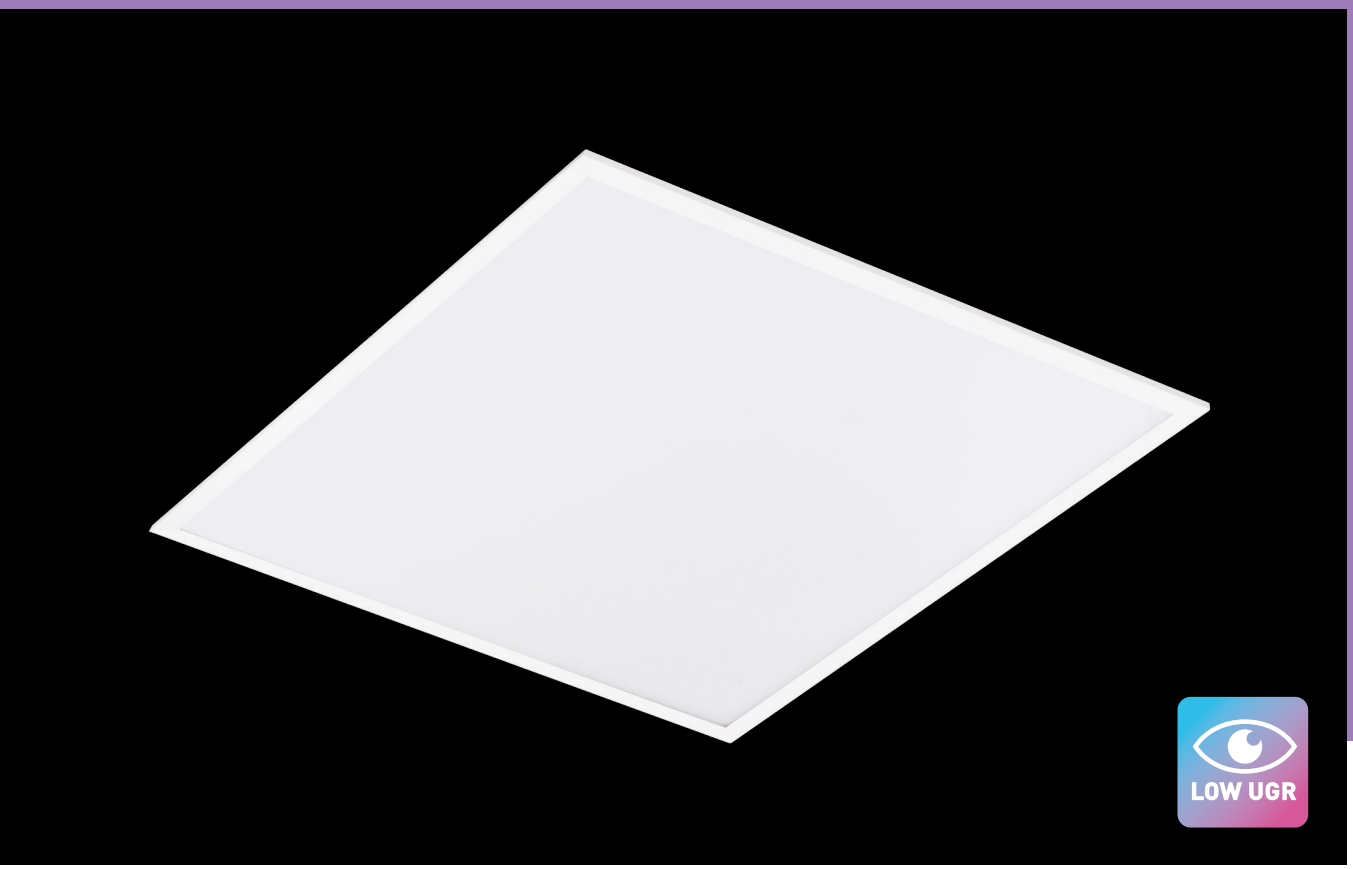
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# SIRIS




## ... interior luminaire with low UGR, MultiLumen, MultiColour.

### USE

Elegant design and functionality – Luminaires are available in sizes 595x595mm and 295x1195mm, which allow perfect fitting into the standard suspended ceiling systems or the possibility of simple installation directly on the ceiling. For an even more stylish look, you can order a metal white frame, which will give the luminaire a sophisticated and elegant look.

