PHILIPS Lighting



Greenperform Highbay G2

BY688P LED 140/CW PSR S-NB

LED module 15600 lm, Cool white, Power supply unit regulating, 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	
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	-

ENEC mark	-
Light Technical	
Luminous Flux	14,000 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	85
Light source color	Cool white
Optic type	Narrow beam
Optical cover type	Tempered glass

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Luminaire light beam spread	70°	Approval and Applicat
		Ingress protection code
Operating and Electrical		Mech. impact protection co
Input Voltage	220 to 240 V	Protection class IEC
Line Frequency	50 to 60 Hz	
Power Consumption	130 W	Initial Performance (IE
Power Factor (Fraction)	0.95	Luminous flux tolerance
Connection	-	Initial chromaticity
Number of products on MCB of 16 A t	уре В 8	Power consumption tolera
Temperature		Application Conditions
Ambient temperature range	-25 to +45 °C	Maximum dim level
Controls and Dimming		Product Data
Dimmable	Yes	Order product name
Driver/power unit/transformer	Power supply unit regulating	Full product name
Control interface	-	Full product code
Constant light output	Yes	Order code
		Material Nr. (12NC)
Mechanical and Housing		Numerator - Quantity Per
Housing Material	Metal	Numerator - Packs per out
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	1% (depends on dimmer, ELV)	
Product Data		
Order product name	BY688P LED 140/CW PSR S-NB	
Full product name	BY688P LED 140/CW PSR S-NB	
Full product code	911401535711	
Order code	911401535711	
Material Nr. (12NC)	911401535711	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

Dimensional drawing







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