UPC - Product/Case	8719514541047

Dimensional drawing

