

3.0 STATIC WHITE XACTA RIBBONLYTE

Xacta RibbonLyte is the most precise RibbonLyte we've ever created. Xacta RibbonLyte lets you cut between any LED to create custom fixtures of any exact length. Available in nine brilliant CCTs (1800K-6000K), dimmable Static White Xacta RibbonLyte offers 92+ CRI and incremental lengths of just 0.2 in. (5 mm). Design custom Xacta RibbonLyte fixtures with Acolyte channel fixtures.

- 0.2 in. (5 mm) incremental length
- 3.0 W/ft (9.8 W/m)
- 9 white color temperatures
- 167.37 lm/W at 4000K
- 451.1 lm/ft (1479.9 lm/m) at 4000K
- 92+ CRI
- Closet rated in channel applications



RoHS

IP20



Declare.



ORDERING GUIDE

Category	CRI	Ribbon Type & IP Rating	Wattage & Color Temperature	
RB	90	XACTA20		
RB - RIBBONLYTE	90 - 90+ CRI Static White	XACTA20 - Xacta RibbonLyte IP20	3.018 - 3.0 W/ft (9.8 W/m) 1800K 3.020 - 3.0 W/ft (9.8 W/m) 2000K 3.022 - 3.0 W/ft (9.8 W/m) 2200K 3.024 - 3.0 W/ft (9.8 W/m) 2400K 3.027 - 3.0 W/ft (9.8 W/m) 2700K	3.030 - 3.0 W/ft (9.8 W/m) 3000K 3.035 - 3.0 W/ft (9.8 W/m) 3500K 3.040 - 3.0 W/ft (9.8 W/m) 4000K 3.060 - 3.0 W/ft (9.8 W/m) 6000K

CONNECTION OPTIONS

1. End Feed Bare Wire Connection (Default Option)



2. IP67 Connector Input



3. Soldered Daisy Chain



4. Daisy Chain with IP67 Connectors



5. Bare Wire on Both Ends

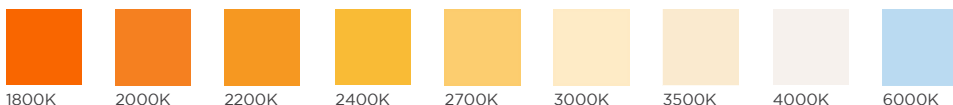


Standard cable length if not specified:

1. 12 in. (305 mm) cable with bare wire (custom length up to 20 feet / 6 meters)
2. Standard 12 in. (305 mm) cable with IP67 connectors (custom length up to 10 feet / 3 meters)
3. Daisy chain with 3 in. (76 mm) cable between runs (custom length up to 36 in. / 914 mm)

4. 3 in. (305 mm) cable between IP67 connector and RibbonLyte (custom length up to 18 in. / 457 mm)
 5. Standard 12 in. (305 mm) cable with bare wire (custom length up to 10 feet / 3 meters)
- Note: IP67 connectors are used for IP20 RibbonLyte

AVAILABLE COLOR TEMPERATURES



SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

3.0 STATIC WHITE XACTA RIBBONLYTE									
Operating Voltage	24 V								
Power Consumption	3.0 W/ft (9.8 W/m)								
Current (mA)	126.1 mA/ft (413.7 mA/m)								
LED Pitch	61 LEDs/ft (200 LEDs/m)								
Protection Rating	IP20								
Dimming/Control	Dimmable with an external MLV / ELV / 0-10 Volt / DALI / CASAMBI controlled driver or by DMX with an external interface and driver								
Operating Temperature	-40 — 158 °F (-40 — 70 °C)								
Color Temperatures	1800K	2000K	2200K	2400K	2700K	3000K	3500K	4000K	6000K
Lumens	236.1 lm/ft (774.8 lm/m)	276.2 lm/ft (906.1 lm/m)	306.8 lm/ft (1006.4 lm/m)	321.6 lm/ft (1055 lm/m)	429.3 lm/ft (1408.4 lm/m)	426.7 lm/ft (1400 lm/m)	416.5 lm/ft (1366.3 lm/m)	451.1 lm/ft (1479.9 lm/m)	439.2 lm/ft (1440.8 lm/m)
Lumens/Watt	87.62 lm/W	102.48 lm/W	113.82 lm/W	119.31 lm/W	158.38 lm/W	159.24 lm/W	155 lm/W	167.37 lm/W	162.95 lm/W
LED Beam Angle	120°								
Lifetime (L70 reported)	50,000 hours								
Incremental Length	0.2 in (5 mm)								
CRI - All Color Temp.	92+ CRI								
Constant Voltage	✓								
Certifications	UL 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.								
Warranty	Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5). IP20: 6 years								

