



# GreenPerform Highbay HT

## BY687P LED250/NW PSR NB G2 XT EN

GreenPerform Highbay HT, 185 W, 25000 lm, 4000 K, 60°

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	Beam angle of light source	- degree(s)
Number of gear units	1 unit	Light source color	840 neutral white
Driver included	Yes	Optic type	Narrow beam
Light source engine type	LED	Optical cover type	Tempered glass
CE mark	CE mark	Luminaire light beam spread	60°
Warranty period	3 years	Operating and Electrical	
Flammability mark	For mounting on normally flammable surfaces	Input Voltage	220 to 240 V
ENEC mark	-	Line Frequency	50 to 60 Hz
Glow-wire test	Temperature 650 °C, duration 5 s	Inrush current	38.3 A
EU RoHS compliant	No	Inrush time	625 ms
Light Technical		Power Consumption	185 W
Luminous Flux	25,000 lm	Power Factor (Fraction)	0.95
Correlated Color Temperature (Nom)	4000 K	Connection	Flying leads/wires
Luminous Efficacy (rated) (Nom)	135 lm/W	Cable	Cable 0.3 m without plug
Color rendering index (CRI)	>80	Number of products on MCB of 16 A type B 6	

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Temperature	
Ambient temperature range	-30 to +60 °C
Controls and Dimming	
Dimmable	Yes
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 material	Tempered glass
Fixation material	-
Housing Color	Silver
Optical cover 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

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	
Order product name	BY687P LED250/NW PSR NB G2 XT EN
Full product name	BY687P LED250/NW PSR NB G2 XT EN
Full product code	911401515051
Order code	911401515051
Material Nr. (12NC)	911401515051
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

