



Greenperform Highbay G2

BY689P LED90/CW PSU S-NB

LED module 9600 lm, Cool white, Power supply unit (On/Off), Narrow beam

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 highperformance 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		Glow-wire test	Temperature 650 °C, duration 30
Lamp family code	LED96 [LED module 9600 lm]		
Light source replaceable	No	Light Technical	
lumber of gear units	1 unit	Luminous Flux	14,000 lm
Gear	-	Correlated Color Temperature (Nom)	6500 K
Driver included	Yes	Luminous Efficacy (rated) (Nom)	100 lm/W
ight source engine type	LED	Color rendering index (CRI)	85
CE mark	-	Light source color	Cool white
Flammability mark	-	Optic type	Narrow beam
ENEC mark	-	Optical cover type	Tempered glass

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Luminaire light beam spread	70°	Approval a
		Ingress prot
Operating and Electrical		Mech. impa
Input Voltage	220 to 240 V	Protection c
Line Frequency	50 to 60 Hz	
Power Consumption	80 W	Initial Per
Power Factor (Fraction)	0.95	Luminous fl
Connection	_	Initial chron
Number of products on MCB of 16 A t	ype B 8	Power const
Temperature		Applicatio
Ambient temperature range	-25 to +45 °C	Maximum d
Controls and Dimming		Product D
Dimmable	No	Order produ
Driver/power unit/transformer	Power supply unit (On/Off)	Full product
Control interface	-	Full product
Constant light output	Yes	Order code
		Material Nr.
Mechanical and Housing		Numerator -
Housing Material	Metal	Numerator -
Optic material	Polycarbonate	
Optical cover material	Tempered glass	
Housing Color	Silver	
Optical cover finish	Clear	

Approval and Application				
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]			
Mech. impact protection code	IK07 [2 J reinforced]			
Protection class IEC	Safety class I			
Initial Performance (IEC Compliant)				
Luminous flux tolerance	+/-7.5%			
Initial chromaticity	-			
Power consumption tolerance	+/-10%			
Application Conditions				
Maximum dim level	Not applicable			
Product Data				
Order product name	BY689P LED90/CW PSU S-NB			
Full product name	BY689P LED90/CW PSU S-NB			
Full product code	911401536911			
Order code	911401536911			
Material Nr. (12NC)	911401536911			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	1			

Dimensional drawing









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