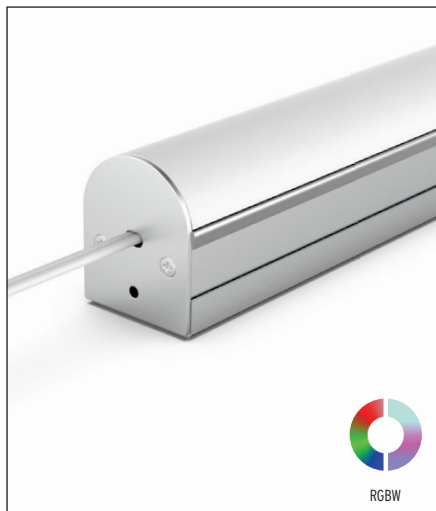


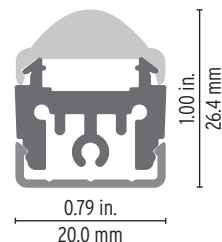
SurfaceMount High Output - RGBW Assembled Fixture



Designed for a variety of linear LED lighting needs. The fixture delivers high light output where smaller installation heights are required. High light extraction efficacy and superior light quality.

Features

- Designed to give a uniform light without hot spots.
- Compatible with multiple installation accessories.
- Various linear lens options for different lighting requirements.



Project name

Fixture type Phase

Specifier Date



Cable Feed: End (E)
Max 12.2 W/ft

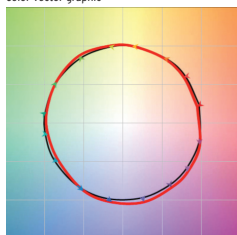
Order Code

Family	LED Tape	CRI	CCT	Optic	Cable / Connector ³	Cable Position	Mounting ²	Fixture length (mm)	Ingress
VarioLED 0016	-----	W_	---	---	---	---	---	---	IP20
Surface High Output	RGBW HD20-6.1 w/ft, 280 lm/ft	W9 95CRI	30 3000K	RC Round Clear	OB Open Cable both sides [6']	E End	FMP Flat Mounting Profile 6.5'	Refer to length chart on page 3	IP20
			40 4000K	R5 Round Semi-Opal	OS Open Cable one side only [6']	FMC Flat Mounting Clip			
		RO Round Opal		15C 15° Mounting Clip					
				30C 30° Mounting Clip					
				45C 45° Mounting Clip					
				90C 90° Mounting Clip					
			15D 15° Dome Lens		45C 45° Mounting Clip				
			30D 30° Dome Lens		PMC Plastic Mounting Clip				
			60D 60° Dome Lens		AMC Adjustable Mounting Clip				
			90D 90° Dome Lens		WMP Wall Mounting Profile 6.5'				

¹ Delivered Lumens @3000K with Clear Optic. ² See Components spec sheet for details. ³ 5 x 32 AWG cables are supplied.

LED Tape Specifications

Color vector graphic



Color distortion graphic



R_r 91
R_g 101
CRI 95
R₉ 77

3000 4000 Kelvin

HD - High density / 13.8 mm LED pitch



L80/B10
> 60,000 h

Wxxx/
339

		HD20		HD40		HD20		HD40	
		CCT	Lumen/ft ^A	W/ft ^B	Lumen/ft ^A	W/ft ^B	Power (W/ft) ^A	Efficacy (lm / W) ^A @ W850	Reel length (ft / m)
RGBW	● W930	3,000 K	290	6.1	490	12.2	6.1	73	13.1 / 4
	● W940	4,000 K	300	6.1	510	12.2	12.2	55	6.6 / 2
	● RGB Red	622 nm	30	-	40	-	80	80	
	● RGB Green	532 nm	110	-	140	-	576	288	
	● RGB Blue	466 nm	20	-	30	-			
	● RGB total	-	160	-	190	-			
							Max ambient temperature (T _{max})	104°F / 40°C	95°F / 35°C

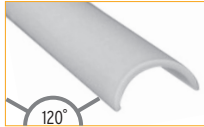
^A Lumen values represent bare LED tape. Refer to page 2 to calculate delivered fixture lumens by using the light efficiency percentages.

^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

ROUND OPAL

55% light efficiency



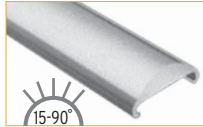
Dot free

5% warmer CCT offset

This lens provides a homogenous line of light.

