



# Durabay Prime Highbay

## BY225P LED100S CW NB 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		Warranty period	
Beam angle of light source	60 °		2 years
Light source color	865 cool daylight	Material	Aluminum
Driver included	Yes	Light source engine type	LED
Optic type	60 [ Beam angle 60°]	<b>Operating and Electrical</b>	
Optical cover/lens type	GT [ Tempered glass]	Input Voltage	140-270 V
Luminaire light beam spread	60°	Input Frequency	50 Hz
Control interface	-	Power Factor (Min)	0.95
Protection class IEC	Safety class I (I)		
Flammability mark	F [ For mounting on normally flammable surfaces]		

# Durabay Prime Highbay

## Controls and Dimming

Dimmable	No
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## 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	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)	10500 lm
Initial LED luminaire efficacy	131.25 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	>80

Initial chromaticity	<5
Initial input power	80 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
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## Application Conditions

Ambient temperature range	0 to +45 °C
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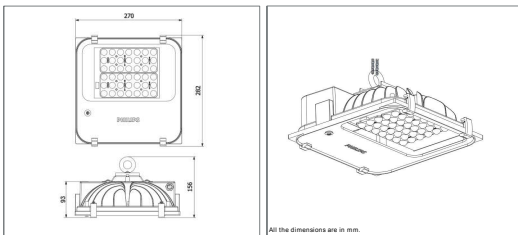
## Product Data

Order product name	BY225P LED100S CW NB PSU FG GR V1
Order code	919515812901
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515812901
Net Weight (Piece)	4.000 kg



## Dimensional drawing

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



## Indoor Luminaires

