



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

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Versions



BY687P/BY688P/BY689P

Application Conditions

Ambient temperature range -25 to +45 °C

Approval and Application

Mech. impact protection code IK07

Ingress protection code IP65

General Information

CE mark -

Protection class IEC Safety class I (I)

Optical cover/lens type PCC

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 No

Initial Performance (IEC Compliant)

Initial chromaticity -

Init. Corr. Colour Temperature 6500 K

Init. Colour Rendering Index 85

Luminous flux tolerance +/-7.5%

Application Conditions

Order Code	Full Product Name	Maximum dim level
911401570511	BY689P LED100 L3000/CW PSU S-WB PC	Not applicable
911401570611	BY689P LED100 L3000/CW PSU S-NB PC	Not applicable
911401571111	BY688P LED160 L3000/CW PSU S-WB PC	Not applicable
911401571211	BY688P LED160 L3000/CW PSU S-NB PC	Not applicable
911401571811	BY687P LED240 L3000/CW PSR S-WB PC	1% (depends on dimmer, ELV)
911401571911	BY687P LED200 L3000/CW PSR S-HRO PC	1% (depends on dimmer, ELV)
911401572511	BY687P LED240 L3000/CW PSR S-NB PC	1% (depends on dimmer, ELV)
911401572711	BY687P LED200 L3000/CW PSR S-WB PC	1% (depends on dimmer, ELV)

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
911401570511	BY689P LED100 L3000/CW PSU S-WB PC	No	911401571811	BY687P LED240 L3000/CW PSR S-WB PC	Yes
911401570611	BY689P LED100 L3000/CW PSU S-NB PC	No	911401571911	BY687P LED200 L3000/CW PSR S-HRO PC	Yes
911401571111	BY688P LED160 L3000/CW PSU S-WB PC	No	911401572511	BY687P LED240 L3000/CW PSR S-NB PC	Yes
911401571211	BY688P LED160 L3000/CW PSU S-NB PC	No	911401572711	BY687P LED200 L3000/CW PSR S-WB PC	Yes

General Information

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Order Code	Full Product Name	Lamp family code	Optic type
911401570511	BY689P LED100 L3000/CW PSU S-WB PC	LED110	WB
911401570611	BY689P LED100 L3000/CW PSU S-NB PC	LED110	NB
911401571111	BY688P LED160 L3000/CW PSU S-WB PC	LED170	WB
911401571211	BY688P LED160 L3000/CW PSU S-NB PC	LED170	NB

Order Code	Full Product Name	Lamp family code	Optic type
911401571811	BY687P LED240 L3000/CW PSR S-WB PC	-	WB
911401571911	BY687P LED200 L3000/CW PSR S-HRO PC	-	HRO
911401572511	BY687P LED240 L3000/CW PSR S-NB PC	-	NB
911401572711	BY687P LED200 L3000/CW PSR S-WB PC	-	WB

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Initial input power
911401570511	BY689P LED100 L3000/CW PSU S-WB PC	90 W
911401570611	BY689P LED100 L3000/CW PSU S-NB PC	90 W
911401571111	BY688P LED160 L3000/CW PSU S-WB PC	145 W
911401571211	BY688P LED160 L3000/CW PSU S-NB PC	145 W

Order Code	Full Product Name	Initial input power
911401571811	BY687P LED240 L3000/CW PSR S-WB PC	230 W
911401571911	BY687P LED200 L3000/CW PSR S-HRO PC	200 W
911401572511	BY687P LED240 L3000/CW PSR S-NB PC	230 W
911401572711	BY687P LED200 L3000/CW PSR S-WB PC	200 W

