



GreenPerform Highbay G4

BY698P LED105/CW PSD NB GM G2

865 cool daylight - Power supply unit - Beam angle 60°

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	
Beam angle of light source	60 °
Lamp colour code	865 cool daylight
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	60 [Beam angle 60°]
Optical cover/lens type	Without cover
Luminaire light beam spread	60°
Control interface	DALI
Connection	No [-]
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I (I)
Glow-wire test	750/5 [Temperature 750 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark

ENEC mark	-
Warranty period	3 years
Constant light output	Programmable
Number of products on MCB (16 A type B)	13
EU RoHS compliant	Yes
Light source engine type	LED
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 or 60 Hz
Initial CLO power consumption	83 W
Average CLO power consumption	83 W
Inrush current	53 A
Inrush time	0.3 ms
Power factor (min.)	0.95

GreenPerform Highbay G4

Controls and Dimming

Dimmable	Yes
----------	-----

Mechanical and Housing

Housing material	Aluminum die-cast
Reflector material	Aluminium
Optic material	Polycarbonate
Optical cover/lens material	Polycarbonate
Fixation material	Aluminium
Optical cover/lens finish	Clear
Overall height	335 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	127 lm/W
Lamp colour temperature	6500 K

Colour Rendering Index	>80
Initial input power	83 W
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

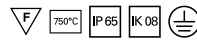
Median useful life L70B50	50000 h
---------------------------	---------

Application Conditions

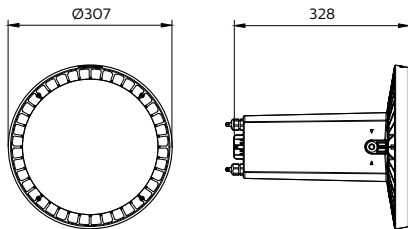
Ambient temperature range	-30 to +45 °C
Maximum dimming level	5% (1 to 10 V)
Suitable for random switching	No

Product Data

Full product code	911401534061
Order product name	BY698P LED105/CW PSD NB GM G2
Order code	911401534061
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	911401534061
SAP net weight (piece)	4.099 kg



Dimensional drawing



BY698P GreenPerform High-bay gen3

