

Date

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Side illuminated

+541

3.040 - 3.0 W/ft (9.8 W/m) 4000K 3.060 - 3.0 W/ft (9.8 W/m) 6000K

154V

Notes

Project

V/

A+Z+

+241

3.0 STATIC WHITE LINEA EDGE RIBBONLYTE

Static White Linea Edge RibbonLyte is a top-bending, sideilluminated LED ribbon that features a "chip on board" design and a special raised coating that delivers diode-free light even without a diffuser lens. A tight pitch of 12 LED chips per inch (480 LEDs/m) ensures that high-CRI Static White Linea Edge RibbonLyte won't show individual diodes in any of four dimmable CCTs (2700K, 3000K, 4000K, 6000K). Optimal uses for Static White Linea Edge RibbonLyte include architectural accent lighting, backlighting for curved surfaces, installations under bars and counters, mirror edges and custom coves.

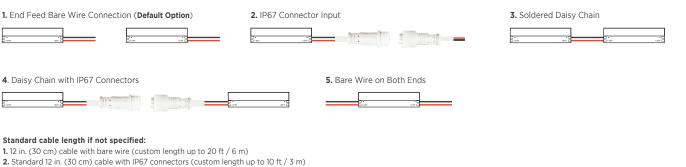
- Side-illuminating LED ribbon
- Diode-free without a fixture
- 3.0 W/ft (9.8 W/m)
- 2700K, 3000K, 4000K, 6000K
- 1.31 in. (33.3 mm) cut lengths
- 65 lm/W
- 189 lm/ft (620 lm/m)
- 45° beam angle
- 90+ CRI
- TM66 assessed



ORDERING GUIDE

Category	CRI	Ribbon Type & IP Rating	Wattage & Color
RB	90	LINEAE20	
RB - RIBBONLYTE	90 - 90+ CRI Static White	LINEAE20 - Linea Edge RibbonLyte IP20	3.027 - 3.0 W/ft (9.8 W/m) 2700K
			3.030 - 3.0 W/ft (9.8 W/m) 3000K

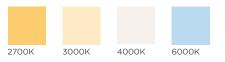
CONNECTION OPTIONS



- 3. Daisy chain with 3 in. (75 mm) cable between runs (custom length up to 36 in. / 90 cm) 4. 3 in. (75 mm) cable between IP67 connector and RibbonLyte (custom length up to 18 in. / 45 cm)
- 5. Standard 12 in. (30 cm) cable with bare wire (custom length up to 10 ft / 3 m on both ends)

Note: IP67 connectors are used for IP20 RibbonLyte

AVAILABLE COLOR TEMPERATURES



Acolyte | Architectural Lighting Solutions



SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

Operating Voltage 24 V Opwer Consumption 24 V Power Consumption 3.0 W/rt (3.8 W/m) LED Pitch 6 Colors Temperatures 2.700K, 3000K, 4000K, 6000K Lumens 6 Efficacy 6 Dimming/Consumption 55 Im/W IED Patch 6 Joint (620 Im/m) 55 Im/W IED Paten Angle 6 Protection Rating 1920 Dimming/Consumption 6 Operating Temperature 4.000K / EUV / DALI Marka Run Length 6.000K / EUV / DALI Mins Bedning Radius 0.000K / EUV / DALI Kortage Temperature 9.000K / EUV / DALI Cartifications UL 2008 Issued: 2006/07 Ech 1 Rev: 2001/00 fLow Voltage Lighting Systems. (SA C222 No. 2500, General Requirements for Luminaires. (SA C222 No. 2500, General Requirements for Luminaires. (SA C222 No. 2500, General Requirements for Luminaires. (SA C222 No. 2500,						
Power ConsumptionConsumption0.0 W/t (9.8 W/m)LED Pitch(146 LEDs/ft (480 LEDs/m)Colors Temperatures2700K, 3000K, 4000K, 6000KLumens(146 LEDs/ft (480 LEDs/m)Efficacy(146 LEDs/ft (480 LEDs/m))Efficacy(147 LED Beam Angle)Protection Rating(147 LED Ream Angle)Dimming/Control(147 LED Ream Angle)Operating Temperature(147 LED Ream Angle)Storage Temberature(147 LED Ream Angle)Cuttable Length(147 LED Ream Angle)Max Run Length(147 LED Ream Angle)Min. Bending Radius(147 LED Ream Angle)Cuttable Length(147 LED Ream Angle)Cuttable Length(148 LED LED Ream Angle)Cuttable Length(147 LED Ream Angle)Lingth Length(148 LED LED Ream Angle)		3.0 STATIC WHITE LINEA EDGE RIBBONLYTE				
LED PitchIntercent of the term of the ter	Operating Voltage	24 V				
Colors TemperaturesColors TemperaturesLumens2700K, 3000K, 4000K, 6000KLumens189 lm/ft (620 lm/m)Efficacy65 lm/WLED Beam Angle45°Protection RatingIP20Dimming/Control0Operating Temperature-4 - 176 °F (-20 - 80 °C)Storage Temberature1.31 in. (33.33 mm)Max Run Length1.31 cm (-1.31 in. (33.33 mm))Min. Bending Radius0Crtifications90 + CRICrtificationsUL 2108 Issued: 2011/06/17 Ect : 1Rev: 2021/10/16 Low Voltage Lighting Systems. CSA C222/20.0, General Requirements for Luminaires. RoHE Compliant. All RibbonLyte models 3.0 W/ft (9.8 W/m) and lower when used in any Acolyte Channel profile except Piccolo are tested by UL and confirmed 'Suitable for Installation in the Storage Area of a Closet' in accordance with NFPA 70 and NEC 410.16 and 411.	Power Consumption	3.0 W/ft (9.8 W/m)				
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Max Run Length16 ft 4 in. (5 m)Min. Bending Radius1.18 in. (30 mm)CRI - All Color Temp.90+ CRICertificationsUL 2108 Issued: 2016/06/17 Ed: 1 Rev: 2021/10/16 Low Voltage Lighting Systems. CSA C22.2 No. 250.0, General Requirements for Luminaires. RoHS compliant. All RibbonLyte models 3.0 W/ft (9.8 W/m) and lower when used in any Acolyte Channel profile except Piccolo are tested by UL and confirmed 'Suitable for Installation in the Storage Area of a Clothes Closet' in accordance with NFPA 70 and NEC 410.16 and 411.	Storage Temberature	-40 - 212 °F (-40 - 100 °C)				
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Certifications Certifications Certifications Certifications Certifications Certifications Constraint Constrain	CRI - All Color Temp.	90+ CRI				
Warranty 3 years	Certifications	CSA C22.2 No. 250.0, General Requirements for Luminaires. RoHS compliant. All RibbonLyte models 3.0 W/ft (9.8 W/m) and lower when used in any Acolyte Channel profile except Piccolo are tested by UL and confirmed				
	Warranty	3 years				

