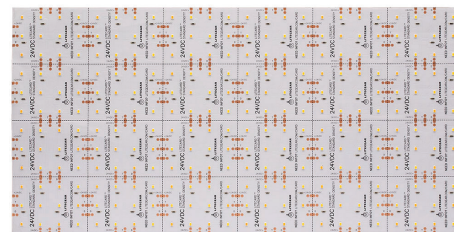


LiteCard features a flexible array of emitters can be cut to your desired size and powered using any Hybrid LiteDimmer. Individual pieces can be cut out and will continue to still operate. The pieces can be soldered back together to make the LiteCard whole again. Cinema Series color space (matches LiteMat and LiteTile). Sections can be tiled together. 50W (25W Tungsten and 25W Daylite).



## 12 SPECIFICATIONS, 12V DC

<b>Product Name:</b> LiteCard Cinema Standard, 12V DC
<b>Item Number:</b> LC-SD-2448-12
<b>Optical System:</b> Flexible LED tape
<b>Color Name:</b> Cinema Hybrid
<b>Power:</b> 50W
<b>Voltage Input:</b> 12V DC nominal (8-13.5V DC constant voltage)
<b>Current:</b> 4.17A
<b>CCT:</b> Hybrid 2600K (+/-100K), 6000K (+/-100K)
<b>CRI:</b> 95+ (Tungsten), 95+ (Daylite)
<b>TLCI:</b> 97 (Tungsten), 96 (Daylite)
<b>Beam Angle:</b> 120°
<b>Lumens (lm) Whites:</b> TBD (Tungsten), TBD (Daylite)
<b>Weight:</b> 0.31 lb. (.14 kg)
<b>PCB Dimensions:</b> 240 mm (9.45 in.) x 480 mm (18.90 in.)
<b>Card Overall Thickness:</b> 2.2 mm (0.087 in.)
<b>Segment Dimensions:</b> 60 mm (.79 in.) x 80 mm (3.14 in.)
<b>Segments per Card:</b> 24
<b>Total LED Quantity:</b> 288
<b>LEDs per Cut Segment:</b> 12
<b>LED Spacing:</b> 20 mm (0.79 in.)
<b>Dimming Range:</b> 0-100%
<b>Operating Temperature:</b> -20°C to +50°C (68°F to +122°F)
<b>Connector:</b> Bare Wire
<b>Mounting:</b> Adhesive backing
<b>LED Lifetime:</b> 50,000 Hrs
<b>IP Rating:</b> 20
<b>Certifications:</b> UL Listed (Canada/US), CE Compliant (Europe)

## 24 SPECIFICATIONS, 24V DC

<b>Product Name:</b> LiteCard Cinema Standard, 24V DC
<b>Item Number:</b> LC-SD-2448-24
<b>Optical System:</b> Flexible LED tape
<b>Color Name:</b> Cinema Hybrid
<b>Power:</b> 50W
<b>Voltage Input:</b> 24V DC nominal (20-25.5V DC constant voltage)
<b>Current:</b> 2.08A
<b>CCT:</b> Hybrid 2600K (+ / - 100K), 6000K (+/-100K)
<b>CRI:</b> 95+ (Daylite), 95+ (Tungsten)
<b>TLCI:</b> 97 (Daylite), 96 (Tungsten)
<b>Beam Angle:</b> 120°
<b>Lumens (lm) Whites:</b> TBD (Tungsten), TBD (Daylite)
<b>Weight:</b> 0.31 lb. (.14 kg)
<b>PCB Dimensions:</b> 240 mm (9.45 in.) x 480 mm (18.90 in.)
<b>Card Overall Thickness:</b> 2.2 mm (0.087 in.)
<b>Segment Dimensions:</b> 60 mm (.79 in.) x 80 mm (3.14 in.)
<b>Segments per Card:</b> 24
<b>Total LED Quantity:</b> 288
<b>LEDs per Cut Segment:</b> 12
<b>LED Spacing:</b> 20 mm (0.79 in.)
<b>Dimming Range:</b> 0-1 100%
<b>Operating Temperature:</b> -20°C to +50°C (68°F to +122°F)
<b>Connector:</b> Bare Wire
<b>Mounting:</b> Adhesive backing
<b>LED Lifetime:</b> 50,000 Hrs
<b>IP Rating:</b> 20
<b>Certifications:</b> UL Listed (Canada/US), CE Compliant (Europe)

