

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 to create large arrays of LiteRibbon quickly. 100W (50W Tungsten and 50W Daylite).



12 SPECIFICATIONS, 12V DC

Product Name: LiteCard Cinema Single Cut, 12V DC
Item Number: LC-SINGLECUT-12
Optical System: Flexible LED tape
Color Name: Cinema Hybrid
Power: 100W
Voltage Input: 12V DC nominal (8-13.5V DC constant voltage)
Current: 8.33A
CCT: Hybrid 2600K (+/-100K), 6000K (+/-100K)
CRI: 95+ (Tungsten), 95+ (Daylite)
TLCI: 95 (Tungsten), 97 (Daylite)
Beam Angle: 120°
Lumens (lm) Whites: TBD (Tungsten), TBD (Daylite)
Weight: 0.43 lb. (.16 kg)
PCB Dimensions: 240 mm (9.45 in.) x 480 mm (18.90 in.)
Card Overall Thickness: 2.2 mm (0.087 in.)
Segment Dimensions: 20 mm (.79 in.) x 20 mm (1.96 in.)
Segments per Card: 288
Total LED Quantity: 576
LEDs per Cut Segment: 2
LED Spacing: 20 mm (0.79 in.)
Dimming Range: 0-100%
Operating Temperature: -20°C to +50°C (68°F to +122°F)
Connector: Bare Wire
Mounting: Adhesive backing
LED Lifetime: 50,000 Hrs
IP Rating: 20
Certifications: UL Listed (Canada/US), CE Compliant (Europe)

24 SPECIFICATIONS, 24V DC

Product Name: LiteCard Cinema Single Cut, 24V DC
Item Number: LC-SINGLECUT-24
Optical System: Flexible LED tape
Color Name: Cinema Hybrid
Power: 100W
Voltage Input: 24V DC nominal (20-25.5V DC constant voltage)
Current: 4.17A
CCT: Hybrid 2600K (+ / - 100K), 6000K (+/-100K)
CRI: 95+ (Daylite), 95+ (Tungsten)
TLCI: 95 (Daylite), 97 (Tungsten)
Beam Angle: 120°
Lumens (lm) Whites: TBD (Tungsten), TBD (Daylite)
Weight: 0.43 lb. (.16 kg)
PCB Dimensions: 240 mm (9.45 in.) x 480 mm (18.90 in.)
Card Overall Thickness: 2.2 mm (0.087 in.)
Segment Dimensions: 20 mm (1.96 in.) x 20 mm (.79 in.)
Segments per Card: 288
Total LED Quantity: 576
LEDs per Cut Segment: 2
LED Spacing: 20 mm (0.79 in.)
Dimming Range: 0-100%
Operating Temperature: -20°C to +50°C (68°F to +122°F)
Connector: Bare Wire
Mounting: Adhesive backing
LED Lifetime: 50,000 Hrs
IP Rating: 20
Certifications: UL Listed (Canada/US), CE Compliant (Europe)

