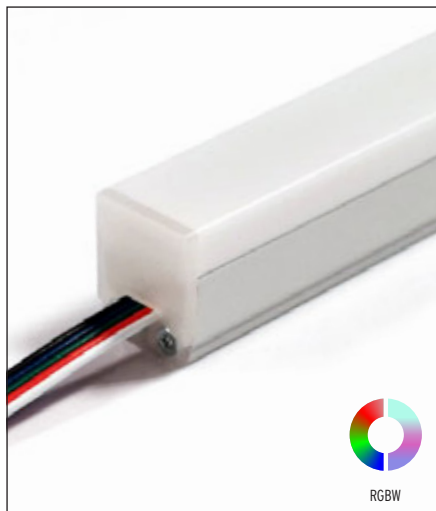


SurfaceMount Shallow - RGBW Assembled Fixture

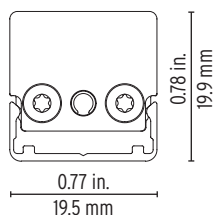
LED LINEAR™



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

Features

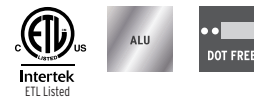
- Designed to give a uniform light without hot spots.
- Extra heatsinking to accommodate better heat dissipation.
- Compatible with multiple installation accessories.



Project name _____

Fixture type _____ Phase _____

Specifier _____ Date _____



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

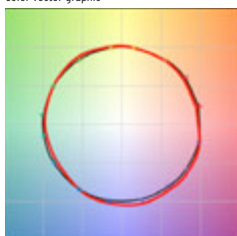
Order Code

Family	LED Tape	CRI	CCT	Optic	Cable / Connector ³	Cable Position	Mounting ²	Fixture length (mm)	Ingress
VarioLED 0004	-----	W9	---	---	---	---	---	-----	IP20
Surface Shallow RGBW	RGBW HD20-6.1 w/ft, 280 lm/ft	W9 95CRI	30 3000K	HD High Opal	FM Female & Male (4")	E End	FMP Flat Mounting Profile 6.5'	Refer to length chart on page 3	IP20
	RGBW HD40-12.2 w/ft, 675 lm/ft		40 4000K	LO Low Opal	MS Male one side only (4")		FMC Flat Mounting Clip		
				RO Round Opal	OB Open Cable both sides (6')		15C 15° Mounting Clip		
					OS Open Cable one side only (6')		30C 30° Mounting Clip		
				HS High Semi-Opal			45C 45° Mounting Clip		
				LS Low Semi-Opal			PMC Plastic Mounting Clip		
				RS Round Semi-Opal			AMC Adjustable Mounting Clip		
							WMP Wall Mounting Profile 6.5'		
				HC High Clear					
				LC Low Clear					
				RC Round Clear					

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



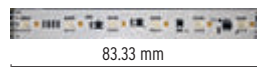
Color distortion graphic



R_r 91
R_g 101
CRI 95
R9 77

3000 4000 Kelvin

HD - High density / 13.8 mm LED pitch



83.33 mm

L80/B10
> 60,000 h

W_{xxx}/
339

— Reference illuminant — Test source @ 4000K

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

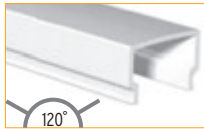
^A Lumen values represent bare LED tape. Refer to page 2 to calculate delivered fixture lumens by using the light efficiency percentages.

^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

HIGH OPAL

55% light transmittance



Dot free

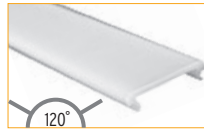
5% warmer CCT offset

This lens provides a homogenous line of light.

Clear and Semi-Opal are 95% and 80% efficient respectively. They exhibit visible dotting effect.

LOW OPAL

50% light transmittance



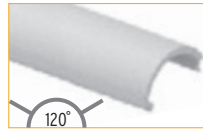
Dot free

5% warmer CCT offset

This lens provides a homogenous line of light.

ROUND OPAL

55% light transmittance

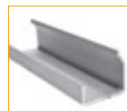


Dot free

5% warmer CCT offset

This lens provides a homogenous line of light.

