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 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	
Lamp family code	LED170 [LED module 17000 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	Polycarbonate bowl/cover clear

Greenperform Highbay G2

Luminaire light beam spread	70°

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Power Consumption	145 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

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
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

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%

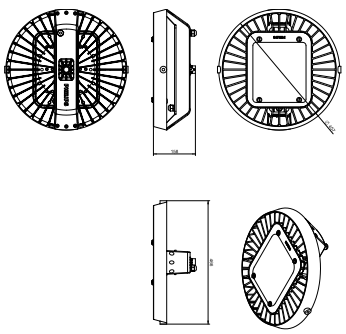
Application Conditions

Maximum dim level	Not applicable

Product Data

Order product name	BY688P LED160 L3000/CW PSU S-NB PC
Full product name	BY688P LED160 L3000/CW PSU S-NB PC
Full product code	911401571211
Order code	911401571211
Material Nr. (12NC)	911401571211
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.