

LITERIBBON CINEMA SERIES

TUNGSTEN X6

September 2020

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.







Product Name: LiteRibbon Cinema Tungsten, X6 12V DC, .5 m

Item Number: LR-CS-12-TUN-HD-X6 Optical System: Flexible LED tape

Power: 60W (total potential power per .5 meter roll)

Voltage Input: 12V DC nominal (8-13.5V DC constant voltage)

Current: 5A (total potential current per .5 meter roll)

CCT: 2600K (+/-100K)

Color Name: Cinema Tungsten

CRI: 95 **TLCI:** 98

Beam Angle: 120°

Lumens: 9275

Weight: 0.9 kg. (3.1oz.) (with input lead)

Width: 50 mm (0.47 in.) Length: .5 m (19 in.)

Ribbon Overall Thickness: 1.5 mm (0.06 in.)

Cut Segment Length: 50 mm (1.96 in.)

Cut Segments per Meter: 10 Total LED Quantity: 360 LEDs per Meter: 360

LEDs per Cut Segment: 36 **LED Spacing:** 8.3 mm (0.33 in.)

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)



Product Name: LiteRibbon Cinema Tungsten, X6 24V DC, 1 m

Item Number: LR-CS-24-TUN-HD-X6 Optical System: Flexible LED tape

Color Name: Cinema Tungsten

Power: 120W (total potential power per 1 meter roll)

Voltage Input: 24V DC nominal (16-26V DC constant voltage)

Current: 5A (total potential current per 1 meter roll)

CCT: 2600K (+ / - 100K)

CRI: 95 **TLCI:** 98

Beam Angle: 120° Lumens: 9464.3

Weight: 0.9 kg. (3.1oz.) (with input lead)

Width: 50 mm (0.47 in.) Length: 1 m (39 in.)

Ribbon Overall Thickness: 1.5 mm (0.06 in.)

Cut Segment Length: 50 mm (3.94 in.)

Cut Segments per Meter: 20 Total LED Quantity: 720

LEDs per Meter: 720

LEDs per Cut Segment: 36 **LED Spacing:** 8.3 mm (0.33 in.)

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)















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660 700 740

PHOTOMETRIC DATA 12V

	12 in.	30 cm.	24 in.	61 cm	36 in.	91 cm.	48 in.	122 cm	60 in.	152 cm.
	FC	Lux	FC	Lux	FC	Lux	FC	Lux	FC	Lux
	(spread, in.)	(spread, cm.)	(spread, in.)	(spread, cm.)	(spread, in.)	(spread, cm.)	(spread, in.)	(spread, cm.)	(spread, in.)	(spread, cm.)
2600K, 12V	686.4 (29.6x27.6)	7388 (75x70)	171.6 (59.3x55.2)	1847 (151x140)	76.3 (88.9x82.8)	821 (226x210)	42.9 (118.6x110.4)	462 (301x281)	27.5 (148.2x138)	296 (376x351)

PHOTOMETRIC DATA 24V

	12 in.	30 cm.	24 in.	61 cm	36 in.	91 cm.	48 in.	122 cm	60 in.	152 cm.
	FC	Lux								
	(spread, in.)	(spread, cm.)								
2600K, 24V	1177.6	12676	294.4	3169	130.8	1408	73.6	792	47.1	507
	(35.6x26.7)	(90x68)	(71.2x53.3)	(181x135)	(106.7x80)	(271x203)	(142.3x106.6)	(362x271)	(177.9x133.3)	(452x339)

ACCESSORIES

Control

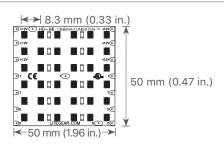
LD-PRO-HYBRID	LiteDimmer Hybrid 8A
LD-PRO-HYBRID-HICAP	LiteDimmer Hybrid 16A

Power Supply

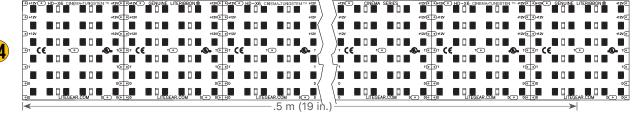
PS-12V-8A-F-UL	Power Supply, Desktop, 12V DC, 8A, 96W
PS-12V-16A-PH	Power Supply, Desktop, 12V DC, 16A, 240W

Cable Extension

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



12 24 _____ 1.5 mm (.06 in.)





0.8 0.7 0.6







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