



Maxoled Highbay

BY416P LED280S CW GR SY20 FG NI

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	
Beam angle of light source	20 °
Light source color	857 daylight
Driver included	No
Optic type	20 [Beam angle 20°]
Optical cover/lens type	GT [Tempered glass]
Luminaire light beam spread	20°
Control interface	Analog
Protection class IEC	Safety class I (I)
Flammability mark	F [For mounting on normally flammable surfaces]
Warranty period	2 years
Material	Aluminum
Light source engine type	LED
Operating and Electrical	
Input Voltage	120 to 277 V

Input Frequency	50 Hz
Power Factor (Min)	0.95
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing Material	Aluminum die-cast
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Mounting device	Eye-Bolt
Color	Gray
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

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Surge Protection (Common/Differential) Surge protection level until 4 kV

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	28500 lm
Initial LED luminaire efficacy	127 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	>70
Initial chromaticity	<5
Initial input power	225 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50 50000 h

Application Conditions

Ambient temperature range 0 to +50 °C

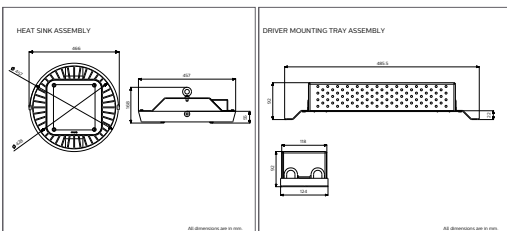
Product Data

Order product name	BY416P LED280S CW GR SY20 FG NI
Order code	919515813185
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515813185
Net Weight (Piece)	6.200 kg



Dimensional drawing

Product: BY416P
Type: BY416P
Application: Indoor



Indoor Luminaires

