

Pendant/Surface Mount Round - Assembled Fixture

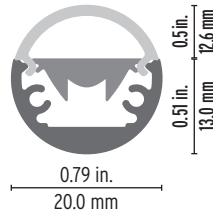
LED LINEAR™



Round fixture designed for a variety of linear LED lighting needs. The fixture fits 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: Behind (B)
Max 7.6 W/ft

Order Code

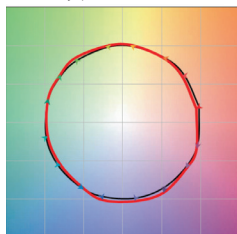
Family	LED Tape	CRI	CCT	Finish	Optic	Cable / Connector ⁴	Cable Position	Mounting ³	Fixture length (mm)	Ingress
VarioLED 0024	-----	W_	---	---	---	---	---	---	-----	IP20
Pendant/Surface Round	Nexus HD6 —1.8 w/ft, 155 lm/ft	W8 85CRI	22 2200K ²	S Silver	RO Round Opal	FM Female & Male (4")	B Behind	PMK Pendant Mounting Kit	Refer to length chart on page 3	IP20
	Nexus HD10 —2.9 w/ft, 250 lm/ft	W9 95CRI	27 2700K	B Black	LO Low Opal	MS Male one side only (4")				
	Nexus HD15 —4.7 w/ft, 400 lm/ft		30 3000K			OB Open Cable both sides (6")		PCK Pendant Canopy Kit		
	Nexus HD25 —7.6 w/ft, 670 lm/ft		35 3500K		10L 10° Linear Flat Lens	OS Open Cable one side only (6")		SMC Surface Mounting Clip		
			40 4000K					VMC Vertical Mounting Clip		
			50 5000K ²		30L 30° Linear Flat Lens					
					60L 60° Linear Flat Lens					

¹ Delivered Lumens @3000K with Clear Optic. ² Available only in 85CRI. ³ See Components spec sheet for details. ⁴ 2 x 22 AWG wires are supplied. See page 3 for more connectors. ⁵ Order with Pendant Mounting Kit for live electrical feeds.

LED Tape Specifications

Color vector graphic

Color distortion graphic



R_r 92
R_v 101
CRI 95
R9 85

2200 2700 3000 3500 4000 5000 Kelvin

HD - High density / 8.93 mm LED pitch



L90/B10
> 60,000 h

Wxxx/
339

— Reference illuminant — Test source @ 3000K

		HD6		HD10		HD15		HD25							
		CCT	Lumen/ft ⁴	W/ft ⁸	Lumen/ft ⁴	W/ft ⁸	Lumen/ft ⁴	W/ft ⁸	Lumen/ft ⁴		W/ft ⁸				
Static White	● W822	2,200 K	140	1.8	240	2.9	390	4.7	650	7.6	Power (W/ft) ⁹	1.8	2.9	4.7	7.6
	● W927	2,700 K	150	1.8	260	2.9	410	4.7	670	7.6	Max interconnected length (ft/m)	24.6 / 7.5	16.4 / 5	16.4 / 5	9.8 / 3
	● W930	3,000 K	160	1.8	260	2.9	420	4.7	690	7.6	Efficacy (lm / W) ⁹ @ W850	109	115	118	120
	● W935	3,500 K	160	1.8	270	2.9	430	4.7	710	7.6	CRI / R9 @ 3000 K	95 / 75	95 / 75	95 / 75	95 / 75
	● W940	4,000 K	160	1.8	270	2.9	440	4.7	710	7.6	R _r / R _v @ 3000 K	95 / 100	95 / 100	95 / 100	95 / 100
	● W850	5,000 K	190	1.8	340	2.9	550	4.7	910	7.6	Max ambient temp. (T _{a,max})	122°F/50°C	122°F/50°C	113°F/45°C	104°F/40°C

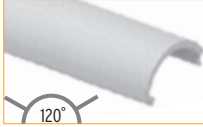
⁴ Lumen values represent bare LED tape. Refer to page 2 to calculate delivered fixture lumens by using the light efficiency percentages.

