



# Durabay Prime Highbay

## BY225P LED135S 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	
Driver included	Yes
Light source engine type	LED
Warranty period	2 years
Light Technical	
Luminous Flux	14,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	133.33 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	60 degree(s)

Light source color	865 cool daylight
Optic type	Beam angle 60°
Luminaire light beam spread	60°
Operating and Electrical	
Input Voltage	140-270 V
Line Frequency	50 Hz
Power Consumption	105 W
Power Factor (Fraction)	0.95
Protection class IEC	Safety class I

# Durabay Prime Highbay

<b>Surge Protection (Common/Differential)</b>	Surge protection level until 4 kV
<b>Controls and Dimming</b>	
<b>Dimmable</b>	No
<b>Control interface</b>	-
<b>Mechanical and Housing</b>	
<b>Housing Material</b>	Aluminum die cast
<b>Optic material</b>	Polycarbonate
<b>Optical cover material</b>	Polycarbonate
<b>Housing Color</b>	Gray
<b>Mounting device</b>	Eye-Bolt
<b>Material</b>	Aluminum
<b>Ingress protection code</b>	IP66 [Dust penetration-protected, jet-proof]
<b>Mech. impact protection code</b>	IK08 [5 J vandal-protected]
<b>Optical cover type</b>	Tempered glass
<b>Net Weight (Piece)</b>	3.600 kg
<b>Approval and Application</b>	
<b>Flammability mark</b>	For mounting on normally flammable surfaces

<b>Ambient temperature range</b>	0 to +45 °C
<b>Initial Performance (IEC Compliant)</b>	
<b>Initial chromaticity</b>	<5
<b>Power consumption tolerance</b>	+/-10%
<b>Over Time Performance (IEC Compliant)</b>	
<b>Median useful life L70B50</b>	50,000 hour(s)
<b>Product Data</b>	
<b>Order product name</b>	BY225P LED135S CW NB PSU FG GR V1
<b>Full product name</b>	BY225P LED135S CW NB PSU FG GR V1
<b>Order code</b>	919515813031
<b>Material Nr. (12NC)</b>	919515813031
<b>Numerator - Quantity Per Pack</b>	1
<b>Numerator - Packs per outer box</b>	1

## Dimensional drawing

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

