



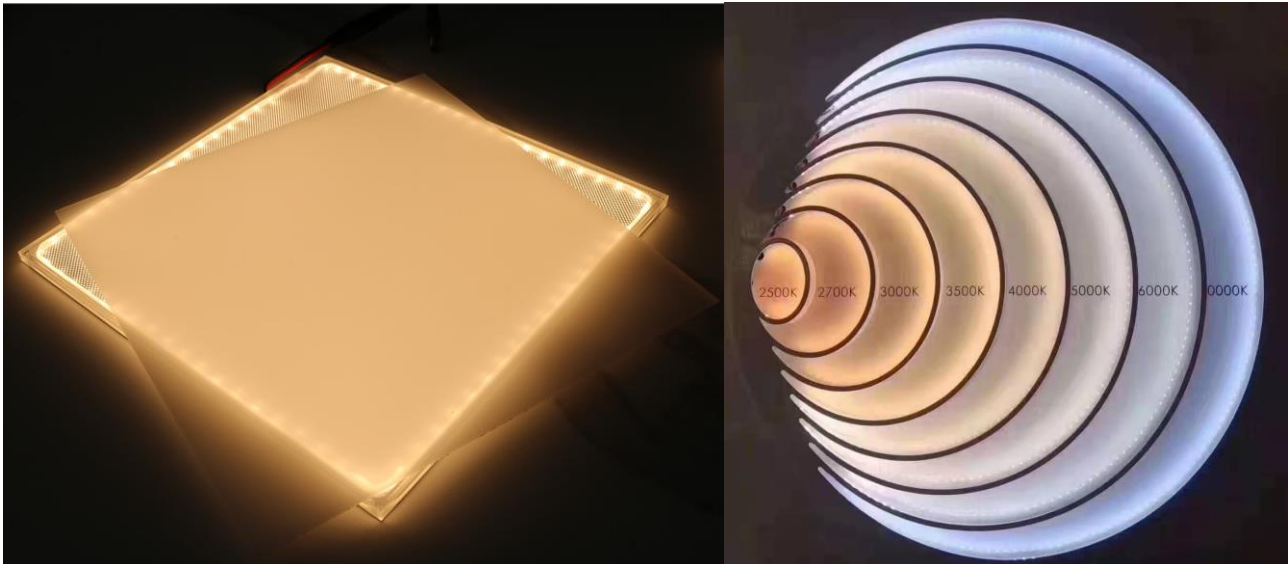
IP65



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.

