LEDISON

Backlit LED Panel Series

(Some product details and hi res pictures)



Wattage & Length

- 600x600mm – 30W
- 620x620mm – 30W
- 300x1200mm – 30W
- 600x1200mm – 50W

System Efficiency

- 105lm/w, 120lm/w, 125lm/w, 130lm/w, 140lm/w

Beam Angle Options

- Opal diffuser: 120°
- Opal Diffuser + prismatic foil 90-95°

Special features

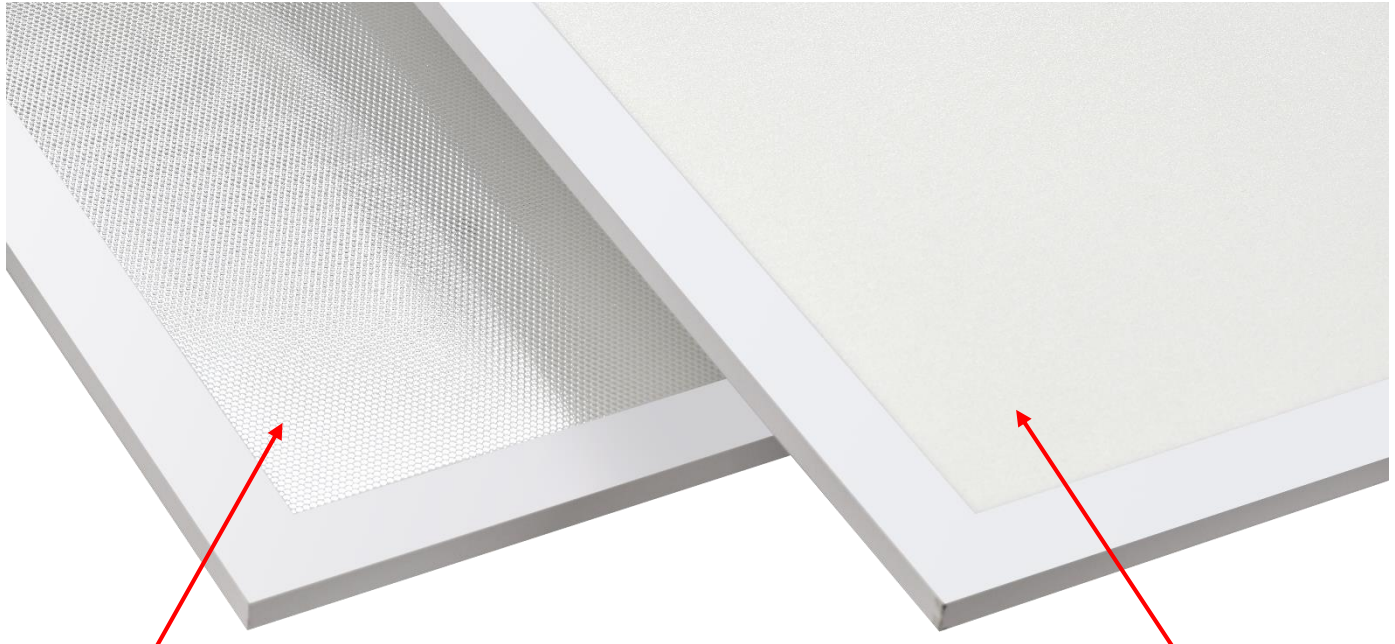
- Tp(a) fire-resistant diffuser
- 180° degree lens on PCB for uniform light distribution
- Ultra flat design, - just 32mm overall height
- PCB secured by plastic clips (3 per PCB)
- Ingress protection: IP44
- Secure cable strain relieve

