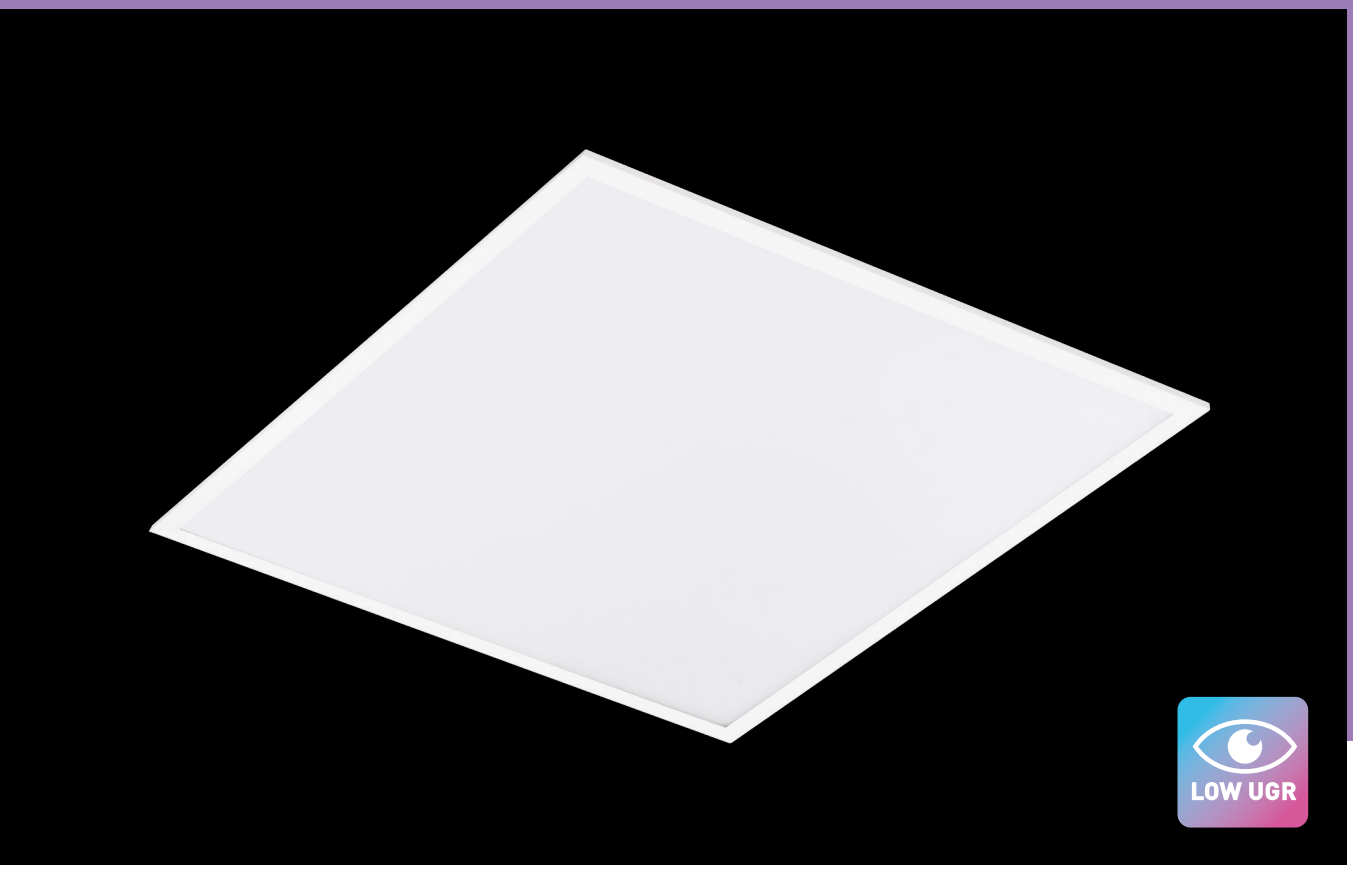
ЮНИА-Т ЕООД
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2050 Ихтиман, България, тел. +359 886090968

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.

