



# DuraLED Highbay

## BY325P LED195S CW PSU GR FG NB V1 LILO

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 preposition 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		Light source color	
Driver included	Yes	Optic type	Beam angle 60°
Light source engine type	LED	Optical cover type	Tempered glass
Warranty period	2 years	Luminaire light beam spread	60°
Flammability mark	For mounting on normally flammable surfaces	Operating and Electrical	
Light Technical		Input Voltage	120 to 277 V
Luminous Flux	20,000 lm	Line Frequency	50 Hz
Correlated Color Temperature (Nom)	6500 K	Power Consumption	160 W
Luminous Efficacy (rated) (Nom)	125 lm/W	Power Factor (Fraction)	0.95
Color rendering index (CRI)	>80		
Beam angle of light source	30 degree(s)		

## DuraLED Highbay

### Temperature

Ambient temperature range	0 to +45 °C
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### 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
Optical cover shape	Narrow
Material	Aluminum

### 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
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Protection class IEC	Safety class I
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### 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	BY325P LED195S CW PSU GR FG NB V1 LILO
Full product name	BY325P LED195S CW PSU GR FG NB V1 LILO
Order code	919515812778
Material Nr. (12NC)	919515812778
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing

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