24V DIMENSIONS	Top View	Side View	Dimensions
IP20	 Incremental length: 0.2 in (5 mm)		Width 0.31 in (8 mm) Max Length 23.62 ft (7.2 m) Height 0.06 in (1.45 mm)

OPTIONAL ACCESSORY

Flat Mounting Clip	0.5 in. VHB Tape*
 Part Number: RBMNTSIL	 Provides superior holding power in surface mounted applications Part Number: VHBTAPE0.5BK

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

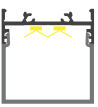
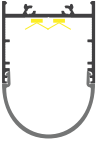
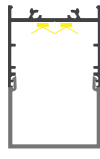
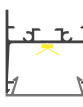
USAGE GUIDELINES

- 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 70 °C / 158 °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.
- 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.

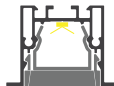
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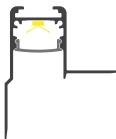
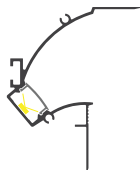
CHANNEL COMPATIBILITY / CHANNEL OPTIONS

CHANNEL	IP20	SURFACE MOUNTED						
AC1	✓							
AC2	✓							
AC3	✓							
AC5	✓							
AC15L	✓							
AR1	✓							
AR3	✓							
AR15L	✓							
AR15AL	✓							
AR24R	✓							
AR29L	✓							
AS1	✓							
AS1GS	✓							
AS2	✓							
AS3	✓							
AS5	✓							
AS10	✓							
AS13	✓							
AS15L	✓							
AS16	✓							
AS20G	✓							
AS20GS	✓							
AS21	✓							
AS22L	✓							
AS23	✓							
AS24R	✓							
AS29L	✓							
AS30	✓							
AS31	✓							
AS35L	✓							
AS53	✓							
AT4	✓							
AT5	✓							
B1	✓							
SC3	✓							
SC10	✓							
SC15L	✓							
SC20C	✓							
SC23	✓							
SC24R	✓							
SC38C	✓							

SURFACE MOUNTED								
								
AS1	AS1GS	AS2	AS3	AS10	AS13 / round lens	AS13 / square lens	AS15L	
W: 0.68 in. / 17.2 mm H: 0.34 in. / 8.6 mm	W: 0.67 in. / 17.1 mm H: 0.55 in. / 13.9 mm	W: 0.7 in. / 17.8 mm H: 0.6 in. / 15.2 mm	W: 0.93 in. / 23.6 mm H: 0.42 in. / 10.7 mm	W: 0.47 in. / 12 mm H: 0.47 in. / 12 mm	W: 1.31 in. / 33.4 mm H: 1.29 in. / 32.7 mm	W: 1.31 in. / 33.4 mm H: 1.37 in. / 34.8 mm	W: 0.59 in. / 15 mm H: 0.59 in. / 15 mm	
								
AS16	AS20G	AS20GS	AS21	AS22	AS23	AS24R	AS29L	
W: 0.74 in. / 18.8 mm H: 0.73 in. / 18.6 mm	W: 0.61 in. / 15.5 mm H: 0.71 in. / 18 mm	W: 1.11 in. / 28.3 mm H: 1.57 in. / 40 mm	W: 0.79 in. / 20 mm H: 0.82 in. / 20.84 mm	W: 0.87 in. / 22 mm H: 0.93 in. / 24.5 mm	W: 0.91 in. / 23 mm H: 1.59 in. / 40.5 mm	W: 0.91 in. / 23 mm H: 1.03 in. / 26.2 mm	W: 1.18 in. / 30 mm H: 1.15 in. / 29.2 mm	
								
AS30 / round lens	AS30 / square lens	AS31	AS35L	AT4	AT5	B1		
W: 1.31 in. / 33.4 mm H: 1.95 in. / 49.5 mm	W: 1.31 in. / 33.4 mm H: 2.03 in. / 51.6 mm	W: 1.18 in. / 30 mm H: 1.22 in. / 30.92 mm	W: 1.38 in. / 35 mm H: 1.48 in. / 37.5 mm	W: 0.77 in. / 19.6 mm H: 0.74 in. / 18.8 mm	W: 0.77 in. / 19.6 mm H: 0.74 in. / 18.8 mm	W: 0.77 in. / 19.6 mm H: 0.26 in. / 6.5 mm		

