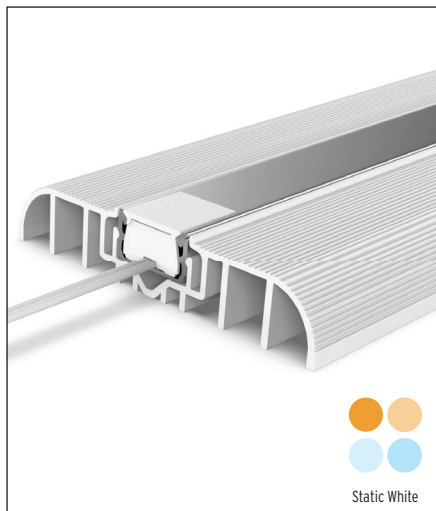


RecessedMount Trimless - Assembled Fixture

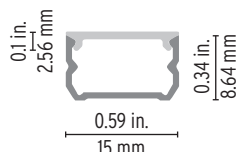
LED LINEAR™



Fixture is designed to ensure that the LED source is invisible, offering uniform and soft lighting for the eyes. Compact and versatile design.

Features

- Designed to give a uniform light without hot spots.
- Compatible with multiple installation accessories.
- Trimless application for new drywall construction.
- Cable Feed: End (E).



Project name	
Fixture type	Phase
Specifier	Date

 ETL Listed	 IC Driver Up to 1200 lm/ft 118 lm/W constant light output	 TJ Away Exceptional Thermal Dissipation	 Reel-to-Reel High Quality Solder Free Reels	 One Bin Only 3 MacAdam up to 95 CRI
	 Select Models Only	 Dot Free	 L90/B10 > 60,000 h L90/B10 >60,000 hrs	 Wxxx/ 339

Order Code

Family	LED Tape ¹	CRI	CCT	Optic	Configuration	Cable / Connector ²	Cable Position	Mounting ³	Fixture length (mm)	Ingress
VarioLED 0036	UHD15	W9	---	LO	---	---	---	---	---	IP20

Stand-Alone Fixtures

Family	LED Tape ¹	CRI	CCT	Optic	Configuration	Cable / Connector ²	Cable Position	Mounting ³	Fixture length (mm)	Ingress							
VarioLED 0036	UHD15	W9	95CRI	22	2200K	LO	Low Opal	ST	Stand-Alone	M5	Male one side only (4")	E	End	TMP	Trimless Mounting Profile	Refer to length chart on page 3	IP20
			27	2700K						O5	Open Cable one side only (6.5')			FMC	Flat Mounting Clip		
			30	3000K										AT	Adhesive Tape		
			35	3500K													
			40	4000K													
			50	5000K													

¹ Delivered Lumens @3000K with Clear Optic. ² 2 x 22 AWG wires are supplied. See page 4 for more connectors. ³ See Components spec sheet for details.

Continuous Runs

Family	LED Tape ¹	CRI	CCT	Optic	Configuration	Cable / Connector ²	Cable Position	Mounting ³	Fixture length (mm)	Ingress							
VarioLED 0036	UHD15	W9	95CRI	22	2200K	LO	Low Opal	CR-S	Continuous Run-Start (Endcap on left side only, cable feed on endcap side)	O5	Open Cable one side only (6.5')	E	End	TMP**	Trimless Mounting Profile	Refer to length chart on page 3	IP20
			27	2700K									EN*	Notched End			
			30	3000K													
			35	3500K													
			40	4000K													
			50	5000K													

* Only available for middle fixtures. ** Trimless Mounting Profile and Opal Cover ship as a 6.5'/2m for on site finishing.

Configurations

Stand-Alone



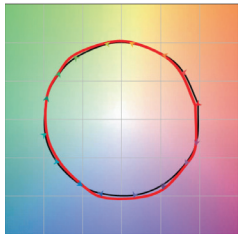
Continuous Runs



* Each fixture section should be connected to the same circuit of the same driver by leading the cable feed behind the continuous run or through the trimless mounting profile accessory (if applicable).

