

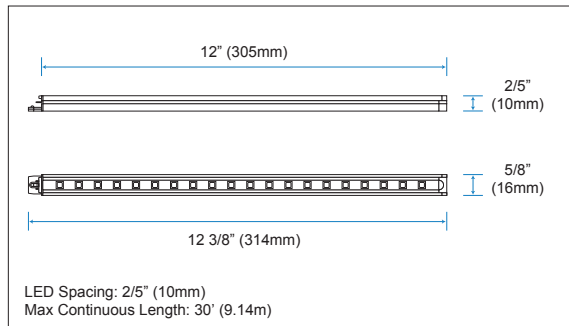
SPECIFICATION

Dimmable Linear LED Fixture:

Low profile, commercial grade, rigid linear fixture. This efficient, cool running solid state fixture is designed with easy modular connections that can be linked in distances of up to 30 feet. Constructed with an anodized aluminum body to conceal the PCB. Simple installation using the integral hidden mounting clips. Dimmable with MODA drivers.



Dimensions:

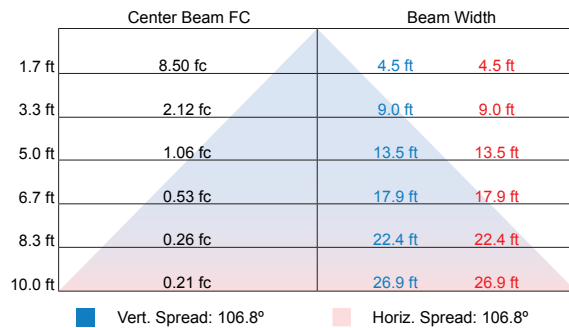


Output:

Delivered Lumens	91.80 lm / ft
CCT	3000k
Chromaticity Ordinates	x: 0.44 y: 0.416 Typical
Color Bin Tolerance	+ 3% / - 3%
Efficacy (lm/w)	46.83
CRI	82
Lumen Maintenance	70,000 Hours L70 @ 25°C : 90,000 Hours L50 @ 25°C 50,000 Hours L70 @ 50°C : 70,000 Hours L50 @ 50°C
Testing Data	Light Data LM-79-08 & LM-80-08

Illuminance at a Distance: Data Shown for 110°

(For lux multiply fc by 10.7)

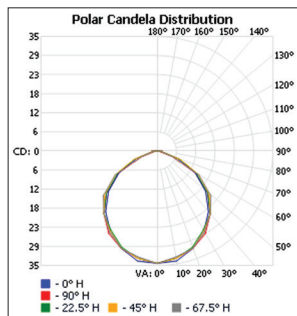


Electrical:

Input Voltage	24v DC
Power Consumption	1.96w (0.02A) - Varies based on length of run & driver
Power Factor	≤ 1
Dimming	100-277v 0-10v & Magnetic Low Voltage
Emergency	N/A

Polar Candela Distribution:

Data Shown for 110°



Lumens per Zone:

Zone	Lumens	% Total
0-10	3.21	3.50%
10-20	9.18	10.00%
20-30	13.77	15.00%
30-40	16.70	18.20%
40-50	17.44	19.00%
50-60	15.33	16.70%
60-70	10.00	10.90%
70-80	4.13	4.50%
80-90	1.37	1.50%
90-100	0.55	0.60%

Physical:

Applications	Cove, Cabinet, Low Profile Installations, Furniture, and Signage
Dimensions	Length 11 4/5" (299mm) Width 3/5" (16mm) Height 2/5" (10mm)
Weight	2.3 oz (65.2g)
Construction	High Quality Anodized Aluminum
Thermal Management	MODA Aluminum Heat Sink
Optics	N/A
Fixture Connections	Modular Connectors
Operating Temperature	-22°F ~ 122°F (-30°C ~ 70°C)
Storage Temperature	-40°F ~ 176°F (-40°C ~ 80°C)
Humidity	0-95% Non Condensing

Project Name:			
Notes:			

