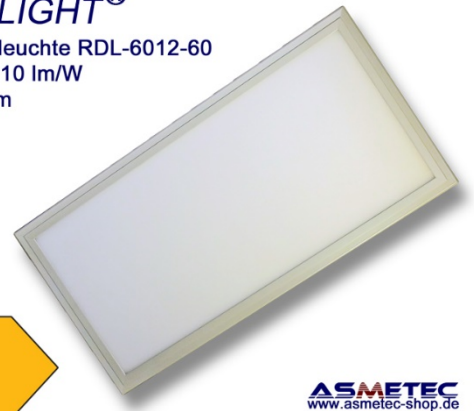


## METOLIGHT® LED-Panellight RDL 6012-60W

The METOLIGHT® LED panel light RDL 6012-60 is an ultra-flat, lightweight LED flat panel light for installation in grid ceilings or polöaster board, with optional mounting clips. With an installation depth of just 12 mm, it can also be used as a flat wall lamp or as a photo light background. Optional brackets allow suspended mounting or ceiling / wall surface mounting. The panel luminaire has a UGR value of <22, which is ideal for offices, commercial lighting, libraries, schools, etc. according to the EN 12464: 2011 standard.

### METOLIGHT®

LED-Panelleuchte RDL-6012-60  
60 Watt - 110 lm/W  
60 x 120 cm



**ASMETEC**  
[www.asmetec-shop.de](http://www.asmetec-shop.de)

The built-in LEDs on an aluminum core circuit board are mounted on the side of the aluminum frame, a laser-cut diffuser with thousands of tiny lenses distributes the light evenly and without shadows on the opal luminaire surface. The sturdy aluminum frame is matt white as standard, but can be manufactured in many RAL colors on request, taking minimum delivery quantities into account. It also serves as a heat sink for the LEDs. Even in continuous operation, the luminaire does not get warmer than approx. 35 ° C. The panel luminaire corresponds to LM 78 and LM 79 with an efficiency of 120 lm / W



With a luminous flux of 6000 lm, this flat LED luminaire easily replaces incandescent lamps with 500 Watt.

The closed luminaire is also easy to clean, the external, plug-in power supply unit is easy to replace. Dimmable versions (PMW or 0-10 Volt, DALI) are also available.

We offer this luminaire in 4 light colours at CRI Ra > 80:

Warm white	2800 - 3300K
Nature white	3800 - 4200K
Pure white	4800 - 5300K
Cold white	5800 - 6500K

### Advantages at a glance

- High color rendering accuracy with CRI Ra > 80
- 70% savings in electricity costs compared to fluorescent tubes
- Average LED life up to 40,000 operating hours (70% at Tp 25 ° C)
- Immediately full Luminosity without flickering or preheating
- Very low heat generation - no risk of burns
- No UV radiation below 400 nm, no infrared rays
- Flicker-free, hum-free, workplace-friendly light
- Easy to clean
- CE and RoHS compliant
- corresponds to energy class E
- 3-year warranty

