



GreenPerform Highbay HT

BY687P LED250/NW PSR WB G2 XT

- 840 neutral white - Power supply unit regulating - Wide beam
- Tempered glass

GreenPerform Highbay High Ta is an ideal solution for high temperature application and special heavy industry, enables a safe working environment with leading specification and comfortable light. In the meanwhile, lower the overall maintenance cost eventually.

Product data

General Information	
Light source replaceable	No
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Light Technical	
Luminous Flux	25,000 lumen
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	Wide beam
Optical cover/lens type	Tempered glass
Luminaire light beam spread	93°

Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	185 W
Inrush current	38.3 A
Inrush time	625 ms
Power Factor (Fraction)	0.95
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Number of products on MCB of 16 A type B 6	

Temperature	
Ambient temperature range	-30 to +60 °C
Controls and Dimming	
Dimmable	Yes

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Driver/power unit/transformer	Power supply unit regulating
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polycarbonate
Optical cover/lens material	Tempered glass
Fixation material	-
Housing Color	Silver
Optical cover/lens finish	Clear
Overall height	165 mm
Overall diameter	520 mm

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]
Protection class IEC	Safety class I
Glow-wire test	Temperature 650 °C, duration 5 s
Flammability mark	For mounting on normally flammable surfaces
CE mark	CE mark
ENEC mark	-
Warranty period	3 years
EU RoHS compliant	No

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-10%
Initial chromaticity	(0.38.0.38)SDCM<5
Power consumption tolerance	+/-10%

Over Time Performance (IEC Compliant)

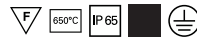
Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	75,000 hour(s)
Median useful life L80B50	60,000 hour(s)
Median useful life L90B50	45,000 hour(s)

Application Conditions

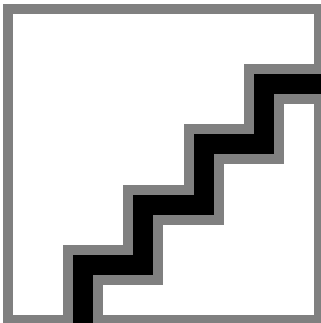
Maximum dim level	10% (depends on dimmer, ELV)
Suitable for random switching	No

Product Data

Full product code	911401514951
Order product name	BY687P LED250/NW PSR WB G2 XT
Order code	01514951
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material number (12NC)	911401514951
Full product name	BY687P LED250/NW PSR WB G2 XT



Dimensional drawing



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