LED Tape Specifications

Color vector graphic



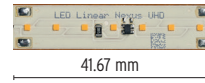
Color distortion graphic



R_r 92
R_y 101
CRI 95
R9 85

2200 2700 3000 3500 4000 5000 Kelvin

UHD - Ultra High density / 5.95 mm LED pitch



L90/B10
> 60,000 h

Wxxx/
339

— Reference illuminant — Test source @ 3000K

UHD15					UHD15		
		CCT	Lumen/ft ^a	W/ft ^b			
Static White	●	W822	2,200 K	370	4.6	Power (W/ft) ^b	4.6
	●	W927	2,700 K	400	4.6	Max interconnected length (ft/m)	13.1 / 4
	●	W930	3,000 K	410	4.6	Efficacy (lm/W) ^b @ W850	118
	●	W935	3,500 K	420	4.6	CRI / R9 @ 3000 K	95 / 75
	●	W940	4,000 K	420	4.6	R _r / R _y @ 3000 K	95 / 100
	●	W850	5,000 K	440	4.6	Max ambient temp. (T _{a,max})	113°F / 45°C

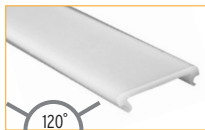
^a Lumen values represent bare LED tape. Refer to page 2 to calculate delivered fixture lumens by using the light efficiency percentages.

^b 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

LOW OPAL

50% light transmittance

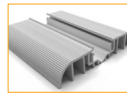


Dot free

5% warmer CCT offset

This lens provides a homogenous line of light.

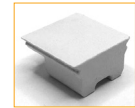
Mounting Dimensions



TMP
Trimless Mounting Profile - PVC

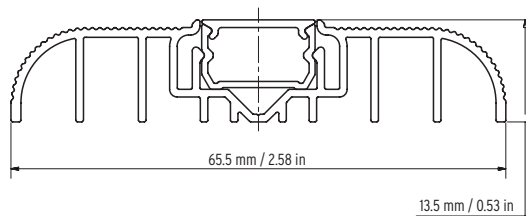


FMC
Flat Mounting Clip

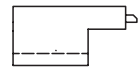
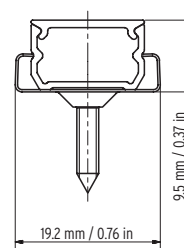


