



GreenPerform Highbay Rectangular

BY570P LED150/CW PSD HRO SP

GreenPerform Highbay Rectangular, 110 W, 15000 lm, 6500 K, DALI, 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	53 A
		Inrush time	0.3 ms
		Power Consumption	110 W
		Power Factor (Fraction)	0.95
		Connection	2 Push-in connector 2-pole
		Cable	Cable without plug 3-pole
		Number of products on MCB of 16 A type B	8
		Suitable for random switching	No
Light Technical			
Luminous Flux	15,000 lm		
Correlated Color Temperature (Nom)	6500 K		
Luminous Efficacy (rated) (Nom)	137 lm/W		
Color rendering index (CRI)	80		
Beam angle of light source	116 degree(s)		
Light source color	865 cool daylight		
Optic type	Symmetrical		

GreenPerform Highbay Rectangular

Protection class IEC	Safety class I
Controls and Dimming	
Dimmable	DALI
Control interface	DALI
Maximum dim level	10%
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)	3.960 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 +45 °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 PSD HRO SP
Full product name	BY570P LED150/CW PSD HRO SP
Order code	911401577243
Material Nr. (12NC)	911401577243
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

