



# Energy-efficient lighting for industrial and commercial applications

## Greenperform Highbay G2

GreenPerform LED Highbay luminaire is designed to replace traditional up to 400W HID Highbays. This advanced lighting system can deliver up to 77% energy savings. The system delivers simple, point to point replacement of up to 400W HID Highbays with three easy installation methods. The unique flat design means you have the flexibility to install by hook, pendant or bracket. GreenPerform LED Highbay will also reduce downtime. In the event of a power failure they turn on instantly, compared to the slower warm up of traditional HID lamps. They provide exceptionally high-performance in a range of applications. There are three beam shapes to choose from and the high-rack optics are engineered to illuminate vertical planes with exceptionally high accuracy

### Benefits

- Solid die-cast housing design ensures long fixture lifetime
- Energy efficient
- Application flexibility (hook/pendant/bracket)
- Application flexibility (multiple beam)

### Features

- Energy savings up to 77% compared to HID systems
- Long lifetime
- Comfortable light with low glare ratings
- Unique flat design for various mounting
- Wide Beam, Narrow Beam & High Rack Optic Beam

### Application

- General Industry Application
- High Rack Warehouse

# Greenperform Highbay G2

## Versions



BY687P/BY688P/BY689P



BY687P LED200

### Application Conditions

Ambient temperature range	-25 to +45 °C
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### Approval and Application

Mech. impact protection code	IK07
Ingress protection code	IP65

### General Information

CE mark	-
Protection class IEC	Safety class I (I)
Driver included	Yes
ENEC mark	-
Flammability mark	NO
Gear	-
Glow-wire test	650/30
Light source replaceable	No
Number of gear units	1 unit
UL mark	-

### Initial Performance (IEC Compliant)

Initial chromaticity	-
Init. Colour Rendering Index	85
Luminous flux tolerance	+/-7.5%

### Application Conditions

Order Code	Full Product Name	Maximum dim level
01535511	BY688P LED 140/NW PSD S-WB	1% (depends on dimmer, ELV)
01535611	BY688P LED 140/CW PSD S-WB	1% (depends on dimmer, ELV)
01536411	BY688P LED140/CW PSU S-WB	Not applicable
01567111	BY688P LED160 L3000/CW PSU S-WB	Not applicable
01567411	BY688P LED160 L3000/NW PSU S-WB	Not applicable
01568711	BY687P LED240/NW PSR S-HRO L3000	1% (depends on dimmer, ELV)
01571711	BY687P LED240 L3000/NW PSR S-WB PC	1% (depends on dimmer, ELV)
01569511	BY687P LED200/NW PSR S-WB L3000	1% (depends on dimmer, ELV)

## Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
01535511	BY688P LED 140/NW PSD S-WB	Yes	01567411	BY688P LED160 L3000/NW PSU S-WB	No
01535611	BY688P LED 140/CW PSD S-WB	Yes	01568711	BY687P LED240/NW PSR S-HRO L3000	Yes
01536411	BY688P LED140/CW PSU S-WB	No	01571711	BY687P LED240 L3000/NW PSR S-WB PC	Yes
01567111	BY688P LED160 L3000/CW PSU S-WB	No	01569511	BY687P LED200/NW PSR S-WB L3000	Yes

## General Information

## Greenperform Highbay G2

Order Code	Full Product Name	Optical	Lamp family	Optic type
		cover/lens type	code	
01535511	BY688P LED 140/NW PSD S-WB	GT	LED156	WB
01535611	BY688P LED 140/CW PSD S-WB	GT	LED156	WB
01536411	BY688P LED140/CW PSU S-WB	GT	LED156	WB
01567111	BY688P LED160 L3000/CW PSU S-WB	GT	LED170	WB
01567411	BY688P LED160 L3000/NW PSU S-WB	GT	LED170	WB

Order Code	Full Product Name	Optical	Lamp family	Optic type
		cover/lens type	code	
01568711	BY687P LED240/NW PSR S-HRO L3000	GT	-	HRO
01571711	BY687P LED240 L3000/NW PSR S-WB PC	PCC	-	WB
01569511	BY687P LED200/NW PSR S-WB L3000	GT	-	WB

### Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Colour	Initial input
		Temperature	power
01535511	BY688P LED 140/NW PSD S-WB	4000 K	130 W
01535611	BY688P LED 140/CW PSD S-WB	6500 K	130 W
01536411	BY688P LED140/CW PSU S-WB	6500 K	130 W
01567111	BY688P LED160 L3000/CW PSU S-WB	6500 K	145 W
01567411	BY688P LED160 L3000/NW PSU S-WB	4000 K	145 W

Order Code	Full Product Name	Init. Corr. Colour	Initial input
		Temperature	power
01568711	BY687P LED240/NW PSR S-HRO L3000	4000 K	230 W
01571711	BY687P LED240 L3000/NW PSR S-WB PC	4000 K	230 W
01569511	BY687P LED200/NW PSR S-WB L3000	4000 K	200 W

