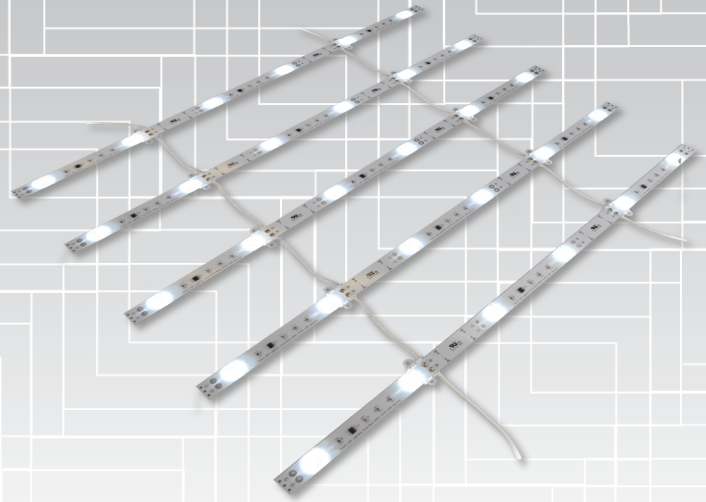


LumiCurtain

Super Bright LED Curtain



Beautifully bright light meets low energy use with this large format backlighting system. LumiCurtain is ideal for illuminating graphics, especially when maximum punch and brightness are a priority. Perfect for large size or curved light boxes that are single or double-sided. It can be optimized to suit different applications by specifying module length, horizontal and vertical module spacing, as well as module direction for single or double face use.

FEATURES



Backlit Graphics



Lit Walls



Lit Ceilings



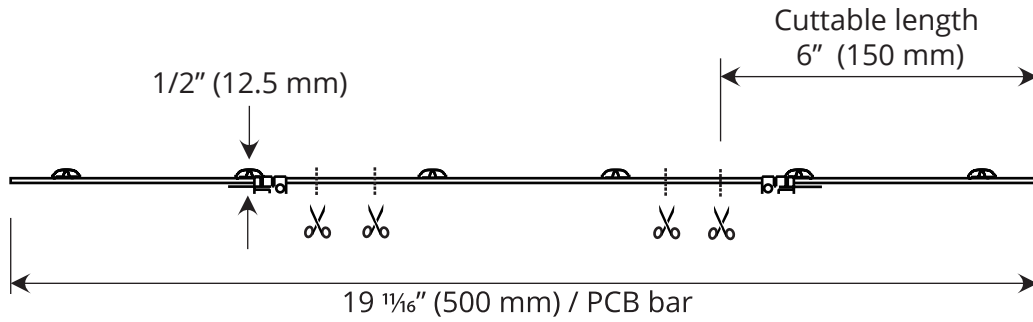
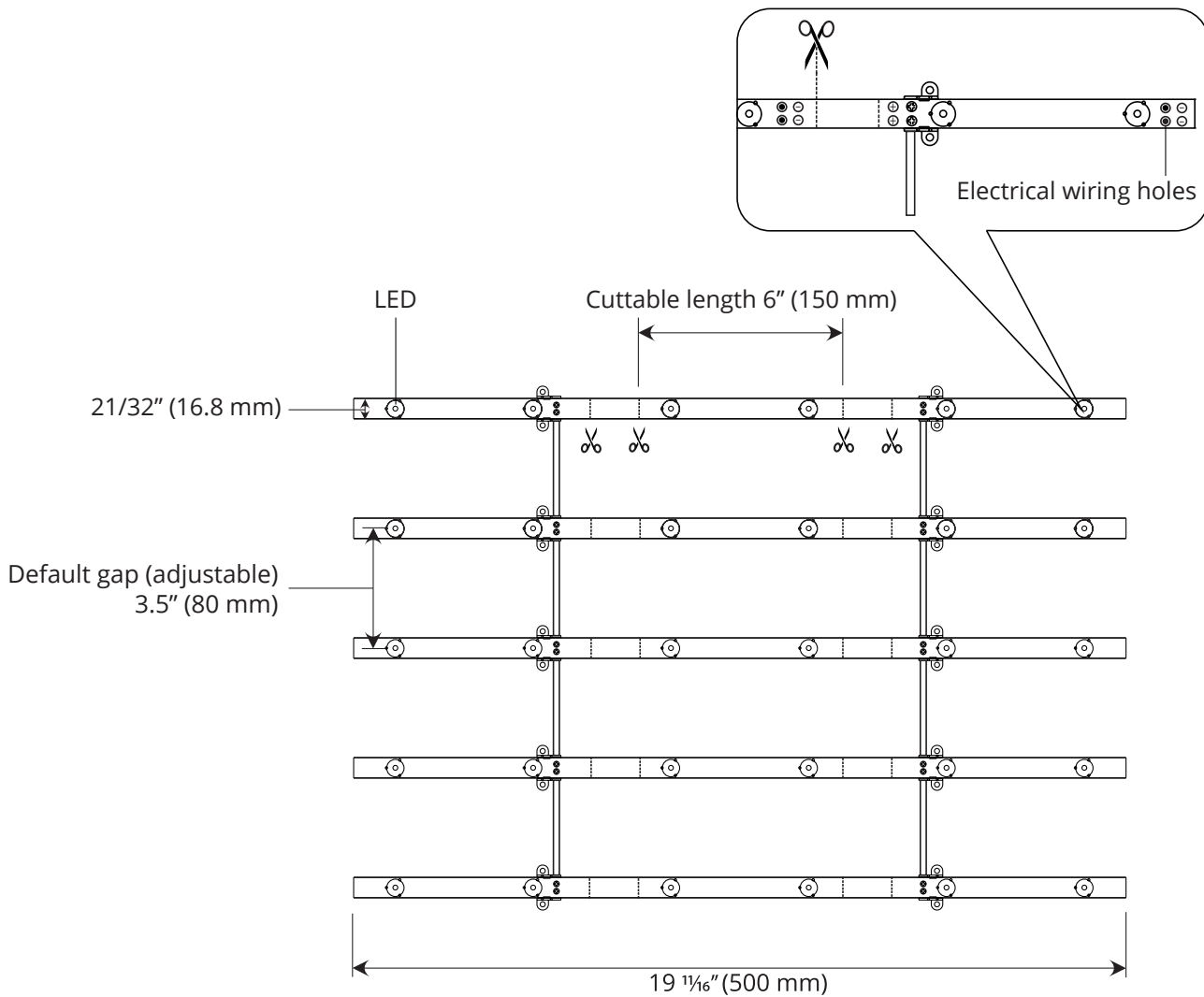
Large Format