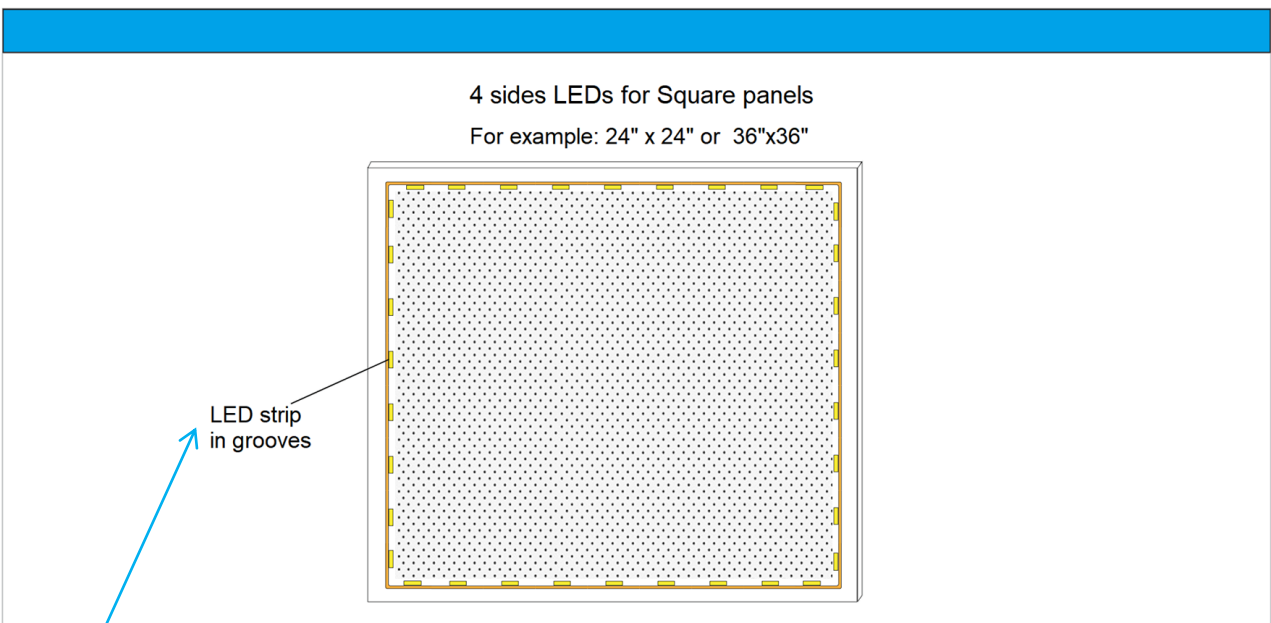
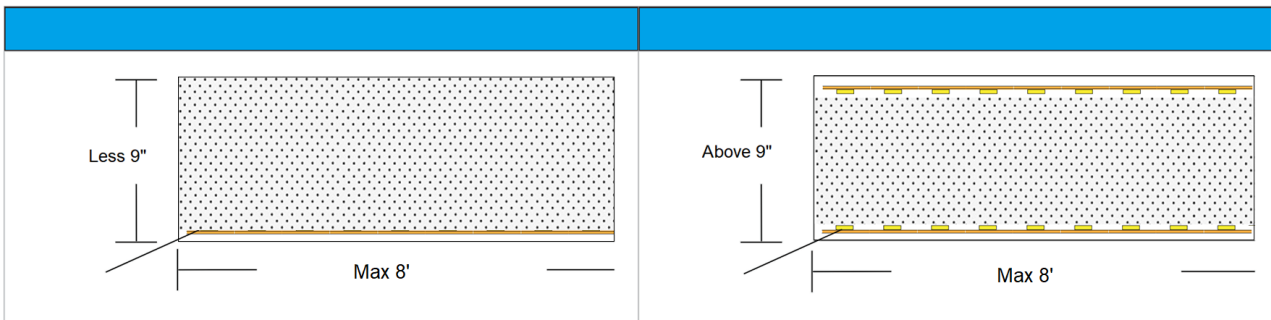
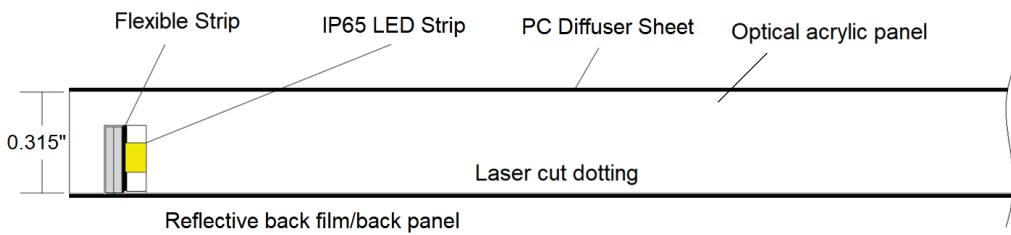


ADVANTAGES:

