LITEGEAR™

LITERIBBON CINEMA SERIES

DAYLITE X4

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.

12 SPECIFICATIONS, 12V DC

Product Name: LiteRibbon Cinema Daylite, X4 12V DC, 1.25 m

Item Number: LR-CS-12-DAY-HD-X4

Optical System: Flexible LED tape

Color Name: Cinema Daylite

Power: 100W (total potential power per 1.25 meter roll)

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

Current: 8.33A (total potential current per 1.25 meter roll)

CCT: 6000K (+/–100K)

CRI: 95

TLCI: 98

Beam Angle: 120°

Lumens (lm) Whites: 7731.9

Weight: .09 kg. (3.1 oz.) (with input lead)

Width: 33.2 mm (1.3 in.)

Length: 1.25 m (4.1 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: 480

LEDs per Cut Segment: 24

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 Daylite, X4 24V DC, 2.5 m

Item Number: LR-CS-24-DAY-HD-X4

Optical System: Flexible LED tape

Color Name: Cinema Daylite

Power: 200W (total potential power per 2.5 meter roll)

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

Current: 8.33A (total potential current per 2.5 meter roll)

CCT: 6000K (+/–100K)

CRI: 95

TLCI: 98

Beam Angle: 120°

Lumens (lm) Whites: 7654.9

Weight: .09 kg. (3.1 oz.) (with input lead)

Width: 33.2 mm (1.3 in.)

Length: 2.5 m (8.2 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: 1200

LEDs per Meter: 480

LEDs per Cut Segment: 24

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)

X1 X2 X3 **X4** X5 X6

LED LITE RIBBON CINEMA

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.)
6000K, 12V	918.4 (39.9x29.6)	9886 (101x75)	229.6 (79.9x59.3)	2471 (203x151)	102 (119.8x88.9)	1098 (304x226)	57.4 (159.8x118.6)	618 (406x301)	36.7 (199.7x148.2)	395 (507x376)

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.)
6000K, 24V	1140.8 (39.9x26.7)	12279 (101x68)	285.2 (79.9x53.3)	3070 (203x135)	126.8 (119.8x80)	1364 (304x203)	71.3 (159.8x106.6)	767 (406x271)	45.6 (199.7x133.3)	491 (507x339)

ACCESSORIES

Control

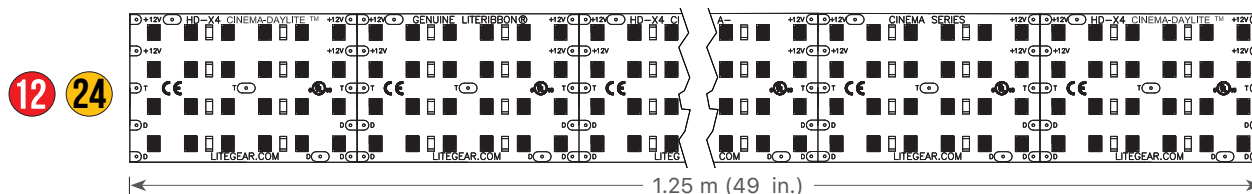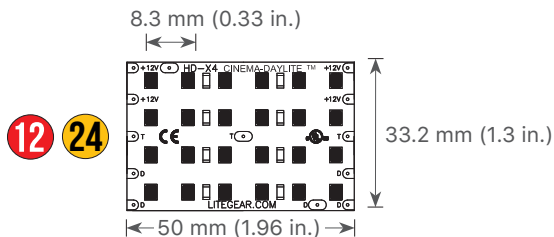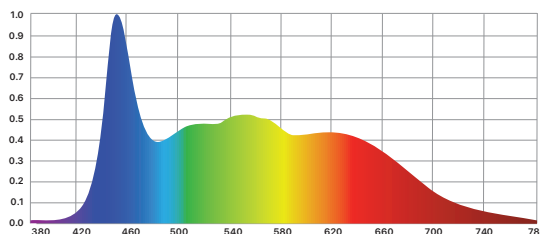|	
LD-PRO-HYBRID	LiteDimmer Hybrid 8A
LD-PRO-HYBRID-HICAP	LiteDimmer Hybrid 16A

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.

DAYLITE — SPECTRAL DISTRIBUTION

8.3 mm (0.33 in.)

33.2 mm (1.3 in.)

50 mm (1.96 in.)

1.5 mm (.06 in.)

1.25 m (49 in.)

X1 X2 X3 **X4** X5 X6