PHOTOMETRIC DATA 12V

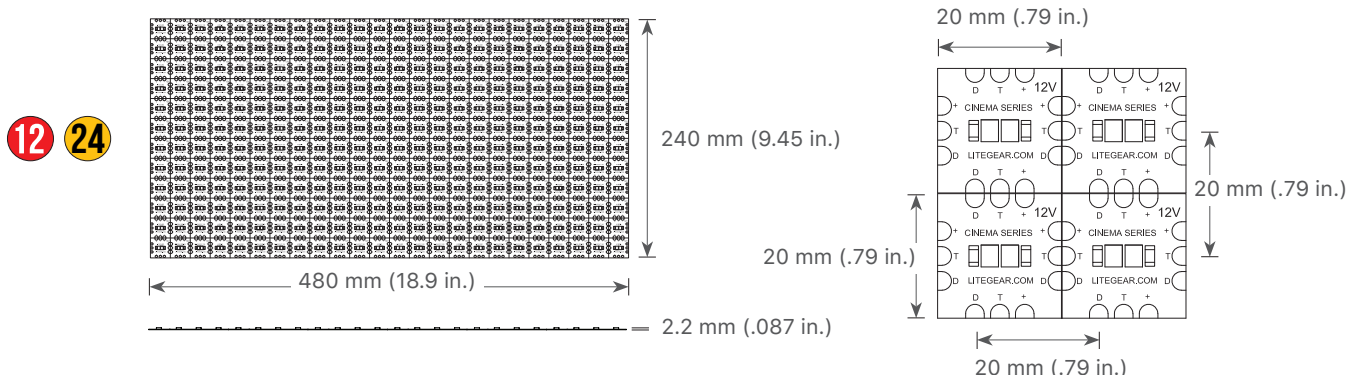
	12 in. FC (spread, in.) W x H	30 cm. Lux (spread, cm.) W x H	24 in. FC (spread, in.) W x H	61 cm Lux (spread, cm.) W x H	36 in. FC (spread, in.) W x H	91 cm. Lux (spread, cm.) W x H	48 in. FC (spread, in.) W x H	122 cm Lux (spread, cm.) W x H	60 in. FC (spread, in.) W x H	152 cm. Lux (spread, cm.) W x H
2600K, 12V	1656 (29.6 x 33)	17825 (75 x 84)	414 (59.3 x 66.1)	4456 (151 x 168)	184 (88.9 x 99.1)	1981 (226 x 252)	103.5 (118.6 x 132.1)	1114 (301 x 336)	66.2 (148.2 x 165.2)	713 (376 x 420)
4200K, 12V	3200.4 (31.8 x 33.0)	34449 (94 x 75)	800.1 (63.7 x 66.1)	8612 (162 x 168)	355.6 (95.5 x 99.1)	3828 (243 x 252)	200 (159.2 x 165.2)	2153 (324 x 336)	128 (159.2 x 165.2)	1378 (404 x 420)
6000K, 12V	1879.2 (33 x 34.3)	20228 (84 x 87)	469.8 (66.1 x 68.6)	5057 (168 x 174)	208.8 (99.1 x 102.8)	2248 (252 x 261)	117.5 (132.1 x 137.1)	1264 (336 x 348)	75.2 (165.2 x 171.4)	809 (420 x 435)

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

PHOTOMETRIC DATA 24V

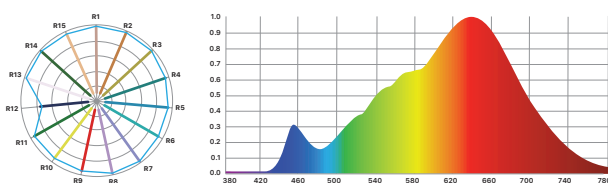
	12 in. FC (spread, in.) W x H	30 cm. Lux (spread, cm.) W x H	24 in. FC (spread, in.) W x H	61 cm Lux (spread, cm.) W x H	36 in. FC (spread, in.) W x H	91 cm. Lux (spread, cm.) W x H	48 in. FC (spread, in.) W x H	122 cm Lux (spread, cm.) W x H	60 in. FC (spread, in.) W x H	152 cm. Lux (spread, cm.) W x H
2600K, 24V	1324.8 (33 x 33)	14260 (84 x 84)	331.2 (66.1 x 66.1)	3565 (168 x 168)	147.2 (99.1 x 99.1)	1584 (252 x 252)	82.8 (132.1 x 132.1)	891 (336 x 336)	53 (165.2 x 165.2)	570 (420 x 420)
4200K, 24V	2883.6 (34.3 x 34.3)	31039 (87 x 87)	720.9 (68.6 x 68.6)	7760 (174 x 174)	320.4 (102.8 x 102.8)	3449 (261 x 261)	180.2 (137.1 x 137.1)	1940 (348 x 348)	115.3 (171.4 x 171.4)	1242 (435 x 435)
6000K, 24V	1638 (37 x 35.6)	17631 (94 x 90)	409.5 (73.9 x 71.2)	4408 (188 x 181)	182 (110.9 x 106.7)	1959 (282 x 271)	102.4 (147.8 x 142.3)	1102 (375 x 362)	65.5 (184.8 x 177.9)	705 (469 x 452)

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

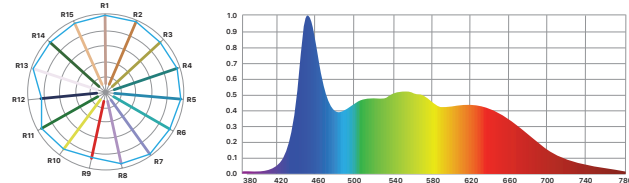


COLOR RENDERING INDEX

Tungsten



DayLite



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.
-----------------------	-----------------------------------