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



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



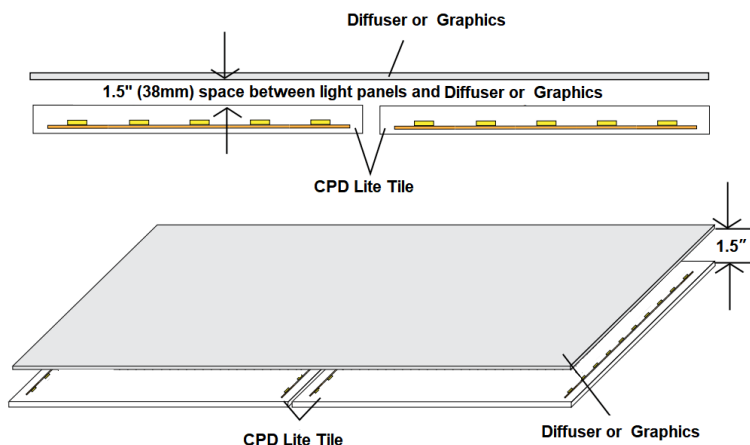
Custom LED strips brightness design

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

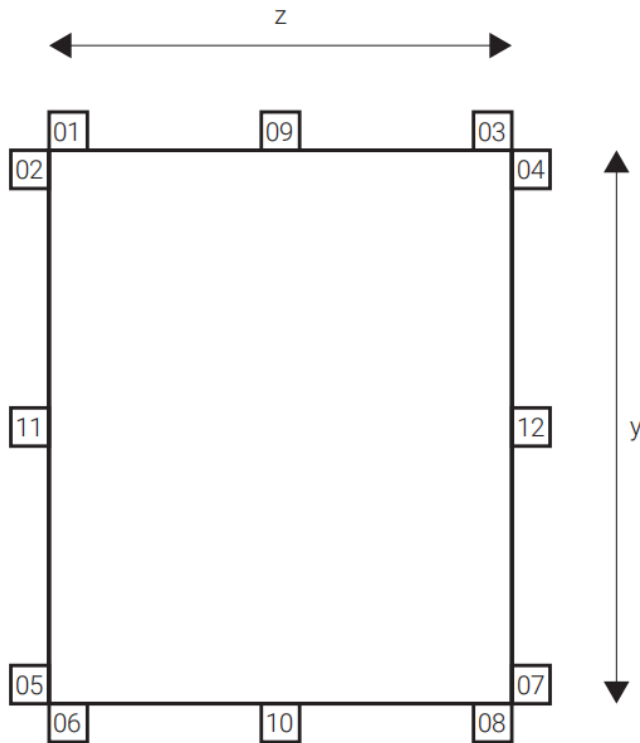
Specifications

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); 12mm 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)

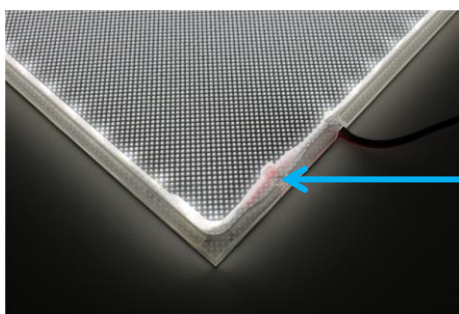


When placing panels side by side to create a larger illuminated area, you may see a bright line (LED illuminated edge) or dark line (non-illuminated edge) where they meet. These areas show differently depending on the overlay material being used. We recommend testing the material to be backlit in order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

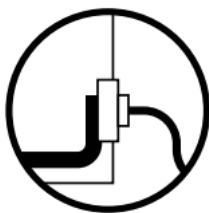


1, 3, 6, 8: Corner Exit short side
2, 4, 5, 7: Corner exit long side
9, 10: Side Exit short side
11, 12: Side exit long side

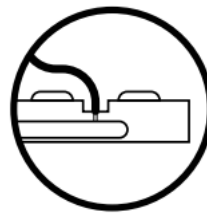
Chose wire exit(s) from above:
 12V - Wattage <50W 1 wire; Wattage >50W 2 wires
 24V - Wattage <75W 1 wire; Wattage >75W 2 wires
 • Please consult with CSR if panel wattage is >100W



