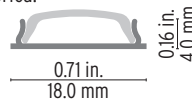




The fixture allows integrating linear LED lighting on curved or uneven surfaces. Its low profile of less than 1/32 in. (0.75 mm), allows for effortless bending and installation using plain mounting tape.

Features

- Thin, lightweight and flexible, can be easily bent both inside and outside over curved or uneven surfaces.
- Can be installed using adhesive tape.
- Designed to meet North American woodworking standards.
- Made of ALCOA 6063-T5 aluminum alloy increasing heat dissipation.
- Max bending radius is 4 inches.
- Only available in North America.



Project name _____

Fixture type _____ Phase _____

Specifier _____ Date _____



Linear weight:

0.4 lbs/ft (without optic)

Cable Feed: End (E)

Max 4.7 W/ft

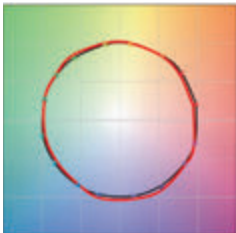
Order Code

Family	LED Tape ¹	CRI	CCT	Optic	Cable / Connector ^{3,4}	Cable Position	Mounting	Fixture length (mm)	Ingress
VarioLED 5560	-----	W_	---	---	---	---	---	-----	IP20
Bendable	Nexus HD6 —1.8 w/ft, 155 lm/ft	W8 85CRI	22 2200K ²	OP Opal	FM Female & Male (4")	E End	AT Adhesive Tape	Refer to length chart on page 3	IP20
	Nexus HD10 —2.9 w/ft, 250 lm/ft	W9 95CRI	27 2700K		M5 Male one side only (4")				
	Nexus HD15 —4.7 w/ft, 400 lm/ft		30 3000K		OB Open Cable both sides (6")				
			35 3500K		O5 Open Cable one side only (6")				
			40 4000K						
			50 5000K ²						

¹ Delivered Lumens @3000K with Clear Optic. ² Available only in 85CRI. ³ Does not include endcaps. ⁴ 2 x 22 AWG wires are supplied. See page 3 for more connectors.

LED Tape Specifications

Color vector graphic



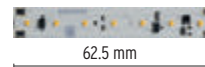
Color distortion graphic



- R_r 92
- R_g 101
- CRI 95
- R₉ 85

- 2200
 - 2700
 - 3000
 - 3500
 - 4000
 - 5000
- Kelvin

HD - High density / 8.93 mm LED pitch



62.5 mm

L90/B10
≥ 60,000 h

W_{xxx}/
339

— Reference Illuminant — Test source @ 3000K

		HD6		HD10		HD15		Power (W/ft) ⁸	HD6	HD10	HD15
		CCT	Lumen/ft ⁴	W/ft ⁸	Lumen/ft ⁴	W/ft ⁸	Lumen/ft ⁴				
Static White	● W822	2,200 K	140	1.8	240	2.9	390	4.7			
	● W927	2,700 K	150	1.8	260	2.9	410	4.7	24.6 / 7.5	16.4 / 5	16.4 / 5
	● W930	3,000 K	160	1.8	260	2.9	420	4.7	109	115	118
	● W935	3,500 K	160	1.8	270	2.9	430	4.7	95 / 75	95 / 75	95 / 75
	● W940	4,000 K	160	1.8	270	2.9	440	4.7	95 / 100	95 / 100	95 / 100
	● W850	5,000 K	190	1.8	340	2.9	550	4.7	122°F / 50°C	122°F / 50°C	113°F / 45°C

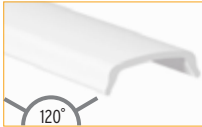
⁴ Lumen values represent bare LED tape. Refer to page 2 to calculate delivered fixture lumens by using the light efficiency percentages.

