



DuraLED Highbay

BY325P LED160S CW PSU GR FG WB XTFCL 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 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		Optic type	
Driver included	Yes	Luminaire light beam spread	Beam angle 110°
Light source engine type	LED		110°
Warranty period	2 years	Operating and Electrical	
		Input Voltage	120 to 277 V
		Line Frequency	50 Hz
		Power Consumption	132 W
		Power Factor (Fraction)	0.95
		Protection class IEC	Safety class I
		Surge Protection (Common/Differential)	Surge protection level until 4 kV
Light Technical			
Luminous Flux	16,000 lm		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	125 lm/W		
Color rendering index (CRI)	>80		
Beam angle of light source	55 degree(s)		
Light source color	865 cool daylight		

DuraLED Highway

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	Wide
Material	Aluminum
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Optical cover type	Tempered glass
Net Weight (Piece)	5.400 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces
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Ambient temperature range	0 to +45 °C
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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 LED160S CW PSU GR FG WB XTFL V1
Full product name	BY325P LED160S CW PSU GR FG WB XTFL V1
Order code	919515812640
Material Nr. (12NC)	919515812640
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

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

