

ST8L117DMD40

8-FOOT INTEGRATED LED SURFACE MOUNT STRIP



Project _____ Date _____
 Prepared By _____
 Comments _____

OVERVIEW



EnviroLite wrap lights are the perfect solution for your lighting needs. These fixtures are designed to save energy and lower maintenance costs. The integrated LED light engine uses 30% less power to produce the same amount of light as fluorescent fixtures. Because it's LED, you will never hear the hum that fluorescent fixtures make.

APPLICATIONS

- Surface/Suspension Mount Ceiling Application for General Lighting in Facilities
- Retail Store Lighting
- Museums, Galleries, Showrooms
- Hotels, Hospitality Areas
- Hospitals, Clinics, Workrooms
- Corridors, Lobbies, Stairways, Conference Rooms
- School, College, University Lighting

BASIC FEATURES & INFO

- 5-Year warranty
- Energy savings of up to 30%
- Only 90 Watts usage
- Lumen maintenance over 70% @ 50,000+ hours
- White baked, powder-coated finish
- Die-formed, 24-gauge, post-painted steel
- CRI 82
- No UV/IR radiation; no toxic mercury
- Noise-free
- 0-10V dimmable

TECHNICAL SPECIFICATIONS

Dimensions (LxWxH)	96" x 3.4" x 3.5"
Weight	9.92 lbs.
Voltage	AC 120 – 277v
Lumens	11,700 lm
Wattage	90 W
Watt Equivalence	(4) 54 Watt T5 Fluorescent Bulbs
Efficacy	130 lm/W
CCT	4,000K
Dimming	0-10V
CRI	82
LED Beam Angle	120°
Expected Diode Life	50,000 Hours
Max. Ambient Temp.	104°F / 40° C
Min. Starting Temp.	-4° F / -20° C
Power Factor	0.90
THD	<20%

OPTICS

- Extruded prismatic white lens

CERTIFICATIONS

- cULus listed
- DLC Listed for rebate and tax incentive programs



LUMINAIRE PHOTOMETRIC REPORT

Filename ST8L117DMD40

Manufacturer	Cordelia Lighting Inc
Luminaire	ST8L117DMD40
Luminaire Category	Direct Linear Ambient Luminaires
Lamp Output	1 Lamp, Rated Lumens/Lamp 6,219.9
Max Candela	1,683.9 at Horizontal: 270°, Vertical: 5°
Input Wattage	45.72
Luminous Opening	Point
Test	RKSB200617005-10
Test Lab	BACL
Photometry	Type C
CIE Class	Semi-Direct
Cutoff Class	Noncutoff

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0° – 30°	1,303.9	21.0%
0° – 40°	2,140.0	34.4%
0° – 60°	3,857.9	62.1%
60° – 90°	1,649.0	26.5%
70° – 100°	1,195.4	19.2%
90° – 120°	550.9	8.9%
0° – 90°	5,506.8	88.6%
90° – 180°	709.0	11.4%
0° – 180°	6,215.9	100%

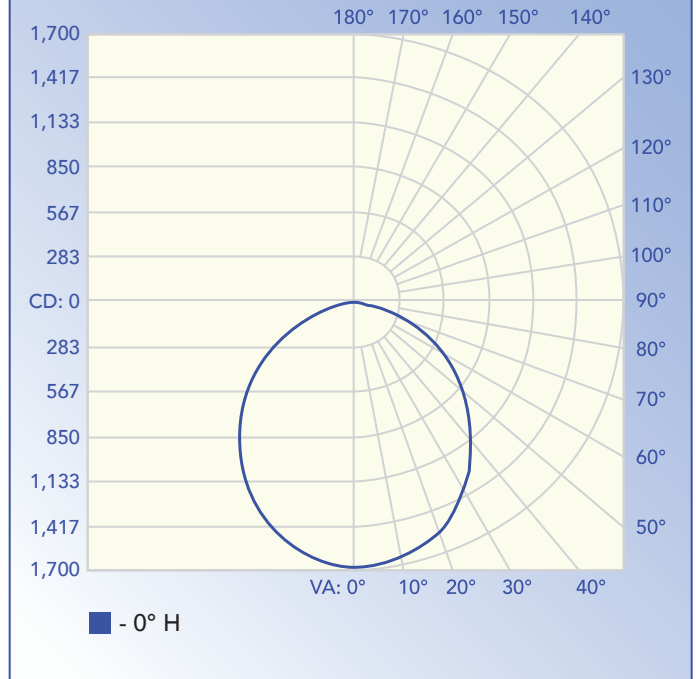
Illuminance at a Distance

	Center Beam fc	Beam Width
1.7 ft	582.0 fc	4.5 ft 8.8 ft
3.3 ft	154.0 fc	8.7 ft 17.1 ft
5.0 ft	67.2 fc	13.2 ft 26.0 ft
6.7 ft	37.4 fc	17.7 ft 34.8 ft
8.3 ft	24.4 fc	21.9 ft 43.1 ft
10.0 ft	16.8 fc	26.4 ft 51.9 ft

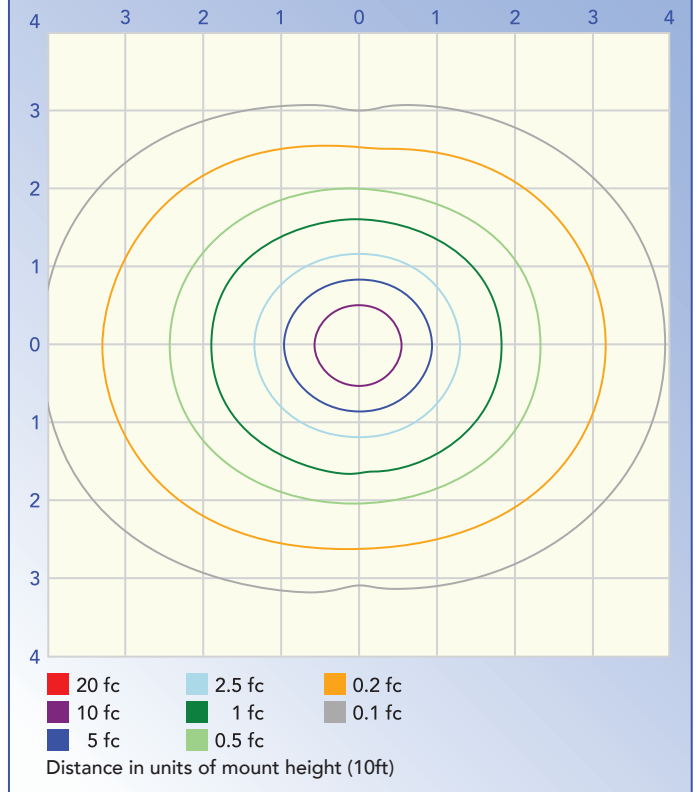
■ Vertical Spread: 105.7°

■ Horizontal Spread: 137.9°

Polar Candela Distribution



Isofootcandle Plot



NOTE: Need to put 4ft strip light next to each other to get the 8ft strip light reading