



GreenPerform Highbay Rectangular

BY570P LED150/CW PSU HRO PP

GreenPerform Highbay Rectangular, 105 W, 15000 lm, 6500 K, 45° x 90°

The GreenPerform Highbay Rectangular continues the GreenPerform family's enviable reputation for reliable performance, provi. Not only does it deliver Unified Glare Rating (UGR) control with its optimized optical design, it also promises leading system efficiency, compact dimensions and extended long-term quality. Optimized for almost all industrial applications, it is also fully compatible with IoT software such as the Interact scalable system.

Product data

General Information		Operating and Electrical	
Driver included	Yes	Luminaire light beam spread	45° x 90°
Light source engine type	LED	Unified glare rating CEN	28
Service tag	Yes	Input Voltage	220 to 240 V
Value ladder	Performance	Line Frequency	50 to 60 Hz
Warranty period	3 years	Inrush current	41.6 A
Light Technical		Inrush time	0.665 ms
Luminous Flux	15,000 lm	Power Consumption	105 W
Correlated Color Temperature (Nom)	6500 K	Power Factor (Fraction)	0.95
Luminous Efficacy (rated) (Nom)	144 lm/W	Connection	-
Color rendering index (CRI)	80	Cable	Cable without plug 3-pole
Beam angle of light source	116 degree(s)	Number of products on MCB of 16 A type B	6
Light source color	865 cool daylight	Suitable for random switching	No
Optic type	Symmetrical		

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Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	-
Control interface	-
Maximum dim level	Not applicable
Mechanical and Housing	
Housing Material	Aluminum Alloy
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Housing Color	RAL 7043
Optical cover finish	Clear
Overall length	340 mm
Overall width	236 mm
Overall height	110 mm
Dimensions (Height x Width x Depth)	110 x 236 x 340 mm
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK06 [1 J]
Optical cover type	Polycarbonate
Net Weight (Piece)	3.050 kg

Approval and Application

CE mark	Yes
Photobiological risk	Photobiological risk group 2 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	35 °C
Ambient temperature range	-30 to +50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	-10% / +10%
Initial chromaticity	(0.313,0.324)
Power consumption tolerance	+/-10%

Product Data

Order product name	BY570P LED150/CW PSU HRO PP
Full product name	BY570P LED150/CW PSU HRO PP
Order code	911401567643
Material Nr. (12NC)	911401567643
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