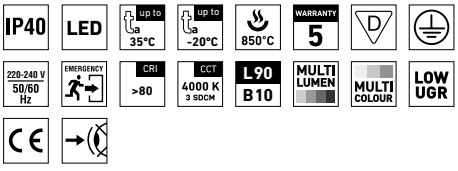
It is the luminaire with multi-layer micropyramid optics (MPR) for light distribution without glare according to EN 12464-1 with **UGR ‹19**.

SIRIS LED panels are the ideal solution for modern lighting in offices, commercial spaces, educational facilities and healthcare centers and other architectural needs.

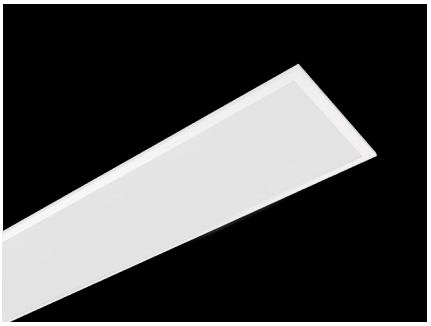
Thanks to high luminous efficiency and low energy consumption, it is a suitable replacement for fluorescent tubes.

### ADVANTAGES

- Light fitting protection **IP40**
- Maximum ambient temperature up to **ta = 35 °C**
- Diffuser: multi-layer micropyramid optics (MPR), **UGR ‹19**
- Lifetime: 50 000 hours / L90B10
  100 000 hours / L80B10
- Standard preset CRI > 80: 4000 K
- It can be delivered in dimmable or emergency version
- **MultiLumen (ML)** function enables simple switching between four luminous fluxes via driver's DIP switch.
  **MultiColour (MC)** function enables simple switching between three light colour temperature
  **MultiLumen and MultiColour (MLC):** Both function available in the luminaire.

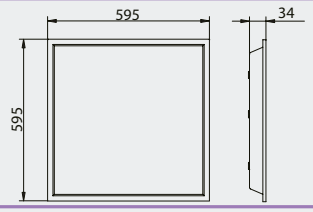


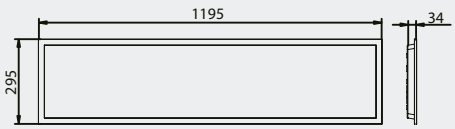
# SIRIS

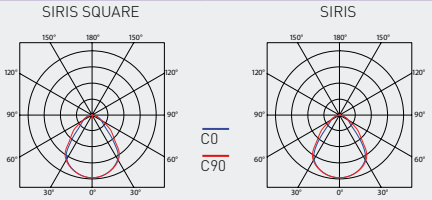


## TECHNICAL DESCRIPTION

- Light fitting protection: **IP40**
- Maximum ambient temperature: **ta = 35 °C**
- Maximum ambient temperature: ta = 0-35 °C for version with emergency back-up M3hAt
- Lifetime: 50 000 hours / L90B10
  100 000 hours / L80B10
- Maximum light fitting efficiency: **153 lm/W**
- **CRI** > **80: 4000 K** – standard preset
- MacAdam = 3 SDCM
- Diffuser: multi-layer micropyramid optics (MPR), **UGR <19**
- Body: steel sheet + PET foil
- **MultiLumen (ML):** Luminous flux variable in 4 steps. Preselected Step 1 as a standard.
  **MultiColour (MC):** Colour temperature variable in 3 steps: 3000, 4000 or 5000 K. Preselected 4000 K as a standard.
  **MultiLumen and MultiColour (MLC):** Both function available in the luminaire. Preselected Step 1 and 4000 K as a standard.
- Electric equipment: LED modules, non-dimmable driver with power switching or digital dimmable driver DALI
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %




