

LED line PRIME

Code: 207073

EAN: 5905378207073

PHANTOM 200W 4000K 190lm/W
38000lm 1-10V 90° 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	• 200 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	08
IEC protection class	I
Luminous efficacy	190
Luminous flux	38000
The lumen maintenance factor	96
Lifetime L70B50	100 000 h
Survival factor	0.9
Dimmable function	1-10
Standby power	0

Parameter	Value
Wyniki tłumaczenia Functional description of the daylight sensor [LUX]	5 lx/15 lx/30 lx/50 lx/100 lx/150 lx/OFF
Detecting Area (Radius)	1m/s: 25% - 3m /50% - 4m/ 75% - 7m/100% - 9m; 0,3m/s: 25% - 4m /50% - 6m/ 75% - 10m/100% - 13m
Hold time	5 sek /30 sek/1 min/3 min/ 5min/10 min/2 0min/30 min
Stand-by dimming level	10% (1,4–1,6 V), 20% (1,9–2,1 V), 30% (2,9–3,1 V), 50% (4,9–5,1 V)
Frequency of the supply voltage	50/60Hz
Fixture's diameter	330 mm
Beam angle	90
Sensor type	Microwave
LED type	SMD 2835
LED quantity	640
Number of on/off cycles	50000
Lamp's warm-up time to 60%	1
Ambient temperature suitable for operation	-30÷45
Height	156 mm
Material (housing)	Aluminium
Material (cover)	Polycarbonate

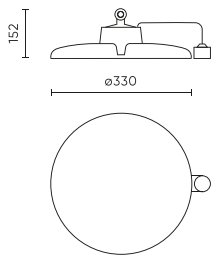
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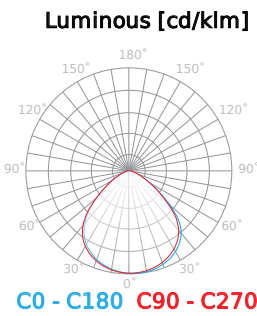
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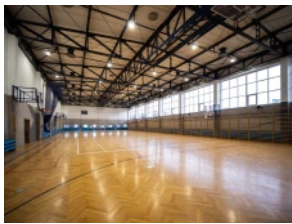
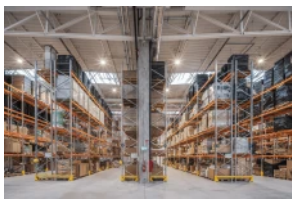
Technical drawing



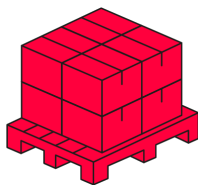
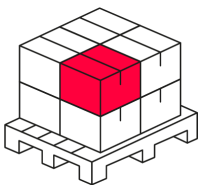
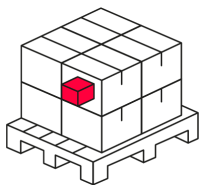
Light distribution



Additional product photos



Logistics data



Single packaging

Quantity	1
Width	380 mm
Height	380 mm
Length	170 mm
Weight	2,4 kg

Bulk packaging

Quantity	1
Width	380 mm
Height	170 mm
Length	380 mm
Volume	0,024 m3
Weight	2,4 kg

Europallet

Quantity	66
Height	1870 mm
Quantity in layer	6
Number of layers	11
Bulk quantity	66
Weight	25 kg

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Example application

