

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

<b>Product Name:</b> LiteRibbon Cinema Deep Amber, X1 12V DC, 5 m
<b>Item Number:</b> LR-CS-12-AMB-HD-X1
<b>Optical System:</b> Flexible LED tape
<b>Color Name:</b> Cinema Deep Amber
<b>Power:</b> 100W (total potential power per 5 meter roll)
<b>Voltage Input:</b> 12V DC nominal (8-13.5V DC constant voltage)
<b>Current:</b> 8.33A (total potential current per 5 meter roll)
<b>Wavelength:</b> 590~595nm
<b>CRI:</b> N/A
<b>TLCI:</b> N/A
<b>Beam Angle:</b> 120°
<b>Lumens per Meter:</b> 382.5
<b>Weight:</b> 0.9 kg. (3.1oz.) (with input lead)
<b>Width:</b> 10 mm (0.47 in.)
<b>PCB Length:</b> 5 m (16.4 ft)
<b>Ribbon Overall Thickness:</b> 1.5 mm (0.06 in.)
<b>Cut Segment Length:</b> 50 mm (1.96 in.)
<b>Cut Segments per Meter:</b> 20
<b>Total LED Quantity:</b> 600
<b>LEDs per Meter:</b> 120
<b>LEDs per Cut Segment:</b> 6
<b>LED Spacing:</b> 8.3 mm (0.33 in.) Center to Center
<b>Dimming Range:</b> 0-100%
<b>Operating Temperature:</b> -20°C to +50°C (68°F to +122°F)
<b>Connector:</b> Phoenix 3-Female
<b>Mounting:</b> PSA 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> LiteRibbon Cinema Deep Amber, X1 24V DC, 5 m
<b>Item Number:</b> LR-CS-24-AMB-HD-X1
<b>Optical System:</b> Flexible LED tape
<b>Color Name:</b> Cinema Deep Amber
<b>Power:</b> 100W (total potential power per 5 meter roll)
<b>Voltage Input:</b> 24V DC nominal (16-26V DC constant voltage)
<b>Current:</b> 4.17A (total potential current per 5 meter roll)
<b>Wavelength:</b> 590~595nm
<b>CRI:</b> N/A
<b>TLCI:</b> N/A
<b>Beam Angle:</b> 120°
<b>Lumens per Meter:</b> 364.1
<b>Weight:</b> 0.9 kg. (3.1oz.) (with input lead)
<b>Width:</b> 10 mm (0.47 in.)
<b>Length:</b> 5 m (16.4 ft)
<b>Ribbon Overall Thickness:</b> 1.5 mm (0.06 in.)
<b>Cut Segment Length:</b> 100 mm (3.94 in.)
<b>Cut Segments per Meter:</b> 10
<b>Total LED Quantity:</b> 600
<b>LEDs per Meter:</b> 120
<b>LEDs per Cut Segment:</b> 12
<b>LED Spacing:</b> 8.3 mm (0.33 in.) Center to Center
<b>Dimming Range:</b> 0-100%
<b>Operating Temperature:</b> -20°C to +50°C (68°F to +122°F)
<b>Connector:</b> Phoenix 3-Female
<b>Mounting:</b> PSA 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.)	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.)
Deep Amber	92.8 (43.3x24)	999 (110x61)	23.2 (86.6x48)	250 (220x122)	10.3 (129.9x72)	111 (330x183)	5.8 (173.2x96)	62 (440x244)	3.7 (216.5x120)	40 (550x305)

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	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.)
Deep Amber	1085 (106x75)		271 (211x151)		121 (317x226)		68 (422x301)		43 (528x376)	

### 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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