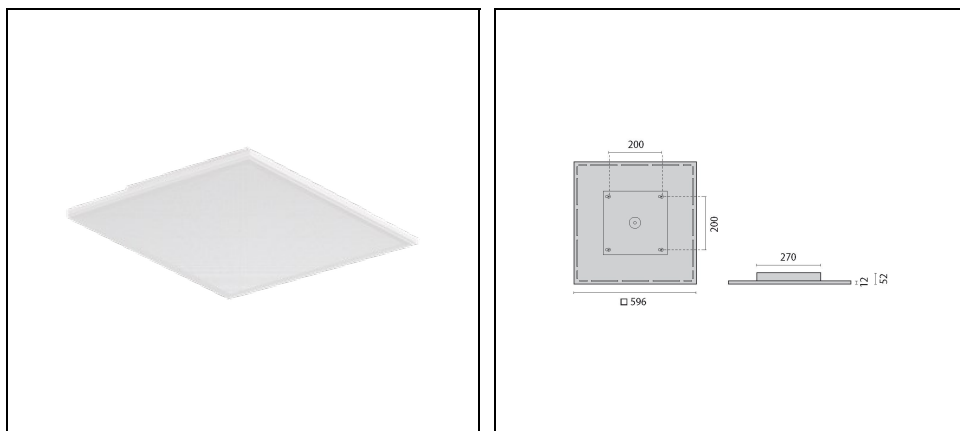


# FL SQUARE 600 SM MP

Part number 8600661403400



## Description

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Surface-mounted quadratic LED luminaire for indoors, comprising of:

- Extruded aluminium housing profile, powder-coated
- Predominantly direct light distribution
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Colour tolerance according to MacAdam  $\leq 3$  SDCM
- Built-in driver
- VDU application suitable acc. to EN 12464-1

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website [www.performanceinlighting.com](http://www.performanceinlighting.com). Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25°C. Terms of warranty are available at <https://www.performanceinlighting.com/qr/company/led-warranty>

## Product data

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

## General information

|                                    |  |                              |             |
|------------------------------------|--|------------------------------|-------------|
| Lampholder:                        | LED                                      | Light source:                | LED         |
| Lightsource lumen output [lm]:     | 5950                                     | Luminaire lumen output [lm]: | 4950        |
| Luminaire wattage [W]:             | 40 W                                     | Luminous efficacy [lm/W]:    | 124         |
| CRI:                               | 80                                       | Colour temperature [K]:      | 4000        |
| Colour / Finishing:                | WH-RAL9016 / White<br>RAL9016 / Textured | IP degree of protection:     | IP20        |
| Impact resistance / impact energy: | IK05 0.7J xx3                            | Protection class:            | I           |
| Optic:                             | S/B - Symmetric mainly direct            | Beam angle:                  | 2 x 40°/41° |
| Net weight [kg]:                   | 5.7                                      | Overall length [mm]:         | 596         |
| Overall width [mm]:                | 596                                      | Overall height [mm]:         | 52          |

## Mechanical features

|                    |                      |                      |           |
|--------------------|----------------------|----------------------|-----------|
| Shape:             | Square $\geq$ 300 mm | Housing material:    | Aluminium |
| Diffuser material: | Plastic              | Glow wire test [°C]: | 650 °C    |

## Electrical features

|                           |                  |                              |          |
|---------------------------|------------------|------------------------------|----------|
| Voltage type:             | AC               | Input voltage [V AC]:        | 220/240  |
| Input frequency [Hz]:     | 220-240V 50/60Hz | Power factor / COS $\Phi$ :  | 0.9      |
| Input voltage [V DC]:     | 176/280          | Inrush current [A/ $\mu$ s]: | 19 / 250 |
| C10 1.5 mm <sup>2</sup> : | 21               | C16 2.5 mm <sup>2</sup> :    | 35       |
| B10 1.5 mm <sup>2</sup> : | 13               | B16 2.5 mm <sup>2</sup> :    | 21       |
| EEL:                      | A2               |                              |          |

## Installation

|                                |                 |                                |                          |
|--------------------------------|-----------------|--------------------------------|--------------------------|
| Application area:              | Indoor lighting | Mounting type:                 | Wall and ceiling surface |
| Min. ambient temperature [°C]: | 10              | Max. ambient temperature [°C]: | 40                       |

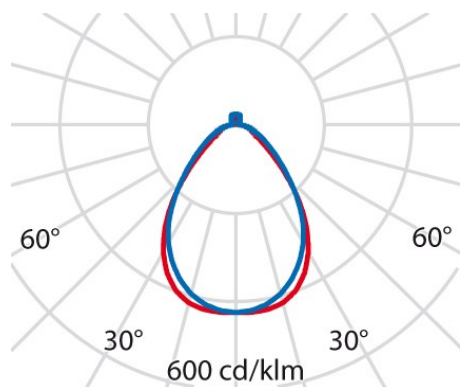
## Light features

|                                 |                 |                                   |               |
|---------------------------------|-----------------|-----------------------------------|---------------|
| MacAdam:                        | 3               | Lumen maintenance:                | L80B10@50000h |
| Distribution of light emission: | Direct/Indirect | DFF - Downward Flux Fraction [%]: | 94            |
| UFF - Upward Flux Fraction [%]: | 6               | UGR max.:                         | 16.0          |

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## Photometric data

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