

# CPDLIGHTING

## LED LATTICE

### SPECIALTY LED ITEMS

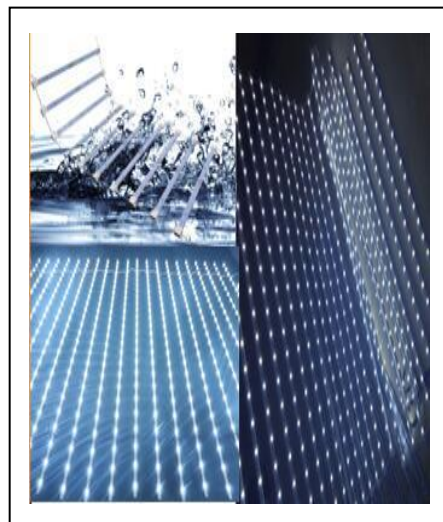
Super bright LED lattice



CPD Lighting offers a fully customized LED lattice system for backlighting sign boxes. Beautifully bright light meets low energy use with this large format backlighting system. Our lattice system is an extremely cost effective way to illuminate your sign box. Our LED lattice system is also a quick way to install LEDs as opposed to layering the LEDs onsite. Simply unroll the LED lattice system into your sign box and you are finished. Contact us today for more information!

## FEATURES

- ◆ Super bright, 1 W / chip
- ◆ 170 ° diffuser lens prevents hot / dark spots
- ◆ in 2" - 4" deep light boxes
- ◆ Custom length, width and spacing
- ◆ Single and double-sided applications
- ◆ Three color temperature options
- ◆ High luminous efficacy (100 -110lm / W)
- ◆ Long LED lifespan (50 000 + hours)
- ◆ Easy to install
- ◆ Energy saving and maintenance free (65% energy savings over traditional lighting)
- ◆ Advanced 3-year warranty



## SPECIFICATION

<b>Input Voltage</b>	12V / 24V DC		
<b>Wattage</b>	1 W/Chip		
<b>Color Temperature</b>	2800-3200 K	6000-6500 K	10000-11000 K
<b>Storage Temperature</b>	-30 °C ~ +40 °C		
<b>Operating Temperature</b>	-30 °C ~ +40 °C		
<b>Waterproof level</b>	Solution 1: IP20		Solution 2: IP65
<b>Luminous Efficiency</b>	100-110 lm / W		
<b>CRI</b>	Ra ≥ 75		
<b>Beam Angle</b>	170°		
<b>Cutttable Length</b>	7.48" (190 mm)		
<b>Dimensions (module) 3030</b>	18 LEDs / PCB bar 45 7/25" (1150 mm) L x 21/32" (16.8 mm) W x 1/2" (12.5 mm) H		

Example	Light Box Depth	Vertical Spacing Between PCB Bars
1	30-50mm	About 85mm
2	60-80mm	About 120mm
3	80-120mm	About 150mm
4	More than 120mm	About 20mm