



design: R&D

**P2-E**

**Lam32**  
IDEASBECOMINGLIGHT

Mounting structural system to be smoothed and painted, designed for hidden recessed installation on plasterboard or masonry ceilings and walls. Suitable for LED sources to create lines of direct light. Its external body is made of extruded aluminum with high thickness to support the weight of plasterboard panels and structures of the false ceilings. The luminaire is equipped with snap-in opal polycarbonate screen to ensure a perfect uniformity of light distribution. Light sources and power supplies to be ordered separately.

**designplan®**

79 Trenton Avenue  
Frenchtown, NJ 08825

[www.designplan.com](http://www.designplan.com)

Tel: (908) 996-7710  
Fax: (908) 996-7042



# SYMBOLS

## Available configurations



Luminaire available in RGB version (only for versions with a min. of 3 lamps or LED versions).



Luminaire available in CTC version (color temperature control, only for versions with a min. of 3 lamps or LED versions).



Luminaire has possibility to be dimmed.



Luminaire has possibility to be dimmed 0/10.



Luminaire has possibility to be dimmed DALI.



Luminaire has possibility to be dimmed PWM.



Luminaire available with induction sound diffusion system.



Luminaire available with internal Wi-Fi Router for the diffusion of any kind of wireless signal in the surrounding space.



Emergency Kit



Luminaire customizable (with feasibility to be checked).  
Changes on request:  
-RAL finish  
-size  
-communication technology (integrated DALI, WIFI or AUDIO)



Luminaire available, on request, in RGB version (only for LED versions or with a minimum of 3 lamps).



Luminaire available, on request, in CTC version (color temperature control, only for versions with a min. of 3 lamps or LED versions).



Luminaire available, on request, in dimmable version.



Luminaire available, on request, with microprismatic screen for high visual comfort.



Water Stop protection

## IP Protection degree code

### 1st DIGIT – Protection against solid bodies

- IP1... Protection against solid bodies  $\geq 1.97''$
- IP2... Protection against solid bodies  $\geq 0.47''$
- IP3... Protection against solid bodies  $\geq 0.10''$
- IP4... Protection against solid bodies  $\geq 0.04''$
- IP5... Protection against dust
- IP6... Total protection against dust

### 2nd DIGIT – Protection against water

- IP...1 Protection against vertically falling drops
- IP...2 Protection against vertically falling drops with a tilt angle up to  $15^\circ$
- IP...3 Protection against sprays of water up to  $60^\circ$  from vertical
- IP...4 Protection against water spray from all directions
- IP...5 Protection against water jets
- IP...6 Protection against powerful water jets
- IP...7 Protection against temporary immersion up to 30' under 3.28' of water
- IP...8 Protection against continuous immersion under 3.28' of water

## Power supply type



## Certificates and requirements



The luminaire can be installed on normally flammable surfaces.



ISO 9001



Macadam Ellipse.



Static load resistance.



Length of supplied power cable.



Cable Output  
L= Side  
P= Rear  
T= Head



Protection against sudden changes in voltage.



Reverse polarity protection.



Luminaire rotation on vertical axis.



Luminaire inclination on horizontal axis.



Type of light emission.

## Shock resistance



|      |               |      |        |      |         |
|------|---------------|------|--------|------|---------|
| IK00 | No protection | IK03 | 0.35 J | IK07 | 2.00 J  |
| IK01 | 0.15 J        | IK04 | 0.50 J | IK08 | 5.00 J  |
| IK02 | 0.20 J        | IK05 | 0.70 J | IK09 | 10.00 J |
|      |               | IK06 | 1.00 J | IK10 | 20.00 J |

## General Conditions

Wattage and lumens indicated in this catalogue are referred to the LED sources.