CPDLIGHTING

Backlighting Specialists

IP65

CPD LITE TILE

5/16”(8mm) IP65 light guide panel

Our outdoor LED light panels are IP65 and our power supplies are IP67(IP66, IP65, IP44 options). Not only our outdoor light panels rated for the elements, but they are completely custom sized. Outdoor LED light panels are used for backlighting outdoor advertisements or adding ambiance to areas once never thought possible. Whether your area has high heat, bitter cold, heavy rains, or snow; you can trust CPD’s outdoor light panels to last an extended amount of time. Our outdoor panels are rated to last 50,000-75,000 hours.

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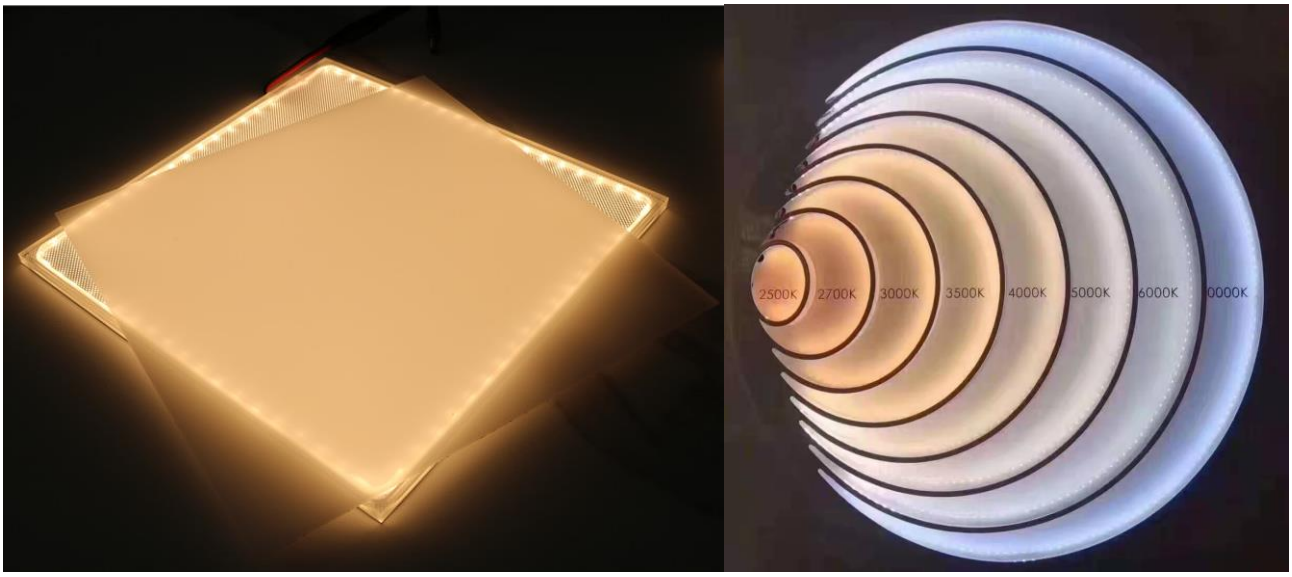

ADVANTAGES:

- Available in custom sizes & shapes
- Can be used in “frameless” designs
- Super slim 5/16” 8mm laser Cut dotting panel
- Kelvins options (3000K/4000K/5000K/6500K)
- Pull-resistant design wire
- High brightness, Even and stable light quality
- Long LED lifespan (50,000-75,000 hours)
- Advanced 3 years warranty
- Energy saving and maintenance free (70% energy savings over traditional lighting)

