

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: P217928

Luminaire Tested: **2SNLED-LD5-28SL-UNV-L835-CD1-U**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P217928  
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-LD5-28SL-UNV-L835-CD1-U  
Description: LED STRIP LIGHT - SNLED SERIES 2FOOT

Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2761.0 lumens  
Efficiency: N/A  
Efficacy: 137.4 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

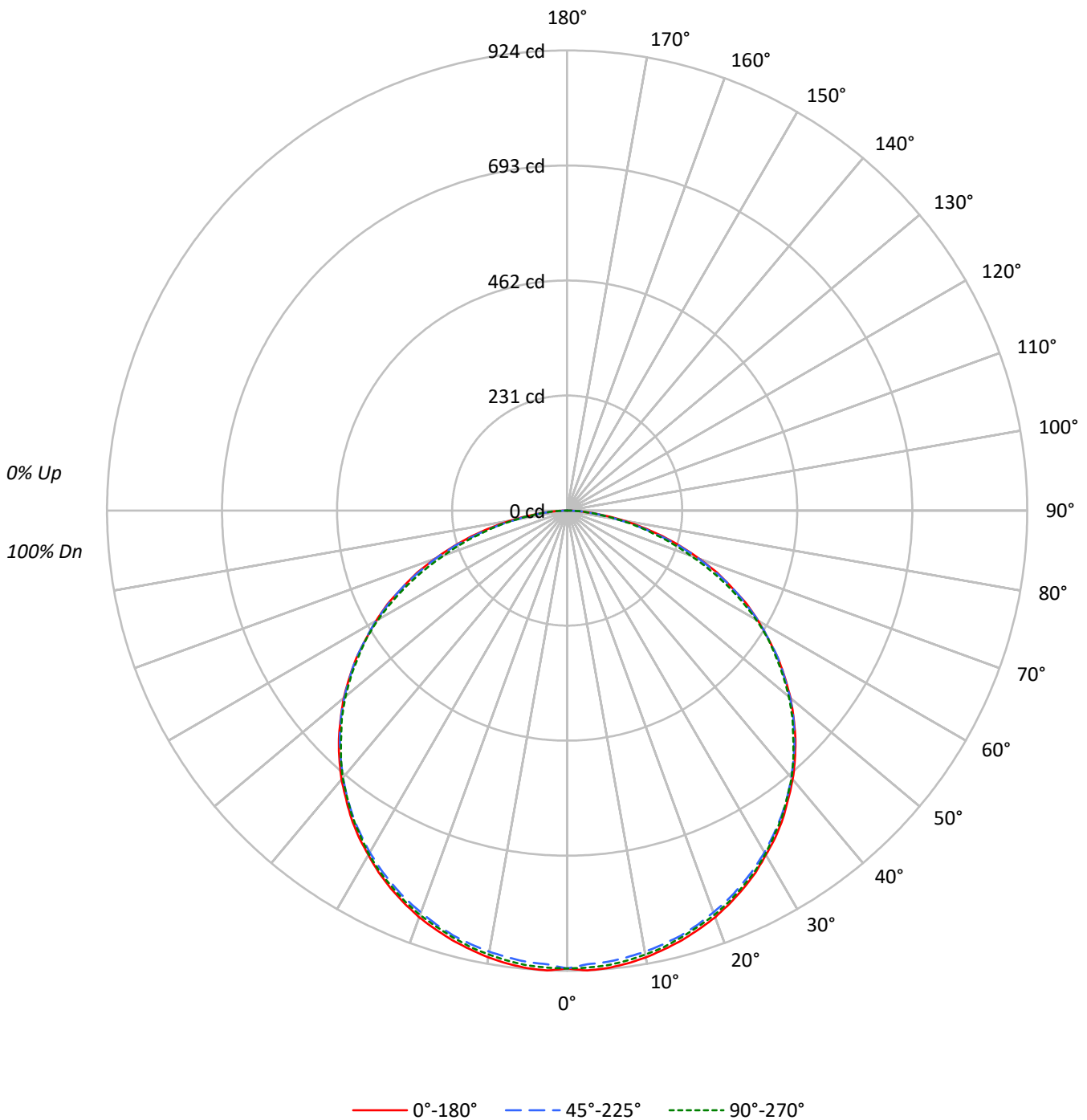
Input Watts (W): 20.1  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°	29633	29633	29633
5°	29624	27590	27270
10°	29376	25932	25182
15°	29136	24448	23343
20°	28920	23020	21727
25°	28661	21714	20215
30°	28341	20447	18789
35°	28074	19194	17389
40°	27705	17923	16033
45°	27270	16657	14623
50°	26689	15316	13281
55°	25933	13860	11843
60°	24951	12273	10340
65°	23529	10525	8568
70°	21590	8491	6625
75°	18768	6101	4750
80°	14308	3615	2949
85°	7946	1558	1193



