

Unique LED Panel Lighting Solutions

LED Panel Technology

Our patented LGP technology enables us to produce Light Emitting Diode (LED) Panels for Turk LED Technology (TLT) which distributes the light passing through light spreading medium, homogenously on the surface. Contrary to the conventional method (Back surface enlightening), TLT Panels are based on the principal of edge enlightening.

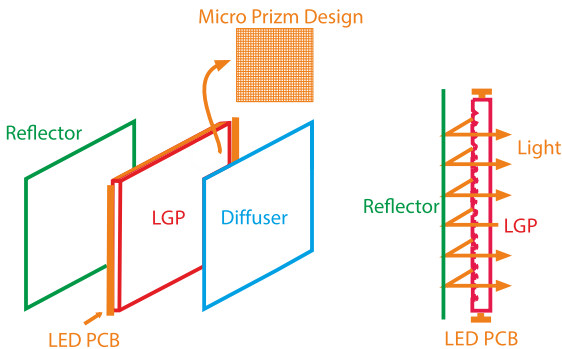
Our patented LGP technology allows us to produce TLT LED Panels which can be in sizes in the range of 120 cm*240 cm.

TLT Panels consume about 60% less energy than conventional lighting fixtures thus reducing operational cost. By the courtesy of our patented LGP technology TLT LED Panels are edge enlightened so, they are glare-free on the diffuser plates. Our TLT LED Panels are considered eye health friendly.

Esthetics, energy saving and long-life features make LGP LED Panels highly recommended in different applications such as; hospitals, offices, malls, schools, trade centers and many other similar areas.

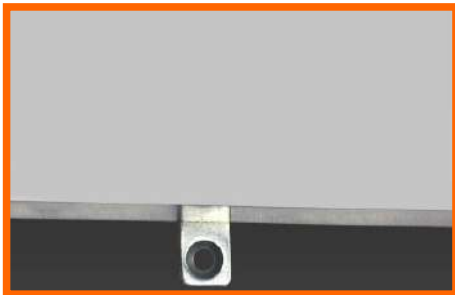
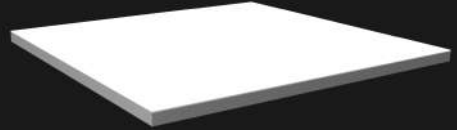
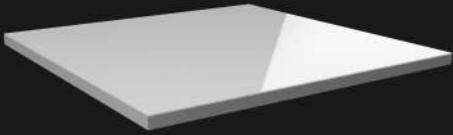


Patent no : TR 2011 11145 B



- 1 - Diffuser
- 2 - Frame Profile
- 3 - LED PCB
- 4 - LGP
- 5 - Reflector

Frameless LGP LED Panels, eliminate the unilluminated areas caused by panel frames and offer more decorative surfaces with various options.

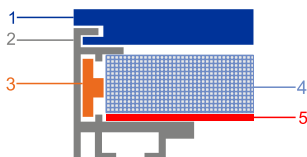


Mounting Detail



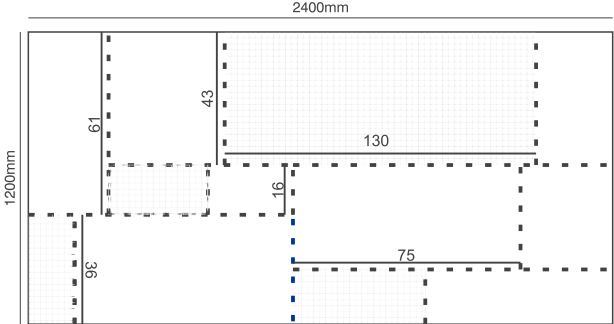
Backside Appearance

- 1 - Diffuser
- 2 - Aluminum Profile
- 3 - LED Pcb
- 4 - LGP
- 5 - Reflector



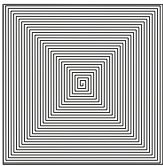
Size (mm)	Customized
Weight (kg)	Customized
Light Source	2835 SMD LED
Power Consumption (Watt)	Customized
Input Voltage (V-AC)	AC 200-240
Voltage Of LED (V-DC)	DC 24V
Color Temperature (Kelvin)	3000 - 4000 - 6500 K
Lifetime (hours)	50.000
IP Protection Class	IP65
Color Rendering Index (CRI)	≥ 80
Warranty (Years)	2

