

OPTX RIBBONLYTE

OptX RibbonLyte is a flexible wall washing or grazing solution that doesn't require a channel fixture. Available in four Static White CCTs (2700-4000K), our 24V OptX RibbonLyte offers the choice of an asymmetric 45° beam angle or symmetric 10° and 30° beam angles. It is rated IP67 for outdoor use. Mounting options include several types of mounting clips and channels.

- 5.8 W/ft (19 W/m)
- 3 beam angle options:
Asymmetric 45°: 95 lm/W, 570 lm/ft (1869.5 lm/m)
10°: 85 lm/W, 510 lm/ft (1672.8 lm/m)
30°: 100 lm/W, 600 lm/ft (1968 lm/m)
- 14 LEDs/ft (46 LEDs/m)
- 90+ CRI with an IP67 rating
- 11.8 in. (300 mm) minimum bending diameter
- 3-year warranty



RoHS

IP67

ORDERING GUIDE

Category	CRI	Ribbon Type	IP Rating	Wattage	Color Temperature	Beam Angle
RB	90	SWX	67	5.8		
RB - RibbonLyte	90 - 90+ CRI Static White	SWX - Static White OptX	67 - IP67	5.8 - 5.8 W/ft (19 W/m)	27 - 2700K	10 - 10°
					30 - 3000K	30 - 30°
					35 - 3500K	A45 - 45°*
					40 - 4000K	

* Please see standard orientation of power feed and beam angle direction of Asymmetric 45° OptX as illustrated. Custom power feeds must be noted when ordering.

OPTIONAL ACCESSORIES (more details on page 3)

1.) **Strip Mounting Clip** (1 per 1 ft / 3 per 1 m)
Part #: CHASXCLIPSV

2.) **0.67 in. VHB Tape**
Part #: VHBTAPE0.67BK

3.) **Symmetric Aluminum Channel**
Silver Channel Part #: CHASXSVA
Black Channel Part #: CHASXBKA
Clear Lens Part #: CHASXLENSC
Symmetric Channel Mounting Clip (1 per 2 ft / 2 per 1 m)
Part #: CHASXBCLIPSV
Symmetric Channel Adjustable Mounting Clip (1 per 2 ft / 2 per 1 m)
Part #: CHASXABCLIPSV
Channel Coupler (for fixtures longer than 78.74 in. / 2 m)
Part #: CHASXSTR8SV

4.) **Asymmetric Aluminum Channel**
Silver Channel Part #: CHASXASV
Black Channel Part #: CHASXABK
Asymmetric Channel Mounting Clip (1 per 2 ft / 2 per 1 m)
Part #: CHASXBCLIPASV
Asymmetric Channel Adjustable Mounting Clip (1 per 2 ft / 2 per 1 m)
Part #: CHASXAABCLIPSV
Channel Coupler (for fixtures more than 78.74 in. / 2 m in length)
Part #: CHASXASTR8SV

CONNECTION OPTION

End Feed Bare Wire Connection

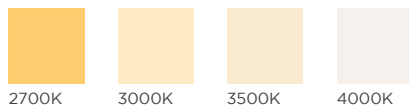


Standard cable length if not specified:
12 in. (304.8) mm cable with bare wire
(custom length up to 20 ft / 6 m)

