



Greenperform Highbay G2

BY689P LED100 L3000/CW PSU S-NB

LED module 11000 lm, Cool white, Power supply unit (On/Off), 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

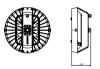
General Information	
Lamp family code	LED110 [LED module 11000 lm]
Light source replaceable	No
Number of gear units	1 unit
Gear	-
Driver included	Yes
Light source engine type	LED
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	_
CE mark	_
	lease and the second

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

Greenperform Highbay G2

Luminaire light beam spread	70°	Optical cover finish	Clear
Luminaire light beam spread	70		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	90 W	Protection class IEC	Safety class I
Power Factor (Fraction)	0.95		
Connection	_	Initial Performance (IEC Compliant)	
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%
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	BY689P LED100 L3000/CW PSU S-NB
Control interface	-	Full product name	BY689P LED100 L3000/CW PSU S-NB
Constant light output	Yes	Full product code	911401568111
		Order code	911401568111
Mechanical and Housing		Material Nr. (12NC)	911401568111
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









© 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.

www.lighting.philips.com 2023, October 25 - data subject to change