Curved

- ✓ 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 (120 lm / 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



PROFILE VIEW**FRONT VIEW**

SPECIFICATIONS		
Electrical		
Input Voltage	24 VDC	
Input Current	0.25 A	
Power Consumption	6 W	
Certification	UL recognized component	
Physical		
Color Temperature	4100 K 	5300 K 
Storage Temperature	-30 °C ~ +40 °C	
Operating Temperature	-30 °C ~ +40 °C	
Environment	Dry location only (standard)	
Total Luminous Flux	720 lm	
Luminous Efficiency	≥ 120 lm / W	
CRI	Ra ≥ 80	
Beam Angle	170°	
Cutable Length	6" (150 mm)	
Dimensions (module)	19 1/16" (500 mm) L x 21/32" (16.8 mm) W x 1/2" (12.5 mm) H 6 LEDs / PCB bar	

INSTALLATION EXAMPLES					
Example	Light Box Depth	Vertical Spacing Between PCB Bars	PCB Bars / m2 (10.76 sq ft)	Watts / Area	Surface Brightness (lux)
1	2.5" (60 mm)	3 15/16" (100 mm)	18	10.03 W / sq ft (108 / m2)	3500 ~ 4000
2	3" (80 mm)	4 23/32" (120 mm)	16	8.92 W / sq ft (96 / m2)	3000 ~ 3500
3	4" (100 mm)	4 23/32" (120 mm)	16	8.92 W / sq ft (96 / m2)	2500 ~ 3000
4	5" (120 mm)	5 29/32" (150 mm)	12	6.69 W / sq ft (72 / m2)	2000 ~ 2500

ORDER INFORMATION		
Series #	Size	Color Temperature
LMCU24	20" (500 mm)	5300 K (± 200 K) 4100 K (± 200 K) (option) 6500 K (± 200 K) (option)

- Notes:
- Lux test results when using a diffuser with approximately 55% transmission
 - LED Kelvin temperatures listed in this literature have been derived from raw LED data. Actual Kelvin ratings can vary +/- 200 K based upon environmental conditions including but not limited to inclusion into LGPs and the use of diffusion materials. A precise ANSI bin control system is utilized to help maintain LED conformity and to minimize variances
 - DLC strives to maintain tight control over specification factors. However, specifications are subject to change on rare occasion. These changes may not be reflected here