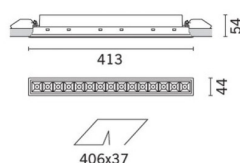


Last information update: May 2024

Product configuration: P186

P186: 15 cell Recessed luminaire - Tunable White - Flood optic

**Product code**P186: 15 cell Recessed luminaire - Tunable White - Flood optic **Attention! Code no longer in production****Technical description**

Rectangular 15 optic element recessed miniaturised luminaire. LED lamps with different colour temperatures that allow them to be modulated. This variation is achieved by mixing the emission of 8 x 2700K high CRI LEDs and 7 x 5700K high CRI LEDs. Despite the disparity of the lamps when the two end channels are used - 2700K and 5700K - the intensity of the flux emitted is the same. The colour temperature also remains uniform and constant even when different size products are used together. Main body with die-cast aluminium radiant surface, version with perimeter surface frame. Metallised thermoplastic high definition optics - flood beam - set back from the black anti-glare screen. The structure of the optical system prevents a pinpoint effect, allowing precise, circular light distribution and emission with controlled glare. Supplied with an integrated (basic) power system that allows the colour temperature to be varied, without using any extra components, but simply by pressing the buttons (max 4 products). Using the 6170 code you can obtain a simple and intuitive DALI programmable solution with touch-screen. There are also other control systems available with different codes for large systems that require specialised technicians for their programming: the MH97 + MH93 + MI02 group can be used for a DALI / KNX programmable solution - the MH97 + MH93 + M618 group can be used to extend the control of the system to remote supports such as tablets and smart phones.

Installation

recessed with steel wire springs for false ceilings from 1 to 25 mm thick - preparation hole 37 x 406

Colour

White (01) | Black / Black (43) | Black / White (47) | Grey / Black (74)*

Weight (Kg)

1.06

* Colours on request

Mounting

wall recessed/ceiling recessed

Wiring

Power units included. Various management solutions are available with a separate code. For technical data, properties and connection modes see the instruction sheet.

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|---------------|--|--|
| Im system: | 2035.15 | MacAdam Step: | 0 |
| W system: | 30.8 | Life Time LED 1: | 50,000h - L90 - B10 (Ta 25C) |
| Im source: | 2550 | Lamp code: | LED |
| W source: | 27 | Number of lamps for optical assembly: | 1 |
| Luminous efficiency (Im/W, real value): | 66.08 | ZVEI Code: | LED |
| Im in emergency mode: | - | Number of optical assemblies: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0.0 | Wavelength [nm]: | 0 |
| Light Output Ratio (L.O.R.) [%]: | 80 | Power factor: | See installation instructions |
| Beam angle [°]: | 30° | Inrush current: | 10 A / 200 µs |
| CRI: | 0 | Maximum number of luminaires of this type per miniature circuit breaker: | B10A: 18 luminaires B16A: 30 luminaires C10A: 31 luminaires C16A: 51 luminaires |
| Colour temperature [K]: | Tunable white | Overvoltage protection: | 0kV Common mode & 0kV Differential mode |