DIMENSIONS	Top View	Side View	Dimensions
IP20	D-24V CUTTABLE EVERY: 1.31 in (33.33 mm)		Width 0.31 in. (8 mm) Max Length 16 ft 4 in. (5 m) Height 0.09 in. (2.2 mm)

OPTIONAL ACCESSORY



0.5 in. (12.7 mm) VHB Tape

Part Number: VHBTAPE0.5BK

Provides superior holding power in surface mounted

Ser.

For mounting IP20 RibbonLyte

Part Number: RBMNTSIL

Flat Mounting Clip

Note: RibbonLyte comes with an adhesive backing, but Acolyte recommends using VHB Tape for extra support in surface mounted applications.

USAGE GUIDELINES

- When installing this product, consider the surface temperature of the material where it will be mounted. Many building surfaces which are exposed to direct sunlight exceed the 80 °C / 176 °F maximum for which our product is rated. High-risk locations like this should be avoided.
- IP20 RibbonLyte products are for indoor use in dry areas.

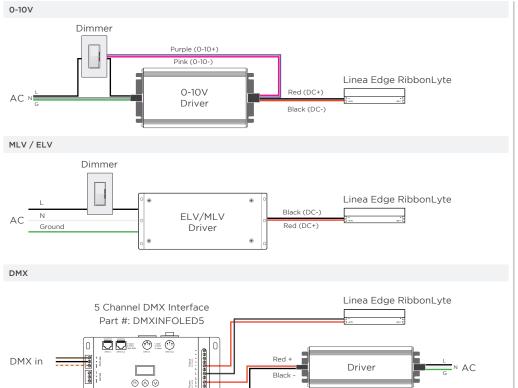
applications

- Please refer to the RibbonLyte Proper Usage Guide in our Application Guide for more information. Available for download at AcolyteLED.com.
- This product is compatible with a wide variety of control products including the entire line of Lutron dimming systems.
- For use with Acolyte drivers, 0-10V dimming modules and interface controllers (DMXINF models).
- · Use with non-Acolyte supplied drivers is not supported or warrantied.
- Due to the nature of RibbonLyte products, cuttable lengths are generally longer or shorter than the customer requested length. Unless specified, RibbonLyte is factory cut at the shorter cuttable point.
- We reserve the right to make changes to product lineup, specifications, design and finishes at any time without notice.

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WIRING DIAGRAMS



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ACTUAL POWER CONSUMPTION

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Length (ft)	Length (m)	Actual Power Consumed (W)	Average Wattage (W/ft)	Average Wattage (W/m)	Actual Current Drawn (A)
5	1.52	14.71	2.94	9.65	0.613
10	3.05	29.08	2.91	9.54	1.212
15	4.57	42.76	2.85	9.35	1.782
20	6.10	55.43	2.77	9.09	2.310
21.3	6.49	56.92	2.67	8.77	2.372

NOTE: Quotes use nominal values. We highly recommend using nominal wattages for all customer calculations. Allow for a 15% buffer (10% driver, 5% fixture) in these calculations as performance may vary. Acolyte is not liable for product performance if these tables are used instead of nominal values when orders are placed.

GLOBAL HQ

320 Murray Hill Pkwy East Rutherford, NJ 07073 U.S.

T: (+1) 212 629 6830 E: Sales-US@GENLEDBrands.com EUROPEAN HQ

Hogeweyselaan 119 1382 JK Weesp Netherlands T: (+31) 346 235 000 E: SalesEurope@GENLEDBrands.com

MEINA HQ

PO Box 371378, #823, Building 4EA Dubai Airport Free Zone Dubai, UAE T: (+971) 4 701 7901 E: SalesMEINA@genledbrands.com

WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE Red Wire (+) Positive Black Wire (-) Negative

REV.06JUN2025

ASIA-PACIFIC HQ

Room 402, Building D Shenshi Tongchuang Science and Technology Park No. 16 Hongyin Road Xingqiang Community, Xinhu Street Guangming District, Shenzhen, China 518107 T: (+86) 755 8529 0710 E: Sales-Pacific@GENLEDBrands.com

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