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
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	10,500 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	90°

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	78 W
Power Factor (Fraction)	0.95
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B	8

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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 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

Ø307 99

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2023, April 14 – data subject to change