Energy-efficient lighting for industrial and commercial applications

Greenperform Highbay G2

GreenPerform LED Highbay luminaire isbdesigned 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
Optic type	WB
UL mark	No

Initial Performance (IEC Compliant)

Initial chromaticy	-
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
911401571111	BY688P LED160 L3000/CW PSU S-WB PC	Not applicable
911401572711	BY687P LED200 L3000/CW PSR S-WB PC	1% (depends on dimmer, ELV)

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401570511	BY689P LED100 L3000/CW PSU S-WB PC	No
911401571111	BY688P LED160 L3000/CW PSU S-WB PC	No

Order Code	Full Product Name	Dimmable
911401572711	BY687P LED200 L3000/CW PSR S-WB PC	Yes

General Information

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

Order Code	Full Product Name	Lamp family code
911401572711	BY687P LED200 L3000/CW PSR S-WB PC	-

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Initial Performance (IEC Compliant)

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

Order Code	Full Product Name	Initial input power
911401572711	BY687P LED200 L3000/CW PSR S-WB PC	200 W