Pull-resistant design wire



Power cord exits from edges

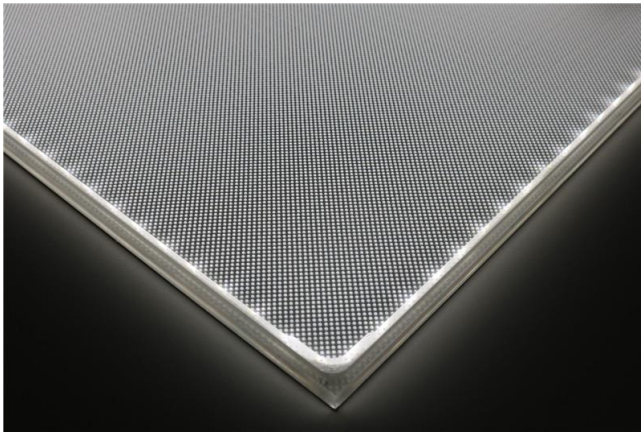


Power cord exits from the rear side of the light panel

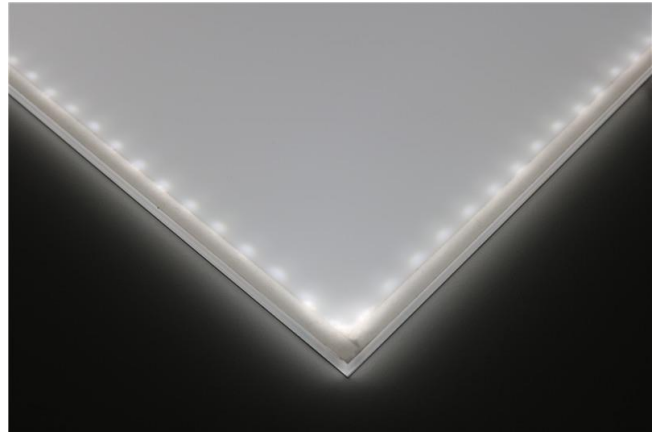
Light panel options

Option 1. Without/With diffuser

Raw CPD Lite Tile

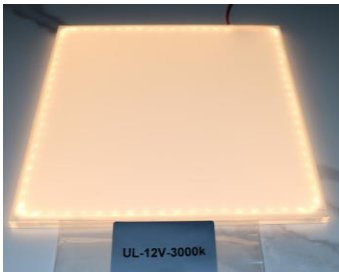


CPD Lite Tile with diffuser

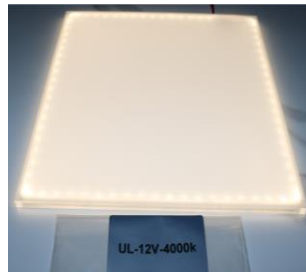


Option 2. Kelvin options

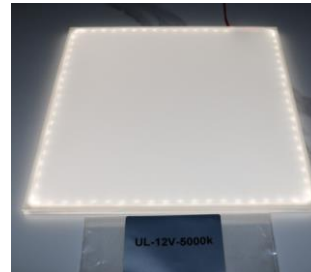
3000K



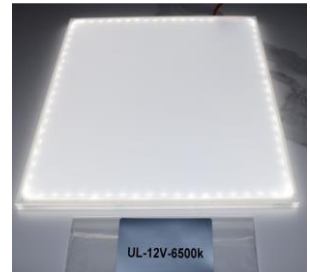
4000K



5000K

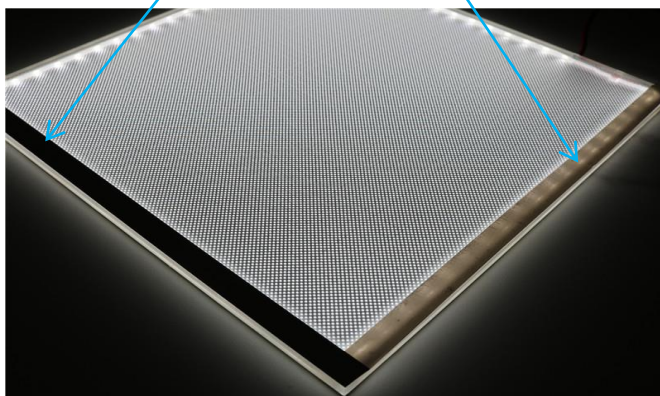


6500K

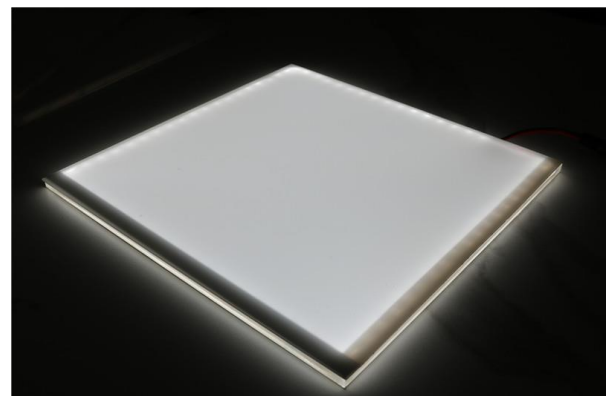


Option 3

Opaque tape / Diffuser tape



With Diffuser panel on LGP



CPDLIGHTING

Backlighting Specialists

Accessories and options








CPD UL Listed Dimmable Power Supply- UL#E528159

JBOX series: IP66 for wet, damp and dry		
<p>SMT-012-060VTHV2 12VDC 60W Triac dimming</p>		<p>CPDLIGHTING Phase Cut Dimming Constant Voltage Class 2 LED Driver Compatible with Forward Phase Cut, MLV, ELV Triac Dimmers</p> <p>PN: CPD-012-060VTHV2 INPUT: 100-277Vac-5.8A max, 50/60Hz 1: 0.95 OUTPUT: 12 VDC rms 5.0A / 60W</p> <p>Class P Type HL</p> <p>Conforms UL 8750 Conforms CAN/CSA-C22.2 NO.250.13 MAXIMUM OF 12 AWG THROUGH BRANCH CIRCUIT CONDUCTOR SUITABLE FOR 105 °C PERMITTED IN BOX</p> <p>CAUTION & ATTENTION WARNING: Risk of Electric Shock. Disconnect and lock out at a high phase angle. Do not touch the printed surface. ADVERTISSEMENT: Risque de choc électrique. Débranchez l'alimentation et bloquez la phase avant de toucher la surface imprimée. WARNING: Risk of Electric Shock. Install only in a closed protected enclosure. ADVERTISSEMENT: Risque de choc électrique. Installer uniquement en un endroit protégé par un boîtier fermé et verrouillé. CONVERT ALL REPLACEMENTS TO CLASS 2 LED DRIVERS. CONVERTIR TOUTES REMPLACEMENTS EN CLASSE 2 LED DRIVERS.</p> <p>INPUT 100-277VAC LISTED E528159</p> <p>OUTPUT 12VDC</p> <p>UL LISTED E528159 FC SELV</p> <p>E-mail: info@cpdlighting.com www.cpdlighting.com</p>
