



GreenPerform Highbay HT

BY689P LED110/NW PSU WB G2 120-277XTEN

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

The GreenPerform Highbay High Ta is an ideal solution for high temperatures and special heavy industry usage, enables a safe working environment with leading specifications and offers comfortable light. In the meantime, lower your overall maintenance costs.

Product data

General Information	
Beam angle of light source	- °
Lamp colour code	840 neutral white
Light source replaceable	No
Number of gear units	1 unit
Driver/power unit/transformer	PSU [Power supply unit]
Driver included	Yes
Optic type	WB [Wide beam]
Optical cover/lens type	GT [Tempered glass]
Luminaire light beam spread	93°
Control interface	-
Connection	Flying leads/wires
Cable	Cable 0.3 m without plug
Protection class IEC	Safety class I (I)
Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Flammability mark	F [For mounting on normally flammable
	surfaces]

CE mark	CE mark
ENEC mark	-
Warranty period	3 years
Constant light output	No
Number of products on MCB (16 A ty	/pe B) 8
EU RoHS compliant	No
LED engine type	LED
Operating and Electrical	
Input Voltage	120 to 277 V
Input frequency	50 to 60 Hz
Inrush current	126 A
Inrush time	140 ms
Power factor (min.)	0.95

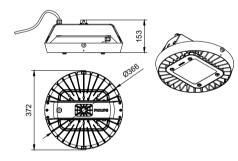
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Controls and Dimming		Initial input power
Dimmable	No	Power consumptio
Mechanical and Housing		Over Time Perfo
Housing material	Aluminum die-cast	Median useful life
Reflector material	-	Median useful life
Optic material	Polycarbonate	Median useful life
Optical cover/lens material	Tempered glass	
Fixation material	-	Application Con
Optical cover/lens finish	Clear	Ambient temperat
Overall height	135 mm	Maximum dimming
Overall diameter	366 mm	Suitable for randor
Colour	Silver	
		Product Data
Approval and Application		Full product code
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	Order product nam
Mech. impact protection code	IK07 [2 J reinforced]	
		Order code
Initial Performance (IEC Complia	ant)	Numerator – quan
Initial luminous flux (system flux)	11000 lm	SAP numerator - p
Luminous flux tolerance	+/-10%	Material no. (12 NC
Initial LED luminaire efficacy	128 lm/W	Net Weight (Piece)
Lamp colour temperature	4000 K	
Colour Rendering Index	>80	
Initial chromaticity	(0.38.0.38)SDCM<5	F 650°C IP 65

Initial input power	86 W	
Power consumption tolerance	+/-10%	
Over Time Performance (IEC Compliant)		
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 dimming level	Not applicable	
Suitable for random switching	No	
Suitable for random switching	No	
Suitable for random switching Product Data	No	
	No 911401517351	
Product Data		
Product Data Full product code	911401517351	
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Product Data Full product code Order product name	911401517351 BY689P LED110/NW PSU WB G2 120-277XTEN	
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Product Data Full product code Order product name Order code Numerator – quantity per pack	911401517351 BY689P LED110/NW PSU WB G2 120-277XTEN 911401517351 1	
Product Data Full product code Order product name Order code Numerator - quantity per pack SAP numerator - packs per outer box	911401517351 BY689P LED110/NW PSU WB G2 120-277XTEN 911401517351 1 1	



Dimensional drawing



GreenPerform High-bay gen2 BY687P-BY689P

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