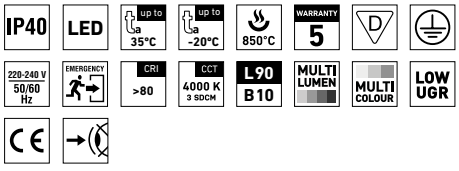
It is the luminaire with multi-layer micropyramid optics (MPR) for light distribution without glare according to EN 12464-1 with **UGR ‹19**.

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

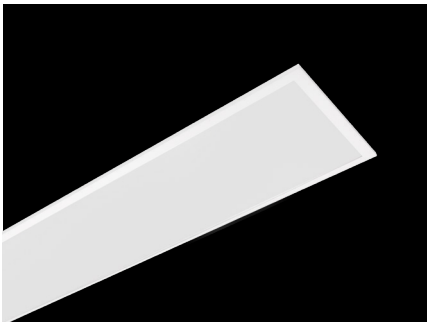
Thanks to high luminous efficiency and low energy consumption, it is a suitable replacement for fluorescent tubes.

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.

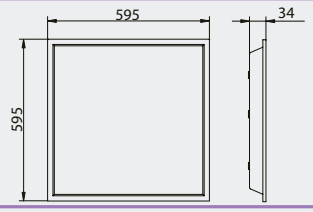


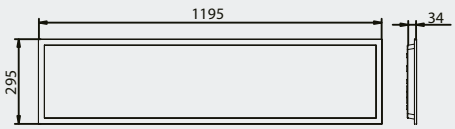
SIRIS

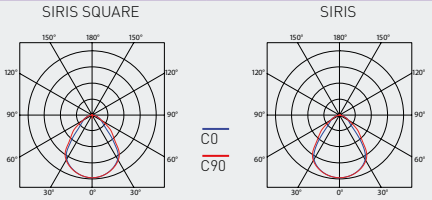


TECHNICAL DESCRIPTION

- 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

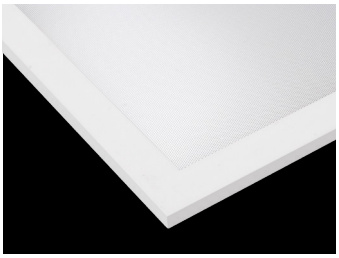
Code	Type	M3hAt
110123	SIRIS SQUARE 4500/840 DALI MC	110125
110124	SIRIS 4500/840 DALI MC	110126

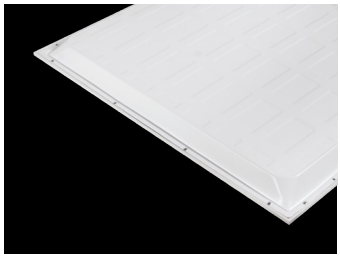
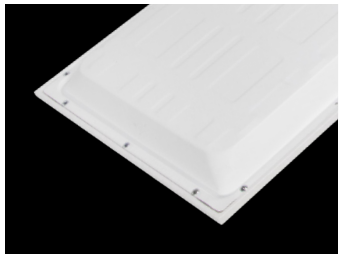
LEGEND

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

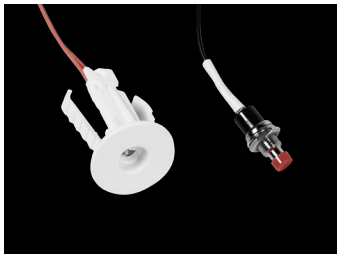
SIRIS



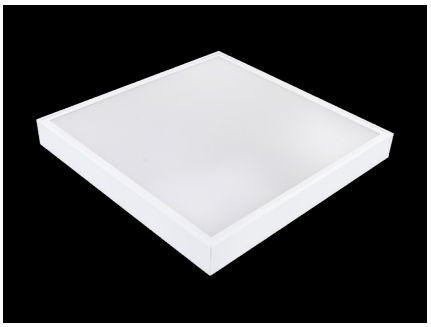
EMERGENCY MODULE (M3hAt)





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