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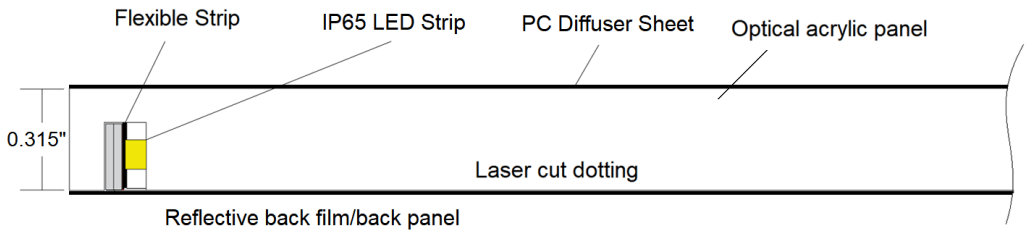
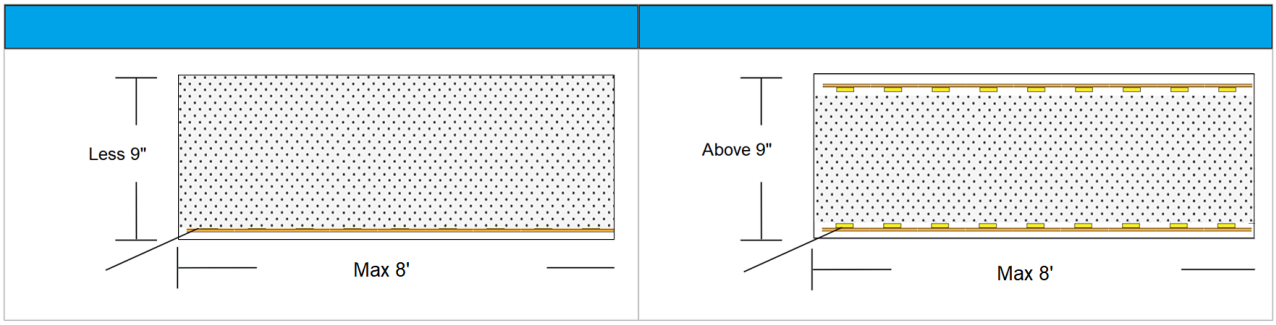
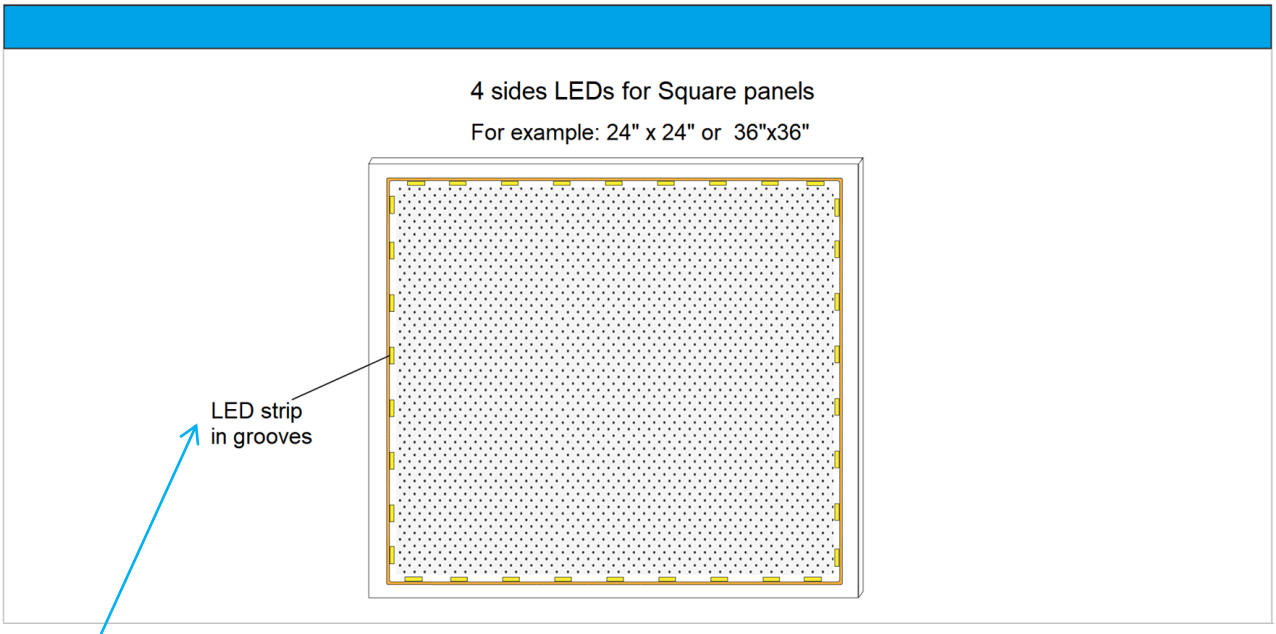
LED lighting solution

Raw CPD Lite Tile 5/16” (8mm) light panel cut view&top views







Custom LED strips brightness design

IP65, 120pcs LED chips per 40”, PCB board width 1/4”, 3.3W per 1ft.