<p>SMT-012-100VTHV2 12VDC 100W Triac dimming</p>		<p>CPDLIGHTING Phase Cut Dimming Constant Voltage LED Driver Compatible with Forward Phase Cut, MLV, ELV Triac Dimmers</p> <p>PN: CPD-012-100VTHV2 INPUT: 100-277Vac-1.5A max, 50/60Hz 1: 0.95 OUTPUT: 12 VDC rms 8.33A / 100W</p> <p>Class P Type HL</p> <p>Conforms UL 8750 Conforms CAN/CSA-C22.2 NO.250.13 MAXIMUM OF 12 AWG THROUGH BRANCH CIRCUIT CONDUCTOR SUITABLE FOR 105 °C PERMITTED IN BOX</p> <p>CAUTION & ATTENTION WARNING: Risk of Electric Shock. Disconnect and lock out at a high phase angle. Do not touch the printed surface. ADVERTISSEMENT: Risque de choc électrique. Débranchez l'alimentation et bloquez la phase avant de toucher la surface imprimée. WARNING: Risk of Electric Shock. Install only in a closed protected enclosure. ADVERTISSEMENT: Risque de choc électrique. Installer uniquement en un endroit protégé par un boîtier fermé et verrouillé. CONVERT ALL REPLACEMENTS TO CLASS 2 LED DRIVERS. CONVERTIR TOUTES REMPLACEMENTS EN CLASSE 2 LED DRIVERS.</p> <p>INPUT 100-277VAC LISTED E528159</p> <p>OUTPUT 12VDC</p> <p>UL LISTED E528159 FC SELV</p> <p>E-mail: info@cpdlighting.com www.cpdlighting.com</p>
<p>SMT-012-150VTHV2 12VDC 150W Triac dimming</p>		<p>CPDLIGHTING Phase Cut Dimming Constant Voltage LED Driver Compatible with Forward Phase Cut, MLV, ELV Triac Dimmers</p> <p>PN: CPD-012-150VTHV2 INPUT: 100-277Vac-1.7A max, 50/60Hz 1: 0.95 OUTPUT: 12 VDC rms 10.0A / 120W</p> <p>Class P Type HL</p> <p>Conforms UL 8750 Conforms CAN/CSA-C22.2 NO.250.13 MAXIMUM OF 12 AWG THROUGH BRANCH CIRCUIT CONDUCTOR SUITABLE FOR 105 °C PERMITTED IN BOX</p> <p>CAUTION & ATTENTION WARNING: Risk of Electric Shock. Disconnect and lock out at a high phase angle. Do not touch the printed surface. ADVERTISSEMENT: Risque de choc électrique. Débranchez l'alimentation et bloquez la phase avant de toucher la surface imprimée. WARNING: Risk of Electric Shock. Install only in a closed protected enclosure. ADVERTISSEMENT: Risque de choc électrique. Installer uniquement en un endroit protégé par un boîtier fermé et verrouillé. CONVERT ALL REPLACEMENTS TO CLASS 2 LED DRIVERS. CONVERTIR TOUTES REMPLACEMENTS EN CLASSE 2 LED DRIVERS.</p> <p>INPUT 100-277VAC LISTED E528159</p> <p>OUTPUT 12VDC</p> <p>UL LISTED E528159 FC SELV</p> <p>E-mail: info@cpdlighting.com www.cpdlighting.com</p>
<p>SMT-012-200VTHV2 12VDC 200W Triac dimming</p>		<p>CPDLIGHTING Phase Cut Dimming Constant Voltage LED Driver Compatible with Forward Phase Cut, MLV, ELV Triac Dimmers</p> <p>PN: CPD-012-200VTHV2 INPUT: 100-277Vac-2.3A max, 50/60Hz 1: 0.95 OUTPUT: 12 VDC rms 16.6A / 200W</p> <p>Class P Type HL</p> <p>Conforms UL 8750 Conforms CAN/CSA-C22.2 NO.250.13 MAXIMUM OF 