

## LED MALL PlugIN 60 D90 4000K /E/

IP54 rated line system luminaires

### Description

LED luminaires with dust and moisture protection for creating continuous light lines serving as a perfect substitution for traditional main systems based on luminescent lamps. Possibility to create long light lines, simple installation and compliance with stringent requirements to quality of light and EN 60598 (EMC, no pulsation) make this product an ideal solution for large and medium scale retail facilities. IP54 allows you to use it in utility rooms and warehouses.

### Installation

Installation on the ceiling surface using brackets or suspensions. The minimum number of suspensions for installation in a line is as follows: 1 suspension/bracket set per 1.5-meter luminaire and 2 suspension/bracket sets per 3-meter luminaire. Luminaires are hooked up using connectors installed in the end sides. Power supply is carried out using the power supply set - Power supply set LED MALL PlugIN.

### Design

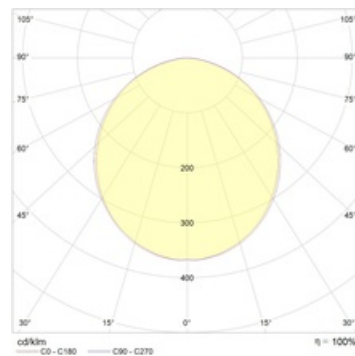
White powder coated extruded aluminum housing. The power supply unit is installed inside the housing.

### Optical part

PMMA opal diffuser or lens. LED type: SMD.

### Package

The ceiling bracket kit for surface mounting, suspension kit and set of power supply should be ordered separately.



## Dimensional characteristics

A	Length	1510 mm
B	Width	65 mm
C	Height	77 mm
D	Length (mounting)	1300 mm
	Weight	3.2 kg

## Technical features

1	Article no.	1997030770
2	Light source	LED
3	Luminous flux	8900 lm
4	Power compatibility	60 W
5	Energy efficiency	148 lm/W
6	Color rendering index (CRI)	>80
7	Color temperature	4000 K
8	Power factor (cosFI)	> 0,98
9	Alternating/direct current (AC/DC)	Yes
10	Dimming	-
11	Rated voltage	230 V
12	Electrical shock protection	I
13	Electromagnetic compatibility (EMC)	Yes
14	Climate application	Clm App2
15	Ambient temperature	-25 to +40 C
16	Housing color	White
17	Fire protection class	-
18	Flickering	<5%
19	Ingress protection (IP)	IP54
20	Mechanical shock protection	IK02/0,2 J
21	Energy efficiency class	A++
22	Inrush current	45 A
23	Inrush current impulse time	100 µs
24	Emergency power supply unit	No
25	Beam angle	D90
26	Warranty	60 months
27	Autonomy in emergency mode	-
28	Light flux in emergency mode	-
29	Color of light	White