Endcap

TRIMLESS MOUNTING PROFILE & LOW OPAL



FLAT MOUNTING CLIP & LOW OPAL



16.5 mm / 0.65 in





12.5 mm / 0.49 in

LENGTH CHART

Stand-Alone Fixture Fixture length		UHD15 4.6 Watts/Ft		Start and End Fixtures Fixture length		UHD15 4.6 Watts/Ft		Mid-Fixtures Fixture length		UHD15 4.6 Watts/Ft	
inches	mm	Watts/fixture	Lumens/fixture @W3000K	inches	mm	Watts/fixture	Lumens/fixture @W3000K	inches	mm	Watts/fixture	Lumens/fixture @W3000K
2.4	62	0.9	55	2.1	54	0.8	48	1.8	46	0.7	40
4.1	103	1.6	92	3.8	95	1.4	84	3.4	87	1.3	77
5.7	145	2.2	128	5.4	137	2.1	121	5.1	129	1.9	114
7.3	187	2.8	165	7.0	179	2.7	158	6.7	171	2.6	151
9.0	228	3.4	202	8.7	220	3.3	195	8.4	212	3.2	188
10.6	270	4.1	239	10.3	262	4.0	232	10.0	254	3.8	225
12.3	312	4.7	276	12.0	304	4.6	269	11.6	296	4.5	262
13.9	353	5.3	313	13.6	345	5.2	306	13.3	337	5.1	299
15.6	395	6.0	350	15.2	387	5.8	343	14.9	379	5.7	336
17.2	437	6.6	387	16.9	429	6.5	380	16.6	421	6.3	373
18.8	478	7.2	424	18.5	470	7.1	417	18.2	462	7.0	409
20.5	520	7.8	461	20.2	512	7.7	453	19.8	504	7.6	446
22.1	562	8.5	497	21.8	554	8.4	490	21.5	546	8.2	483
23.8	603	9.1	534	23.4	595	9.0	527	23.1	587	8.9	520
25.4	645	9.7	571	25.1	637	9.6	564	24.8	629	9.5	557
27.0	687	10.4	608	26.7	679	10.2	601	26.4	671	10.1	594
28.7	728	11.0	645	28.4	720	10.9	638	28.0	712	10.7	631
30.3	770	11.6	682	30.0	762	11.5	675	29.7	754	11.4	668
32.0	812	12.2	719	31.6	804	12.1	712	31.3	796	12.0	705
33.6	853	12.9	756	33.3	845	12.8	749	33.0	837	12.6	742
35.2	895	13.5	793	34.9	887	13.4	786	34.6	879	13.3	779
36.9	937	14.1	830	36.6	929	14.0	822	36.2	921	13.9	815
38.5	978	14.8	866	38.2	970	14.6	859	37.9	962	14.5	852
40.2	1020	15.4	903	39.8	1012	15.3	896	39.5	1004	15.1	889
41.8	1062	16.0	940	41.5	1054	15.9	933	41.2	1046	15.8	926
43.4	1103	16.6	977	43.1	1095	16.5	970	42.8	1087	16.4	963
45.1	1145	17.3	1014	44.8	1137	17.2	1007	44.5	1129	17.0	1000
46.7	1187	17.9	1051	46.4	1179	17.8	1044	46.1	1171	17.7	1037
48.4	1228	18.5	1088	48.0	1220	18.4	1081	47.7	1212	18.3	1074
50.0	1270	19.2	1125	49.7	1262	19.0	1118	49.4	1254	18.9	1111
51.6	1312	19.8	1162	51.3	1304	19.7	1155	51.0	1296	19.6	1148
53.3	1353	20.4	1199	53.0	1345	20.3	1192	52.7	1337	20.2	1184
54.9	1395	21.0	1236	54.6	1387	20.9	1228	54.3	1379	20.8	1221
56.6	1437	21.7	1272	56.3	1429	21.6	1265	55.9	1421	21.4	1258
58.2	1478	22.3	1309	57.9	1470	22.2	1302	57.6	1462	22.1	1295
59.8	1520	22.9	1346	59.5	1512	22.8	1339	59.2	1504	22.7	1332
61.5	1562	23.6	1383	61.2	1554	23.4	1376	60.9	1546	23.3	1369
63.1	1603	24.2	1420	62.8	1595	24.1	1413	62.5	1587	24.0	1406
64.8	1645	24.8	1457	64.5	1637	24.7	1450	64.1	1629	24.6	1443
66.4	1687	25.5	1494	66.1	1679	25.3	1487	65.8	1671	25.2	1480
68.0	1728	26.1	1531	67.7	1720	26.0	1524	67.4	1712	25.8	1517
69.7	1770	26.7	1568	69.4	1762	26.6	1561	69.1	1754	26.5	1553
71.3	1812	27.3	1605	71.0	1804	27.2	1597	70.7	1796	27.1	1590
73.0	1853	28.0	1641	72.7	1845	27.8	1634	72.3	1837	27.7	1627
74.6	1895	28.6	1678	74.3	1887	28.5	1671	74.0	1879	28.4	1664
76.3	1937	29.2	1715	75.9	1929	29.1	1708	75.6	1921	29.0	1701
77.9	1978	29.9	1752	77.6	1970	29.7	1745	77.3	1962	29.6	1738

Connectors

Item	Description	Model	Dimensions	Order Code
	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
	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

VOLTAGE DROP INFORMATION FOR THE FEED-IN LINE (From Driver to Fixture)



UHD 15	Cable Cross Section							
	Run length		Max. cable length between driver and LED tape					
	feet	m	AWG 22		AWG 15			
		feet	m	feet	m	feet	m	
	3.3	1	37.4	11.4	165.6	50.4		
	6.6	2	18.7	5.7	82.6	25.2		
	9.8	3	12.4	3.8	55.1	16.8		
	13.1	4	9.1	2.8	41.3	12.6		
	16.4	5	7.2	2.2	32.8	10.0		
	19.6	6	6.2	1.9	27.5	8.4		
	22.9	7	5.2	1.6	23.6	7.2		

Calculation refers to the cable configuration on-site. Calculation based on a max. voltage drop of 0.85 V.

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
 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