

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P217926

Luminaire Tested: **2SNLED-LD5-24SL-UNV-L850-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P217926
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35691)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNLED-LD5-24SL-UNV-L850-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 2FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2661.0 lumens
Efficiency: N/A
Efficacy: 154.7 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 2' x H: 0.17')
CIE Type: Direct

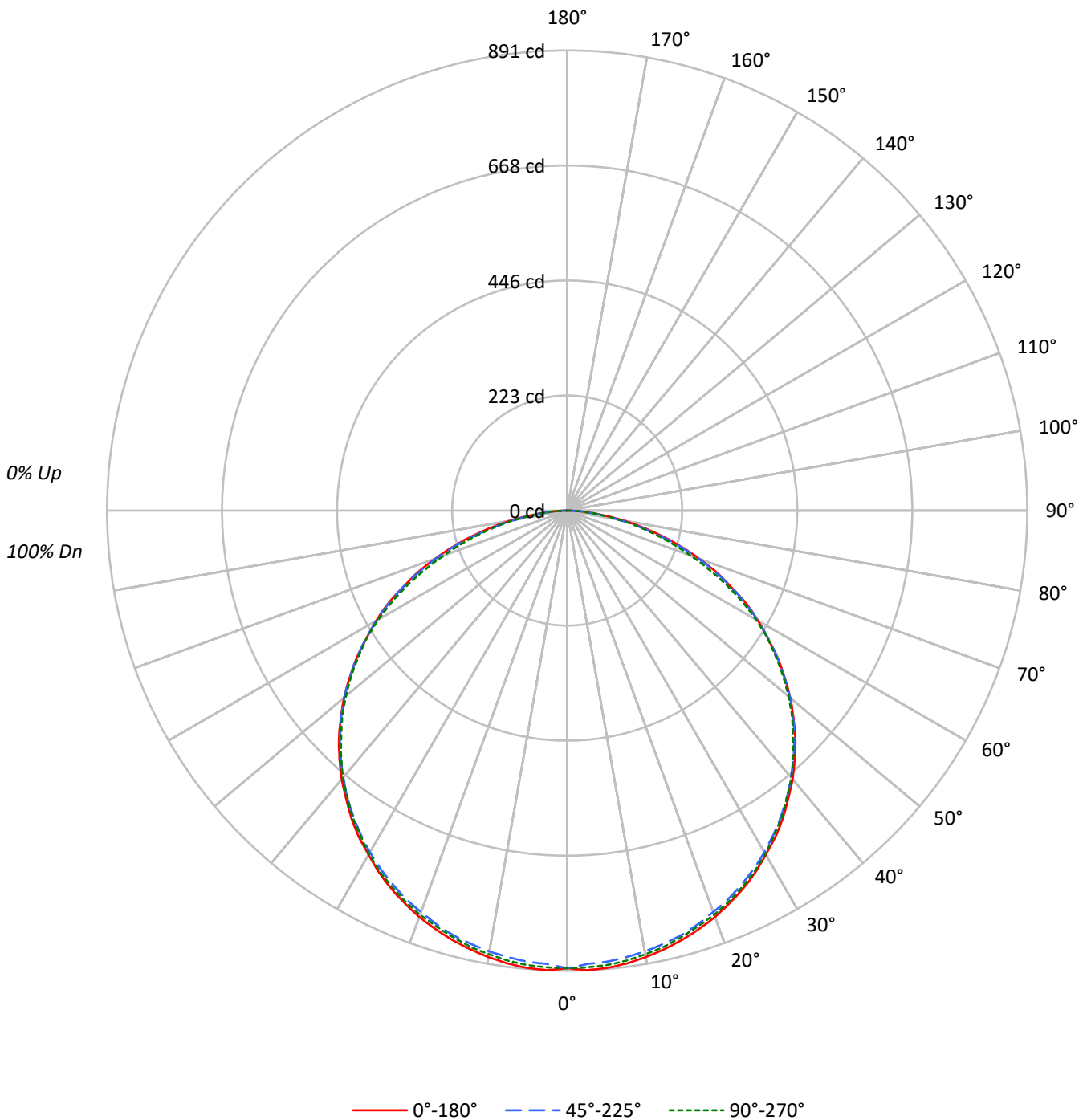
Input Watts (W): 17.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10	0		
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	109	104	99	95	106	101	97	94	97	94	91		93	91	88		90	87	85	83
2	98	90	83	77	96	88	82	76	85	79	75		81	77	73		78	75	71	69
3	90	79	70	64	87	77	70	63	74	68	62		71	66	61		69	64	60	58
4	82	70	61	54	80	68	60	53	66	58	53		63	57	52		61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45		57	50	45		55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40		51	44	39		50	44	39	37
7	64	50	42	35	62	50	41	35	48	40	35		47	40	35		45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31		43	36	31		42	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28		39	33	28		38	32	28	26
10	52	39	31	26	51	38	31	25	37	30	25		36	30	25		36	29	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	28560	28560	28560
5°	28551	26589	26282
10°	28312	24993	24269
15°	28082	23565	22495
20°	27872	22186	20940
25°	27624	20928	19483
30°	27311	19706	18107
35°	27055	18498	16760
40°	26703	17275	15452
45°	26286	16054	14092
50°	25722	14760	12799
55°	24995	13359	11415
60°	24045	11827	9965
65°	22675	10141	8257
70°	20809	8182	6387
75°	18085	5878	4576
80°	13791	3483	2843
85°	7662	1501	1151



