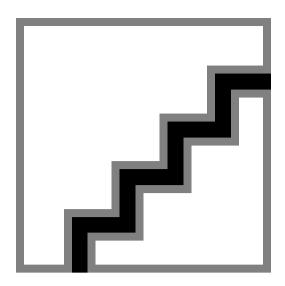
# **PHILIPS** Lighting



# Greenperform Highbay G2

## BY688P LED 140/NW PSR S-HRO

LED module 15600 lm, Neutral white, Power supply unit regulating, High-rack optic

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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	-
CE mark	-
ENEC mark	_

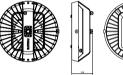
Light Technical	
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	85
Light source color	Neutral white
Optic type	High-rack optic
Optical cover type	Tempered glass
Luminaire light beam spread	100°
Operating and Electrical	
Line Frequency	50 to 60 Hz
Power Consumption	130 W

### **Greenperform Highbay G2**

Power Factor (Fraction)	0.95	
Connection	-	
Cable	Cable 3.0 m without plug	
Temperature		
Ambient temperature range	-25 to +45 °C	
Controls and Dimming		
Dimmable	Yes	
Driver/power unit/transformer	Power supply unit regulating	
Constant light output	Yes	
Mechanical and Housing		
Housing Material	Metal	
Optic material	Polycarbonate	
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/NW PSR S-HRO	
Full product name	BY688P LED 140/NW PSR S-HRO	
Full product code	911401573711	
Order code	911401573711	
Material Nr. (12NC)	911401573711	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	

#### **Dimensional drawing**









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