⁸ The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Technical Details

OPAL

50% light transmittance



Visible dotting

CCT decrease 215 K

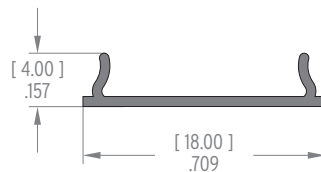
This basic lens protects your tape and maximizes light output.

Mounting Dimensions $\left[\begin{matrix} \text{mm} \\ \text{in} \end{matrix} \right]$

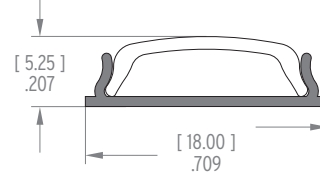


AT
Adhesive Tape

WITHOUT LENS



WITH LENS





Max Bending Radius: 4 inches

LENGTH CHART

Fixture length		HD6 1.8 Watts/Ft		HD10 2.9 Watts/Ft		HD15 4.7 Watts/Ft	
inches	mm	Watts/fixture	Lumens/fixture @3000K	Watts/fixture	Lumens/fixture @3000K	Watts/fixture	Lumens/fixture @3000K
2.9	73	0.4	37	0.7	59	1.1	95
5.3	135	2.0	69	1.3	111	2.0	177
7.8	198	3.0	100	1.9	162	3.0	259
10.2	260	3.9	132	2.5	213	3.9	341
12.7	323	4.9	164	3.1	264	4.9	423
15.2	385	5.8	196	3.7	316	5.8	505
17.6	448	6.8	228	4.3	367	6.8	587
20.1	510	7.7	259	4.9	418	7.7	669
22.5	573	8.6	291	5.4	469	8.6	751
25.0	635	9.6	323	6.0	521	9.6	833
27.5	698	10.5	355	6.6	572	10.5	915
29.9	760	11.5	386	7.2	623	11.5	997
32.4	823	12.4	418	7.8	674	12.4	1079
34.8	885	13.4	450	8.4	726	13.4	1161
37.3	948	14.3	482	9.0	777	14.3	1243
39.8	1010	15.2	513	9.6	828	15.2	1325
42.2	1073	16.2	545	10.2	879	16.2	1407
44.7	1135	17.1	577	10.8	931	17.1	1489
47.1	1198	18.1	609	11.4	982	18.1	1571
49.6	1260	19.0	641	12.0	1033	19.0	1653
52.1	1323	20.0	672	12.6	1084	20.0	1735
54.5	1385	20.9	704	13.2	1136	20.9	1817
57.0	1448	21.8	736	13.8	1187	21.8	1899
59.4	1510	22.8	768	14.4	1238	22.8	1981
61.9	1573	23.7	799	15.0	1289	23.7	2063
64.4	1635	24.7	831	15.6	1341	24.7	2145
66.8	1698	25.6	863	16.1	1392	25.6	2227
69.3	1760	26.6	895	16.7	1443	26.6	2309
71.8	1823	27.5	927	17.3	1494	27.5	2391
74.2	1885	28.4	958	17.9	1546	28.4	2473
76.7	1948	29.4	990	18.5	1597	29.4	2555


Connectors

Item	Description	Model	Dimensions	Order Code
 Mini Female Connector IP20 for Static White	Use to connect the driver to the beginning of the LED tape run or to the next LED tape section. Female mini connector on one side and open end cable on the other side.	Static White	2 x 22 Awg, 6.5 ft	15000147
 Mini Extension IP20 for Static White	Use to extend the distance between connection points. Female mini connector on one side and male mini connector on the other side.	Static White Static White	2 x 22 Awg, 3.2 ft 2 x 22 Awg, 6.5 ft	15000148 15000149

