

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 Daylite, X1 12V DC, 5 m
Item Number: LRS-120-X1-DAY-5M-12V
Optical System: Flexible LED tape
Color Name: Studio Daylite
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: 6000K (+/-100K)
CRI: 95
TLCI: 95
Beam Angle: 120°
Lumens: 1796.6
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: 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 Daylite, X1 24V DC, 5 m
Item Number: LRS-120-X1-DAY-5M-24V
Optical System: Flexible LED tape
Color Name: Studio Daylite
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: 6000K (+/-100K)
CRI: 95
TLCI: 95
Beam Angle: 120°
Lumens: 1988.9
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)

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	312 (38.4x35.6)	3358 (98x90)	78 (76.8x71.2)	840 (195x181)	34.7 (115.2x106.7)	339 (293x218)	19.5 (153.6x142.3)	210 (390x362)	12.5 (192x177.9)	134 (488x452)

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	369.6 (37x29.6)	3978 (94x75)	92.4 (73.9x59.3)	995 (188x151)	41.1 (110.9x88.9)	442 (282x226)	23.1 (147.8x118.6)	249 (375x301)	14.8 (184.8x148.2)	159 (469x376)

ACCESSORIES

Control

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

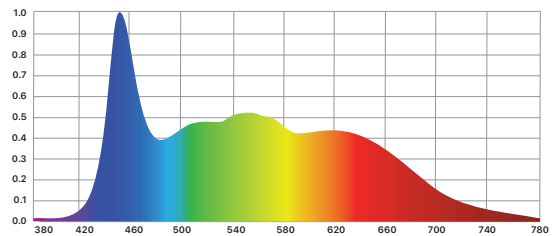
Power Supply

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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DAYLITE — SPECTRAL DISTRIBUTION



8.3 mm (0.33 in.)