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	87.1	3.2
10°-20°	250.9	9.1
20°-30°	384.4	13.9
30°-40°	470.5	17.0
40°-50°	497.8	18.0
50°-60°	460.5	16.7
60°-70°	357.6	13.0
70°-80°	201.4	7.3
80°-90°	50.9	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°	722.4	26.2
0°-40°	1192.8	43.2
0°-60°	2151.1	77.9
0°-90°	2761.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2761.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	920	920	920	920	920	
5°	922	919	910	919	917	88
15°	893	890	883	891	887	252
25°	837	834	829	836	834	386
35°	755	752	750	752	752	472
45°	648	647	646	644	642	500
55°	517	518	517	515	512	461
65°	364	367	365	360	353	361
75°	198	198	189	184	180	208
85°	42	42	41	41	40	52
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	919.5	919.5	919.5	919.5	919.5
2.5°	924.3	920.5	911.9	920.5	918.6
5°	922.4	918.6	910.0	918.6	916.7
7.5°	917.6	914.8	905.2	913.8	911.9
10°	910.9	908.1	899.5	908.1	905.2
12.5°	902.3	899.5	891.8	899.5	897.6
15°	892.8	889.9	883.2	890.9	887.1
17.5°	881.3	879.4	871.8	879.4	875.6
20°	868.9	865.1	858.4	866.1	864.1
22.5°	853.6	851.7	845.0	851.7	849.8
25°	837.4	834.5	828.8	835.5	833.6
27.5°	819.3	817.4	811.6	816.4	816.4
30°	798.3	797.3	792.5	797.3	796.4
32.5°	778.2	776.3	771.5	775.3	773.4
35°	755.3	752.4	749.6	751.5	751.5
37.5°	729.5	728.6	725.7	728.6	725.7
40°	704.7	702.8	699.9	700.9	700.9
42.5°	677.0	676.0	673.2	673.2	672.2
45°	648.3	647.4	645.5	644.5	641.7
47.5°	616.8	615.9	615.9	614.9	613.0
50°	585.3	585.3	584.4	581.5	580.6
52.5°	551.0	552.9	550.0	548.1	547.1
55°	516.6	518.5	516.6	514.7	511.8
57.5°	478.4	482.2	479.3	478.4	477.4
60°	443.1	445.0	443.1	440.2	438.3
62.5°	406.8	406.8	403.9	402.0	396.3
65°	363.8	366.7	364.8	360.0	353.3
67.5°	325.6	323.7	321.8	316.1	308.4
70°	281.7	282.6	279.8	271.2	263.5
72.5°	239.7	241.6	235.9	224.4	222.5
75°	197.7	197.7	189.1	184.3	180.5
77.5°	154.7	155.6	144.2	143.2	142.3
80°	113.6	115.5	104.1	106.9	106.0
82.5°	77.3	75.4	70.7	70.7	69.7
85°	42.0	42.0	41.1	41.1	40.1
87.5°	16.2	17.2	19.1	21.0	20.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)