

Durabay Prime Highbay

BY225P LED100S CW WB PSU FG GR V1

With the successful introduction of the Durabay Family, Philips achieved a breakthrough in high-bay lighting, providing the superior light quality, long service lifetime, reduced energy consumption and less maintenance in the switch on-off (PSU) and Dali dimmable (PSD) versions. Now, with Durabay Prime, Philips continues to improve even further: an improved total cost of ownership, seamlessly integrates state-of-the-art LED lighting with higher efficacy and excellent thermal stability. Durabay Prime delivers a uniform light distribution with a Wide beam and Narrow beam optics that provides outstanding illuminances in industrial and retail environments. It is designed to replace HPI BU 250W/400W, offering up to 70% of energy savings, whilst delivering long lifetime, in often hard to reach maintenance areas.

Warnings and Safety

- Meant for use in Indoor Industrial environment only

Product data

General Information	
Driver included	Yes
Light source engine type	LED
Warranty period	2 years

Light Technical	
Luminous Flux	10,500 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	131.25 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	110 degree(s)

Light source color	865 cool daylight
Optic type	Beam angle 110°
Luminaire light beam spread	110°

Operating and Electrical	
Input Voltage	140-270 V
Line Frequency	50 Hz
Power Consumption	80 W
Power Factor (Fraction)	0.95
Protection class IEC	Safety class I

Durabay Prime Highbay

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

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
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)	2.150 kg

Approval and Application

Flammability mark	For mounting on normally flammable surfaces

Ambient temperature range	0 to +45 °C

Initial Performance (IEC Compliant)

Initial chromaticity	<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

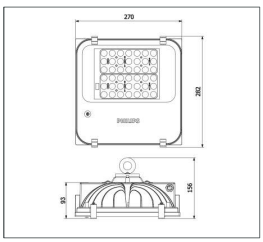
Median useful life L70B50	50,000 hour(s)

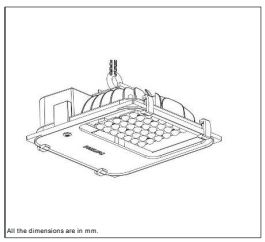
Product Data

Order product name	BY225P LED100S CW WB PSU FG GR V1
Full product name	BY225P LED100S CW WB PSU FG GR V1
Order code	919515812902
Material Nr. (12NC)	919515812902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

Product: Durabay Prime Highbay
Type: BY225P/ BY226P
Application: Indoor Industrial





All the dimensions are in mm.