SPECIFICATION

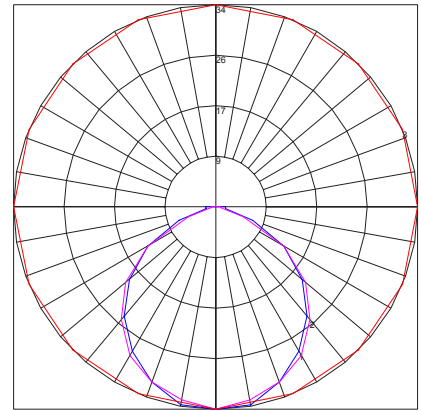
Zonal Lumen Summary:

Zone	Lumens	% Lamp	% Fixt
0-30	26.16	N.A.	28.50%
0-40	42.77	N.A.	46.60%
0-60	75.60	N.A.	82.40%
60-90	15.60	N.A.	17.00%
0-90	91.20	N.A.	99.40%
90-180	0.60	N.A.	0.60%
0-180	91.80	N.A.	100%

Luminance Data (cd/sq.m):

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	16792	17761	17437
55	15526	16919	15924
65	12967	14318	11887
75	8823	9705	6176
85	10482	10482	5244

Polar Graph: Data Shown for 110°



Candela Tabulation:




	0	22.5	45	67.5	90
0	34.334	34.334	34.334	34.334	34.334
10	34.126	33.293	33.293	32.877	33.293
20	31.629	31.213	31.629	31.629	31.629
30	28.299	27.883	28.299	28.715	29.132
40	24.138	24.970	24.970	24.970	24.970
50	19.144	19.976	20.809	21.225	19.976
60	13.317	13.734	14.566	14.566	13.318
70	6.659	7.075	7.491	4.994	4.994
80	1.665	1.665	1.665	1.665	0.833
90	1.665	0.416	1.665	0.833	0.833

Coefficients of Utilization - Zonal Cavity Method:

RC RW	80				70				50				30				10				0	
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102				100	
1	110	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87				85	
2	100	92	86	80	97	90	84	79	87	81	77	83	79	75	80	77	74				71	
3	91	81	73	67	89	80	72	66	77	70	65	75	68	64	71	67	63				61	
4	84	72	63	57	81	71	63	57	68	61	56	66	60	55	64	58	54				52	
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47				45	
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41				39	
7	66	53	44	38	64	52	44	38	50	43	37	49	42	37	47	41	37				35	
8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	43	37	33				31	
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30				28	
10	54	41	33	28	52	40	33	27	39	32	27	38	32	27	37	31	27				25	

Effective Floor Cavity Reflectance 0.20

Accessories:

		
MCLA04 6' 6" Leader Cable for ZILVA	MCLA03 Male / Female Flexible Connector for 90° Bends	MCLA06 End Cap
Connects ZILVA to Power Supply	Connects Two ZILVA And Allows for 90° Sharp Corner Bends	Plugs Into ZILVA To Terminate Power Running Through Series
Connector Dim. L: 3/5" (16mm) W: 3/5" (16mm) H: 2/5" (10mm)	Connector Dim. L: 2 1/5" (56mm) W: 3/5" (16mm) H: 2/5" (10mm)	L: 1/2" (13mm) W: 3/5" (15mm) H: 1/5" (5mm)

Standards and Certifications:

Certification	Tested to UL & CSA by ETL For Use in USA & CANADA, Complies with California Title 24 Requirements, Lighting Facts. Exceeds ANSI C78.377A, CE & RoHS Compliant.
Class	Class 3
Environment	Dry Location - IP20
Warranty	5 Year Limited Warranty


Ordering:





SKU: ZILVA-3000K

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SPECIFICATION

Non Dimming		Voltage Range	Wattage	IP Rating	Dimension
MP17		100-277v AC	150w	IP67	8 7/10" x 2 7/10" x 1 1/2" (222mm x 68mm x 39mm)

0-10v Dimming		Voltage Range	Wattage	IP Rating	Dimension
MP06		347v AC	60w	IP66	9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm)
MP19N		100-277v AC	60w	IP66	9 2/5" x 1 7/10" x 1 3/10" (240mm x 43mm x 32mm)
MP87		100-277v AC	100w	IP66	9 1/2" x 2 3/10" x 1 1/2" (241mm x 58mm x 37mm)
MP89		100-277v AC	150w	IP66	9 1/2" x 2 3/5" x 1 3/5" (241mm x 67mm x 40.5mm)

Ordering:

Sample SKU: MP19N