



# Greenperform Highbay G2

## BY689P LED90/CW PSU S-WB

LED module 9600 lm - Cool white - Power supply unit - Wide beam

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

### Product data

General Information		Control interface	
Lamp family code	LED96 [ LED module 9600 lm]	Control interface	-
Light source color	Cool white	Connection	-
Light source replaceable	No	Protection class IEC	Safety class I
Number of gear units	1 unit	Glow-wire test	Temperature 650 °C, duration 30 s
Gear	-	Flammability mark	-
Driver/power unit/transformer	Power supply unit	CE mark	-
Driver included	Yes	ENEC mark	-
Optic type	Wide beam	UL mark	-
Optical cover/lens type	Tempered glass	Constant light output	Yes
Luminaire light beam spread	100°	Spare parts available	No
		Number of products on MCB of 16 A type B	8

# Greenperform Highbay G2

Light source engine type	LED
<b>Operating and Electrical</b>	
Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Power Factor (Min)	0.9
Power Factor (Nom)	0.95
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Housing Material	Metal
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Optical cover/lens finish	Clear
Color	Silver
<b>Approval and Application</b>	
Ingress protection code	IP65 [ Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [ 2 J reinforced]
<b>Initial Performance (IEC Compliant)</b>	
Initial luminous flux (system flux)	14000 lm
Luminous flux tolerance	+/-7.5%

Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	6500 K
Init. Color Rendering Index	85
Initial chromaticity	-
Initial input power	80 W
Power consumption tolerance	+/-10%

## Over Time Performance (IEC Compliant)

Median useful life L70B50	50000 h
---------------------------	---------

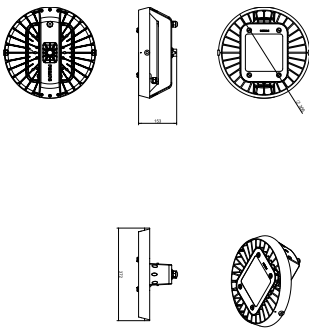
## Application Conditions

Ambient temperature range	-25 to +45 °C
Maximum dim level	Not applicable

## Product Data

Full product code	911401536811
Order product name	BY689P LED90/CW PSU S-WB
EAN/UPC - Product	8718291995630
Order code	911401536811
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401536811
Net Weight (Piece)	5.000 kg

## Dimensional drawing



GreenPerform High-bay gen2 BY687P-BY689P

## Greenperform Highbay G2

