

Code: 219359

EAN: 5905378219359

PHANTOM 100W 4000K 175lm/W  
17500lm 1-10V 120° CRI80 PRIME



New

**Phantom PRIME** is a high-performance high-bay luminaire that combines energy efficiency, reliability, and ease of installation. Designed with warehouses, sports facilities, and food or pharmaceutical plants in mind, it ensures excellent working conditions and quick return on investment.

Key features:

- 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 requirements
- Smart dimming (1–10 V) with Merrytek sensors or via DALI2
- IP65 & IK08 protection, operating temperature from –30 °C to +45 °C
- Lightweight aluminum housing – quick and safe high-level installation
- 5-year warranty – full service support



Technical data

| Parameter                         | Value                                                          |
|-----------------------------------|----------------------------------------------------------------|
| Energy efficiency class 2019/2015 | B                                                              |
| Warranty                          | 5                                                              |
| Power                             | <ul style="list-style-type: none"><li>• 100 W</li></ul>        |
| Voltage                           | <ul style="list-style-type: none"><li>• 100-277 V AC</li></ul> |
| Correlated colour temperature     | <ul style="list-style-type: none"><li>• 4000 K</li></ul>       |
| Colour of the light               | White                                                          |
| Colour rendering index Ra         | 80                                                             |
| IP protection rating              | IP65                                                           |
| IK protection rating              | 08                                                             |
| IEC protection class              | I                                                              |
| Luminous efficacy                 | 175                                                            |
| Luminous flux                     | 17500                                                          |

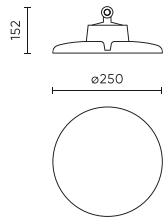
| Parameter                                  | Value     |
|--------------------------------------------|-----------|
| The lumen maintenance factor               | 96        |
| Lifetime L70B50                            | 100 000 h |
| Dimmable function                          | 1-10      |
| Frequency of the supply voltage            | 50/60Hz   |
| Fixture's diameter                         | 250 mm    |
| Beam angle                                 | 120       |
| LED type                                   | SMD 2835  |
| LED quantity                               | 320       |
| Number of on/off cycles                    | 50000     |
| Lamp's warm-up time to 60%                 | 1         |
| Ambient temperature suitable for operation | -30÷45    |
| Material (housing)                         | Aluminium |

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**Technical drawing**

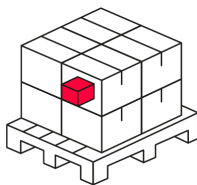


**Light distribution**

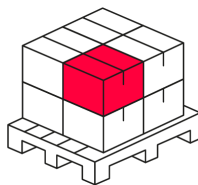
**Additional product photos**



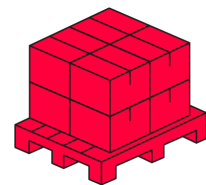
**Logistics data**



**Single packaging**



**Bulk packaging**



**Europallet**

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**Example application**

