



# SmartBright Highbay

## BY239P LED180/CW PSU GM G2

SmartBright Highbay, 150 W, 19500 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		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		
CE mark	CE mark	Ambient temperature range	-20 to +45 °C	
Flammability mark	-	Controls and Dimming		
Light Technical		Dimmable	No	
Luminous Flux	19,500 lm	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 material	Polycarbonate	
Light source color	865 cool daylight	Housing Color	Dark gray	
Optical cover type	Lens	Optical cover finish	Clear	
Operating and Electrical		Overall height	93 mm	
Input Voltage	220 to 240 V	Overall diameter	319 mm	
Line Frequency	50 or 60 Hz	Effective projected area	0.06 m <sup>2</sup>	
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)

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

## Product Data

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

## Dimensional drawing