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%.

Contour - Technical Details

ROUND OPAL

55% light transmittance



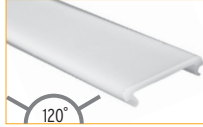
Dot free

5% warmer CCT offset

This lens provides a homogenous line of light.

LOW OPAL

50% light transmittance



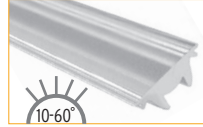
Dot free

5% warmer CCT offset

This lens provides a homogenous line of light.

LINEAR FLAT LENS

80% light transmittance



Visible Dotting

2% warmer CCT offset

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

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

Mounting Dimensions

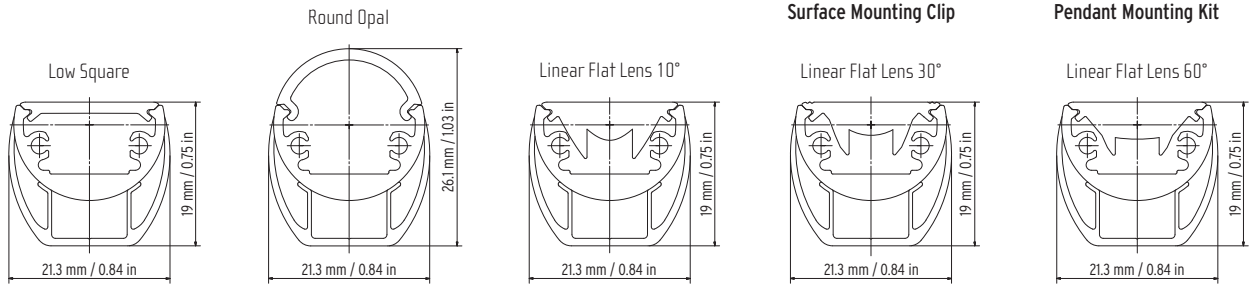
Fixture with Surface Mounting Clip / Pendant Mounting Kit



