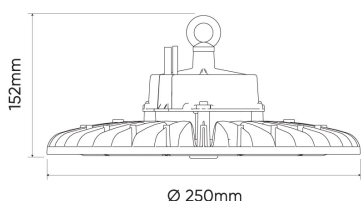


LED line PRIME High Bay PHANTOM 190 100W 4000K 19000lm 1-10V 60°



Quality meets performance

The Phantom luminaire series features Sosen brand power supplies with a 1-10V dimming function as standard. They also work with a wide range of Merrytek sensors (MC054 series) and are therefore able to generate real savings of up to 45% in the energy used to operate the luminaire. This is because such a solution has the effect of automatically adjusting the necessary level of light intensity inside in relation to daylight.

The luminaire operates efficiently in a temperature range of -30 to +45 °C. The IK08 mechanical resistance class makes the product resistant to an impact energy of 5J.

Robust and reliable in all conditions

Phantom LED line PRIME luminaires have been developed for places where the reliability of the product used is crucial. They will therefore prove their worth wherever the adverse effects of external factors require appropriate solutions and the possible replacement of luminaires is associated with high costs.

The aluminium housing of the luminaire has been designed to maximise the heat dissipation of the luminaire, while ensuring low product weight.

Phantom LED line PRIME luminaires, due to their robustness, are recommended for the lighting of sports and industrial facilities, warehouse halls, places with increased exposure to product damage caused by factors such as dust, humidity or conductive dust. In dust- and water-tightness tests, the luminaires achieved a result ranking them in the IP65 resistance class. As a result, they work seamlessly even in harsh environments, both indoors and outdoors.

Each luminaire comes with a metal bracket on which to hang the luminaire in a suitable location. The product comes with a 5-year guarantee.



Voltage range and voltage type

Ambient temperature suitable for operation

Lifespan

LED quantity

Beam angle

LED type

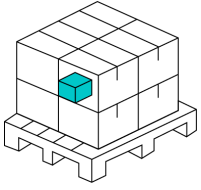
Parameter	Value
Luminous efficacy	190 lm/W
Power	100 W
Energy efficiency class 2019/2015	B

Parameter	Value
Number of on/off cycles	50000
Colour consistency in McAdam ellipses	≤6
Ambient temperature suitable for operation	-30 ÷ 45 °C

Luminous flux	19000 lm
Correlated colour temperature	4000 K
Colour consistency in McAdam ellipses	≤6
Standby power	0
IP protection rating	65
Warranty (years)	5
Dimmable function	No
Survival factor	0.9
Lifetime L70B50	100 000
Supply voltage range and voltage type	100~277V AC
Frequency of the supply voltage	50/60Hz
Colour rendering index Ra	70
The lumen maintenance factor	96
Lamp's diameter	250
Beam angle	60 °
Material (cover)	polycarbonate
Material (housing)	aluminum
LED type	SMD 2835
LED quantity	320
Power Factor	0,95

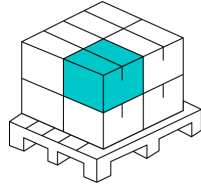
IEC protection class	I
Full box quantity	1 pc
Lamp's warm-up time to 60%	1
Height	152 mm
Product weight with packaging (g)	2100 g
EPREL ID	1774 481
Date of first placement on the market	2023-12-01 06:08:18
Form of the product (EPREL)	Source&Glass
Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Is the product equipped with an integrated light source? (EPREL)	Yes
Non-directional or directional light source (EPREL)	NDLS
Mains or non- mains light source (EPREL)	NMLS
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	-39
Total luminous flux (EPREL)	19 475
On-mode power Pon (EPREL)	95
Useful luminous flux Φuse (EPREL)	19 475
Beam angle in degrees (EPREL)	120

Single packaging



300
160
300
2,1
1

Bulk packaging



Europallet

