GreenPerform Highbay Rectangular

BY570X LED150/NW SIA HRO SP

GreenPerform Highbay Rectangular, 108 W, 15000 lm, 4000 K, Wireless, 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

Driver included	Yes
Light source engine type	LED
Service tag	Yes
Warranty period	3 years

Light Technical

Luminous Flux	15,000 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	139 lm/W
Color rendering index (CRI)	80
Beam angle of light source	116 degree(s)
Light source color	840 neutral white
Optic type	Symmetrical
Luminaire light beam spread	45° x 90°

Unified glare rating CEN	28

Operating and Electrical

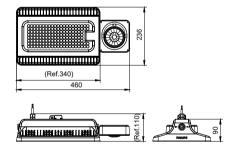|	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	5.1 A
Inrush time	0.76 ms
Power Consumption	108 W
Power Factor (Fraction)	0.95
Connection	–
Cable	Cable without plug 3-pole
Number of products on MCB of 16 A type B	12
Suitable for random switching	No
Protection class IEC	Safety class I

GreenPerform Highbay Rectangular

Controls and Dimming

Dimmable	Wireless Dim
Control interface	Wireless
Maximum dim level	1%

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)	4.240 kg

Approval and Application

CE mark	Yes

Photobiological risk

Photobiological risk	Photobiological risk group 2 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	35 ℃
Ambient temperature range	–30 to +45 ℃

Initial Performance (IEC Compliant)

Luminous flux tolerance	–10% / +10%
Initial chromaticity	(0.380,0.379)
Power consumption tolerance	+/-10%

Product Data

Order product name	BY570X LED150/NW SIA HRO SP
Full product name	BY570X LED150/NW SIA HRO SP
Order code	911401579343
Material Nr. (12NC)	911401579343
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	1

Dimensional drawing

www.lighting.philips.com

2025, September 24 – data subject to change