



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 specication and comfortable light. In the meanwhile, lower the overall maintenance cost eventually.

Product data

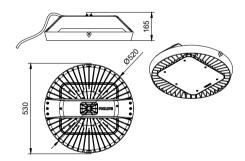
General Information		
Light source replaceable	No	
Number of gear units	1 unit	
Driver included	Yes	
Light source engine type	LED	
CE mark	CE mark	
Warranty period	3 years	
Flammability mark	For mounting on normally flammable	
	surfaces	
ENEC mark	-	
Glow-wire test	Temperature 650 °C, duration 5 s	
EU RoHS compliant	No	
Light Technical		
Luminous Flux	25,000 lm	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	135 lm/W	
Color rendering index (CRI)	>80	

Beam angle of light source	- degree(s)	
Light source color	840 neutral white	
Optic type	Narrow beam	
Optical cover type	Tempered glass	
Luminaire light beam spread	60°	
Operating and Electrical		
Input Voltage	220 to 240 V	
Line Frequency	50 to 60 Hz	
Inrush current	38.3 A	
Inrush time	625 ms	
Power Consumption	185 W	
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		

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Temperature		Initial Performance (IEC Complia	nt)
Ambient temperature range	-30 to +60 °C	Luminous flux tolerance	+/-10%
		Initial chromaticity	(0.38.0.38)SDCM<5
Controls and Dimming		Power consumption tolerance	+/-10%
Dimmable	Yes		
Driver/power unit/transformer	Power supply unit regulating	Over Time Performance (IEC Compliant)	
Control interface	-	Driver failure rate at 5000 h	0.01 %
Constant light output	No	Median useful life L70B50	75,000 hour(s)
		Median useful life L80B50	60,000 hour(s)
Mechanical and Housing		Median useful life L90B50	45,000 hour(s)
Housing Material	Aluminum die cast		
Reflector material	-	Application Conditions	
Optic material	Polycarbonate	Maximum dim level	10% (depends on dimmer, ELV)
Optical cover material	Tempered glass	Suitable for random switching	No
Fixation material	-		
Housing Color	Silver	Product Data	
Optical cover finish	Clear	Order product name	BY687P LED250/NW PSR NB G2 XT EN
Overall height	165 mm	Full product name	BY687P LED250/NW PSR NB G2 XT EN
Overall diameter	520 mm	Full product code	911401515051
		Order code	911401515051
Approval and Application		Material Nr. (12NC)	911401515051
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	Numerator - Quantity Per Pack	1
Mech. impact protection code	IK07 [2 J reinforced]	Numerator - Packs per outer box	1
Protection class IEC	Safety class I		

Dimensional drawing





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