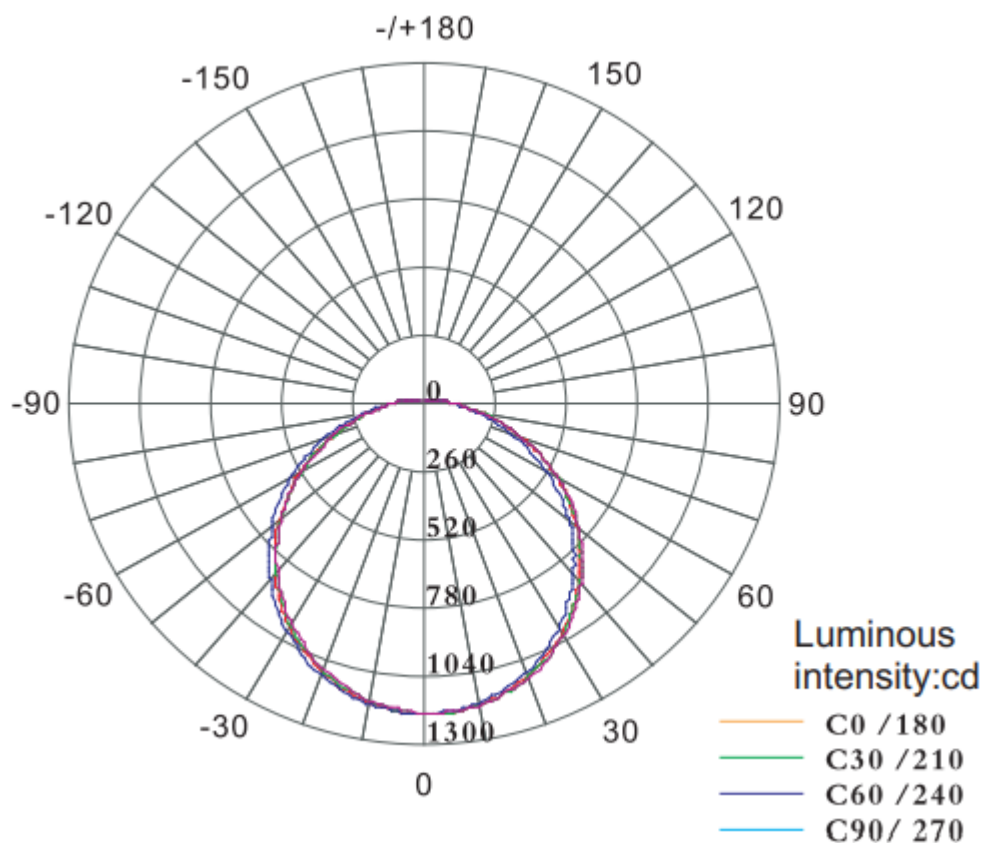


### Note:

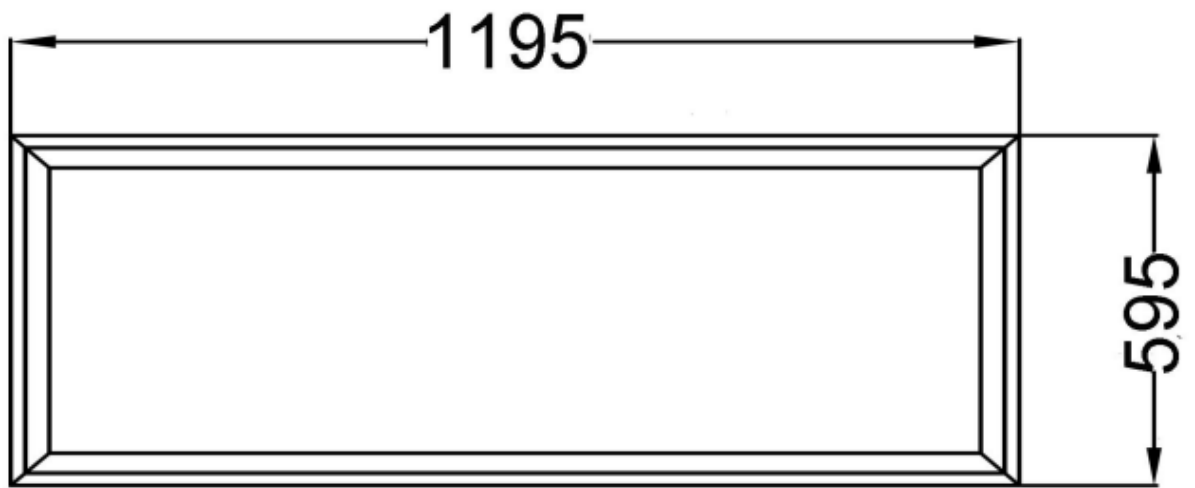
This luminaire is also available as version RGB. With an optional RGB-controller you can adjust the light colors red, blue, green and any color mixture in between,

# Technical Data

Voltage	110 – 240 V AC (ext. driver)	Warm white	2800-3500K – ca. 6000 lm
LED Voltage	40-45 V DC – 1,35 A	Nature white	3800-4500K – ca. 6300 lm
Power	60 W incl. driver	Pure white	4800-5500K – ca. 6400 lm
Power factor	> 0.90	Cold white	5800-6500K – ca. 6600 lm
Dimmable	Optionally, depending on driver	CRI Ra	> 80
Environment	-15°C - + 40°C	Intensity	ca. 425 lux – 2,5 m
Storage	-15°C - + 50°C	Nature white	ca. 255 lux – 3,0 m
Sizes	595 x 1195 x 12 mm	Beam angle	ca. 120°
Weight	6,3 kg	Protection class	IP52, IK04
Standards	CE, ENEC, RoHS	Front	Mikroprismatic lens, PMMA

