



GreenPerform Highbay G4

BY698P LED68/NW PSU NB GM G2

GreenPerform Highbay G4, 52 W, 6800 lm, 4000 K, 60°

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
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable
	surfaces
ENEC mark	
Glow-wire test	Temperature 650 °C, duration 30 s
EU RoHS compliant	Yes
Light Technical	
Luminous Flux	6,800 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	135 lm/W

Color rendering index (CRI)	>80	
Light source color	840 neutral white	
Optic type	Symmetrical	
Optical cover type	Polycarbonate bowl/cover	
Luminaire light beam spread	60°	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 or 60 Hz	
Inrush current	47 A	
Inrush time	0.5 ms	
Power Consumption	52 W	
Power Factor (Fraction)	0.95	
Cable	Cable 0.3 m without plug	
Number of products on MCB of 16 A type B 8		
Cable Cable 0.3 m without plug		

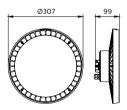
Datasheet, 2023, April 14 data subject to change

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Temperature	
Ambient temperature range	-30 to +50 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	Gray
Optical cover finish	Clear
Overall height	99 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

Initial Performance (IEC Compliant)		
Luminous flux tolerance	+/-10%	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
Median useful life L70B50	50,000 hour(s)	
Application Conditions		
Maximum dim level	Not applicable	
Suitable for random switching	No	
Product Data		
Order product name	BY698P LED68/NW PSU NB GM G2	
Full product name	BY698P LED68/NW PSU NB GM G2	
Full product code	872016954881700	
Order code	911401516861	
Material Nr. (12NC)	911401516861	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8720169548817	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8720169548817	

Dimensional drawing





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