PHILIPS Lighting



Greenperform Highbay G2

BY688P LED160 L3000/CW PSU S-NB PC

LED module 17000 lm, Cool white, Power supply unit (On/Off), Narrow beam, Polycarbonate bowl/cover clear

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

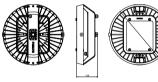
Product data

General Information		Glow-wire test	Temperature 650 °C, duration 30
Lamp family code	LED170 [LED module 17000 lm]		
Light source replaceable	No	Light Technical	
Number 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
Light 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	Polycarbonate bowl/cover clear

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Luminaire light beam spread	70°	Optical cover finish	Clear
	,0		clear
Operating and Electrical		Approval and Application	
Input Voltage	220 to 240 V	Ingress protection code	IP65 [Dust penetration-protected, jet-proof
Line Frequency	50 to 60 Hz	Mech. impact protection code	IK07 [2 J reinforced]
Power Consumption	145 W	Protection class IEC	Safety class I
Power Factor (Fraction)	0.95		
Connection	-	Initial Performance (IEC Complia	ant)
Cable	Cable 3.0 m without plug	Luminous flux tolerance	+/-7.5%
Number of products on MCB of 16 A	type B 8	Initial chromaticity - Power consumption tolerance +/-10%	
		Power consumption tolerance	+/-10%
Temperature			
Ambient temperature range	-25 to +45 °C	Application Conditions	
		Maximum dim level	Not applicable
Controls and Dimming			
Dimmable	No	Product Data	
Driver/power unit/transformer	Power supply unit (On/Off)	Order product name	BY688P LED160 L3000/CW PSU S-NB PC
Control interface	-	Full product name	BY688P LED160 L3000/CW PSU S-NB PC
Constant light output	Yes	Full product code	911401571211
		Order code	911401571211
Mechanical and Housing		Material Nr. (12NC)	911401571211
Housing Material	Metal	Numerator - Quantity Per Pack	1
Optic material	Polycarbonate	Numerator - Packs per outer box	1
Optical cover material	Tempered glass		
Housing Color	Silver		

Dimensional drawing







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