Mounting Dimensions



15C/30C/45C
Angled Mounting Clips



FMP/FMC
Flat Mounting
Profile / Clip



PMC
Plastic
Mounting Clip

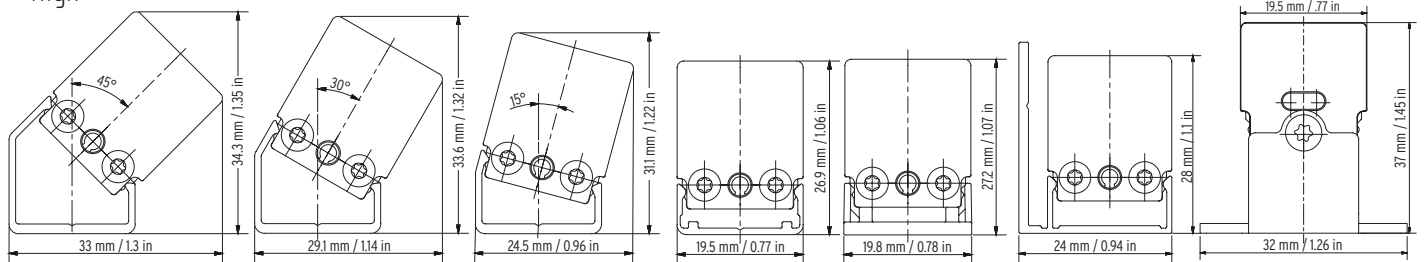


WMP
Wall Mounting Profile

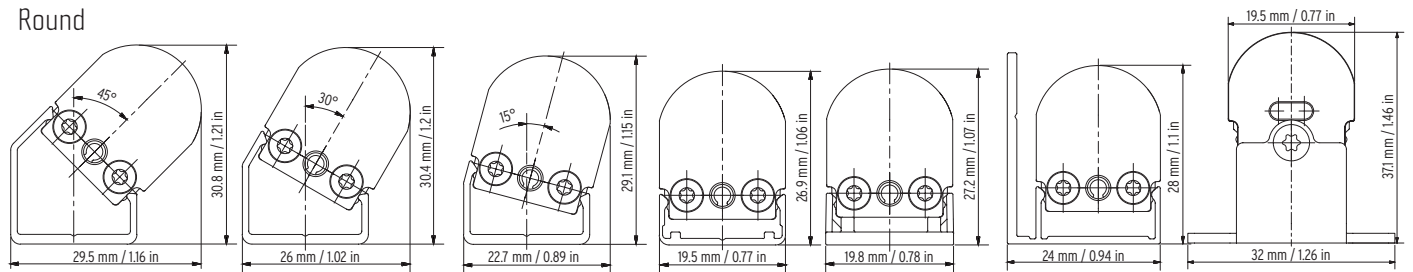


Adjustable
Mounting Clip

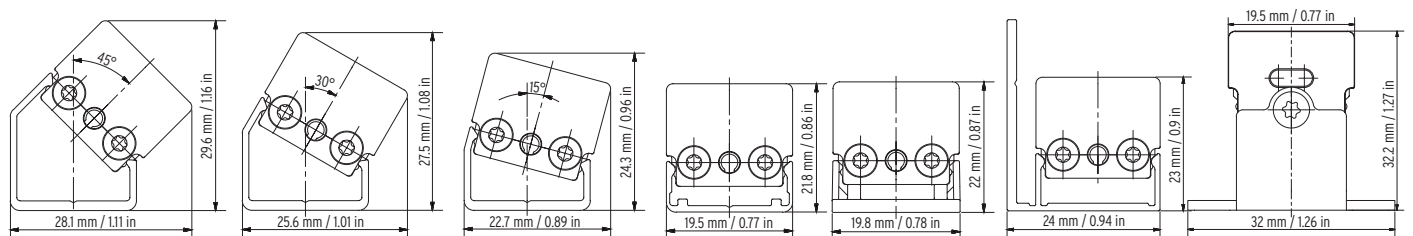
High



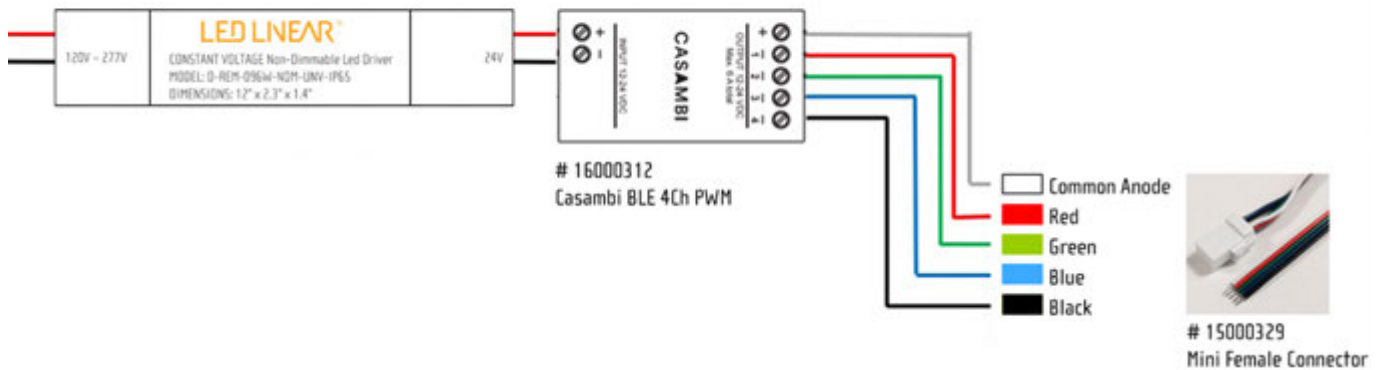
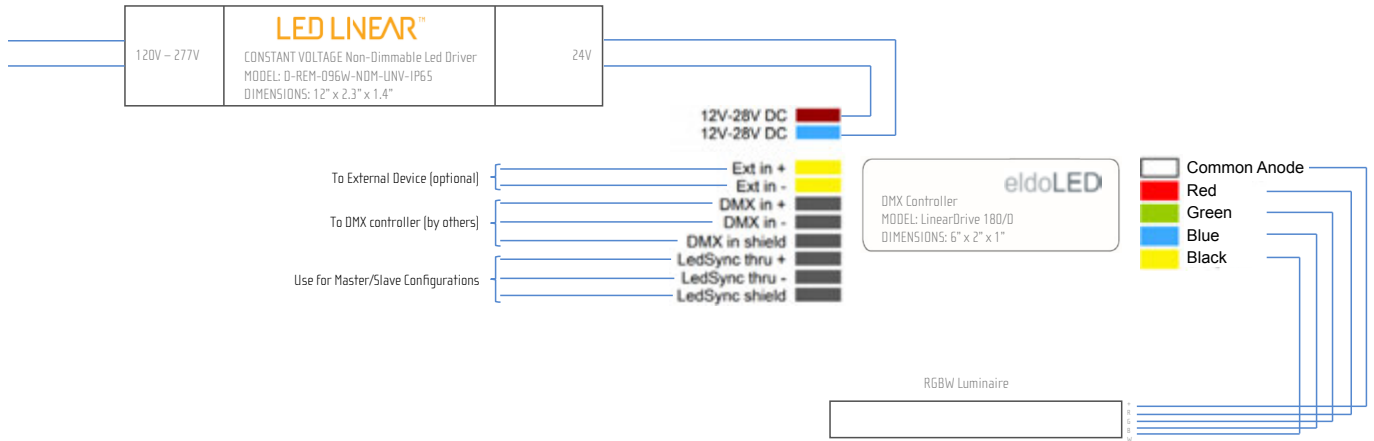
Round






Low



RGBW Wiring Diagram





Cables and Connectors

Item	Description	Model	Dimensions	Order Code
	Use to run cable from the driver to the first fixture of the run or to the next fixture. Female mini connector on one side and open end cable on the other side.	RGBW	5 x 24 Awg, 8 in 5 x 24 Awg, 6.5 ft	15000329 15000330
	Use to extend the distance between connection points. Female connector on one side and male connector on the other side.	RGBW	5 x 24 Awg, 4 in 5 x 24 Awg, 6.5 ft	15000327 15000328
	Use to seal unused connectors and maintain IP67 ingress protection.	RGBW	—	15000332



LENGTH CHART

Fixture length		HD20 6.1 Watts/Ft		HD40 12.2 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
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
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 DimWheel DMX Wall Controller for RGB/W and Tunable White Applications	180/D SPEC SHEET DIM WHEEL SPEC SHEET
CASAMBI Controller 	1600312 Casambi PWM Bluetooth wireless Controller (use with Casambi IOS/Android App)	SPEC SHEET

Click for more information

VOLTAGE DROP CALCULATOR

INSTALLATION

LED LINEAR TECHNOLOGY