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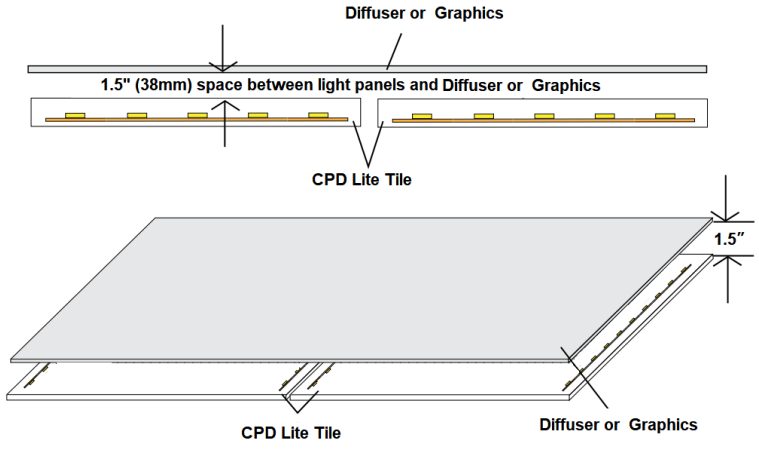
Specifications

ELECTRICAL Specifications	
Input Voltage	12 volt power supply depending on your requirement.
Wattage	12W per 40 inches LED strip
Color Temperature	3000K,4000K,5000K,6500K
Wire size	20AWG (Pull-resistant design wire)
Shape and size	Can be customized any shape, largest size is 4'x8'
Thickness	5/16"(8mm) for single color, 1/2"(12mm) for RGB color changing.
Weight	**8mm** 1.95 lbs / sq ft (9.54 kg / sq m); 12**mm** 2.92 lbs / sq ft (14.3 kg / sq m)
Wire coming from panel	3" DC wire + 10' extension cord
Material Front Side of Panel	Clear pure virgin acrylic panel or with diffuser (optional)
Material Back Side of Panel	High quality reflecting sheet
Catalog Designation	Non- All custom shapes, no stock items ***'CPD LITE TILE'***
Dimming Capacities	12V/24V 0-72A (Plug and play dimmer) (optional)
Power Supply	UL Listed DC adaptor
Connection from panel to Power supply	Plug & Play. Male plug on power supply / Female plug on panel

Illuminating larger area (above 2 panels)



When placing panels side by side to create a larger illuminated area, you may see a bright line (LED illuminated edge) or dark line (non-illuminated edge) where they meet. These areas show differently depending on the overlay material being used. We recommend testing the material to be backlit in order to determine if additional diffusion or space is necessary.

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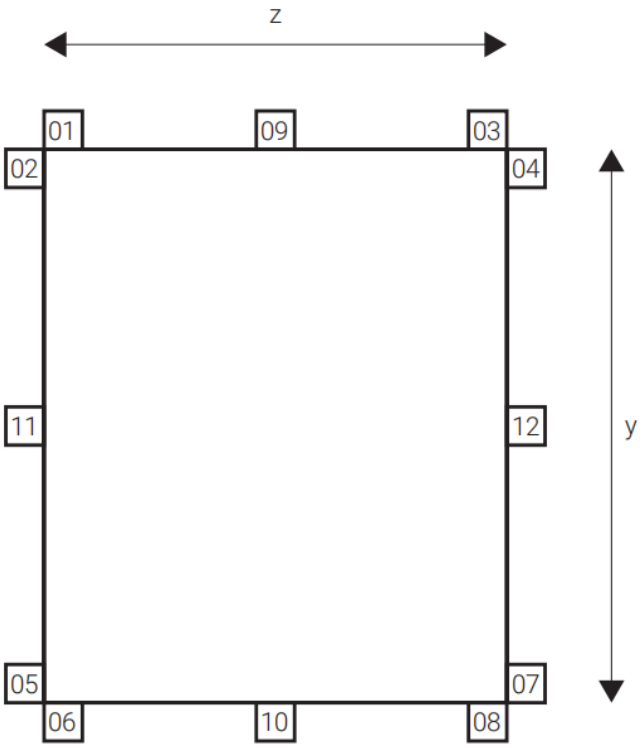
Panels Wiring