## PHOTOMETRIC DATA 12V

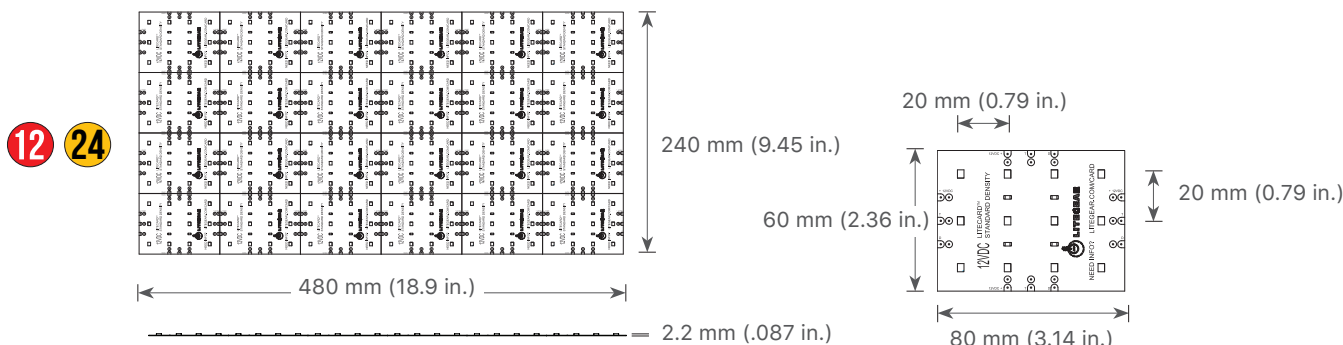
	12 in. FC (spread, in.) W x H	30 cm. Lux (spread, cm.) W x H	24 in. FC (spread, in.) W x H	61 cm Lux (spread, cm.) W x H	36 in. FC (spread, in.) W x H	91 cm. Lux (spread, cm.) W x H	48 in. FC (spread, in.) W x H	122 cm Lux (spread, cm.) W x H	60 in. FC (spread, in.) W x H	152 cm. Lux (spread, cm.) W x H
2600K, 12V	651.6 (29.6x33)	7014 (75 x 84)	162.9 (59.3 x 66.1)	1753 (151 x 168)	40.7 (118.6 x 132.1)	779 (226 x 252)	26.1 (148.2 x 165.2)	438 (438 x 336)	18.1 (177.8 x 198.2)	281 (376 x 420)
4200K, 12V	1350 (30.7 x 34.3)	14531 (78 x 87)	337.5 (61.4 x 68.6)	3633 (156 x 174)	150 (92.2 x 102.8)	1615 (234x261)	84.4 (122.9 x 137.1)	908 (312 x 348)	54 (153.6 x 171.4)	581 (390 x 435)
6000K, 12V	774 (31.8 x 35.6)	8331 (81 x 90)	193.5 (63.7 x 71.2)	2083 (162 x 181)	86 (95.5 x106.7)	926 (243 x 271)	48.4 (127.4 x 142.3)	521 (324 x 362)	31 (159.2 x 177.9)	333 (404 x 452)

Measurements obtained are an average from a random LiteCard Single Cut unit under lab conditions.

## PHOTOMETRIC DATA 24V

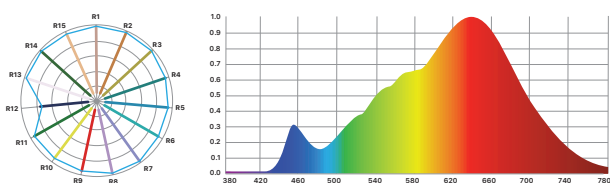
	12 in. FC (spread, in.) W x H	30 cm. Lux (spread, cm.) W x H	24 in. FC (spread, in.) W x H	61 cm Lux (spread, cm.) W x H	36 in. FC (spread, in.) W x H	91 cm. Lux (spread, cm.) W x H	48 in. FC (spread, in.) W x H	122 cm Lux (spread, cm.) W x H	60 in. FC (spread, in.) W x H	152 cm. Lux (spread, cm.) W x H
2600K, 24V	676.8 (33 x 31.8)	7285 (84 x 81)	169.2 (66.1 x 63.7)	1821 (168 x162)	75.2 (99.1 x 95.5)	809 (252 x 243)	42.3 (132.1 x 127.4)	455 (336 x 324)	27.1 (165.2 x 159.2)	291 (420 x 404)
4200K, 24V	1461.6 (34.3 x 31.8)	15733 (87 x 81)	365.4 (68.6 x 63.7)	3933 (174 x 162)	162.4 (102.8 x 95.5)	1748 (261 x 243)	983 (348 x 324)	629 (435 x 404)	58.5 (171.4 x 159.2)	437 (522 x 485)
6000K, 24V	813.6 (35.6 x 33)	8758 (90x84)	203.4 (71.2 x 66.1)	2189 (181 x 168)	90.4 (106.7 x 99.1)	973 (271 x 252)	50.9 (142.3 x 132.1)	547 (362 x336)	32.5 (177.9 x 165.2)	350 (452x420)

Measurements obtained are an average from a random LiteCard Single Cut unit under lab conditions.

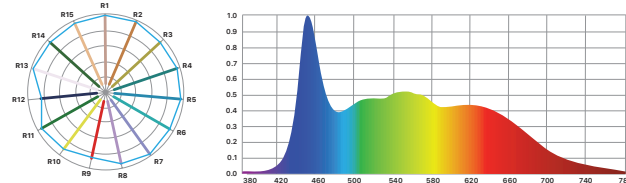


## COLOR RENDERING INDEX

### Tungsten



### DayLight



## ACCESSORIES

### Control

LD-PRO-HYBRID	LiteDimmer Hybrid 8A
LD-PRO-HYBRID-HICAP	LiteDimmer Hybrid 16A

### Power Supply

PS-12V-8A-F-UL	Power Supply, Desktop, 12V DC, 8A, 96W
PS-12V-16A-PH	Power Supply, Desktop, 12V DC, 16A, 240W

### Cable Extension

CA-PH3-EXT-12F-FLAT-B	Phoenix-3 Extension Cable, 12 ft.
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