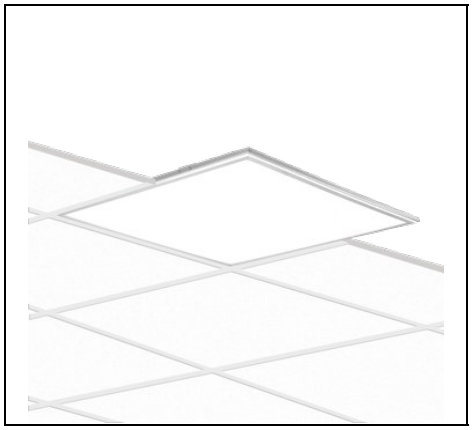
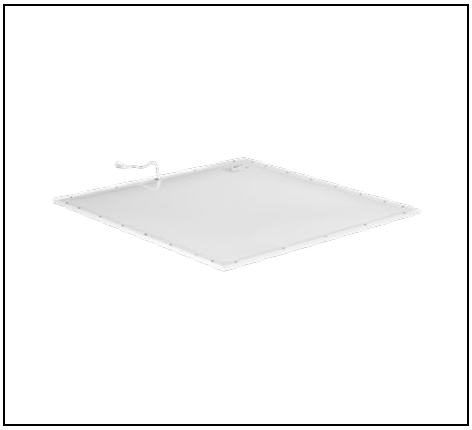
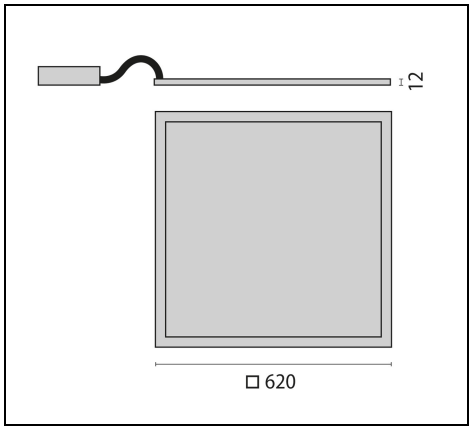
# PLATO 625 OP

## Part number 3118504








IP 20 | IP 20 / IP 43 | CLASS I | CRI 90 | DALI | TOUCH

### Description

Inlayed, square LED luminaire for indoors, comprising:
- Extruded aluminium housing profile, powder-coated

The luminaire is available with different light engines:
- Opal PMMA diffuser for optimal light distribution and uniformity
- Micro-prismatic diffuser for efficient light distribution, glare reduction and high uniformity (MP)
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Four power levels can be set via a switch
- MULTIPOWER version in lowest power rating: Glare-free light for office applications in accordance with DIN EN 12464-1 (UGR<19 and <3000cd/m$^2$ >65°)
- In the tunable white version, the illuminance level and light colour can be manually adjusted from 2700K to 6500K (DALI DT8)
- Suitable grid, modular plasterboard and coffered ceilings
- Built-in driver
- Protection class IP43 (for light emission surface for installation in closed ceilings)
- Separate accessory allows the lights to be used as a suspended, surface mounted or recessed luminaires

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Tel. +39 045 61 59 211

**info.it@pil.lighting**
www.performanceinlighting.com

## Product data

| | | | |
|---|---|---|---|
| **ETIM Group:** | EG000027 | **ETIM Class:** | EC002892 |

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 2320/4000/4760/5530 | **Luminaire lumen output [lm]:** | 2470/3050/3610/4150 |
| **Luminaire wattage [W]:** | 23/29/36/42 W | **Luminous efficacy [lm/W]:** | 107 |
| **CRI:** | 90 | **Colour temperature [K]:** | 3000 |
| **Colour / Finishing:** | WH-RAL9016 / White RAL9016 / Textured | **IP degree of protection:** | IP20 |
| **IP above/below ceiling:** | IP20/IP43 | **Impact resistance / impact energy:** | IK06 1J xx3 |
| **Protection class:** | I | **Optic:** | S/A - Symmetric direct |
| **Beam angle:** | 2 x 57°/57° | **Net weight [kg]:** | 4.22 |
| **Overall length [mm]:** | 620 | **Overall width [mm]:** | 620 |
| **Overall height [mm]:** | 9 | | |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Square ≥ 300 mm | **Housing material:** | Aluminium |
| **Diffuser material:** | Opal plastic | **Glow wire test [°C]:** | 650 °C |

