

## LED MALL PlugIN 60 D60 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

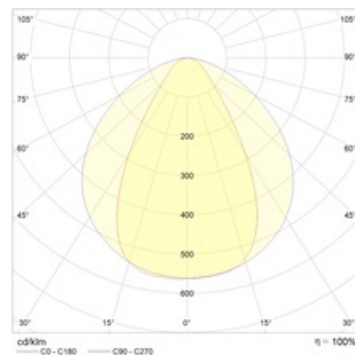
White powder coated extruded aluminum housing. The power supply unit is installed inside the housing.

### 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            | 3.3 kg  |

## Technical features

|    |                                     |              |
|----|-------------------------------------|--------------|
| 1  | Article no.                         | 1997030780   |
| 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                      | -            |
| 23 | Inrush current impulse time         | 0 µs         |
| 24 | Emergency power supply unit         | No           |
| 25 | Beam angle                          | D60          |
| 26 | Warranty                            | 60 months    |
| 27 | Autonomy in emergency mode          | -            |
| 28 | Light flux in emergency mode        | -            |
| 29 | Color of light                      | White        |