LED Chips

- 48pcs SMD2835 9V 1W

Optional Accessories

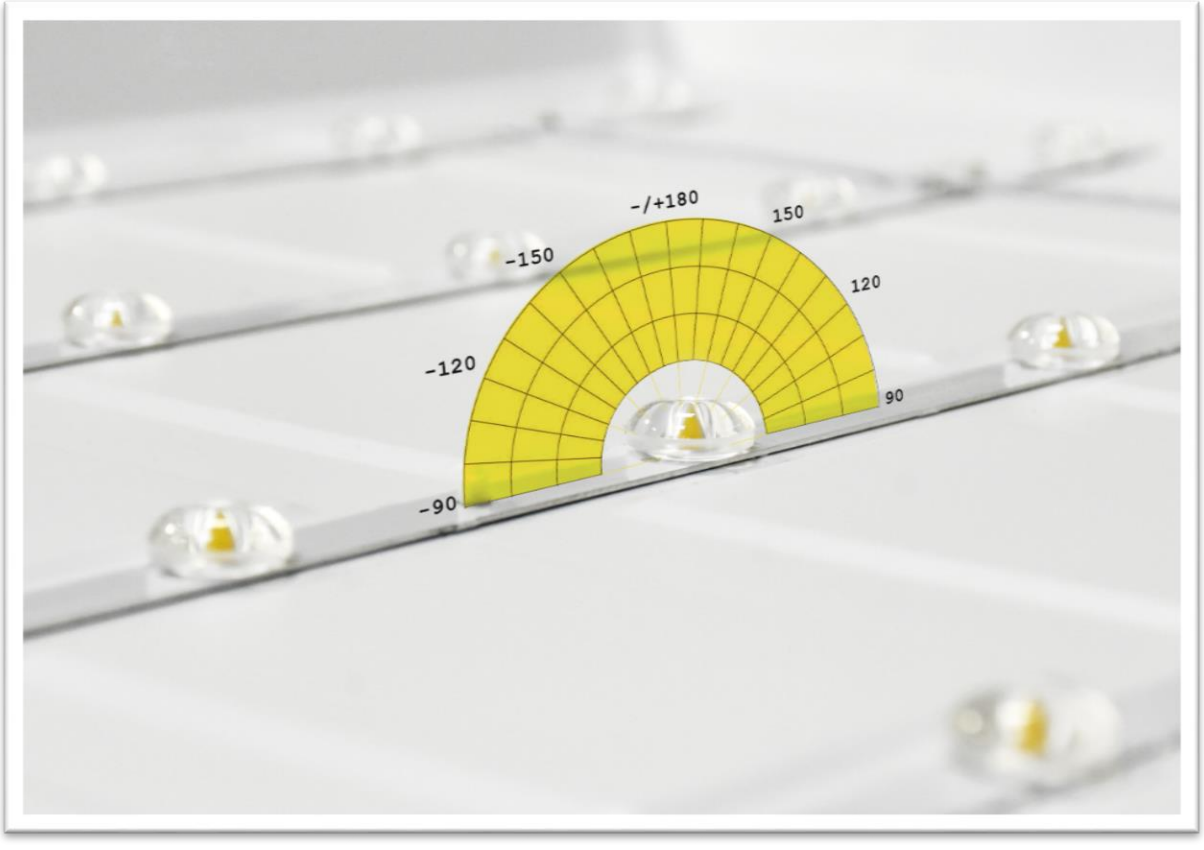
- Tri-Color available (CCT adjustable)
- Drivers: Regular On/Off driver or Flicker-Free
- 1-10V dimmable or DALI dimmable
- 3H Emergency power supply



1mm Opal PC diffuser + prismatic foil
(90-95° Beam angle)
UGR<19

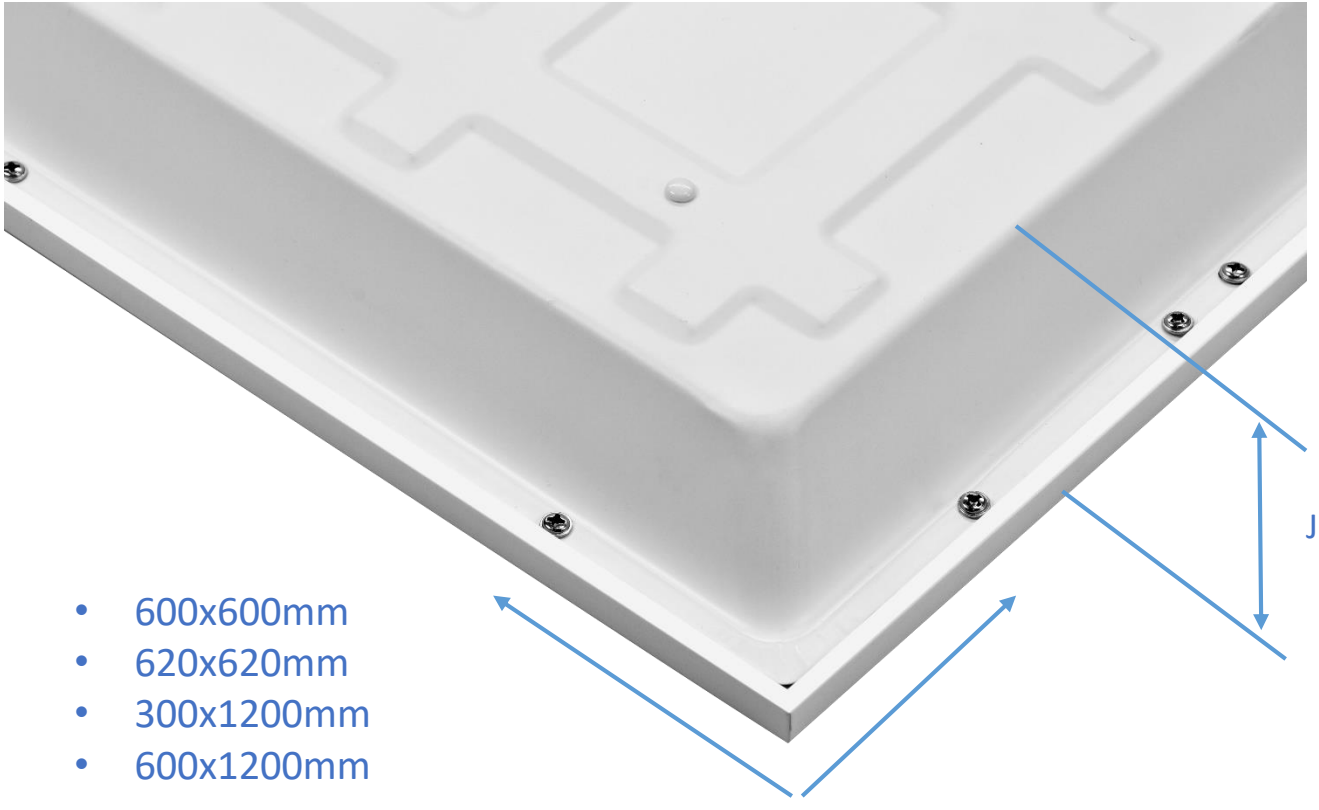
1mm Opal PC diffuser
(120° Beam angle)