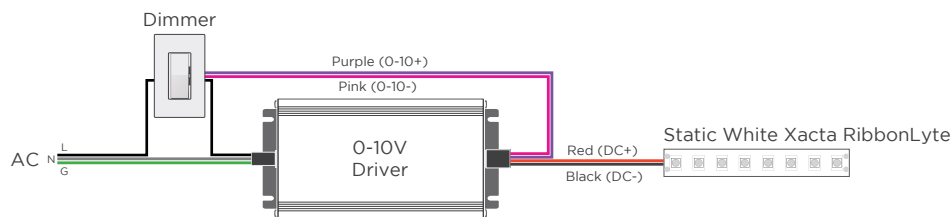
CORNER					
					
AC1	AC2	AC3	AC5	AC15L	
W: 0.63 in. / 16 mm H: 0.63 in. / 16 mm	W: 0.63 in. / 16 mm H: 0.63 in. / 16 mm	W: 0.74 in. / 18.8 mm H: 0.74 in. / 18.8 mm	W: 1.18 in. / 30 mm H: 1.18 in. / 30 mm	W: 0.63 in. / 16 mm H: 0.63 in. / 16 mm	

RECESSED						
						
AR1	AR3	AR15L	AR15AL	AR24R	AR29L	
W: 0.9 in. / 22.9 mm H: 0.31 in. / 7.87 mm	W: 1.2 in. / 30.5 mm H: 0.42 in. / 10.8 mm	W: 0.59 in. / 15 mm H: 0.53 in. / 13.5 mm	W: 1.31 in. / 33.3 mm H: 0.6 in. / 15.3 mm	W: 1.3 in. / 33 mm H: 1.03 in. / 26.2 mm	W: 1.57 in. / 40 mm H: 1.15 in. / 29.2 mm	

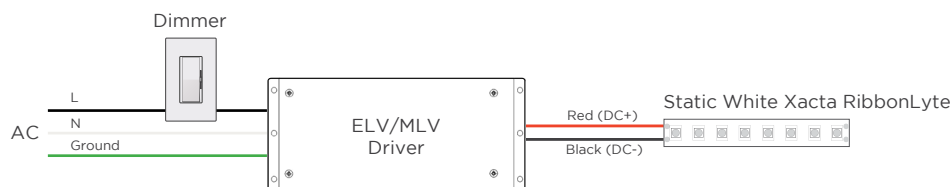
MUD-IN						
						
SC3	SC10	SC20C	SC24R	SC15L	SC23	SC38C
W: 2.62 in. / 66.6 mm H: 0.55 in. / 14 mm	W: 1.41 in. / 35.9 mm H: 0.56 in. / 14.1 mm	W: 1.66 in. / 42.2 mm H: 1.89 in. / 48.1 mm	W: 2.48 in. / 63 mm H: 1.03 in. / 26.2 mm	W: 2.17 in. / 55 mm H: 0.39 in. / 9.8 mm	W: 0.93 in. / 23.7 mm H: 3.46 in. / 88 mm	W: 2.32 in. / 58.9 mm H: 2.85 in. / 72.3 mm

WIRING DIAGRAMS

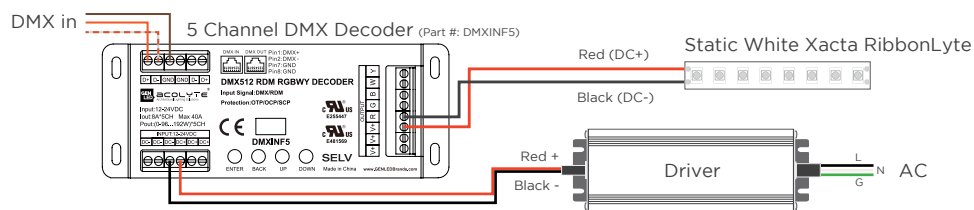
0-10V



MLV / ELV



DMX



WIRE COLORS PER

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

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GLOBAL HQ

320 Murray Hill Pkwy
East Rutherford, NJ 07073
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

ASIA-PACIFIC HQ

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