



# 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	
Driver included	Yes
Light source engine type	LED
Warranty period	2 years
Light Technical	
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°
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
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 4 kV
Controls and Dimming	
Dimmable	No
Control interface	-
Mechanical and Housing	
Housing Material	Aluminum die cast
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Gray
Mounting device	Eye-Bolt
Material	Aluminum

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Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Tempered glass
Net Weight (Piece)	7.600 kg

## Approval and Application

Flammability mark	For mounting on normally flammable surfaces
Ambient temperature range	0 to +50 °C

## Initial Performance (IEC Compliant)

Initial chromaticity	<5
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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## 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

Product: Maxoled Highbay  
Type: BY415P  
Application: Indoor Industrial

