

LED line PRIME

Code: 203181

EAN: 5905378203181

**Highbay luminaire PHANTOM 4000K  
150W 28500lm 90° IP65 black PRIME 1-  
10V**



**Phantom PRIME** is a high-performance high-bay fixture that combines energy efficiency, reliability, and ease of installation. Designed for halls, warehouses, sports facilities, and food-pharmaceutical plants, it guarantees excellent working conditions and quick amortization.

**Key attributes:**

- Power 70 W / 100 W / 150 W / 200 W, efficiency up to 190 lm/W (CRI 70) or 175 lm/W (CRI 80)
- Adjustable beam angles 60° / 90° / 120° for precise illumination
- PZH certificate – approved for environments with strict hygiene standards
- IP65 & IK08 resistance, operating temperatures from -30 °C to +45 °C
- Lightweight aluminum housing – quick and safe installation at height
- 5 years warranty – full service support



**Technical data**

| Parameter  | Value          |
|--|----------------|
| Energy efficiency class 2019/2015  | B              |
| Warranty   | 5/7*           |
| Power  | • 150 W        |
| Voltage  | • 100-277 V AC |
| Correlated colour temperature  | • 4000 K       |
| Colour of the light  | White          |
| Colour rendering index Ra  | 70             |
| IP protection rating   | IP65           |
| IK protection rating   | 09             |
| IEC protection class   | I              |
| Luminous efficacy  | 190            |
| Luminous flux  | 28500          |
| The lumen maintenance factor   | 96             |
| Lifetime L70B50  | 100 000 h      |
| L80B* – difference B10–B50 ≈ 1% (according to LightingEurope) – negligible | 75000 h        |
| L90B* – difference B10–B50 ≈ 1% (according to LightingEurope) – negligible | 50000 h        |

| Parameter                                  | Value         |
|--|---------------|
| Survival factor                            | 0.9           |
| Dimmable function                          | 1-10          |
| Standby power                              | 0             |
| Frequency of the supply voltage            | 50/60Hz       |
| Beam angle                                 | 90            |
| LED type                                   | SMD 2835      |
| LED quantity                               | 480           |
| Power Factor                               | >=0,95        |
| Number of on/off cycles                    | 50000         |
| Lamp's warm-up time to 60%                 | 1             |
| Ambient temperature suitable for operation | -30÷45        |
| Height                                     | 110 mm        |
| Fixture's diameter                         | 330 mm        |
| Material (housing)                         | Aluminium     |
| Material (cover)                           | Polycarbonate |

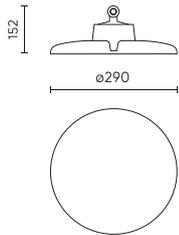
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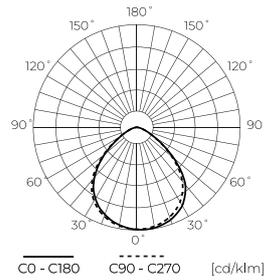
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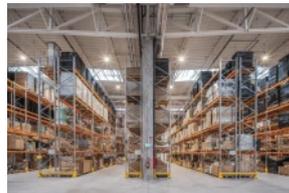
**Technical drawing**



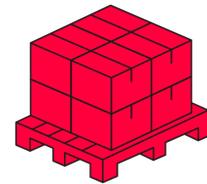
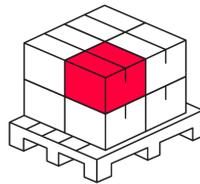
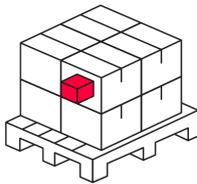
**Light distribution**



**Additional product photos**



**Logistics data**



**Single packaging**

|          |        |
|----------|--------|
| Quantity | 1      |
| Width    | 350 mm |
| Height   | 350 mm |
| Length   | 160 mm |
| Weight   | 2,7 kg |

**Bulk packaging**

|          |          |
|----------|----------|
| Quantity | 1        |
| Width    | 350 mm   |
| Height   | 160 mm   |
| Length   | 350 mm   |
| Volume   | 0,019 m3 |
| Weight   | 2,7 kg   |

**Europallet**

|                   |        |
|-------------------|--------|
| Quantity          | 72     |
| Height            | 1,9 m  |
| Quantity in layer | 6      |
| Number of layers  | 12     |
| Bulk quantity     | 72     |
| Weight            | 230 kg |

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**Example application**