Size Options

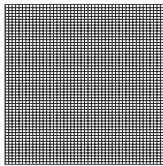


Any Desired Size
Max. 1200mmx2400mm

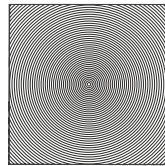




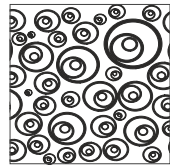
Spiral



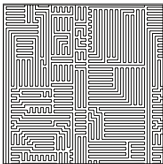
Grid



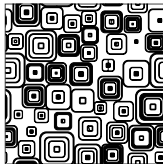
Circle



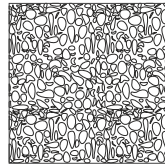
Retro 2



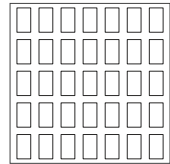
Maze



Retro 1



Pebble



Rectangle



any desired pattern...

LED Panel
(without Opal Diffuser)
with the pattern you want
to see on the surface.



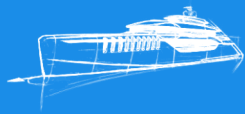
Custom Projects Department

We have established a Custom Projects department, mainly to assist and furnish solutions to designer's needs and requirements. Hence, to complete their projects in their best terms of use and aesthetics.







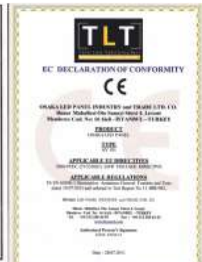
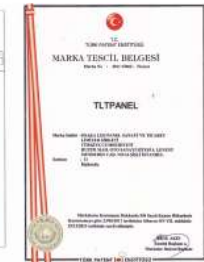


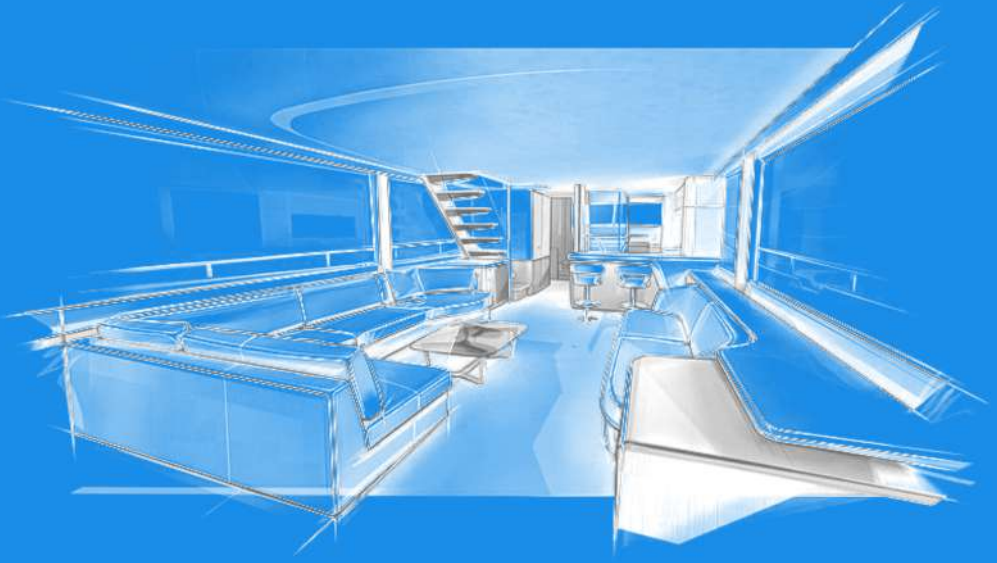












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