

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

Product Name: LiteRibbon Cinema Pure Red, X1 12V DC, 5 m
Item Number: LR-CS-12-RED-HD-X1
Optical System: Flexible LED tape
Color Name: Cinema Pure Red
Power: 100W (total potential power per 5 meter roll)
Voltage Input: 12V DC nominal (8-13.5V DC constant voltage)
Current: 8.33A (total potential current per 5 meter roll)
Wavelength: 620~625nm
CRI: N/A
TLCI: N/A
Beam Angle: 120°
Lumens per Meter: 401.2
Weight: 0.9 kg. (3.1oz.) (with input lead)
Width: 10 mm (0.47 in.)
Length: 5 m (16.4 ft)
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: 120
LEDs per Cut Segment: 6
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

Product Name: LiteRibbon Cinema Pure Red, X1 24V DC, 5 m
Item Number: LR-CS-12-RED-HD-X1
Optical System: Flexible LED tape
Color Name: Pure Red
Power: 100W (total potential power per 5 meter roll)
Voltage Input: 24V DC nominal (16-26V DC constant voltage)
Current: 4.17A (total potential current per 5 meter roll)
Wavelength: 620~625nm
CRI: N/A
TLCI: N/A
Beam Angle: 120°
Lumens per Meter: 422.3
Weight: 0.9 kg. (3.1oz.) (with input lead)
Width: 10 mm (0.47 in.)
Length: 5 m (16.4 ft)
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: 600
LEDs per Meter: 120
LEDs per Cut Segment: 12
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.)
Pure Red	78.4 (45.1x35.6)	844 (115x90)	19.6 (90.3x71.2)	211 (229x181)	8.7 (135.4x106.7)	94 (344x271)	4.9 (180.5x142.3)	53 (459x362)	3.1 (225.7x177.9)	34 (573x452)

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.)
Pure Red	88 (45.1x34.3)	947 (115x87)	22 (90.3x68.6)	237 (229x174)	9.8 (135.4x102.8)	105 (344x261)	5.5 (180.5x137.1)	59 (459x348)	3.5 (225.7x171.4)	38 (573x435)

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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