| Type | Max. ambient temperature [°C] | Luminous flux of LED modules [lm] | Preselected Step 1 of MultiLumen function | | | | Net weight [kg] |
|---|---|---|---|---|---|---|---|
| | | | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] | UGR Longitudinal/ transverse | |
| All values are measured with the preselected colour temperature 4000 K as a standard. | | | | | | | |
| SIRIS SQUARE 4500/840 MLC | 35 | 4490 | 3860 | 25,6 | 151 | 18.3 / 18.7 | 1,7 |
| SIRIS 4500/840 MLC | 35 | 4490 | 3860 | 25,6 | 151 | 18.0 / 18.6 | 1,7 |

| Type | MultiLumen function | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Step 2 | | | Step 3 | | | Step 4 | | |
| | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] | Luminous flux of light fitting [lm] | Power consumption [W] | System efficacy [lm/W] |
| SIRIS SQUARE 4500/840 MLC | 3640 | 23,8 | 153 | 3320 | 21,7 | 153 | 3050 | 20,0 | 153 |
| SIRIS 4500/840 MLC | 3640 | 23,8 | 153 | 3320 | 21,7 | 153 | 3050 | 20,0 | 153 |

## SIRIS MLC

Non-dimmable driver with power switching

| Code | Type | M3hAt |
|---|---|---|
| 110121 | SIRIS SQUARE 4500/840 MLC | x |
| 110122 | SIRIS 4500/840 MLC | x |

## SIRIS DALI MC

Digital dimmable driver DALI

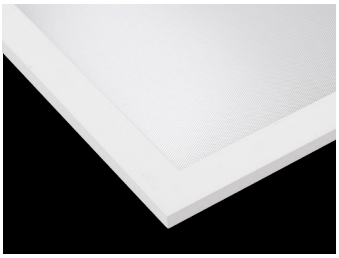
| Code | Type | M3hAt |
|---|---|---|
| 110123 | SIRIS SQUARE 4500/840 DALI MC | 110125 |
| 110124 | SIRIS 4500/840 DALI MC | 110126 |

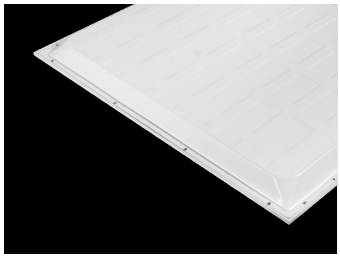
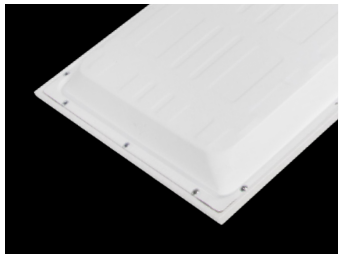
## LEGEND

**DALI** - a version featuring a digitally dimmable driver
**M3hAt** - emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotesting

## LIGHT FITTING DETAILED VIEW

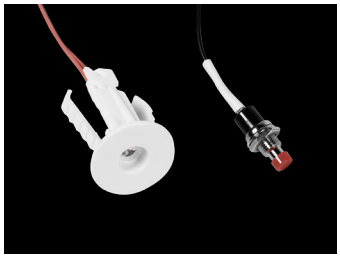
SIRIS



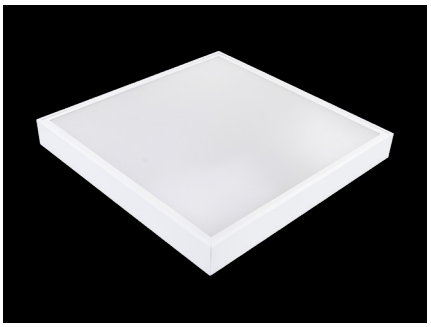
EMERGENCY MODULE (M3hAt)





## Frame SIRIS SQUARE





| Code | Description | Weight [kg] |
|---|---|---|
| 110127 | Frame SIRIS SQUARE (598x598x70 mm) | 0,8 |

## Frame SIRIS





| Code | Description | Weight [kg] |
|---|---|---|
| 110128 | Frame SIRIS (298x1198x70 mm) | 1,0 |

