# GreenPerform Highbay Rectangular

## BY570P LED200/NW PSD HRO PP

GreenPerform Highbay Rectangular, 142 W, 20000 lm, 4000 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 | |
|---|---|
| **Driver included** | Yes |
| **Light source engine type** | LED |
| **Service tag** | Yes |
| **Value ladder** | Performance |
| **Warranty period** | 3 years |

| Light Technical | |
|---|---|
| **Luminous Flux** | 20,000 lm |
| **Correlated Color Temperature (Nom)** | 4000 K |
| **Luminous Efficacy (rated) (Nom)** | 141 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** | 53 A |
| **Inrush time** | 0.3 ms |
| **Power Consumption** | 142 W |
| **Power Factor (Fraction)** | 0.95 |
| **Connection** | 2 Push-in connector 2-pole |
| **Cable** | Cable without plug 3-pole |
| **Number of products on MCB of 16 A type B** | 8 |
| **Suitable for random switching** | No |

# GreenPerform Highbay Rectangular

| | |
|---|---|
| **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** | 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 |

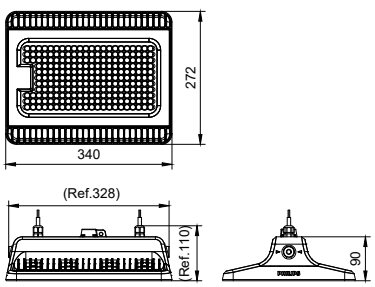
## Initial Performance (IEC Compliant)

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

## Product Data

| | |
|---|---|
| **Order product name** | BY570P LED200/NW PSD HRO PP |
| **Full product name** | BY570P LED200/NW PSD HRO PP |
| **Order code** | 911401570343 |
| **Material Nr. (12NC)** | 911401570343 |
| **Numerator - Quantity Per Pack** | 1 |
| **Numerator - Packs per outer box** | 1 |

## Dimensional drawing

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