



# **SmartBright Highbay**

## BY239P LED180/NW 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		
Light source color	840 neutral white	
Optical cover/lens type	Lens	
Control interface	-	
Protection class IEC	Safety class I	
Flammability mark	-	
CE mark	CE mark	
Number of products on MCB of 16 A type B 6		
Light source engine type	LED	
Operating and electrical		
Input Voltage	220 to 240 V	
Input Frequency	50 or 60 Hz	
Inrush current	42 A	
Power Factor (Min)	0.95	
Controls and dimming		
Dimmable	No	

Mechanical and housing	
Housing Material	Aluminum die cast
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall height	93 mm
Overall diameter	319 mm
Effective projected area	0.06 m²
Color	Dark gray
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 60598-18.1
Initial performance (IEC compliant)	
Initial luminous flux (system flux)	18000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	120 lm/W

Datasheet, 2022, August 10 data subject to change

## **SmartBright Highbay**

Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.385, 0.380) SDCM<5
Initial input power	150 W
Power consumption tolerance	+/-10%
Application conditions	
Ambient temperature range	-20 to +45 ℃
Product data	
Full product code	871951454105400

Order product name	BY239P LED180/NW PSU GM G2
EAN/UPC - Product	8719514541054
Order code	911401640407
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401640407
Net Weight (Piece)	1.840 kg



### Dimensional drawing



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