Compatible Drivers

Item	Specifications	Downloads
LED LINEAR™ Non-Dimmable Drivers 	<ul style="list-style-type: none"> • UL 8750 Listed Enclosure - With Built-In Junction Boxes • Universal Input Voltage 120V - 277V • IP65 - For Both Indoor and Outdoor Use • No Minimum Load Requirement • 24V Constant Voltage Output, Class 2 • Available in three wattages 30W, 60W and 96W • Max. Dimensions: 12-1/8" x 2-3/8" x 1-3/8" 	30 W SPEC SHEET 60 W SPEC SHEET 96 W SPEC SHEET INSTALLATION INSTRUCTIONS
LED LINEAR™ 0-10V Dimmable Drivers 	<ul style="list-style-type: none"> • UL 8750 Listed Enclosure - With Built-In Junction Boxes • 0-10V Dimmable - Flicker Free Down to 1% • Universal Input Voltage 120V - 277V • IP65 - For Both Indoor and Outdoor Use • 24V Constant Voltage Output, Class 2, Class P • Available in three wattages 30W, 60W and 96W • Max. Dimensions: 12-1/8" x 2-3/8" x 1-3/8" 	30 W SPEC SHEET 60 W SPEC SHEET 96 W SPEC SHEET INSTALLATION INSTRUCTIONS
LED LINEAR™ ELV/Triac Dimmable Drivers 	<ul style="list-style-type: none"> • UL 8750 Listed Class 2 Enclosure • 24V constant voltage output • Compact size yet high efficiency and performance in dry and damp environments (IP67) • Multiple Inputs: 120V or 277V • Fully dimmable: ELV Dimmers - Reverse or Adaptive Phase Control, Trailing Edge • Available in two wattages 48W and 96W • Multiple Circuits are available up to 4 units (up to 384W) 	48 W SPEC SHEET 96 W SPEC SHEET INSTALLATION INSTRUCTIONS
 PWM Dimmable Drivers 	<ul style="list-style-type: none"> • Universal AC input / Full range (up to 305VAC) • Constant voltage PWM style output • Built-in 3 in 1 dimming function (0-10Vdc or PWM signal or resistance) • Dimming range : 0-100% • Class 2 power unit • Suitable for dry / damp / wet locations • UL Recognized component, 5 years warranty 	40 W SPEC SHEET 60 W SPEC SHEET 90 W SPEC SHEET INSTALLATION INSTRUCTIONS
OLUTRON Dimmable Drivers 	<ul style="list-style-type: none"> • UL Listed Enclosure • Dimming Range: 100% to 1% and 0.1% (Premiere) • LED lighting turns on to any dimmed level without flashing to full brightness • Operating Voltage: 120V~ to 277V~ at 50/60 Hz • Rated lifetime of 50,000 hours at 40°C (104°F) ambient temperature and maximum loading • For rated warranty, ambient temperature not to exceed 40°C (104°F) • Open-circuit protected output 	HI-LUME SPEC SHEET HI-LUME PREMIERE SPEC SHEET INSTALLATION INSTRUCTIONS
eldoLED DALI/DMX Dimmable Drivers 	<ul style="list-style-type: none"> • Available in linear or rectangular format • 100W, DMX/DALI interface for Static White, Tunable White and RGB/W Applications • 4 control channels • 24V constant voltage, 4 x 24V outputs • Metal or plastic case options 	100 W SPEC SHEET INSTALLATION INSTRUCTIONS

Controllers

Item	Specifications	Downloads
eldoLED Controllers 	180/D DMX Controller for RGB/W and Tunable White Applications	180/D SPEC SHEET
	210/D Dali Controller for Static White Applications	210/D SPEC SHEET
	211/D-LG 0-10V Logarithmic Dimming Controller	211/D-LG SPEC SHEET
	211/D-LN 0-10V Linear Dimming Controller	211/D-LN SPEC SHEET
	212/D DMX Controller for Static White and Static Color Applications	212/D SPEC SHEET
	DimWheel DMX Wall Controller for RGB/W and Tunable White Applications	DIM WHEEL SPEC SHEET

Click for more information

VOLTAGE DROP CALCULATOR

INSTALLATION

LED LINEAR TECHNOLOGY