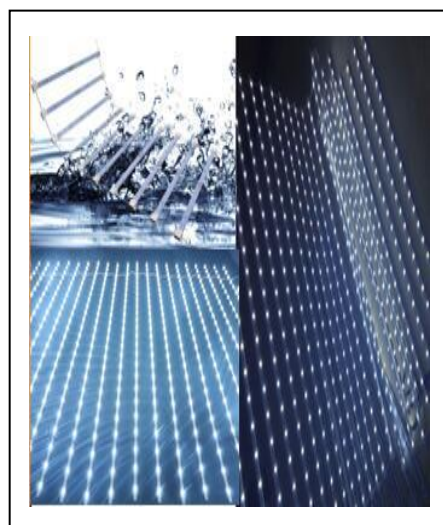# CPDLIGHTING

CLS SYSTEM

SPECIALTY LED ITEMS

CPD Lighting offers a fully customized LED Lattice for backlighting sign boxes. Beautifully bright light meets low energy use with this large format backlighting system. Our LED Lattice is an extremely cost effective way to illuminate your sign box. Our LED Lattice is also a quick way to install LEDs as opposed to layering the LEDs onsite. Simply unroll the LED Lattice 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 efcacy (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

(215) 361-6100   info@cpdlighting.com   www.cpdlighting.com

SPECIFICATION

Input Voltage	12V / 24V DC		
Wattage	1 W/Chip		
Color Temperature	2800-3200 K	6000-6500 K	10000-11000 K
Storage Temperature	-30 °C ~ +40 °C		
Operating Temperature	-30 °C ~ +40 °C		
Waterproof level	Solution 1: IP20	Solution 2: IP65	
Luminous Efficiency	100-110 lm / W		
CRI	Ra ≥ 75		
Beam Angle	170°		
Cuttable Length	7.48" (190 mm)		
Dimensions (module) 3030	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 200mm