PHILIPS

Lighting



GreenPerform Highbay G4

BY698P LED155/CW PSD NB GM G2

GreenPerform Highbay G4, 124 W, 15500 lm, 6500 K, DALI, 60°

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
CE mark	CE mark
Warranty period	3 years
Flammability mark	For mounting on normally flammable surfaces
ENEC mark	-
Glow-wire test	Temperature 750 °C, duration 5 s
EU RoHS compliant	Yes

Light Technical	
Luminous Flux	15,500 lm
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	125 lm/W
Color rendering index (CRI)	>80
Beam angle of light source	60 degree(s)
Light source color	865 cool daylight
Optic type	Beam angle 60°
Optical cover type	Without cover
Luminaire light beam spread	60°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	124 W
Average CLO power consumption	124 W
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	124 W
Power Factor (Fraction)	0.95
Connection	-
Cable	Cable 0.3 m without plug

GreenPerform Highbay G4

Number of products on MCB of 16 A type B	13

Temperature

Ambient temperature range	-30 to +45 °C

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit (On/Off)
Control interface	DALI
Constant light output	Programmable

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	Aluminum
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Gray
Optical cover finish	Clear
Overall height	335 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)

Driver failure rate at 5000 h	0.1 %
Median useful life L70B50	50,000 hour(s)

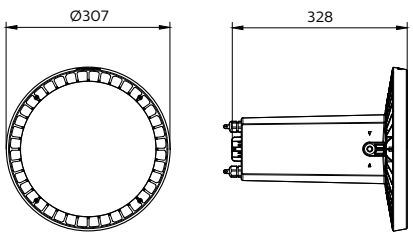
Application Conditions

Maximum dim level	5%
Suitable for random switching	No

Product Data

Order product name	BY698P LED155/CW PSD NB GM G2
Full product name	BY698P LED155/CW PSD NB GM G2
Full product code	911401534461
Order code	911401534461
Material Nr. (12NC)	911401534461
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing



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