

LED line PRIME

Code: 219458

EAN: 5905378219458

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



**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	1-10
Frequency of the supply voltage	50/60Hz
Fixture's diameter	250 mm
Beam angle	120
Sensor type	Microwave
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

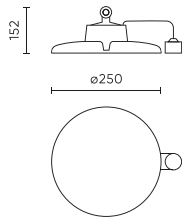
LED line PRIME

Code: 219458

EAN: 5905378219458

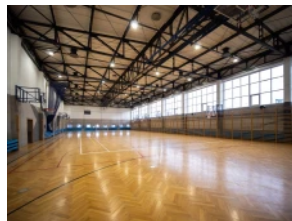
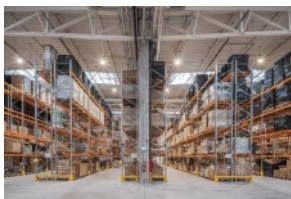
**PHANTOM 100W 4000K 175lm/W  
17500lm 1-10V 120° CRI80 MV PRIME**

**Technical drawing**

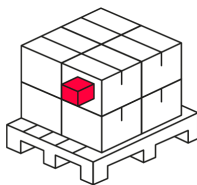


**Light distribution**

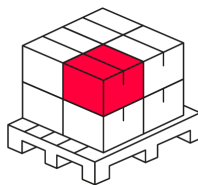
**Additional product photos**



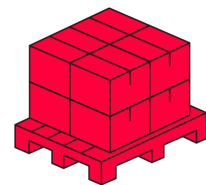
**Logistics data**



**Single packaging**



**Bulk packaging**



**Europallet**

LED line PRIME

Code: 219458

EAN: 5905378219458

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

**Example application**