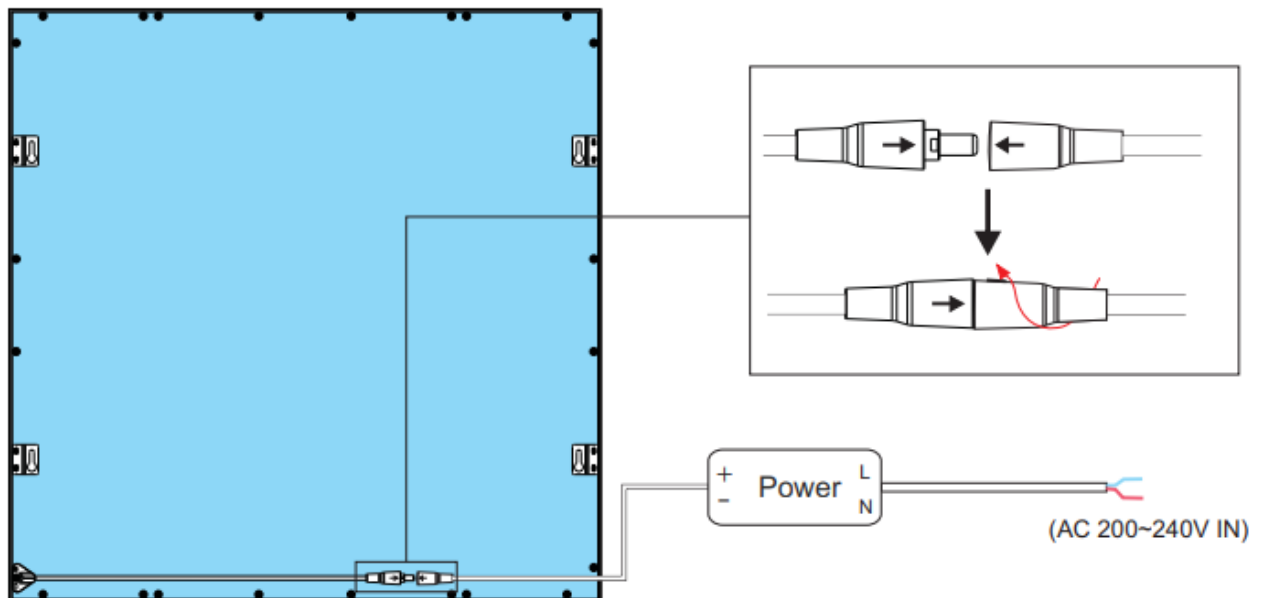


**Sizes:**



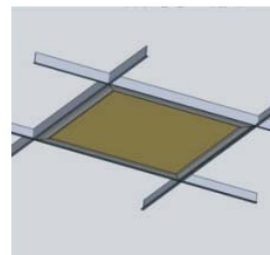
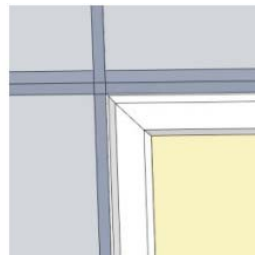
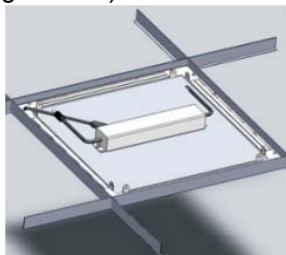
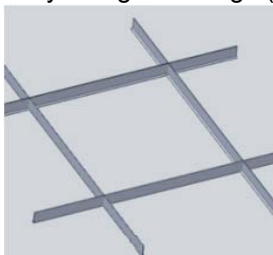
**Electrical connection:**

Only use special driver supplied with the luminaire.

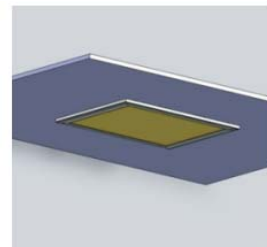
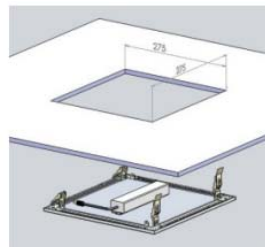
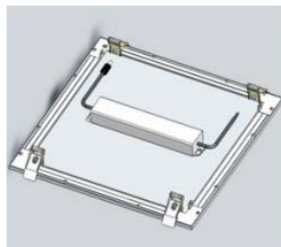
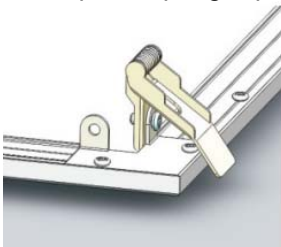


## Mounting possibilities:

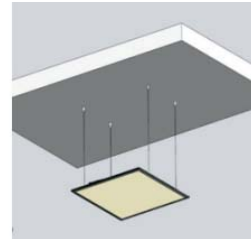
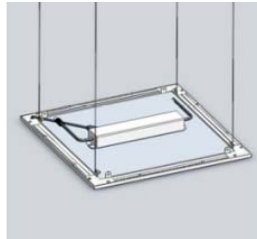
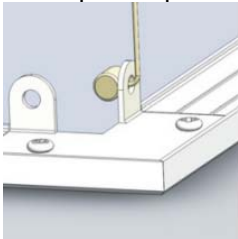
Inlay into grid ceilings (check grid size!)



With optional spring clips:



With optional pendant ropes:



With optional frame



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**LED-RDL-6012-60-DB-E.DOCX, VERSION OKT-21**