

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

<b>Product Name:</b> LiteRibbon Studio Hybrid, X1 12V DC, 5 m
<b>Item Number:</b> LRS-120-X1-HY-5M-12V
<b>Optical System:</b> Flexible LED tape
<b>Color Name:</b> Studio Hybrid
<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> Hybrid 3000K (+/-100K), 6000K (+/-100K)
<b>CRI:</b> 95 (Tungsten), 95 (Daylite)
<b>TLCI:</b> 95 (Tungsten), 95 (Daylite)
<b>Beam Angle:</b> 120°
<b>Lumens:</b> 834.9 (Tungsten), 1030.3 (Daylite)
<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 Hybrid, X1 24V DC, 5 m
<b>Item Number:</b> LRS-120-X1-HY-5M-24V
<b>Optical System:</b> Flexible LED tape
<b>Color Name:</b> Studio Hybrid
<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> Hybrid 3000K (+/-100K), 6000K (+/-100K)
<b>CRI:</b> 95 (Daylite), 95 (Tungsten)
<b>TLCI:</b> 95 (Daylite), 95 (Tungsten)
<b>Beam Angle:</b> 120°
<b>Lumens:</b> 821.6 (Tungsten), 1012.4 (Daylite)
<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	256 (35.6x28.6)	2756 (90x73)	64 (71.2x28.6)	689 (181x145)	28.4 (106.7x85.8)	306 (271x218)	16 (142.3x114.4)	172 (362x291)	10.2 (177.9x143)	110 (452x363)
4190K, 12V	294.4 (37x28.6)	3169 (94x73)	73.6 (73.9x57.2)	792 (188x145)	32.7 (110.9x85.8)	352 (282x218)	18.4 (147.8x114.4)	198 (375x291)	11.8 (184.8x143)	127 (469x363)
6000K, 12V	310.4 (37x28.6)	3341 (94x73)	77.6 (73.9 x 57.2)	835 (188x145)	34.5 (110.9x85.8)	371 (282x218)	19.4 (147.8x114.4)	209 (375x291)	12.4 (184.8x143)	134 (469x363)

### 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	265.6 (35.6x27.6)	2859 (90x70)	66.4 (71.2x55.2)	715 (181x140)	29.5 (106.7x82.8)	318 (271x210)	16.6 (142.3x110.4)	179 (362x281)	10.6 (177.9x138)	114 (452x351)
4190K, 24V	328 (35.6x26.7)	3531 (90x68)	82 (71.2x53.3)	883 (181x135)	36.4 (106.7x80)	392 (271x203)	20.5 (142.3x106.6)	221 (362x271)	13.1 (177.9x133.3)	141 (452x339)
6000K, 24V	304 (37x27.6)	3272 (94x70)	76 (73.9x55.2)	818 (188x140)	33.8 (110.9x82.8)	364 (282x210)	19 (147.8x110.4)	205 (375x281)	12.2 (184.8x138)	131 (469x351)

### ACCESSORIES

#### Control

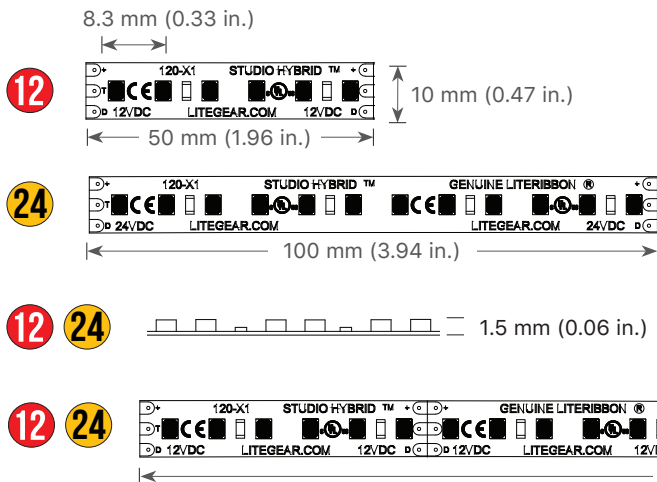
LD-PRO-HYBRID	LiteDimmer Hybrid 8A
LD-PRO-HYBRID-HICAP	LiteDimmer Hybrid 16A

#### Power Supply

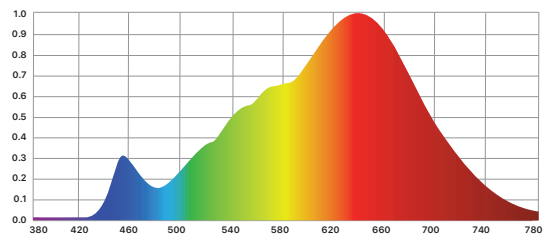
PS-12V-8A-F-UL	Power Supply, Desktop, 12V DC, 8A, 96W
PS-12V-16A-PH	Power Supply, Desktop, 12V DC, 16A, 240W

#### Cable Extension

CA-PH3-EXT-12F-FLAT-B	Phoenix-3 Extension Cable, 12 ft.
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### TUNGSTEN — SPECTRAL DISTRIBUTION



### DAYLITE — SPECTRAL DISTRIBUTION

