The LiteGear Studio Series of LED LiteRibbon, is an affordable, color-correct, studio-grade material designed for high volume installations across multiple departments. Its primary focus is on affordability. Rest assured that Studio Series is genuine LiteRibbon, back by LiteGear with the rock-solid reliability you'd expect.

12 SPECIFICATIONS, 12V DC

Product Name: LiteRibbon Studio Tungsten, X1 12V DC, 5 m

Item Number: LRS-120-X1-TUN-5M-12V

Optical System: Flexible LED tape

Color Name: Cinema Tungsten

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)

CCT: 3000K (+/–100K)

CRI: 95

TLCI: 95

Beam Angle: 120°

Lumens: 1456.8

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

Width: 10 mm (0.47 in.)

Length: 5 m (16.4 ft) or 20 m (65.6 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 Studio Tungsten, X1 24V DC, 5 m

Item Number: LRS-120-X1-TUN-5M-24V

Optical System: Flexible LED tape

Color Name: Cinema Tungsten

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)

CCT: 3000K (+/–100K)

CRI: 95

TLCI: 95

Beam Angle: 120°

Lumens: 1625.6

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

Width: 10 mm (0.47 in.)

Length: 5 m (16.4 ft) or 20 m (65.6 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)

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.)
3000K, 12V	257.6 (35.6x30.7)	2773 (90x78)	64.6 (71.2x61.4)	693 (181x156)	28.6 (106.7x92.2)	308 (271x234)	16.1 (142.3x122.9)	173 (362x312)	10.3 (177.9x153.6)	111 (452x390)

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.)
3000K, 24V	307.2 (35.6x27.6)	3307 (90x70)	76.8 (71.2x55.2)	827 (181x140)	34.1 (106.7x82.8)	367 (271x210)	19.2 (142.3x110.4)	207 (362x281)	12.3 (177.9x138)	132 (452x351)

ACCESSORIES

Control

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

Power Supply

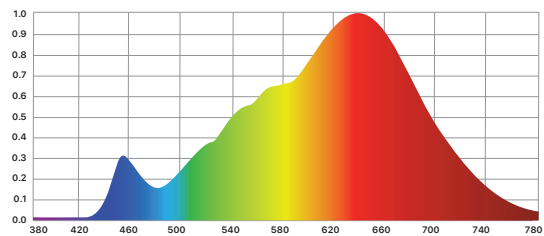|	
PS-12V-8A-F-UL	Power Supply, Desktop, 12V DC, 8A, 96W
PS-12V-16A-PH	Power Supply, Desktop, 12V DC, 16A, 240W

Cable Extension

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

TUNGSTEN — SPECTRAL DISTRIBUTION

8.3 mm (0.33 in.)

12 120-X1 STUDIO TUNGSTEN ™ 12VDC LITEGEAR.COM 12VDC
10 mm (0.47 in.)
50 mm (1.96 in.)

24 120-X1 STUDIO TUNGSTEN ™ GENUINE LITERIBBON ® 24VDC LITEGEAR.COM LITEGEAR.COM 24VDC
100 mm (3.94 in.)

12 **24** 1.5 mm (0.06 in.)

12 **24** 120-X1 STUDIO TUNGSTEN ™ GENUINE LITERIBBON ® 120-X1 STUDIO TUNGSTEN ™ GENUINE LITERIBBON ® 12VDC LITEGEAR.COM 12VDC 12VDC LITEGEAR.COM 12VDC 12VDC LITEGEAR.COM 12VDC
5 m (196.8 in.)

X1 **X2** **X3** **X4** **X5** **X6**

LED LITE RIBBON CINEMA