LINEAR DOME LENS

80% light efficiency

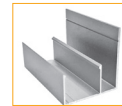


Visible Dotting

2% warmer CCT offset

A converging lens that shapes the beam spread for targeted and focused lighting.

Mounting Dimensions



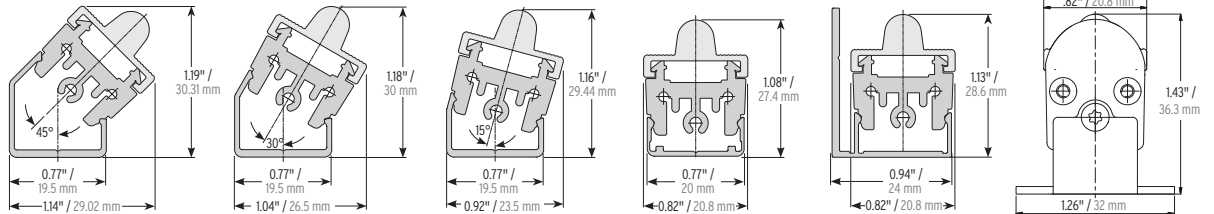
15C/30C/45C
Angled Mounting Clips

FMP
Flat Mounting Profile

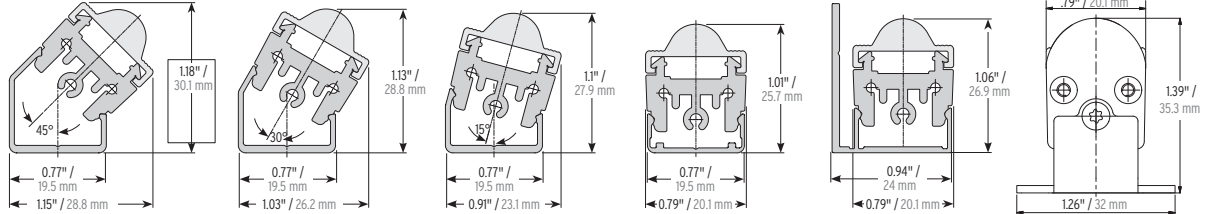
WMP
Wall Mounting Profile

Adjustable
Mounting Clip

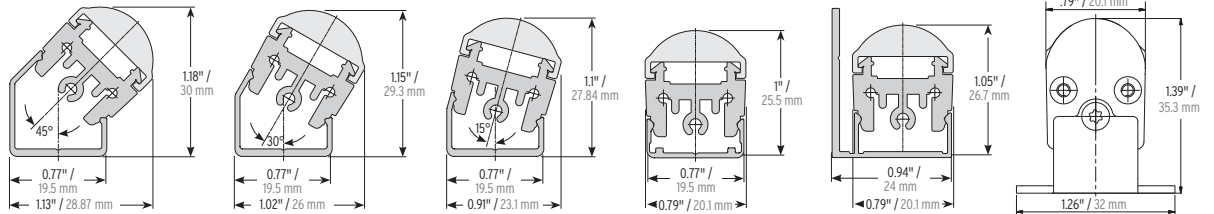
Linear Dome
Lens 15°



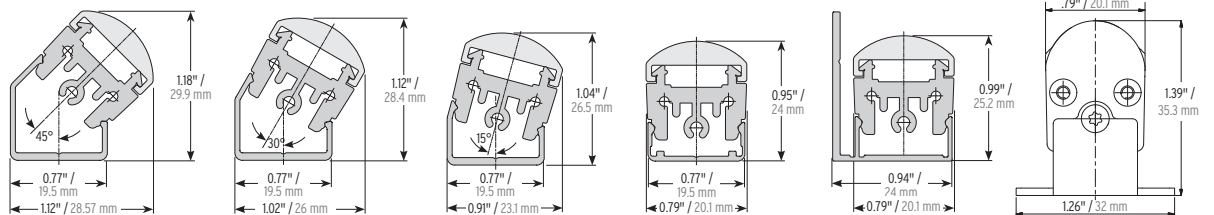
Linear Dome
Lens 30°



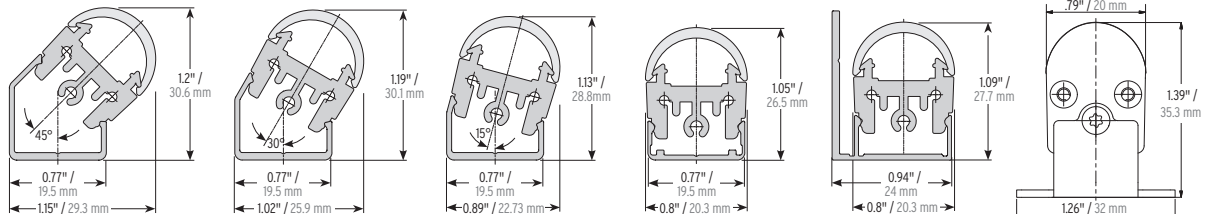
Linear Dome
Lens 60°



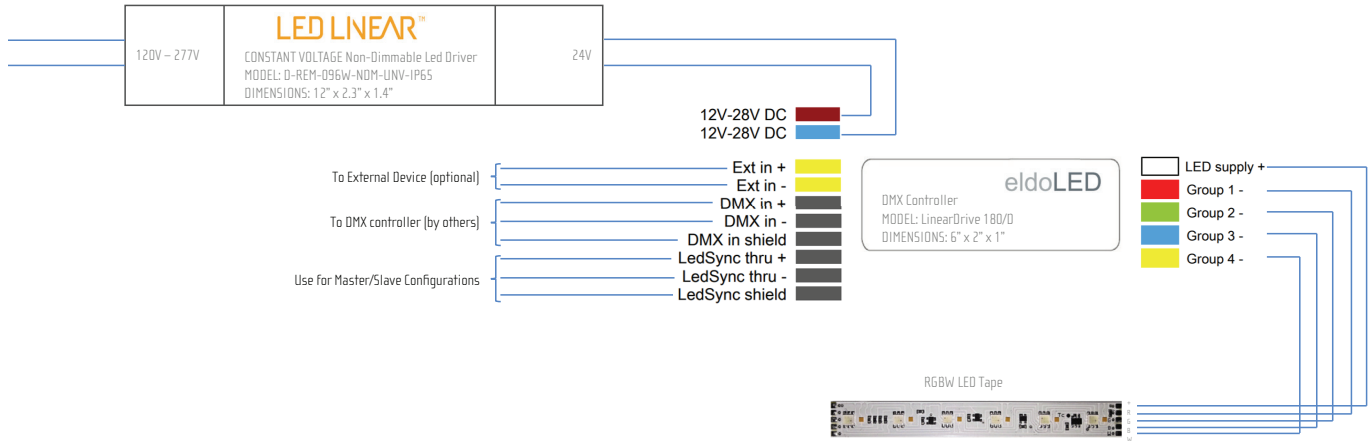
Linear Dome
Lens 90°



Round





RGBW Wiring Diagram





LENGTH CHART

Fixture length		HD20 4.6 Watts/Ft		HD40 4.6 Watts/Ft	
inches	mm	Watts/fixture	Lumens/fixture @3000K	Watts/fixture	Lumens/fixture @3000K
4.1	103	2.1	95	4.1	159
7.3	187	3.7	171	7.5	288
10.6	270	5.4	248	10.8	416
13.9	353	7.1	324	14.1	545
17.2	437	8.7	401	17.5	673
20.5	520	10.4	478	20.8	802
