



# Maxoled Highbay

## BY416P LED230S CW SK60 FG PSU GR

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	60 °
Light source color	857 daylight
Driver included	Yes
Optic type	60 [ Beam angle 60°]
Optical cover/lens type	GT [ Tempered glass]
Luminaire light beam spread	60°
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)	23000 lm
Initial LED luminaire efficacy	128 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	>70
Initial chromaticity	<5
Initial input power	180 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

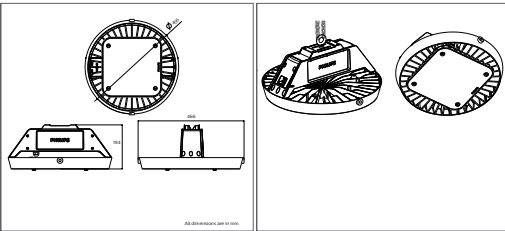
## Product Data

Order product name	BY416P LED230S CW SK60 FG PSU GR
Order code	919515813042
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515813042
Net Weight (Piece)	8.000 kg



## Dimensional drawing

Product: Maxoled Highbay  
Type: B1850P  
Application: Indoor Industrial



Indoor Luminaires