## Electrical features

| | | | |
|---|---|---|---|
| **Voltage type:** | AC/DC | **Input voltage [V AC]:** | 220/240 |
| **Input frequency [Hz]:** | 220-240V 0/50/60Hz | **Power factor / COS Φ:** | 0.9 |
| **Inrush current [A/µs]:** | 26 / 264 | **C10 1.5 mm²:** | 16 |
| **C16 2.5 mm²:** | 26 | **B10 1.5 mm²:** | 10 |
| **B16 2.5 mm²:** | 16 | | |

## Installation

| | | | |
|---|---|---|---|
| **Application area:** | Indoor lighting | **Mounting type:** | Ceiling recessed |
| **Min. ambient temperature [°C]:** | 10 | **Max. ambient temperature [°C]:** | 40 |

## Light features

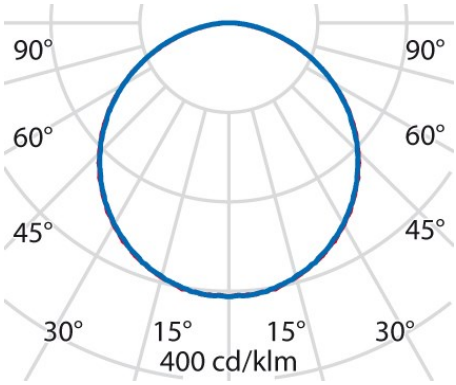
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|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L80B10@50000h |
| **Distribution of light emission:** | Direct | **DFF - Downward Flux Fraction [%]:** | 100 |
| **UFF - Upward Flux Fraction [%]:** | 0 | **UGR max.:** | 17.0 |

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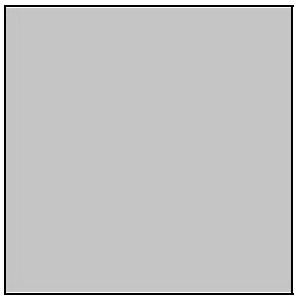
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## Photometric data




## Optional accessories

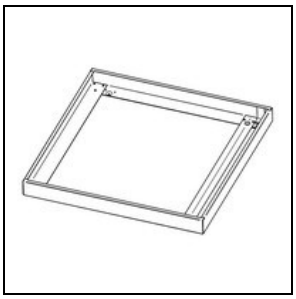
PLATO 625



**3118552**

Ceiling kit

☐ WH-RAL9016 / White RAL9016



**86256010**

Mounting frame

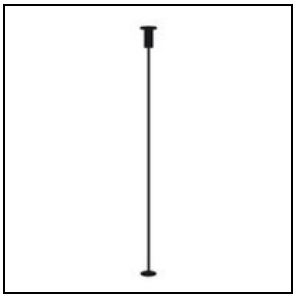
☐ WH-RAL9016 / White RAL9016



**890000410**

Ceiling rose

☐ WH-RAL9016 / White RAL9016



**86252015**

Y-wire suspension (1,5 m)



**8103031800**

Mains supply (3-pole)



**8105031800**

Mains supply (5-pole)

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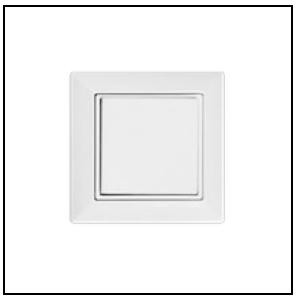
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**3122585**

External Casambi module

■ BK-81 / Black



**3122586**

Single wireless wall switch

☐ WH-87 / White



**3122587**

Double wireless wall switch

☐ WH-87 / White

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