

The Cinema Series of LED LiteRibbon is the single best applied phosphor LED product available in the industry. With staggering CRI and full-spectrum output, the Cinema Series is 30% brighter than the previous VHO Pro LiteRibbon. This all-new LiteRibbon proudly joins the LiteGear Cinema family of unified color-space products including S2 LiteMat, LiteMat Plus, and LiteTile Plus.



12 SPECIFICATIONS, 12V DC

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|---|
| Product Name: LiteRibbon Cinema Hybrid, X5 12V DC, 1 m |
| Item Number: LR-CS-12-TUN-HD-X5 |
| Optical System: Flexible LED tape |
| Color Name: Cinema Hybrid |
| Power: 100W (total potential power per roll) |
| Voltage Input: 12V DC nominal (8-13.5V DC constant voltage) |
| Current: 8.33A (total potential current per 1 meter roll) |
| CCT: 2600K (+/-100K) |
| CRI: 95 |
| TLCI: 98 |
| Beam Angle: 120° |
| Lumens: 7859.9 |
| Weight: 0.9 kg. (3.1oz.) (with input lead) |
| Width: 41.65 mm (0.47 in.) |
| Length: 1 m (39 in.) |
| Ribbon Overall Thickness: 1.5 mm (0.06 in.) |
| Cut Segment Length: 50 mm (1.96 in.) |
| Cut Segments per Meter: 20 |
| Total LED Quantity: 600 |
| LEDs per Meter: 600 |
| LEDs per Cut Segment: 30 |
| LED Spacing: 8.3 mm (0.33 in.) Center to Center |
| Dimming Range: 0-100% |
| Operating Temperature: -20°C to +50°C (68°F to +122°F) |
| Connector: Phoenix 3-Female |
| Mounting: PSA backing |
| LED Lifetime: 50,000 Hrs |
| IP Rating: 20 |
| Certifications: UL Listed (Canada/US), CE Compliant (Europe) |

24 SPECIFICATIONS, 24V DC

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|---|
| Product Name: LiteRibbon Cinema Hybrid, X5 24V DC, 2 m |
| Item Number: LR-CS-24-TUN-HD-X5 |
| Optical System: Flexible LED tape |
| Color Name: Cinema Hybrid |
| Power: 200W (total potential power per roll) |
| Voltage Input: 24V DC nominal (16-26V DC constant voltage) |
| Current: 8.33A (total potential current per 2 meter roll) |
| CCT: 2600K (+ / - 100K) |
| CRI: 95 |
| TLCI: 98 |
| Beam Angle: 120° |
| Lumens: 7890.4 |
| Weight: 0.9 kg. (3.1oz.) (with input lead) |
| Width: 41.65 mm (0.47 in.) |
| Length: 2 m (78 in) |
| Ribbon Overall Thickness: 1.5 mm (0.06 in.) |
| Cut Segment Length: 100 mm (3.94 in.) |
| Cut Segments per Meter: 10 |
| Total LED Quantity: 1200 |
| LEDs per Meter: 600 |
| LEDs per Cut Segment: 60 |
| LED Spacing: 8.3 mm (0.33 in.) Center to Center |
| Dimming Range: 0-100% |
| Operating Temperature: -20°C to +50°C (68°F to +122°F) |
| Connector: Phoenix 3-Female |
| Mounting: PSA 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.) | 30 cm. Lux (spread, cm.) | 24 in. FC (spread, in.) | 61 cm Lux (spread, cm.) | 36 in. FC (spread, in.) | 91 cm. Lux (spread, cm.) | 48 in. FC (spread, in.) | 122 cm Lux (spread, cm.) | 60 in. FC (spread, in.) | 152 cm. Lux (spread, cm.) |
|------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|---------------------------------|
| 2600K, 12V | 886.4 (37x28.6) | 9541 (94x73) | 221.6 (73.9x57.2) | 2385 (188x145) | 98.5 (110.9x85.8) | 1060 (282x218) | 55.4 (147.8x114.4) | 596 (375x291) | 35.5 (184.8x143) | 382 (488x363) |

PHOTOMETRIC DATA 24V

| | 12 in. FC (spread, in.) | 30 cm. Lux (spread, cm.) | 24 in. FC (spread, in.) | 61 cm Lux (spread, cm.) | 36 in. FC (spread, in.) | 91 cm. Lux (spread, cm.) | 48 in. FC (spread, in.) | 122 cm Lux (spread, cm.) | 60 in. FC (spread, in.) | 152 cm. Lux (spread, cm.) |
|------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|---------------------------------|
| 2600K, 24V | 1177.6 (35.6x26.7) | 12676 (90x68) | 294.4 (71.2x53.3) | 3169 (181x135) | 130.8 (106.7x80) | 1408 (271x203) | 73.6 (142.3x106.6) | 792 (271x203) | 47.1 (177.9x133.3) | 507 (452x339) |

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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