



# GreenPerform LED Highbay – significant energy savings

## GreenPerform Highbay LED

Customers in industrial and warehousing applications are constantly looking for ways to reduce the amount of energy required to light their facilities. The GreenPerform LED Highbay luminaire can directly replace 250 and 400 W HID high-bays, thereby generating significant energy savings. When there is a power failure, downtime is reduced with GreenPerform LED Highbay, as it turns on instantly, compared to the slow run-up of HID lamps. The luminaire comes with high-quality optics, ensuring excellent lighting performance in different application areas. The high-rack optics are specially designed to illuminate vertical planes in warehouses. With a choice of mounting methods, installation is easy and secure.

### Benefits

- Reliable light output throughout lifetime
- Saves up to 60% energy compared to HID lighting system
- Attractive return on investment with superior performance

### Features

- Extremely bright light thanks to LUXEON M emitters
- Instant quality light
- CRI of more than 70

### Application

- Heavy and light industry with a ceiling height of more than 8 m

### Specifications

# GreenPerform Highbay LED

<b>Type</b>	BY618P (large version)
	BY619P (small version)
<b>Light source</b>	Replaceable LED module
<b>Power (+/-10%)</b>	BY618P: 210 W
	BY619P: 110 W
<b>Beam angle</b>	30° (narrow beam) or 45° (medium beam and HRO/bi-symmetrical)
<b>Luminous flux</b>	BY618P: 21,000 lm
	BY619P: 11,000 lm
<b>Correlated Color</b>	4000 or 5700 K
<b>Temperature</b>	
<b>Color Rendering Index</b>	> 75
<b>Maintenance of lumen output - L70F50</b>	50,000 hours at 25°C
<b>Operating temperature range</b>	-5 to +50°C

<b>Driver</b>	Separate
<b>Mains voltage</b>	220-240 V / 50-60 Hz
<b>Material</b>	Housing: die-cast aluminum
	Cover: glass, tempered
	Driver box: steel
<b>Color</b>	Silver and brushed aluminum (SI) (RAL 9006)
<b>Maintenance</b>	No internal cleaning required
<b>Installation</b>	Fixation by bracket, angle can be adjusted
	Pipe or hook: 1/2 G screw thread >20 mm
	Through-wiring not possible
<b>Accessories</b>	BY618P: bracket BY618Z MB
	BY619P: bracket BY619Z MB

## Versions

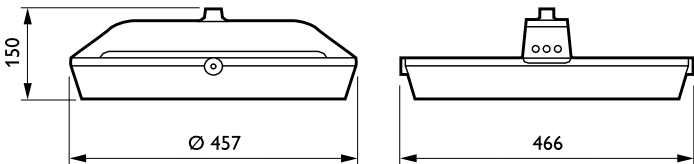
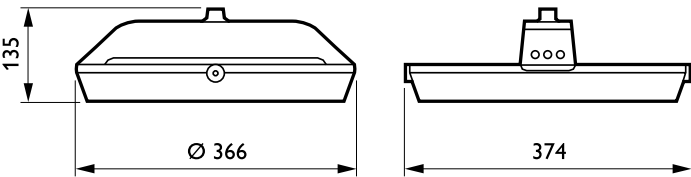


GreenPerform LED Highbay BY618P  
luminaire, large version



GreenPerform LED Highbay BY618P  
luminaire, small version

## Dimensional drawing



GreenPerform BY618P/BY619P

GreenPerform BY618P/BY619P

# GreenPerform Highbay LED

## Accessories



Mounting brackets and mounting hook

Ordercode 911401578701

### Approval and Application

Ingress protection code IP65

### Operating and Electrical

Input Voltage 220 to 240

### General Information

Color RAL standard (to be defined)

Protection class IEC Safety class I

Flammability mark For mounting on normally flammable surfaces

Standard RAL color White aluminum

## General Information

order code	Lamp family code	Optic type	Product Family Code
911401577501	LED200	Wide beam	BY618P
911401577601	LED200	Narrow beam	BY618P
911401577701	LED200	High-rack optic	BY618P
911401577801	LED200	Wide beam	BY618P
911401577901	LED200	High-rack optic	BY618P
911401578001	LED200	Narrow beam	BY618P

order code	Lamp family code	Optic type	Product Family Code
911401578101	LED100	Wide beam	BY619P
911401578201	LED100	Narrow beam	BY619P
911401578301	LED100	Narrow beam	BY619P
911401578401	LED100	High-rack optic	BY619P
911401578501	LED100	Wide beam	BY619P
911401578601	LED100	High-rack optic	BY619P

## Initial Performance (IEC Compliant)

order code	Initial luminous flux	Initial input power
911401577501	21000	210
911401577601	21000	210
911401577701	21000	210
911401577801	21000	210
911401577901	21000	210
911401578001	21000	210

order code	Initial luminous flux	Initial input power
911401578101	11000	110
911401578201	11000	110
911401578301	11000	110
911401578401	11000	110
911401578501	11000	110
911401578601	11000	110