23.8	603	12.1	554	24.1	930
27.0	687	13.7	631	27.5	1059
30.3	770	15.4	707	30.8	1187
33.6	853	17.1	784	34.1	1315
36.9	937	18.7	860	37.5	1444
40.2	1020	20.4	937	40.8	1572
43.4	1103	22.1	1013	44.1	1701
46.7	1187	23.7	1090	47.5	1829
50.0	1270	25.4	1166	50.8	1958
53.3	1353	27.1	1243	54.2	2086
56.6	1437	28.7	1319	57.5	2215
59.8	1520	30.4	1396	60.8	2343
63.1	1603	32.1	1472	64.2	2472
66.4	1687	33.7	1549	67.5	2600
69.7	1770	35.4	1626	70.8	2729
73.0	1853	37.1	1702	74.2	2857
76.2	1937	38.7	1779	77.5	2985

Compatible Drivers

Item	Specifications	Downloads
<p>LED LINEAR™ Non-Dimmable Drivers</p> 	<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
<p>eldoLED DALI/DMX Dimmable Drivers</p> 	<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
<p>eldoLED Controllers</p>  	<p>180/D DMX Controller for RGB/W and Tunable White Applications</p> <p>DimWheel DMX Wall Controller for RGB/W and Tunable White Applications</p>	180/D SPEC SHEET DIM WHEEL SPEC SHEET

Click for more information

VOLTAGE DROP CALCULATOR

INSTALLATION

LED LINEAR TECHNOLOGY