GreenPerform Highbay G4

BY698P LED155/850 PSU WB CAU G2 CL

– 850 neutral white – Power supply unit (ON/OFF) –
Symmetrical

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

Light Technical

Luminous Flux	15,500 lumen
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	135 lm/W
Color rendering index (CRI)	>80
Light source color	850 neutral white
Optic type	Symmetrical
Optical cover/lens 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	54 A
Inrush time	0.65 ms
Power Consumption	115 W
Power Factor (Fraction)	0.95
Cable	Cable 3.0 m with plug
Number of products on MCB of 16 A type B	8

Temperature

Ambient temperature range	–30 to +50 °C

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	–

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Constant light output	No

Mechanical and Housing

Housing Material	Aluminum
Reflector material	–
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Housing Color	Gray
Optical cover/lens 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
Glow-wire test	Temperature 650 °C, duration 30 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	–
Warranty period	3 years
EU RoHS compliant	Yes

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 h

Application Conditions

Maximum dim level	Not applicable
Suitable for random switching	No

Product Data

Full product code	871016334640300
Order product name	BY698P LED155/850 PSU WB CAU G2 CL
Order code	911401518961
Local order code	BY698P1684PN3
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1
Material Nr. (12NC)	911401518961
Full product name	BY698P LED155/850 PSU WB CAU G2 CL
EAN/UPC – Case	8710163346403
Local code description	BY698P1684PN3

Dimensional drawing

Ø307   99

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