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.0	3.2
10°-20°	241.8	9.1
20°-30°	370.4	13.9
30°-40°	453.4	17.0
40°-50°	479.8	18.0
50°-60°	443.8	16.7
60°-70°	344.6	12.9
70°-80°	194.1	7.3
80°-90°	49.1	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	696.2	26.2
0°-40°	1149.6	43.2
0°-60°	2073.2	77.9
0°-90°	2661.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2661.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	886	886	886	886	886	
5°	889	885	877	885	884	84
15°	860	858	851	859	855	243
25°	807	804	799	805	803	372
35°	728	725	722	724	724	455
45°	625	624	622	621	618	482
55°	498	500	498	496	493	444
65°	351	353	352	347	340	348
75°	190	190	182	178	174	201
85°	40	40	40	40	39	50
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	886.2	886.2	886.2	886.2	886.2
2.5°	890.8	887.1	878.9	887.1	885.3
5°	889.0	885.3	877.0	885.3	883.5
7.5°	884.4	881.6	872.4	880.7	878.9
10°	877.9	875.2	866.9	875.2	872.4
12.5°	869.7	866.9	859.5	866.9	865.1
15°	860.5	857.7	851.3	858.6	854.9
17.5°	849.4	847.6	840.2	847.6	843.9
20°	837.4	833.8	827.3	834.7	832.8
22.5°	822.7	820.9	814.4	820.9	819.0
25°	807.1	804.3	798.8	805.2	803.4
27.5°	789.6	787.8	782.2	786.8	786.8
30°	769.3	768.4	763.8	768.4	767.5
32.5°	750.0	748.2	743.6	747.3	745.4
35°	727.9	725.2	722.4	724.3	724.3
37.5°	703.1	702.2	699.4	702.2	699.4
40°	679.2	677.3	674.6	675.5	675.5
42.5°	652.5	651.6	648.8	648.8	647.9
45°	624.9	623.9	622.1	621.2	618.4
47.5°	594.5	593.6	593.6	592.7	590.8
50°	564.1	564.1	563.2	560.4	559.5
52.5°	531.0	532.8	530.1	528.2	527.3
55°	497.9	499.7	497.9	496.0	493.3
57.5°	461.1	464.7	462.0	461.1	460.1
60°	427.0	428.8	427.0	424.2	422.4
62.5°	392.0	392.0	389.3	387.4	381.9
65°	350.6	353.4	351.5	346.9	340.5
67.5°	313.8	312.0	310.1	304.6	297.2
70°	271.5	272.4	269.6	261.4	254.0
72.5°	231.0	232.8	227.3	216.3	214.4
75°	190.5	190.5	182.2	177.6	173.9
77.5°	149.1	150.0	139.0	138.0	137.1
80°	109.5	111.4	100.3	103.1	102.2
82.5°	74.5	72.7	68.1	68.1	67.2
85°	40.5	40.5	39.6	39.6	38.7
87.5°	15.6	16.6	18.4	20.2	19.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)