

Code: 219403

EAN: 5905378219403

PHANTOM 100W 4000K 175lm/W
17500lm DALI 90° 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	• 100 W
Voltage	• 100-277 V AC
Correlated colour temperature	• 4000 K
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
The lumen maintenance factor	96

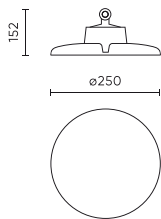
Parameter	Value
Lifetime L70B50	100 000 h
Dimmable function	Dali
Frequency of the supply voltage	50/60Hz
Fixture's diameter	250 mm
Beam angle	90
LED type	SMD 2835
LED quantity	320
Number of on/off cycles	50000
Lamp's warm-up time to 60%	1
Ambient temperature suitable for operation	-30÷45
Height	152 mm
Material (housing)	Aluminium

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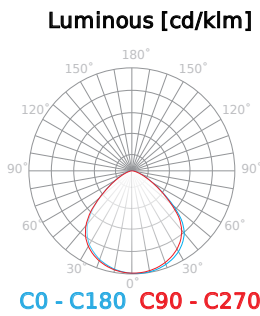
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Technical drawing



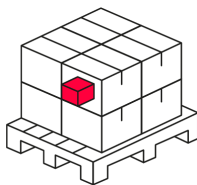
Light distribution



Additional product photos

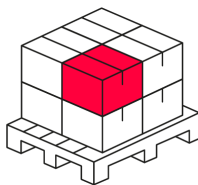


Logistics data



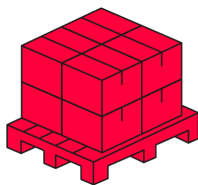
Single packaging

Quantity	1
Width	300 mm
Height	300 mm
Length	160 mm
Weight	1,7 kg



Bulk packaging

Quantity	1
Width	300 mm
Height	160 mm
Length	300 mm
Volume	0,014 m3
Weight	1,7 kg



Europallet

Quantity	100
Height	1920 mm
Quantity in layer	8
Number of layers	12
Bulk quantity	96
Weight	25 kg

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Example application

