



# GreenPerform Highbay Rectangular

## BY570X LED100/NW SIA WB PP

GreenPerform Highbay Rectangular, 67 W, 10000 lm, 4000 K, Wireless, 93°

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               | Luminaire light beam spread              | 93°                       |
| Light source engine type           | LED               | Unified glare rating CEN                 | 27                        |
| 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                           | 5.1 A                     |
| Luminous Flux                      | 10,000 lm         | Inrush time                              | 0.76 ms                   |
| Correlated Color Temperature (Nom) | 4000 K            | Power Consumption                        | 67 W                      |
| Luminous Efficacy (rated) (Nom)    | 150 lm/W          | Power Factor (Fraction)                  | 0.95                      |
| Color rendering index (CRI)        | 80                | Connection                               | -                         |
| 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 | 12                        |
| Optic type                         | Beam angle 90°    | Suitable for random switching            | No                        |

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|                                     |  |
|-------------------------------------|--|
| Protection class IEC                | Safety class I                               |
| <b>Controls and Dimming</b>         |  |
| Dimmable                            | Wireless Dim                                 |
| Control interface                   | Wireless                                     |
| Maximum dim level                   | 1%   |
| <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                       | 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)                  | 3.800 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        | (0.380,0.379) |
| Power consumption tolerance | +/-10%        |

## Product Data

|                                 |                            |
|---------------------------------|----------------------------|
| Order product name              | BY570X LED100/NW SIA WB PP |
| Full product name               | BY570X LED100/NW SIA WB PP |
| Order code                      | 911401571343               |
| Material Nr. (12NC)             | 911401571343               |
| Numerator - Quantity Per Pack   | 1                          |
| Numerator - Packs per outer box | 1                          |

## Dimensional drawing

