

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: P218627

Luminaire Tested: **2SNLED-LD5-18SL-RW-UNV-L835-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218627
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35689)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNLED-LD5-18SL-RW-UNV-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 2FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2003.0 lumens
Efficiency: N/A
Efficacy: 126.0 lumens/watt
Spacing Criteria (0/90/45): 1.32 / 1.19 / 1.33
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 2' x H: 0.17')
CIE Type: Direct

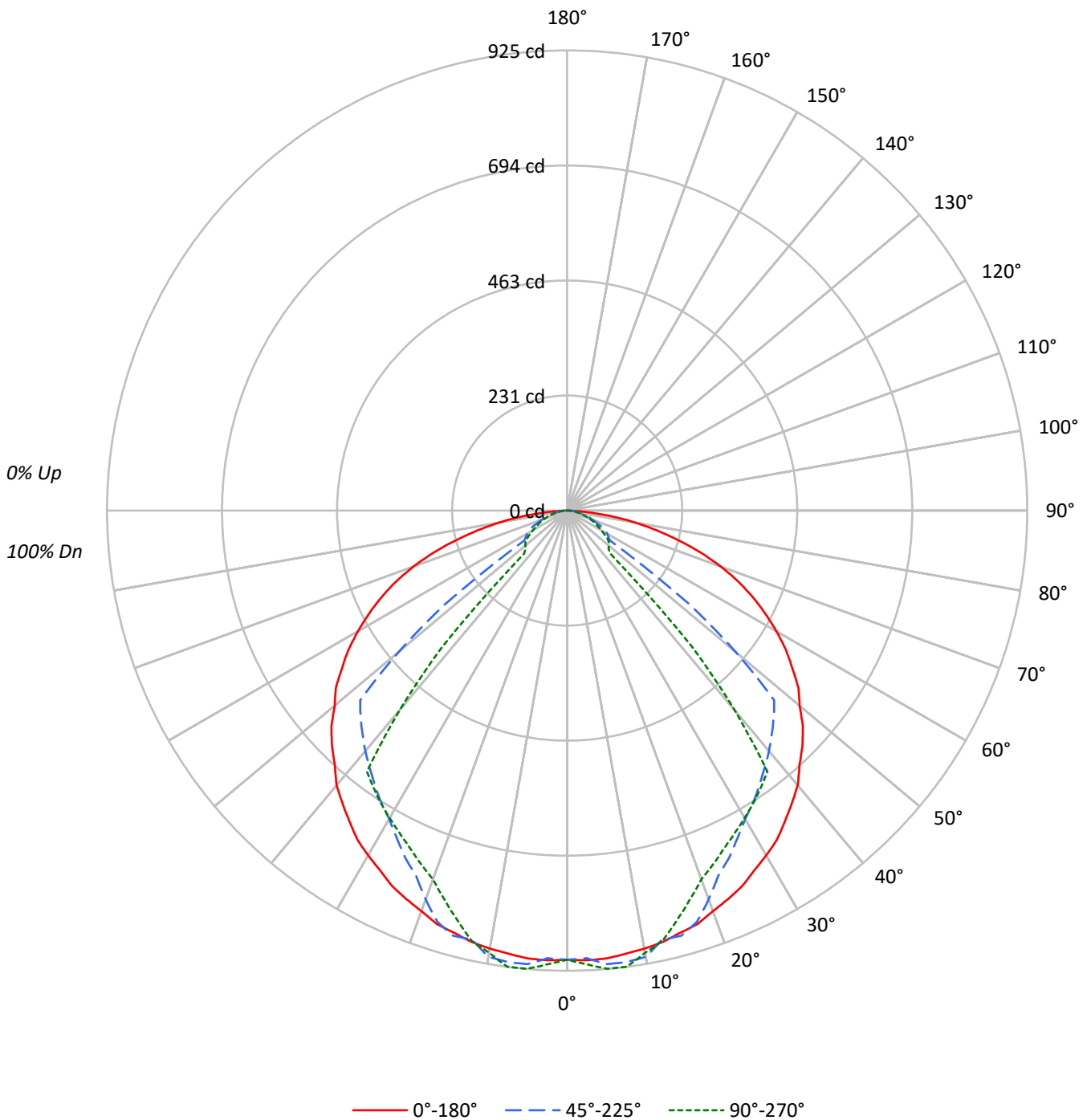
Input Watts (W): 15.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	110	106	103	99	108	104	101	98	100	97	95	96	94	92	92	91	89	87
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
3	94	84	77	71	91	83	76	71	80	74	70	77	72	68	75	71	67	65
4	87	76	68	62	84	74	67	61	72	66	61	70	64	60	68	63	59	57
5	80	68	60	54	78	67	60	54	65	59	53	63	57	53	62	56	52	50
6	74	62	54	48	73	61	53	48	59	53	47	58	52	47	56	51	47	45
7	69	57	49	43	68	56	48	43	54	48	42	53	47	42	52	46	42	40
8	65	52	44	39	63	51	44	39	50	43	38	49	43	38	48	42	38	36
9	61	48	40	35	59	47	40	35	46	40	35	45	39	35	44	39	34	33
10	57	44	37	32	56	44	37	32	43	36	32	42	36	32	41	36	32	30

