

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: P218432

Luminaire Tested: **4SNLED-LD5-35SL-RM-UNV-L835-CD1-U**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P218432  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35688)  
Test Lab: INNOVATION CENTER-P3  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNLED-LD5-35SL-RM-UNV-L835-CD1-U  
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3527.0 lumens  
Efficiency: N/A  
Efficacy: 141.6 lumens/watt  
Spacing Criteria (0/90/45): 1.27 / 0.46 / 0.67  
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.17')  
CIE Type: Direct

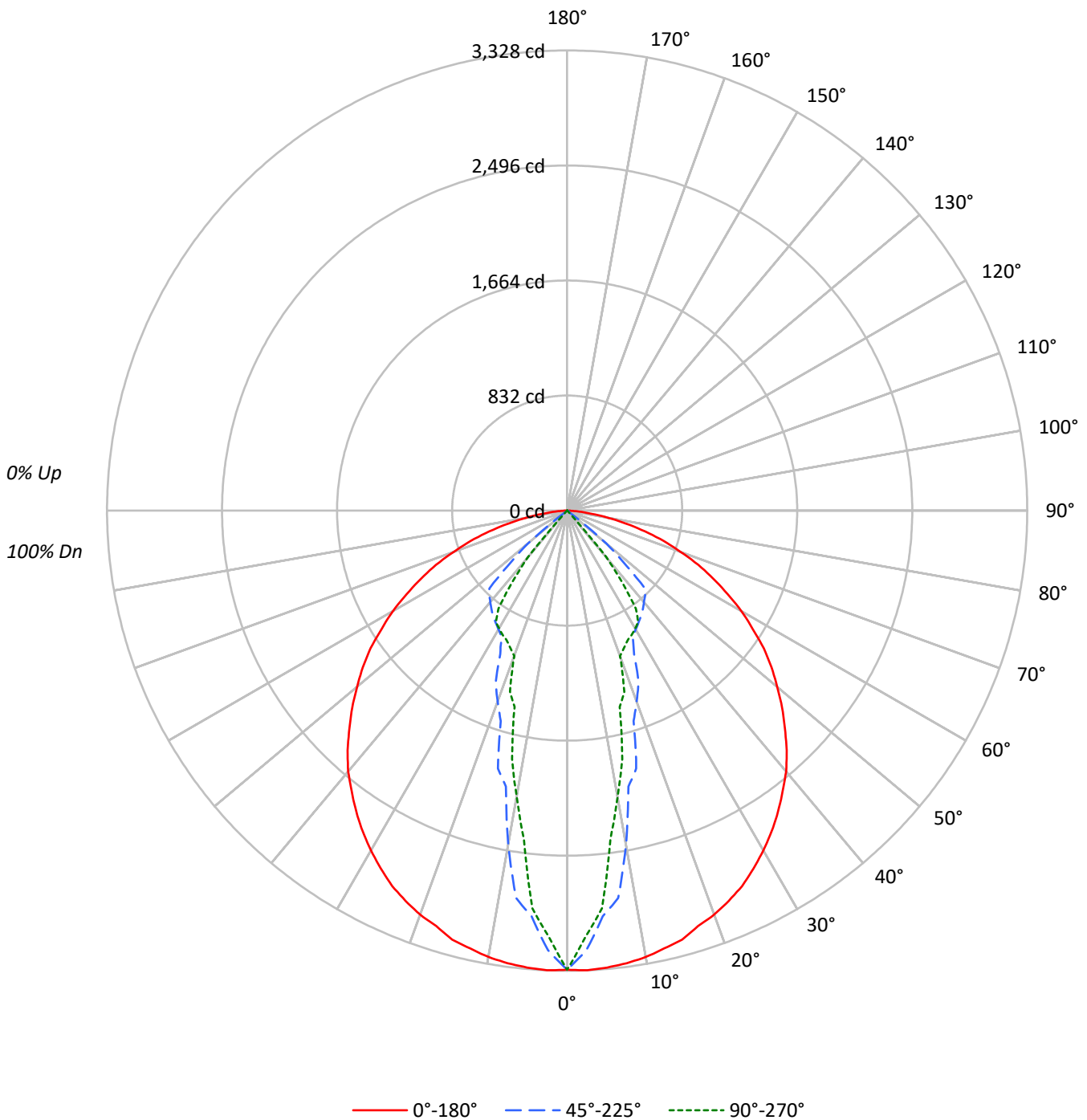
Input Watts (W): 24.9  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	111	108	104	101	109	105	103	100	101	99	97	98	96	94	94	93	91	89
2	104	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	81	79
3	96	88	81	76	94	86	80	75	84	78	74	81	77	73	79	75	72	70
4	90	80	73	67	88	79	72	67	76	71	66	74	69	65	72	68	64	62
5	84	73	66	60	82	72	65	60	70	64	59	68	63	59	67	62	58	56
6	78	67	60	54	77	66	59	54	65	58	54	63	57	53	62	57	53	51
7	74	62	54	49	72	61	54	49	60	53	49	58	53	48	57	52	48	46
8	69	57	50	45	68	57	50	45	56	49	45	54	49	44	53	48	44	43
9	65	54	46	42	64	53	46	41	52	46	41	51	45	41	50	45	41	39
10	62	50	43	38	60	50	43	38	49	42	38	48	42	38	47	42	38	36

