



GreenPerform Highbay G4

BY698P LED105/NW PSU WB GM G2

GreenPerform Highbay G4, 78 W, 10500 lm, 4000 K, 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	Color rendering index (CRI)	>80
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Symmetrical
Light source engine type	LED	Optical cover type	Polycarbonate bowl/cover
Service tag	Yes	Luminaire light beam spread	90°
CE mark	CE mark	Operating and Electrical	
Warranty period	3 years	Input Voltage	220 to 240 V
Flammability mark	For mounting on normally flammable surfaces	Line Frequency	50 or 60 Hz
ENEC mark	-	Inrush current	47 A
Glow-wire test	Temperature 650 °C, duration 30 s	Inrush time	0.5 ms
EU RoHS compliant	Yes	Power Consumption	78 W
Light Technical		Power Factor (Fraction)	0.95
Luminous Flux	10,500 lm	Cable	Cable 0.3 m without plug
Correlated Color Temperature (Nom)	4000 K	Number of products on MCB of 16 A type B 8	
Luminous Efficacy (rated) (Nom)	135 lm/W		

GreenPerform Highbay G4

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 LED105/NW PSU WB GM G2
Full product name	BY698P LED105/NW PSU WB GM G2
Full product code	872016951939800
Order code	911401517361
Material Nr. (12NC)	911401517361
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169519398
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169519398

Dimensional drawing