1, 3, 6, 8: Corner Exit short side

2, 4, 5, 7: Corner exit long side

9, 10: Side Exit short side

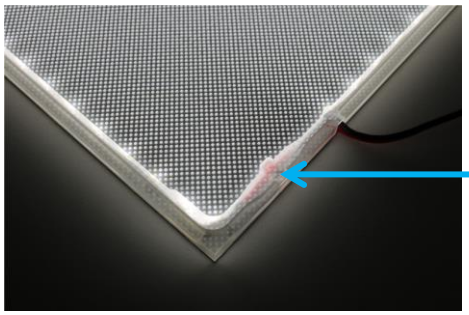
11, 12: Side exit long side

Chose wire exit(s) from above:

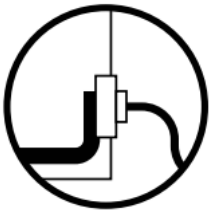
12V - Wattage <50W 1 wire; Wattage >50W 2 wires

24V - Wattage <75W 1 wire; Wattage >75W 2 wires

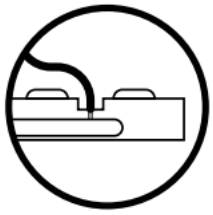
• *Please consult with CSR if panel wattage is >100W*



Pull-resistant design wire



Power cord exits from edges



Power cord exits from the rear side of the light panel

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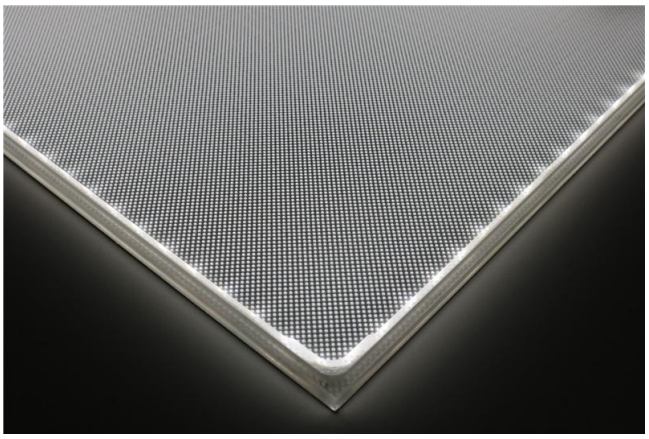
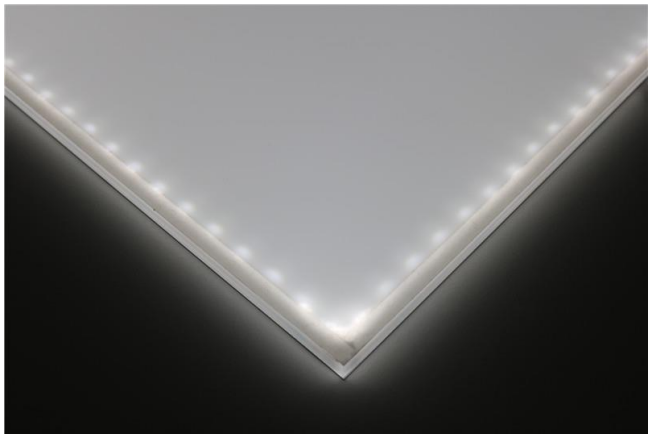
Light panel options