ASSEMBLY OPTION

Factory Assembly
Available for fixtures up to 78.74 in. (2 m) long

AVAILABLE COLOR TEMPERATURES

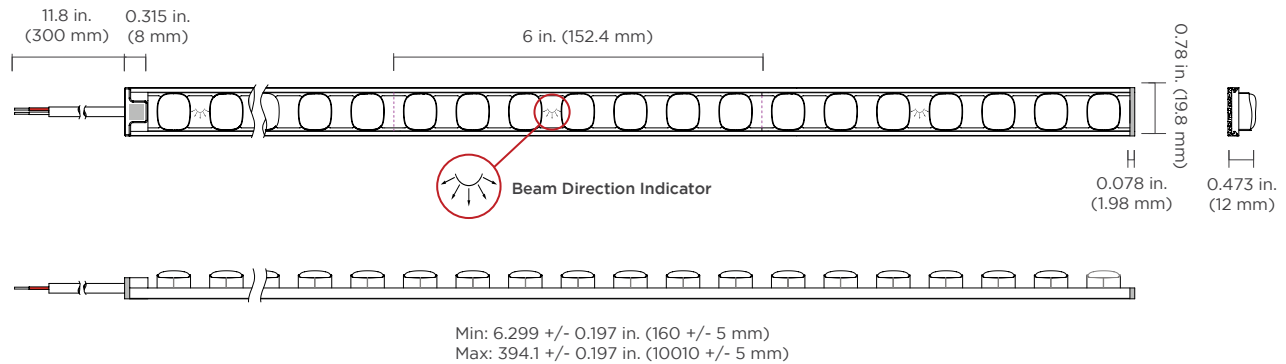


SPECIFICATIONS

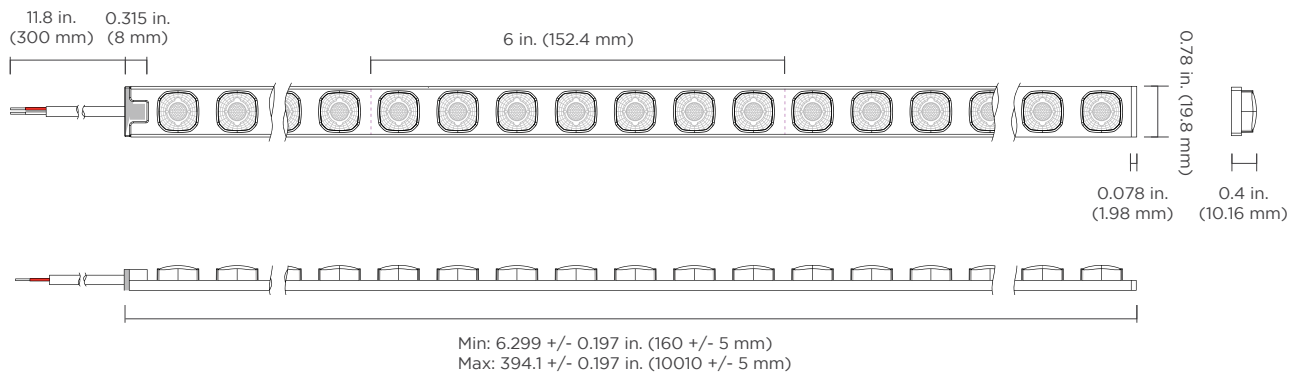
OptX RibbonLyte			
Operating Voltage	24 V		
LED Pitch	14 LEDs/ft (46 LEDs/m)		
Protection Rating	IP67		
Dimming/Control	0-10 Volt / ELV / MLV / DMX / DALI		
Operating Temperature	-4° F to 131° F (-20° C to 55° C)		
Color Temperatures	2700K, 3000K, 3500K, 4000K		
Power Consumption	5.8 W/ft (19 W/m)		
Beam Angles	Asymmetric 45°	10°	30°
Lumen Output	570 lm/ft (1869.6 lm/m)	510 lm/ft (1672.8 lm/m)	600 lm/ft (1968 lm/m)
Lumens/Watt	95 lm/W	85 lm/W	100 lm/W
MacAdam Ellipses (SDCM)	SDCM < 3		
Lamp Life	60,000 Hours		
Cutable Length	6 in. (152 mm) Not Field Cutable		
Max Run Length	32 ft (9.8 m)		
CRI	90+ CRI		
Bend Diameter	11.8 in. (300 mm)		
Certifications	UL, CE, RoHS		
Warranty	3 years		

DIMENSIONS

Asymmetric 45°



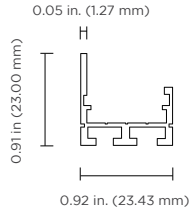
10° and 30°



ACCESSORIES

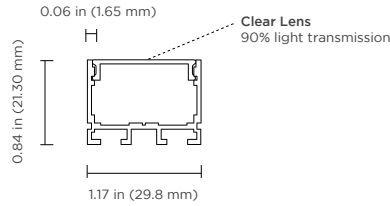
Asymmetric Aluminum Channel

Silver Channel Part Number: CHASXASV
Black Channel Part Number: CHASXABK



Symmetric Aluminum Channel

Silver Channel Part Number: CHASXSVA
Black Channel Part Number: CHASXBKA
Clear Lens Part Number: CHASXLENSC