Lenses



To assure a perfectly homogeneous light distribution without dark spots, we use specially made lenses with 180° degree beam angle. This allows the light to be dispersed evenly inside the fixture and assures a shadow free appearance.

Dimensions

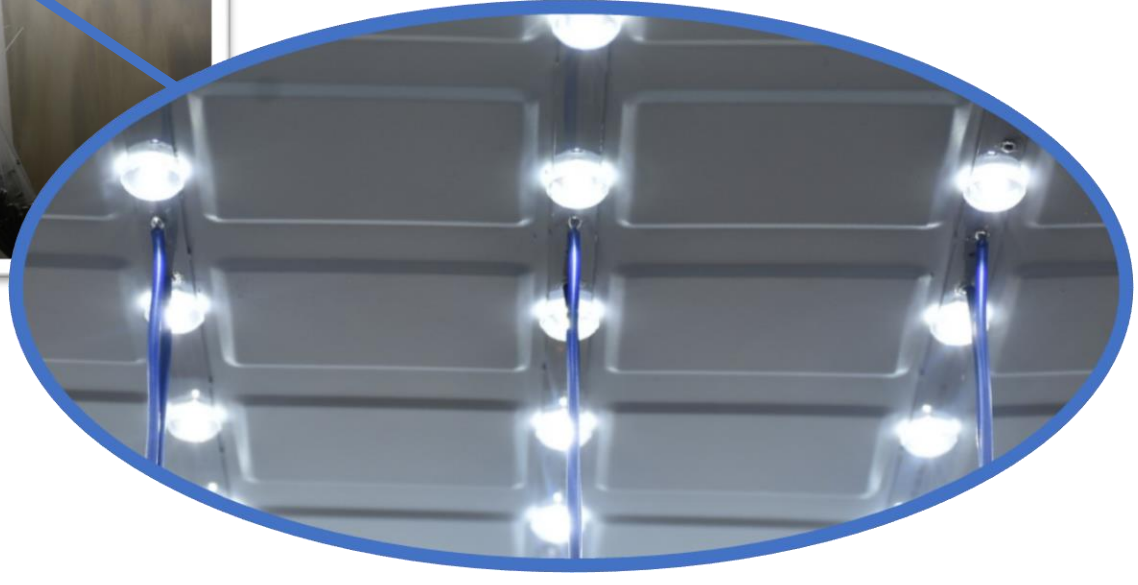


Just **32mm** height

- 600x600mm
- 620x620mm
- 300x1200mm
- 600x1200mm



The PCB strips are glued by use of an automated glue machine to assure the glue is evenly distributed. Each PCB is tested to withstand a downwards pull force of 840g for a duration of at least 30 days at operating temperature.







As an additional protection against falling PCB strips, we included plastic clips to fix the PCB in place. Each PCB is secured by 3 clips.



Cable Strain Relieve and Seal

Ledison Panel uses a secure strain-relieve that doubles as seal and prevents light from spilling out.

Ledison



Ledison



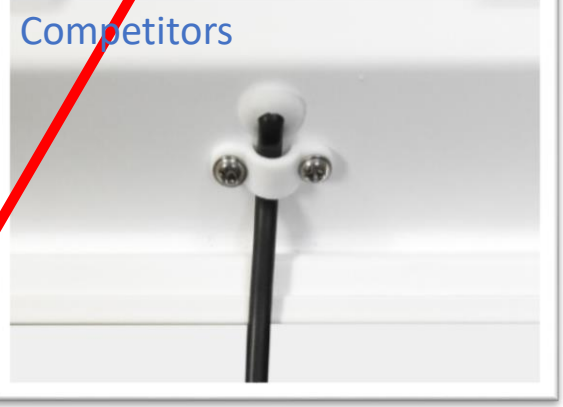


Seal and strain-relieve are separate and often allow light spill to occur.

