



# GreenPerform Highbay Rectangular

## BY570P LED200/CW PSD HRO PP

GreenPerform Highbay Rectangular, 142 W, 20000 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		Luminaire light beam spread	
Driver included	Yes		45° x 90°
Light source engine type	LED	Unified glare rating CEN	28
Service tag	Yes	<b>Operating and Electrical</b>	
Value ladder	Performance	Input Voltage	220 to 240 V
Warranty period	3 years	Line Frequency	50 to 60 Hz
<b>Light Technical</b>		Inrush current	53 A
Luminous Flux	20,000 lm	Inrush time	0.3 ms
Correlated Color Temperature (Nom)	6500 K	Power Consumption	142 W
Luminous Efficacy (rated) (Nom)	141 lm/W	Power Factor (Fraction)	0.95
Color rendering index (CRI)	80	Connection	2 Push-in connector 2-pole
Beam angle of light source	116 degree(s)	Cable	Cable without plug 3-pole
Light source color	865 cool daylight	Number of products on MCB of 16 A type B	8
Optic type	Symmetrical	Suitable for random switching	No

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Protection class IEC	Safety class I
<b>Controls and Dimming</b>	
Dimmable	DALI
Control interface	DALI
Maximum dim level	10%
<b>Mechanical and Housing</b>	
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	272 mm
Overall height	110 mm
Dimensions (Height x Width x Depth)	110 x 272 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)	4.210 kg

## Approval and Application

CE mark	Yes
Photobiological risk	Photobiological risk group 1 @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 LED200/CW PSD HRO PP
Full product name	BY570P LED200/CW PSD HRO PP
Order code	911401570643
Material Nr. (12NC)	911401570643
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

## Dimensional drawing

