



GreenPerform Highbay G4

BY698P LED105/CW PSU NB GM G2

865 cool daylight - Power supply unit - Symmetrical

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

Product data

General Information	
Lamp colour code	865 cool daylight
Light source replaceable	No
Number of gear units	One unit
Driver/power unit/transformer	Power supply unit
Driver included	Yes
Optic type	Symmetrical
Optical cover/lens type	Polycarbonate bowl/cover
Luminaire light beam spread	60°
Control interface	-
Cable	Cable 0.3 m without plug
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

Constant light output	No
Number of products on MCB (16 A type B)	8
EU RoHS compliant	Yes
Light source engine type	LED
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Inrush current	47 A
Inrush time	0.5 ms
Power factor (min.)	0.95
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Aluminium
Reflector material	-

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Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Optical cover/lens finish	Clear
Overall height	99 mm
Overall diameter	307 mm
Colour	Grey

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	10500 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	135 lm/W
Lamp colour temperature	6500 K
Colour Rendering Index	>80
Initial input power	78 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

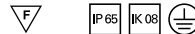
Median useful life L70B50	50000 h
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Application Conditions

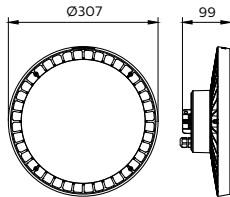
Ambient temperature range	-30 to +50 °C
Maximum dimming level	Not applicable
Suitable for random switching	No

Product Data

Full product code	911401517061
Order product name	BY698P LED105/CW PSU NB GM G2
Order code	911401517061
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401517061
SAP net weight (piece)	2.499 kg



Dimensional drawing



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