

LiteRibbon Studio Series is an affordable, color-correct, studio-grade material designed for high volume installations across multiple departments with it's primary focus on affordability. Rest assured that Studio Series is genuine LiteRibbon with the rock-solid reliability you've come to expect from LiteGear.



## 12 SPECIFICATIONS, 12V DC

<b>Product Name:</b> LiteRibbon Studio Tungsten, X1 12V DC, 5 m
<b>Item Number:</b> LRS-120-X1-TUN-5M-12V
<b>Optical System:</b> Flexible LED tape
<b>Color Name:</b> Cinema Tungsten
<b>Power:</b> 100W (total potential power per 5 meter roll)
<b>Voltage Input:</b> 12V DC nominal (8-13.5V DC constant voltage)
<b>Current:</b> 8.33A (total potential current per 5 meter roll)
<b>CCT:</b> 3000K (+/-100K)
<b>CRI:</b> 95
<b>TLCI:</b> 95
<b>Beam Angle:</b> 120°
<b>Lumens:</b> 1456.8
<b>Weight:</b> 0.9 kg. (3.1oz.) (with input lead)
<b>Width:</b> 10 mm (0.47 in.)
<b>Length:</b> 5 m (16.4 ft) or 20 m (65.6 ft)
<b>Ribbon Overall Thickness:</b> 1.5 mm (0.06 in.)
<b>Cut Segment Length:</b> 50 mm (1.96 in.)
<b>Cut Segments per Meter:</b> 20
<b>Total LED Quantity:</b> 600
<b>LEDs per Meter:</b> 120
<b>LEDs per Cut Segment:</b> 6
<b>LED Spacing:</b> 8.3 mm (0.33 in.) Center to Center
<b>Dimming Range:</b> 0-100%
<b>Operating Temperature:</b> -20°C to +50°C (68°F to +122°F)
<b>Connector:</b> Phoenix 3-Female
<b>Mounting:</b> PSA backing
<b>LED Lifetime:</b> 50,000 Hrs
<b>IP Rating:</b> 20
<b>Certifications:</b> UL Listed (Canada/US), CE Compliant (Europe)

## 24 SPECIFICATIONS, 24V DC

<b>Product Name:</b> LiteRibbon Studio Tungsten, X1 24V DC, 5 m
<b>Item Number:</b> LRS-120-X1-TUN-5M-24V
<b>Optical System:</b> Flexible LED tape
<b>Color Name:</b> Cinema Tungsten
<b>Power:</b> 100W (total potential power per 5 meter roll)
<b>Voltage Input:</b> 24V DC nominal (16-26V DC constant voltage)
<b>Current:</b> 4.17A (total potential current per 5 meter roll)
<b>CCT:</b> 3000K (+/-100K)
<b>CRI:</b> 95
<b>TLCI:</b> 95
<b>Beam Angle:</b> 120°
<b>Lumens:</b> 1625.6
<b>Weight:</b> 0.9 kg. (3.1oz.) (with input lead)
<b>Width:</b> 10 mm (0.47 in.)
<b>Length:</b> 5 m (16.4 ft) or 20 m (65.6 ft)
<b>Ribbon Overall Thickness:</b> 1.5 mm (0.06 in.)
<b>Cut Segment Length:</b> 100 mm (3.94 in.)
<b>Cut Segments per Meter:</b> 10
<b>Total LED Quantity:</b> 600
<b>LEDs per Meter:</b> 120
<b>LEDs per Cut Segment:</b> 12
<b>LED Spacing:</b> 8.3 mm (0.33 in.) Center to Center
<b>Dimming Range:</b> 0-100%
<b>Operating Temperature:</b> -20°C to +50°C (68°F to +122°F)
<b>Connector:</b> Phoenix 3-Female
<b>Mounting:</b> PSA backing
<b>LED Lifetime:</b> 50,000 Hrs
<b>IP Rating:</b> 20
<b>Certifications:</b> 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.)
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

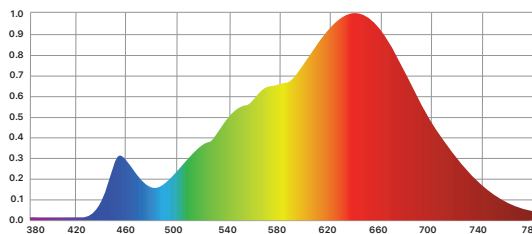
PS-12V-8A-F-UL Power Supply, Desktop, 12V DC, 8A, 96W

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.)

