



# DuraLED Highbay

## BY325P LED160S CW PSD GR FG NB V1

Philips DuraLED Highbay is a functional lighting by combining cost-efficiency with clean design. Following the success of Maxolid family, DuraLED Highbay comes as a big surprise gift for industrial Highbay lighting solution with desirable proposition that offers customers all the benefits of LED lighting – fresh light quality, longer service lifetime, reduced energy consumption and less maintenance – from a trusted manufacturer. At the same time, it delivers clear benefits for the installer too. The luminaire can be installed on the existing grid. Electrical connection is straightforward: there is no need to open the luminaire for installation. DuraLED Highbay is a perfect LED replacement for HPI 250/400W luminaires, allowing you to bright up your warehouses, assembly lines, supermarkets, and sports recreational spaces in a smarter way. This highbay improves the total cost of ownership and provides optionally DALI dimming for even further savings.

### Warnings and Safety

- Meant for use in Indoor Industrial environment only

### Product data

General Information		Material	
Beam angle of light source	30 °		Aluminum
Light source color	865 cool daylight	Light source engine type	LED
Driver included	Yes	<b>Operating and Electrical</b>	
Optic type	60 [ Beam angle 60°]	Input Voltage	120 to 277 V
Optical cover/lens type	GT [ Tempered glass]	Input Frequency	50 Hz
Luminaire light beam spread	60°	Power Factor (Min)	0.95
Control interface	DALI	<b>Controls and Dimming</b>	
Protection class IEC	Safety class I (I)	Dimmable	Yes
Flammability mark	F [ For mounting on normally flammable surfaces]		
Warranty period	2 years		

# DuraLED Highway

## Mechanical and Housing

Housing Material	Aluminum die-cast
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Mounting device	Eye-Bolt
Optical cover/lens shape	Narrow
Color	Gray

## Approval and Application

Ingress protection code	IP66 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [ 5 J vandal-protected]
Surge Protection (Common/Differential)	Surge protection level until 4 kV

## Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	16000 lm
Initial LED luminaire efficacy	125 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80
Initial chromaticity	<5

Initial input power	132 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
---------------------------	---------

## Application Conditions

Ambient temperature range	0 to +45 °C
---------------------------	-------------

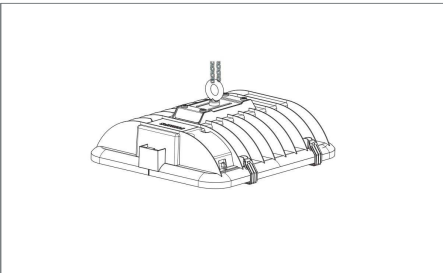
## Product Data

Order product name	BY325P LED160S CW PSD GR FG NB V1
Order code	919515812836
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515812836
Net Weight (Piece)	5,500 kg



## Dimensional drawing

Product: DuraLED Highway  
Type: BY325P  
Application: Indoor Industrial Application



Indoor Luminaires