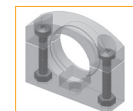
SMC
Surface Mounting Clip



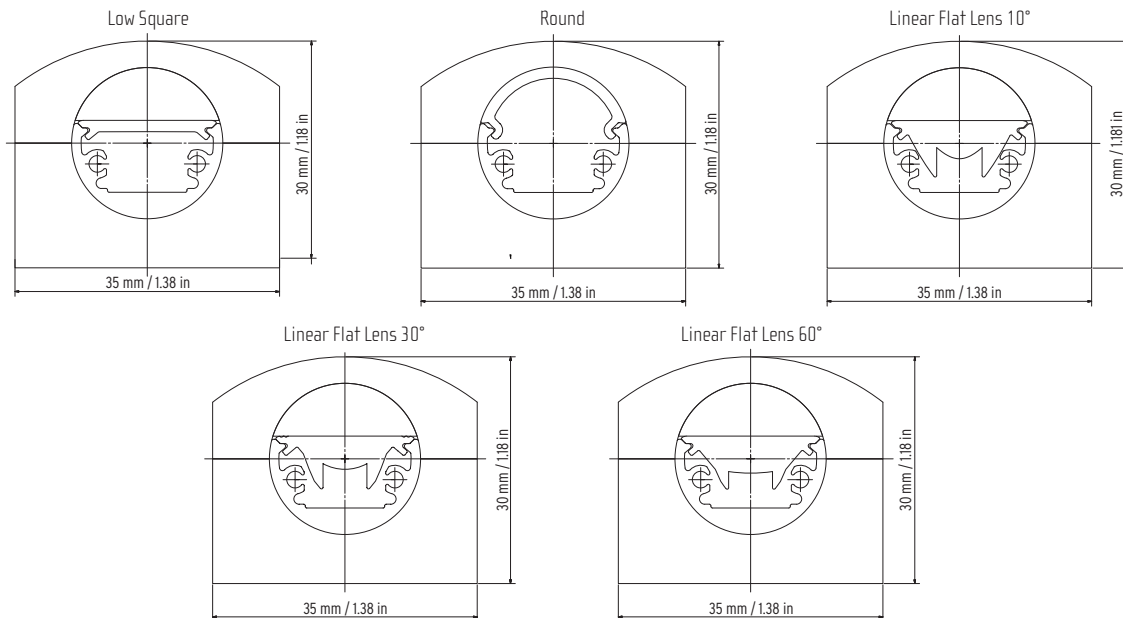
PMK
Pendant Mounting Kit



Fixture with Vertical Mounting Clip





VMC
Vertical Mounting Clip



LENGTH CHART

Fixture length		HD6 1.8 Watts/Ft		HD10 2.9 Watts/Ft		HD15 4.7 Watts/Ft		HD25 7.6 Watts/Ft	
inches	mm	Watts/fixture	Lumens/fixture @3000K	Watts/fixture	Lumens/fixture @3000K	Watts/fixture	Lumens/fixture @3000K	Watts/fixture	Lumens/fixture @3000K
3.2	83	0.5	42	0.8	68	1.2	108	2.1	181
5.7	145	0.9	74	1.4	119	2.2	190	3.6	319
8.2	208	1.2	105	2.0	170	3.1	272	5.2	456
10.6	270	1.6	137	2.7	221	4.1	354	6.7	593
13.1	333	2.0	169	3.3	273	5.0	436	8.3	731
15.6	395	2.3	201	3.9	324	6.0	518	9.8	868
18.0	458	2.7	233	4.5	375	6.9	600	11.4	1005
20.5	520	3.1	264	5.1	426	7.8	682	13.0	1143
22.9	583	3.4	296	5.7	478	8.8	764	14.5	1280
25.4	645	3.8	328	6.3	529	9.7	846	16.1	1417
27.9	708	4.2	360	7.0	580	10.7	928	17.6	1555
30.3	770	4.5	391	7.6	631	11.6	1010	19.2	1692
32.8	833	4.9	423	8.2	683	12.6	1092	20.8	1830
35.2	895	5.3	455	8.8	734	13.5	1174	22.3	1967
37.7	958	5.7	487	9.4	785	14.4	1256	23.9	2104
40.2	1020	6.0	519	10.0	836	15.4	1338	25.4	2242
42.6	1083	6.4	550	10.7	888	16.3	1420	27.0	2379
45.1	1145	6.8	582	11.3	939	17.3	1502	28.5	2516
47.5	1208	7.1	614	11.9	990	18.2	1584	30.1	2654
50.0	1270	7.5	646	12.5	1041	19.2	1666	31.7	2791
52.5	1333	7.9	677	13.1	1093	20.1	1748	33.2	2928
54.9	1395	8.2	709	13.7	1144	21.0	1830	34.8	3066
57.4	1458	8.6	741	14.3	1195	22.0	1912	36.3	3203
59.8	1520	9.0	773	15.0	1246	22.9	1994	37.9	3340
62.3	1583	9.3	805	15.6	1298	23.9	2076	39.4	3478
64.8	1645	9.7	836	16.2	1349	24.8	2158	41.0	3615
67.2	1708	10.1	868	16.8	1400	25.8	2240	42.6	3752
69.7	1770	10.5	900	17.4	1451	26.7	2322	44.1	3890
72.1	1833	10.8	932	18.0	1503	27.6	2404	45.7	4027
74.6	1895	11.2	963	18.6	1554	28.6	2486	47.2	4164
77.1	1958	11.6	995	19.3	1605	29.5	2568	48.8	4302


Connectors and Mounting Accessories

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
	Pendant canopy kit including 5" round metal canopy, J-box mounting cross bar, silver cable grippers and mounting screws. Covers standard junction boxes and recommended to use for every live electrical feed.	White Canopy Finish Silver Hardware	-	Canopy Kit 4

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