



Greenperform Highbay G2

BY688P LED 140/NW PSD S-HRO

LED module 15600 lm, Neutral white, Power supply unit with DALI interface, High-rack optic

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		ENEC mark	
Lamp family code	LED156 [LED module 15600 lm]	-	
Light source replaceable	No		
Number of gear units	1 unit		
Gear	-		
Driver included	Yes		
Light source engine type	LED		
Glow-wire test	Temperature 650 °C, duration 30 s		
Flammability mark	-		
CE mark	-		
Light Technical			
Luminous Flux	14,000 lm		
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	100 lm/W		
Color rendering index (CRI)	85		
Light source color	Neutral white		
Optic type	High-rack optic		
Optical cover type	Tempered glass		

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Luminaire light beam spread	100°
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Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	130 W
Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 3.0 m without plug
Number of products on MCB of 16 A type B	8

Temperature

Ambient temperature range	-25 to +45 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DALI interface
Control interface	-
Constant light output	Yes

Mechanical and Housing

Housing Material	Metal
Optic material	Polycarbonate
Optical cover material	Tempered glass
Housing Color	Silver

Optical cover finish	Clear
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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	1% (depends on dimmer, ELV)
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Product Data

Order product name	BY688P LED 140/NW PSD S-HRO
Full product name	BY688P LED 140/NW PSD S-HRO
Full product code	911401573511
Order code	911401573511
Material Nr. (12NC)	911401573511
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