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	29092	29092	29092
5°	29023	27747	27505
10°	28841	26264	25112
15°	28672	24495	22432
20°	28514	22301	19834
25°	28500	20173	18139
30°	28412	18465	16835
35°	28349	17256	15714
40°	28342	16158	11973
45°	28124	15153	2785
50°	27820	11581	2509
55°	27746	2831	2298
60°	27356	2576	1873
65°	26620	2170	1545
70°	25147	1681	1209
75°	22015	1249	879
80°	17368	833	554
85°	9290	474	250



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.1	4.4
10°-20°	247.0	12.3
20°-30°	363.8	18.2
30°-40°	437.9	21.9
40°-50°	375.1	18.7
50°-60°	242.7	12.1
60°-70°	161.3	8.1
70°-80°	68.8	3.4
80°-90°	19.2	1.0
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°	698.0	34.8
0°-40°	1135.9	56.7
0°-60°	1753.6	87.6
0°-90°	2003.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2003.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	903	903	903	903	903	
5°	904	907	915	926	925	86
15°	879	903	885	866	852	248
25°	833	838	770	753	748	384
35°	763	733	674	679	679	478
45°	669	594	587	358	122	515
55°	553	469	106	100	99	494
65°	412	296	75	65	64	406
75°	232	54	39	34	33	246
85°	49	15	12	9	8	63
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	902.7	902.7	902.7	902.7	902.7
2.5°	904.8	901.6	900.6	912.1	913.1
5°	903.7	906.8	915.2	925.7	924.6
7.5°	898.5	908.9	915.2	930.9	924.6
10°	894.3	913.1	911.0	912.1	902.7
12.5°	888.0	905.8	882.8	898.5	886.0
15°	878.6	902.7	884.9	866.1	852.5
17.5°	871.3	896.4	867.1	822.2	820.1
20°	856.7	870.3	831.6	799.2	788.8
22.5°	845.2	860.9	794.0	772.1	768.9
25°	832.7	837.9	770.0	753.3	748.0
27.5°	814.9	825.4	741.8	733.4	730.3
30°	800.3	800.3	715.7	715.7	713.6
32.5°	784.6	766.9	695.8	696.9	696.9
35°	762.7	733.4	673.9	679.1	679.1
37.5°	741.8	692.7	651.9	660.3	661.3
40°	720.9	661.3	631.0	640.4	523.4
42.5°	691.6	626.9	609.1	493.1	373.0
45°	668.6	594.5	587.2	358.4	122.2
47.5°	642.5	563.1	564.2	113.9	112.8
50°	610.1	530.7	441.9	107.6	109.7
52.5°	586.1	501.5	311.3	104.5	105.5
55°	552.7	469.1	105.5	100.3	99.3
57.5°	521.3	438.8	98.2	93.0	88.8
60°	485.8	406.4	93.0	82.5	79.4
62.5°	449.2	374.0	85.7	73.1	71.0
65°	411.6	295.7	75.2	64.8	63.7
67.5°	371.9	194.3	63.7	57.5	56.4
70°	328.1	76.3	55.4	50.1	48.1
72.5°	282.1	65.8	47.0	42.8	40.7
75°	231.9	54.3	38.7	34.5	33.4
77.5°	184.9	40.7	31.3	27.2	26.1
80°	137.9	30.3	24.0	20.9	19.9
82.5°	94.0	21.9	17.8	14.6	13.6
85°	49.1	14.6	12.5	9.4	8.4
87.5°	18.8	9.4	7.3	4.2	4.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)