12 AWG THROUGH BRANCH CIRCUIT CONDUCTOR SUITABLE FOR 105 °C PERMITTED IN BOX</p> <p>CAUTION & ATTENTION WARNING: Risk of Electric Shock. Disconnect and lock out at a high phase angle. Do not touch the printed surface. ADVERTISSEMENT: Risque de choc électrique. Débranchez l'alimentation et bloquez la phase avant de toucher la surface imprimée. WARNING: Risk of Electric Shock. Install only in a closed protected enclosure. ADVERTISSEMENT: Risque de choc électrique. Installer uniquement en un endroit protégé par un boîtier fermé et verrouillé. CONVERT ALL REPLACEMENTS TO CLASS 2 LED DRIVERS. CONVERTIR TOUTES REMPLACEMENTS EN CLASSE 2 LED DRIVERS.</p> <p>INPUT 100-277VAC LISTED E528159</p> <p>OUTPUT 12VDC</p> <p>UL LISTED E528159 FC SELV</p> <p>E-mail: info@cpdlighting.com www.cpdlighting.com</p>
<p>SMT-012-300VTHV2 12VDC 300W Triac dimming</p>		<p>CPDLIGHTING Phase Cut Dimming Constant Voltage LED Driver Compatible with Forward Phase Cut, MLV, ELV Triac Dimmers</p> <p>PN: CPD-012-300VTHV2 INPUT: 110-277Vac-3.4A max, 50/60Hz 1: 0.95 OUTPUT: 12 VDC rms 25.0A / 300W</p> <p>Class P Type HL</p> <p>Conforms UL 8750 Conforms CAN/CSA-C22.2 NO.250.13 MAXIMUM OF 12 AWG THROUGH BRANCH CIRCUIT CONDUCTOR SUITABLE FOR 105 °C PERMITTED IN BOX</p> <p>CAUTION & ATTENTION WARNING: Risk of Electric Shock. Disconnect and lock out at a high phase angle. Do not touch the printed surface. ADVERTISSEMENT: Risque de choc électrique. Débranchez l'alimentation et bloquez la phase avant de toucher la surface imprimée. WARNING: Risk of Electric Shock. Install only in a closed protected enclosure. ADVERTISSEMENT: Risque de choc électrique. Installer uniquement en un endroit protégé par un boîtier fermé et verrouillé. CONVERT ALL REPLACEMENTS TO CLASS 2 LED DRIVERS. CONVERTIR TOUTES REMPLACEMENTS EN CLASSE 2 LED DRIVERS.</p> <p>INPUT 110-277VAC LISTED E528159</p> <p>OUTPUT 12VDC</p> <p>UL LISTED E528159 FC SELV</p> <p>E-mail: info@cpdlighting.com www.cpdlighting.com</p>
Linear series: IP67 for wet, damp and dry		
