PHILIPS Lighting



Maxoled Highbay

BY415P LED165S CW PSU GR FG NB XTFCL V1

Maxoled LED highbay is a luminaire designed to provide undisrupted and uniform lighting for industrial application and is an ideal solution for higher mounting heights, high temperature application and special heavy-duty industry. It enables a safe working environment with leading specifications and comfortable light. At the same time, it lowers the overall maintenance cost. Robustness and aesthetics make this highbay a perfect solution for versatile applications such as manufacturing unit, Airport hangar area, shop floor, warehouse/storage area, heavy duty industries etc.

Warnings and Safety

Meant for use in Indoor Industrial environment only

Product data

General Information	
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Driver included	Yes
Light source engine type	LED
Warranty period	2 years
Flammability mark	For mounting on normally flammable surfaces
Light Technical	
Luminous Flux	16,500 lm
Correlated Color Temperature (Nom)	6500 K

Luminous Flux	16,500 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	122 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	60 degree(s)
Light source color	865 cool daylight
Optic type	Beam angle 60°
Optical cover type	Tempered glass
Luminaire light beam spread	60°

Operating and Electrical	
Input Voltage	120 to 277 V
Line Frequency	50 Hz
Power Consumption	135 W
Power Factor (Fraction)	0.95
Temperature	
Ambient temperature range	0 to +50 °C
Controls and Dimming	
Dimmable	No
Control interface	-
Mechanical and Housing	
Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate

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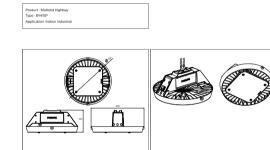
Housing Color	Gray
Mounting device	Eye-Bolt
Material	Aluminum
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Surge protection level until 4 kV
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Initial chromaticity	<5

+/-10%

Over Time Performance (IEC Compliant)		
Median useful life L70B50	50,000 hour(s)	
Product Data		
Order product name	BY415P LED165S CW PSU GR FG NB XTFCL V1	
Full product name	BY415P LED165S CW PSU GR FG NB XTFCL V1	
Order code	919515812643	
Material Nr. (12NC)	919515812643	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

Dimensional drawing

Power consumption tolerance





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