



GreenPerform Highbay HT

BY687P LED250/NW PSR NB G2 XT

840 neutral white - Power supply unit regulating - Narrow 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		Operating and electrical	
Light source color	840 neutral white	ENEC mark	-
Light source replaceable	No	Warranty period	3 years
Number of gear units	1 unit	Constant light output	No
Driver/power unit/transformer	Power supply unit regulating	Number of products on MCB of 16 A type B	6
Driver included	Yes	EU RoHS compliant	No
Optic type	Narrow beam	Light source engine type	LED
Optical cover/lens type	Tempered glass	Operating and electrical	
Luminaire light beam spread	60°	Input Voltage	220 to 240 V
Control interface	-	Input Frequency	50 to 60 Hz
Connection	Flying leads/wires	Inrush current	38.3 A
Cable	Cable 0.3 m without plug	Inrush time	625 ms
Protection class IEC	Safety class I	Power Factor (Min)	0.95
Glow-wire test	Temperature 650 °C, duration 5 s	Controls and dimming	
Flammability mark	For mounting on normally flammable surfaces	Dimmable	Yes
CE mark	CE mark		

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Mechanical and housing

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

Approval and application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK07 [2 J reinforced]

Initial performance (IEC compliant)

Initial luminous flux (system flux)	25000 lm
Luminous flux tolerance	+/-10%
Initial LED luminaire efficacy	135 lm/W
Init. Corr. Color Temperature	4000 K
Init. Color Rendering Index	>80
Initial chromaticity	(0.38,0.38)SDCM<5
Initial input power	185 W

Power consumption tolerance	+/-10%
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Over time performance (IEC compliant)

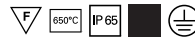
Driver failure rate at 5000 h	0.01 %
Median useful life L70B50	75000 h
Median useful life L80B50	60000 h
Median useful life L90B50	45000 h

Application conditions

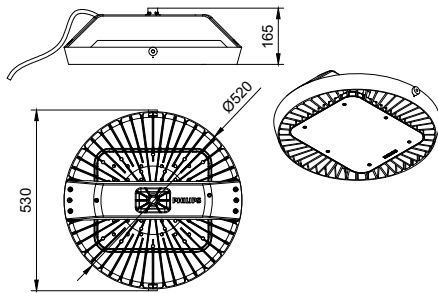
Ambient temperature range	-30 to +60 °C
Maximum dim level	10% (depends on dimmer, ELV)
Suitable for random switching	No

Product data

Full product code	911401514851
Order product name	BY687P LED250/NW PSR NB G2 XT
Order code	911401514851
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401514851
Net Weight (Piece)	8.999 kg



Dimensional drawing



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