<p>SMT-012-150VTSW 12VDC 150W Triac dimming</p>		<p>CPDLIGHTING Triac Phase Cut Dimming Constant Voltage LED Driver Compatible with Forward Phase Cut, MLV, ELV Triac Dimmers</p> <p>PN: CPD-012-150VTSW INPUT: 100-277Vac, Max. 1.8A, 50/60Hz 1: 0.95 OUTPUT: 12 VDC rms 12.5A / 150W</p> <p>Class P Type HL</p> <p>Conforms CAN/CSA-C22.2 NO.250.13 Conforms UL 8750</p> <p>CAUTION & ATTENTION WARNING: Risk of Electric Shock. Disconnect and lock out at a high phase angle. Do not touch the printed surface. ADVERTISSEMENT: Risque de choc électrique. Débranchez l'alimentation et bloquez la phase avant de toucher la surface imprimée. WARNING: Risk of Electric Shock. Install only in a closed protected enclosure. ADVERTISSEMENT: Risque de choc électrique. Installer uniquement en un endroit protégé par un boîtier fermé et verrouillé. CONVERT ALL REPLACEMENTS TO CLASS 2 LED DRIVERS. CONVERTIR TOUTES REMPLACEMENTS EN CLASSE 2 LED DRIVERS.</p> <p>INPUT 110-277VAC LISTED E528159</p> <p>OUTPUT 12VDC</p> <p>UL LISTED E528159 FC SELV</p> <p>E-mail: info@cpdlighting.com www.cpdlighting.com</p>
<p>SMT-012-150VWSW 12VDC 150W Non dimming</p>		<p>CPDLIGHTING Waterproof Constant Voltage LED Driver</p> <p>PN: CPD-012-150VWSW INPUT: 100-277Vac, Max. 1.8A, 50/60Hz 1: 0.95 OUTPUT: 12 VDC rms 12.5A / 150W</p> <p>Class P Type HL</p> <p>Conforms UL 8750 Conforms CAN/CSA-C22.2 NO.250.13 Conforms UL 8750</p> <p>CAUTION & ATTENTION WARNING: Risk of Electric Shock. Disconnect and lock out at a high phase angle. Do not touch the printed surface. ADVERTISSEMENT: Risque de choc électrique. Débranchez l'alimentation et bloquez la phase avant de toucher la surface imprimée. WARNING: Risk of Electric Shock. Install only in a closed protected enclosure. ADVERTISSEMENT: Risque de choc électrique. Installer uniquement en un endroit protégé par un boîtier fermé et verrouillé. CONVERT ALL REPLACEMENTS TO CLASS 2 LED DRIVERS. CONVERTIR TOUTES REMPLACEMENTS EN CLASSE 2 LED DRIVERS.</p> <p>INPUT 110-277VAC LISTED E528159</p> <p>OUTPUT 12VDC</p> <p>UL LISTED E528159 FC SELV</p> <p>E-mail: info@cpdlighting.com www.cpdlighting.com</p>



Outdoor panel electronic accessories

<p>MeanWell power supply IP67 series</p>	<p>LPV-150-</p>	 <p>LPV -150- Blank/L 12V 15V 24V 36V 48V</p>
<p>MeanWell power supply IP67 series</p>	<p>ERPF-400-</p>	 <p>ERPF-400- 12V 24V 48V</p>
<p>MeanWell power supply IP65 series</p>	<p>HLG-240H-</p>	 <p>HLG-240H- A BLANK 12V 15V 20V 24V 30V 36V 42V 48V 54V</p>
<p>LED strips IP65</p>	<p>DC12V, 120pcs LED chips per 40ft</p>	
<p>Connectors</p>	<p>DC jacket 5521 waterproof</p>	

CPDLIGHTING

Backlighting Specialists

Applications



IP65



(215) 651.2737

info@cpdlighting.com

www.cpdlighting.com