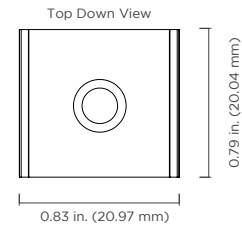
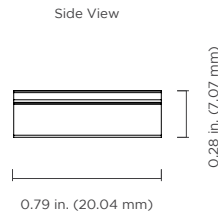
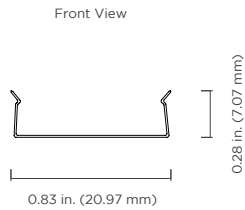


0.67 in. VHB Tape (Part Number: VHBTape0.67BK)

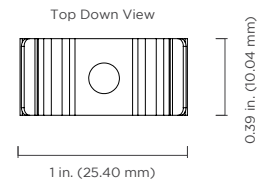
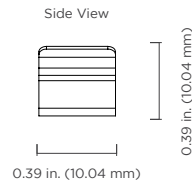
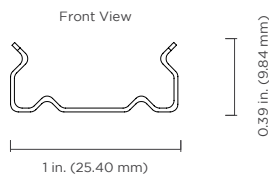


Provides superior holding power in surface mounted applications. VHB Tape is NOT for use in channel applications.

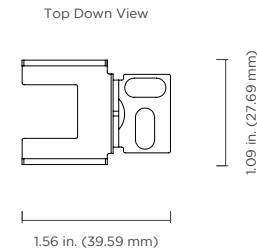
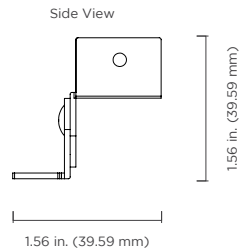
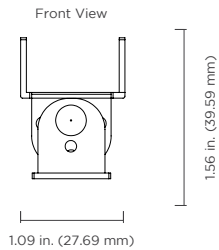
Strip Mounting Clip - Part Number: CHASXCLIPSV



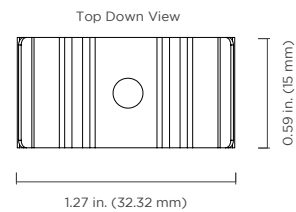
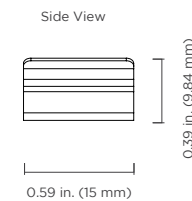
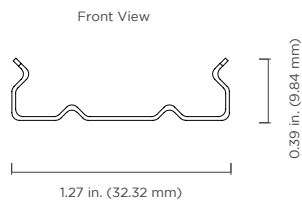
Asymmetric Channel Mounting Clip - Part Number: CHASXBCLIPASV (1 per 2 ft / 2 per 1 m)



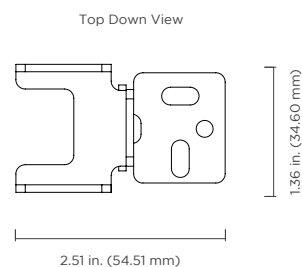
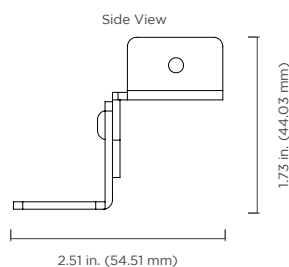
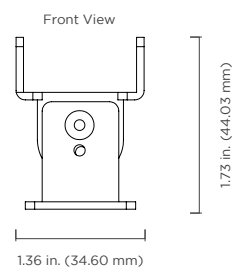
Asymmetric Channel Adjustable Mounting Clip - Part Number: CHASXAABCLIPSV (1 per 2 ft / 2 per 1 m)



Symmetric Channel Mounting Clip - Part Number: CHASXBCLIPSV (1 per 2 ft / 2 per 1 m)



