

# **LITERIBBON** CINEMA SERIES

## TUNGSTEN XE

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.





### SPECIFICATIONS, 12V DC

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)



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)















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#### **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	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.	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)	(271x203)	(177.9x133.3)	(452x339)

#### **ACCESSORIES**

#### Control

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

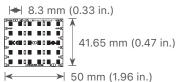
#### **Power Supply**

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.



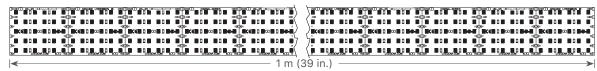




**<**−100 mm (3.92 in.)→

\_\_\_\_ = 1.5 mm (.06 in.)





**TUNGSTEN — SPECTRAL DISTRIBUTION** 

