



GreenPerform Highbay G4

BY698P LED105/NW PSD WB GM G2

GreenPerform Highbay G4, 83 W, 10500 lm, 4000 K, DALI, 90°

Following the success of GreenPerform Highbay families, GreenPerform Highbay G4 is continuously exploring a better price & performance balance. The product family offers wide product ranges, competitive enough SPEC with long term quality & reliability, covering most of the potential industrial applications.

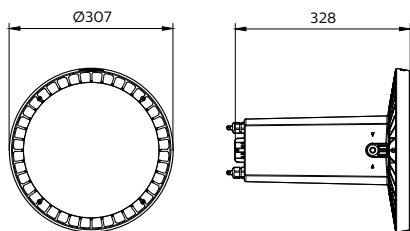
Product data

General Information			
Light source replaceable	No	Beam angle of light source	90 degree(s)
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Beam angle 90°
Light source engine type	LED	Optical cover type	Without cover
CE mark	CE mark	Luminaire light beam spread	90°
Warranty period	3 years	Operating and Electrical	
Flammability mark	For mounting on normally flammable surfaces	Input Voltage	220 to 240 V
ENEC mark	-	Line Frequency	50 or 60 Hz
Glow-wire test	Temperature 750 °C, duration 5 s	Initial CLO power consumption	83 W
EU RoHS compliant	Yes	Average CLO power consumption	83 W
Light Technical		Inrush current	53 A
Luminous Flux	10,500 lm	Inrush time	0.3 ms
Correlated Color Temperature (Nom)	4000 K	Power Consumption	83 W
Luminous Efficacy (rated) (Nom)	127 lm/W	Power Factor (Fraction)	0.95
Color rendering index (CRI)	>80	Connection	-
		Cable	Cable 0.3 m without plug

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Number of products on MCB of 16 A type B 13	
Temperature	
Ambient temperature range	-30 to +45 °C
Controls and Dimming	
Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
Constant light output	Programmable
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Aluminum
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Gray
Optical cover finish	Clear
Overall height	335 mm
Overall diameter	307 mm
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I

Dimensional drawing



Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.1 %
Median useful life L70B50	50,000 hour(s)
Application Conditions	
Maximum dim level	5%
Suitable for random switching	No
Product Data	
Order product name	BY698P LED105/NW PSD WB GM G2
Full product name	BY698P LED105/NW PSD WB GM G2
Full product code	872016954901200
Order code	911401534361
Material Nr. (12NC)	911401534361
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169549012
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169549012

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