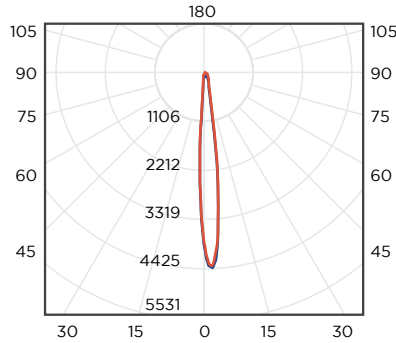
Symmetric Channel Adjustable Mounting Clip - Part Number: CHASXABCLIPSV (1 per 2 ft / 2 per 1 m)



BEAM ANGLE DIAGRAMS

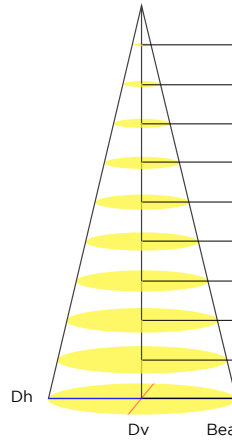
10° at 3000K

Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle (50%): 10.5
— C0-C180 — C90-C270

Illuminance at a Distance

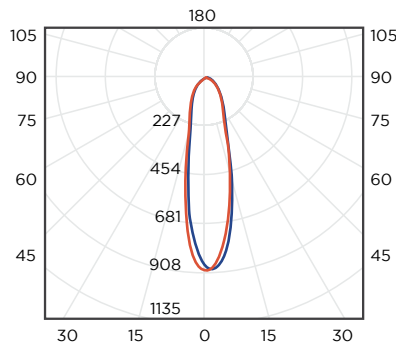


Dist (m)	Enadir (lx)	Dh/Dv B(m)	S_B (sq.m)	Eav_B(lx)
1.0	4069.89	0.18/0.19	0.0	2833.11
2.0	1017.47	0.36/0.37	0.1	708.28
3.0	452.21	0.54/0.56	0.3	314.79
4.0	254.37	0.73/0.75	0.5	177.07
5.0	162.80	0.91/0.93	0.7	113.32
6.0	113.05	1.09/1.12	1.0	78.70
7.0	83.06	1.27/1.31	1.4	57.82
8.0	63.59	1.45/1.49	1.8	44.27
9.0	50.25	1.63/1.68	2.3	34.98
10.0	40.70	1.82/1.87	2.8	28.33

Beam Angle (B): H10.4 V10.7 Field Angle (F): H21.4 V22.3

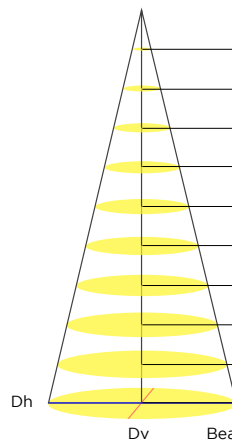
30° at 3000K

Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle (50%): 27.5
— C0-C180 — C90-C270

Illuminance at a Distance

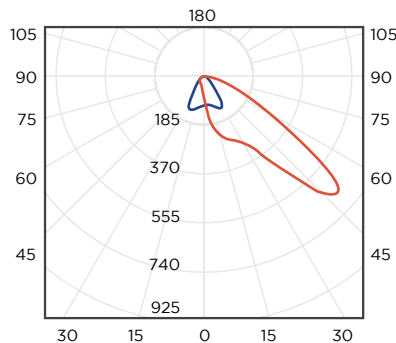


Dist (m)	Enadir (lx)	Dh/Dv B(m)	S_B (sq.m)	Eav_B(lx)
1.0	887.55	0.49/0.49	0.2	530.57
2.0	221.89	0.98/0.98	0.8	132.64
3.0	98.62	1.48/1.46	1.7	58.95
4.0	55.47	1.97/1.95	3.0	33.16
5.0	35.50	2.46/2.44	4.7	21.22
6.0	24.65	2.95/2.93	6.8	14.74
7.0	18.11	3.45/3.42	9.2	10.83
8.0	13.87	3.94/3.90	12.1	8.29
9.0	10.96	4.43/4.39	15.3	6.55
10.0	8.88	4.92/4.88	18.8	5.31