Option 1. Without/With diffuser

Raw CPD Lite Tile

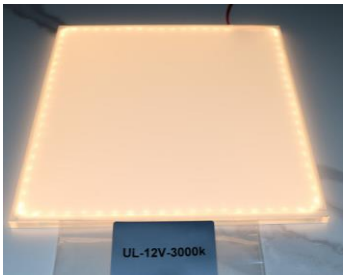


CPD Lite Tile with diffuser

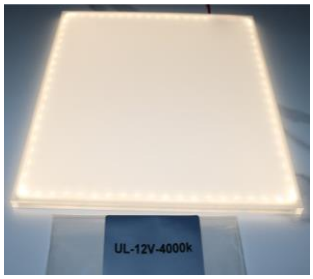


Option 2. Kelvin options

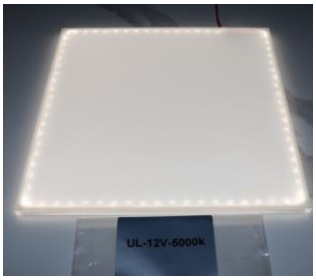
3000K



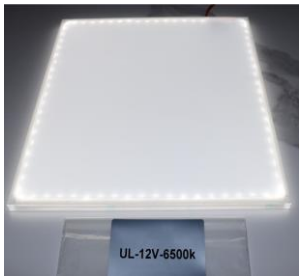
4000K



5000K

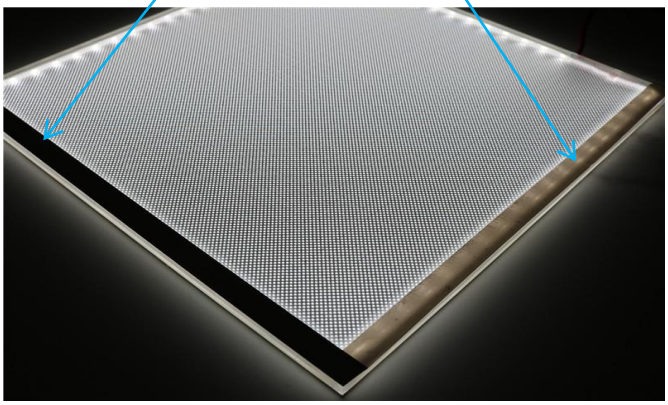


6500K

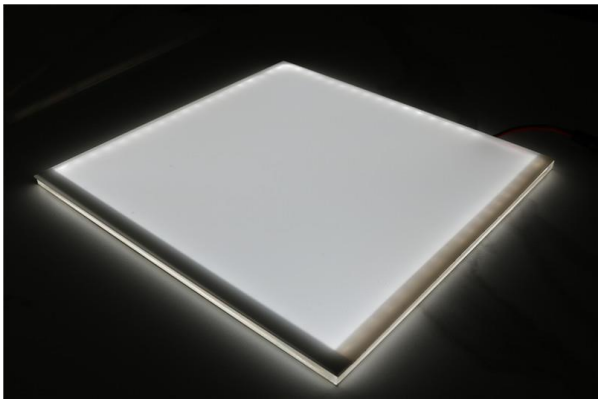


Option 3

Opaque tape / Diffuser tape



With Diffuser panel on LGP



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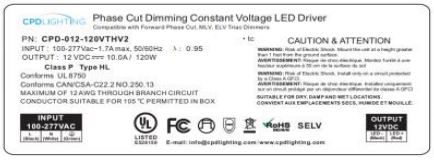
Accessories and options

CPD UL Listed Dimmable Power Supply- UL#E528159

JBOX series: IP66 for wet, damp and dry		
SMT-012-060VTHV2 **12VDC 60W Triac dimming**		
SMT-012-100VTHV2 **12VDC 100W Triac dimming**		
SMT-012-150VTHV2 **12VDC 150W Triac dimming**		
SMT-012-200VTHV2 **12VDC 200W Triac dimming**		
SMT-012-300VTHV2 **12VDC 300W Triac dimming**		
Linear series: IP67 for wet, damp and dry		
SMT-012-150VTSW **12VDC 150W Triac dimming**		
SMT-012-150VWSW **12VDC 150W Non dimming**		

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Outdoor panel electronic accessories

MeanWell power supply IP67 series	**LPV-150-**	
MeanWell power supply IP67 series	**ERPF-400-**	
MeanWell power supply IP65 series	**HLG-240H-**	
LED strips IP65	**DC12V,** **120pcs LED chips per 40ft**	
Connectors	**DC jacket 5521 waterproof**	

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Applications

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