

# LED FlatPanel

ULTRA FLAT LIGHT PANEL



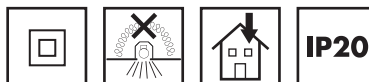
## LED FlatPanel

### LED Recessed Mounted FlatPanels

The use of state-of-the-art LED technology in conventional office and hall illumination provides a lot of advantages like an optimal light distribution and an increased lifetime all at an affordable price. LED FlatPanels are fully compatible with existing conventional lighting infrastructure, and are the perfect choice for both new and replacement markets.

#### ■ FlatPanel

- Incl. external connected LED driver
- High efficiency of up to 100 lm/W
- Flat design for easy installation in low false ceiling
- High colour rendering index CRI:  $\geq 80$



■ **LONG SERVICE LIFE TIME: 50,000 h**

■ **100% INSTANT LIGHT**

■ **WITH SEPARATE DRIVER**

■ **STANDARD AND UGR19 VERSION**

■ **5 YEARS GUARANTEE**

## LED FlatPanel

### Built-in LED light panel

Dimensions:

595x595x10.5 mm or 620x620x10.5 mm

Flange colour: white (RAL 9003)

Allowed operating temperature: 0 to 40 °C

Allowed storage temperature: -30 to 60 °C

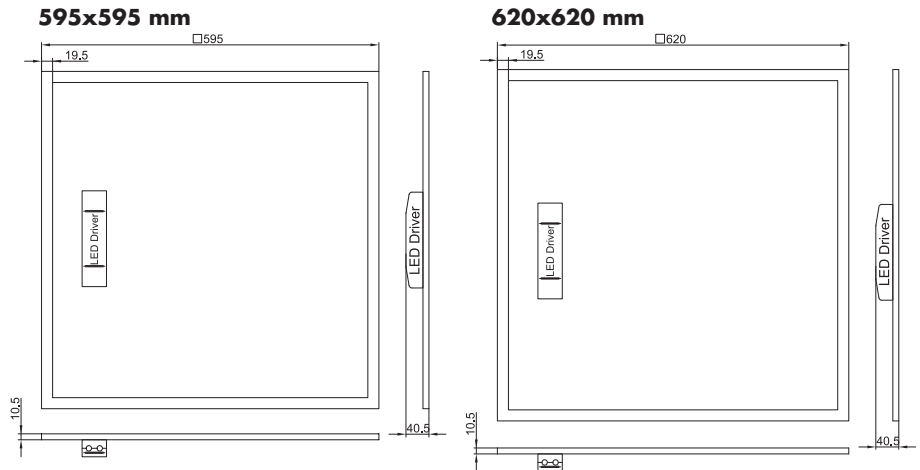
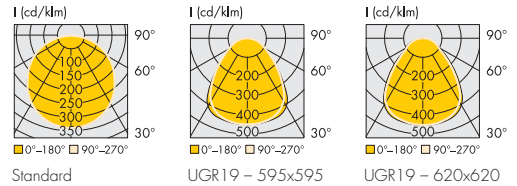
Colour accuracy initially: 5 SDCM

With external LED driver, already connected to the LED FlatPanel

For mains voltage: 220-240 V, 50-60 Hz

Power factor: > 0.9

Minimum order quantity: 24 pcs.



### Standard version

Type	Ref. No.	Colour	Correlated colour temperature K	Power consumption* W	Typ. luminous flux* and efficiency		Beam angle °	Typ. CRI R <sub>a</sub>
					lm	lm/W		
<b>595x595 mm</b>								
FP-6060-30-830-3000-120	<b>565551</b>	warm white	3000	30	3000	100	120	80
FP-6060-30-840-3000-120	<b>565552</b>	neutral white	4000	30	3000	100	120	80
<b>620x620 mm</b>								
FP-6262-30-830-3000-120	<b>565553</b>	warm white	3000	30	3000	100	120	80
FP-6262-30-840-3000-120	<b>565554</b>	neutral white	4000	30	3000	100	120	80

\* Production tolerance of luminous flux and power consumption: ±10% | Values without driver

### UGR19 version

Low glare, especially suitable for office illumination

Type	Ref. No.	Colour	Correlated colour temperature K	Power consumption* W	Typ. luminous flux* and efficiency		Beam angle °	Typ. CRI R <sub>a</sub>
					lm	lm/W		
<b>595x595 mm</b>								
FP-6060-33-830-3300-90-U	<b>565555</b>	warm white	3000	33	3300	100	90	80
FP-6060-33-840-3300-90-U	<b>565556</b>	neutral white	4000	33	3300	100	90	80
<b>620x620 mm</b>								
FP-6262-33-830-3300-90-U	<b>565557</b>	warm white	3000	33	3300	100	90	80
FP-6262-33-840-3300-90-U	<b>565558</b>	neutral white	4000	33	3300	100	90	80

\* Production tolerance of luminous flux and power consumption: ±10% | Values without driver

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

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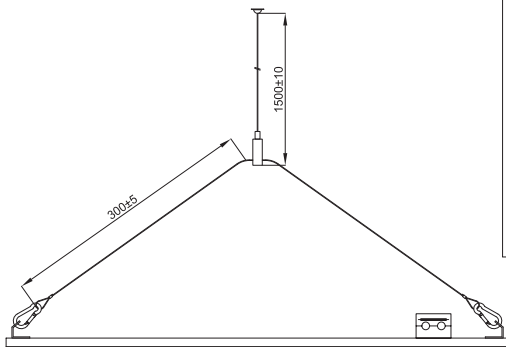
### Assembly kit for suspension version

Consisting of

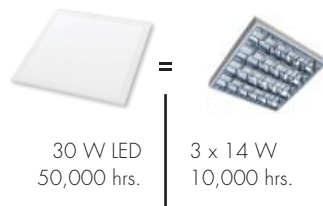
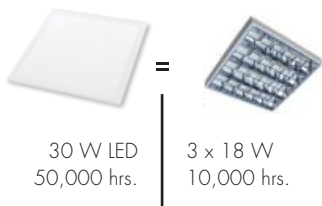
- 4 fixation brackets, incl. screws
- 6 screws M3, incl. pegs
- 4 steel cables with snap hooks
- 2 steel cables for suspension with adjustment element

Minimum order quantity: 1 pcs.

**Ref. No.: 565559**



## Comparison with conventional illumination



## LED FlatPanel – Installation Instruction

### General safety information

- VS product may only be installed and commissioned by authorised and fully qualified staff.
- These instructions must be carefully read before installing and commissioning the system, as this is the only way to ensure safe and correct handling.
- Before any work is carried out on the equipment, it must be disconnected from the mains.
- All valid safety and accident-prevention regulations must be observed.
- The products should never be inexpertly opened as this poses lethal danger due to electrical shock. Repairs may only be undertaken by the manufacturer.
- The photo biological safety of the LED modules is classified into risk groups in accordance with EN 62471: 2008 and IEC TR 62778: risk group 1.
- In case of broken glass please switch-off mains (220–240 V) and have a qualified staff replace the complete luminaire.
- Do not use LED FlatPanel in locations containing a bath or shower; LED FlatPanel is IP20 protected.

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