Beam Angle (B): H27.7 V27.4 Field Angle (F): H84.5 V85.7

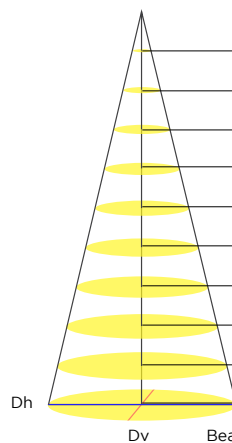
Asymmetric 45° at 3000K

Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle (50%): 73.3
— C0-C180 — C90-C270

Illuminance at a Distance

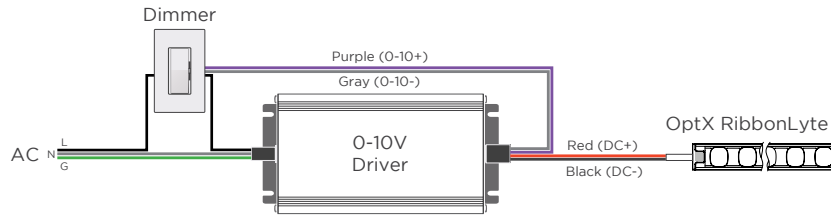


Dist (m)	Enadir (lx)	Dh/Dv B(m)	S_B (sq.m)	Eav_B(lx)
1.0	106.11	1.59/1.39	2.6	64.55
2.0	26.53	3.19/2.78	10.6	16.14
3.0	11.79	4.78/4.17	23.8	7.17
4.0	6.63	6.37/5.55	42.4	4.03
5.0	4.24	7.97/6.94	66.2	2.58
6.0	2.95	9.56/8.33	95.4	1.79
7.0	2.17	11.15/9.72	129.8	1.32
8.0	1.66	12.75/11.11	169.6	1.01
9.0	1.31	14.34/12.50	214.6	0.80
10.0	1.06	15.93/13.88	265.0	0.65

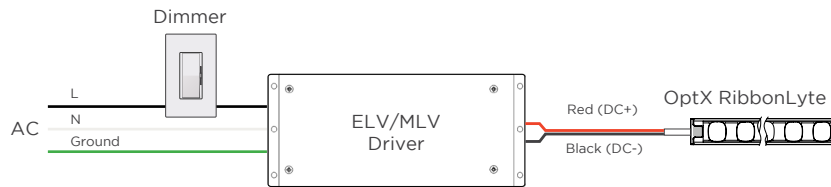
Beam Angle (B): H77.1 V69.5 Field Angle (F): H152.3 V153.6

WIRING DIAGRAMS

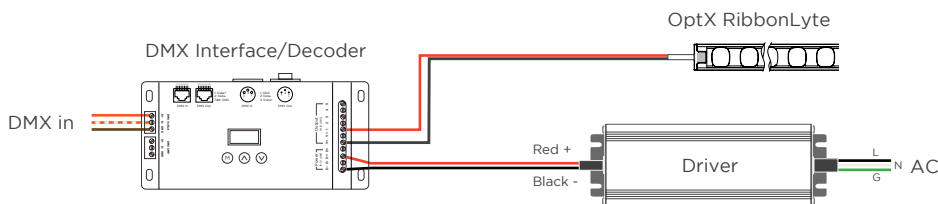
0-10V



MLV / ELV



DMX



WIRE COLORS PER RIBBONLYTE COLOR

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

POWER SUPPLY LOADING

Power Supply	Max Recommended Single Run	
	Feet	Meters
Wattage		
60	9	2.7
96	14.4	4.4
150	22.5	6.9
300	32	9.8

USAGE GUIDELINES

- IP67 RibbonLyte are not field cuttable. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of this on the field or by end user will result in a voided warranty.
- When installing this product take into account the surface temperature of the material this product is mounted to. Many building surfaces which are exposed to direct sunlight exceed the 55° C / 131° F maximum that our product is rated for. High risk locations like this should be avoided.
- Our IP67 can be used in wet, outdoor locations around swimming pools and spa tubs, but our products are not intended to be submerged in pools and fountains and do not carry UL676 certification to do so.
- Please refer to our RibbonLyte Proper Use Guide in our *Application Guide* for more information. Available for download at www.GENLEDBrands.com/Acolyte.
- 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 Triac, MLV or ELV drivers is not supported or warranted.
- Due to the nature of the product, RibbonLyte 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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