



# GreenPerform Highbay Rectangular

## BY570P LED150/CW PSD WB SP

GreenPerform Highbay Rectangular, 110 W, 15000 lm, 6500 K, DALI, 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                |                   | Operating and Electrical                 |                            |
|------------------------------------|-------------------|--|----------------------------|
| Driver included                    | Yes               | Luminaire light beam spread              | 93°                        |
| Light source engine type           | LED               | Unified glare rating CEN                 | 27                         |
| 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                     |
| Light Technical                    |                   | Power Consumption                        | 110 W                      |
| Luminous Flux                      | 15,000 lm         | Power Factor (Fraction)                  | 0.95                       |
| Correlated Color Temperature (Nom) | 6500 K            | Connection                               | 2 Push-in connector 2-pole |
| Luminous Efficacy (rated) (Nom)    | 137 lm/W          | Cable                                    | Cable without plug 3-pole  |
| Color rendering index (CRI)        | 80                | Number of products on MCB of 16 A type B | 8                          |
| Beam angle of light source         | 116 degree(s)     | Suitable for random switching            | No                         |
| Light source color                 | 865 cool daylight |  |                            |
| Optic type                         | Beam angle 90°    |  |                            |

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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                       | 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 WB SP |
| Full product name               | BY570P LED150/CW PSD WB SP |
| Order code                      | 911401577043               |
| Material Nr. (12NC)             | 911401577043               |
| Numerator - Quantity Per Pack   | 1                          |
| Numerator - Packs per outer box | 1                          |

## Dimensional drawing

