

PRODUCT DATASHEET

ENDURA PRO SPOT SENSOR 16W 840 IP55 WT

ENDURA® PRO SPOT SENSOR | High efficiency wall sensor luminaires with narrow beam angle in innovative optical design



Areas of application

- Outdoor
- Entrance areas
- Arcade passage

Product benefits

- Small spotlight for precise illumination
- Lighting according to requirements due to adjustable luminaire head
- Easy and quick installation

Product features

- 4 operating modes selectable (light 6h continuous on, standby, switch-on by movement or dusk)
- Adjustable luminaire head
- Type of protection: IP55
- Impact resistance: IK05
- Protection class: II



TECHNICAL DATA

Electrical data

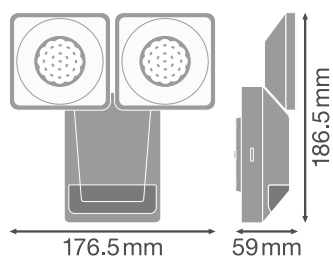
| | |
|-------------------------------|---------------|
| Nominal wattage | 16.00 W |
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz |
| Nominal current | 86 mA |
| Inrush current | 8 A |
| Inrush current time T_{h50} | 50 μ s |
| Power factor λ | > 0.85 |
| Protection class | II |
| Operating mode | Mains voltage |

Photometrical data

| | |
|--|---------------------------|
| Luminous flux | 1500 lm |
| Luminous efficacy | 86 lm/W |
| Color temperature | 4000 K |
| Light color (designation) | Cool White |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | ≤ 6 sdc _m |
| Photobiological safety group acc. to EN62778 | RG1 |
| Photobiological safety group acc. to EN62471 | RG1 |
| Beam angle | 50 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 177.00 mm |
| Width | 58.00 mm |
| Height | 187.00 mm |
| Product weight | 415.00 g |



Materials & Colors

| | |
|-----------------|--------------------|
| Product color | White |
| Housing color | White |
| Body material | Polycarbonate (PC) |
| Cover material | Polycarbonate (PC) |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|--|-----------------------------|
| Ambient temperature range | -20...+40 °C |
| Temperature range at storage | -25...+70 °C |
| Type of connection | Terminal, 3-Pole (L, N, PE) |
| Type of protection | IP55 |
| Protection class IK (shock resistance) | IK05 |
| Dimmable | No |
| Mounting type | Surface |
| Mounting location | Wall |
| Application environment | Outdoor |
| LED module replaceable | Not replaceable |
| With light source | Yes |

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 30000 h |
| Number of switching cycles | 100000 |

Control gear

| | |
|----------------|--------------|
| Output current | 220...280 mA |
|----------------|--------------|

Sensor

| | |
|--|------------------------|
| Type of sensor | Light / Motion |
| Sensor technology | Passive infrared (PIR) |
| Sensor detection angle | 180 ° |
| Sensor controlled switching time | 2 s...15 min |
| Detection range of motion sensor | 12 m |
| Detection threshold of daylight sensor | 1...1000 lx |

Certificates & Standards



Standards

CE / EAC / REACH / RoHS

DOWNLOAD DATA**DOWNLOAD DATA**

User instruction



Tender documents



Declarations of conformity

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075228917 | Shipping box 6 | 294 mm x 150 mm x 213 mm | 3124.00 g | 9.39 dm ³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.