Competitors



Competitors



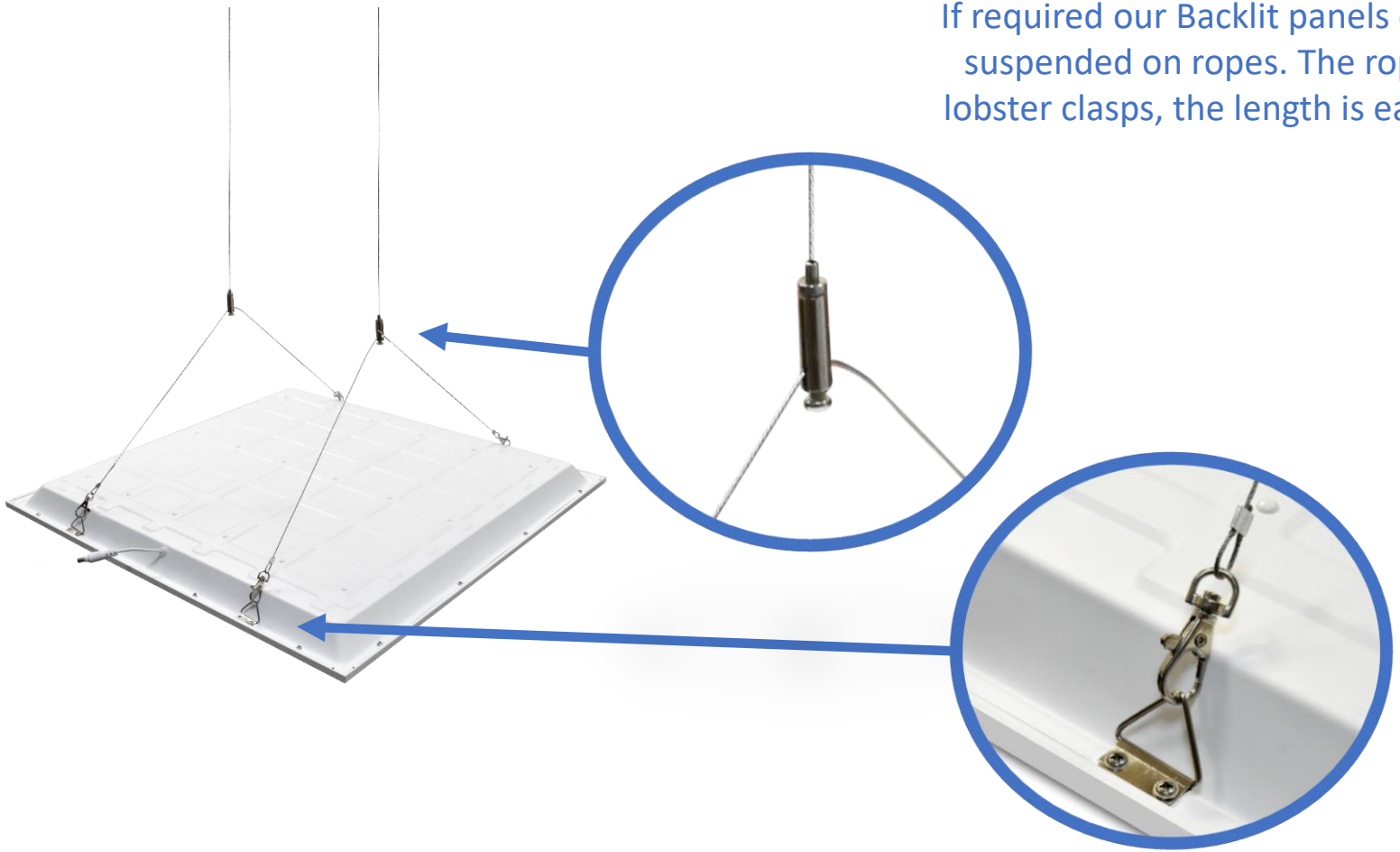
Tri-Color Option

In order to allow our customers to reduce their stock, we offer a CCT adjustable version. An external switch makes it possible to choose between 3 colors (3000K, 4000K, 5000K).



Optional Hanging Ropes

If required our Backlit panels can be installed suspended on ropes. The ropes are fixed by lobster clasps, the length is easily adjustable.



Flicker free high quality LED drivers for standard on/off operation DALI and 1-10V branded power supplies for TRIDONIC EASEIC and EU-Chips

The operating life exceeds the 50000 hours.



