



GreenPerform Highbay Rectangular

BY570P LED150/840 PSD NB CAU

GreenPerform Highbay Rectangular, 110 W, 20000 lm, 4000 K, DALI, 60°

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		60°
Light source engine type	LED	Unified glare rating CEN	22
Service tag	Yes	Operating and Electrical	
Value ladder	Performance	Input Voltage	220 to 240 V
Warranty period	3 years	Line Frequency	50 to 60 Hz
Light Technical		Inrush current	53 A
Luminous Flux	20,000 lm	Inrush time	0.3 ms
Correlated Color Temperature (Nom)	4000 K	Power Consumption	110 W
Luminous Efficacy (rated) (Nom)	137 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	840 neutral white	Number of products on MCB of 16 A type B	8
Optic type	Beam angle 60°	Suitable for random switching	No

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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)	4.440 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	(0.380,0.379)
Power consumption tolerance	+/-10%

Product Data

Order product name	BY570P LED150/840 PSD NB CAU
Full product name	BY570P LED150/840 PSD NB CAU
Order code	911401582543
Material Nr. (12NC)	911401582543
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