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	53510	53510	53510
5°	53464	44764	42953
10°	53247	35499	29213
15°	52985	26910	19334
20°	52523	19848	14059
25°	52236	15161	12547
30°	51569	12953	11603
35°	50828	12079	10019
40°	50063	11236	5030
45°	48702	10446	19
50°	47345	4961	0
55°	46010	163	0
60°	43756	120	0
65°	40804	50	0
70°	36889	26	0
75°	31404	28	22
80°	22509	30	24
85°	10876	33	25



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	274.1	7.8
10°-20°	590.8	16.8
20°-30°	704.8	20.0
30°-40°	750.0	21.3
40°-50°	547.9	15.5
50°-60°	350.0	9.9
60°-70°	210.7	6.0
70°-80°	82.1	2.3
80°-90°	16.7	0.5
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°	1569.7	44.5
0°-40°	2319.6	65.8
0°-60°	3217.5	91.2
0°-90°	3527.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3527.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3321	3321	3321	3321	3321	
5°	3317	3156	2946	2893	2888	315
15°	3212	2740	1932	1505	1470	905
25°	2995	1909	1146	1043	1035	1378
35°	2659	1262	931	931	866	1664
45°	2226	817	796	3	2	1720
55°	1735	644	12	2	0	1545
65°	1166	262	3	2	0	1154
75°	583	14	2	2	2	616
85°	87	2	2	2	2	121
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3320.8	3320.8	3320.8	3320.8	3320.8
2.5°	3327.7	3305.5	3182.8	3131.6	3082.2
5°	3317.4	3155.5	2945.8	2893.0	2887.8
7.5°	3302.1	3003.8	2826.5	2523.0	2395.2
10°	3278.2	2904.9	2451.4	2195.7	2100.2
12.5°	3244.1	2758.3	2044.0	1897.4	1841.1
15°	3211.7	2739.5	1931.5	1505.3	1469.5
17.5°	3150.4	2357.7	1595.6	1414.9	1374.0
20°	3109.5	2183.8	1467.8	1227.4	1118.3
22.5°	3054.9	2081.5	1350.2	1116.6	1074.0
25°	2995.2	1909.3	1145.6	1043.3	1034.8
27.5°	2918.5	1679.2	1026.3	1016.0	1012.6
30°	2838.4	1425.2	992.2	988.8	983.6
32.5°	2751.5	1324.6	961.5	961.5	956.4
35°	2659.4	1261.5	930.8	930.8	866.0
37.5°	2560.5	1181.4	900.1	900.1	651.2
40°	2463.4	1012.6	864.3	600.1	439.8
42.5°	2350.8	874.5	833.6	419.4	3.4
45°	2226.4	816.6	796.1	3.4	1.7
47.5°	2108.8	775.7	542.1	1.7	0.0
50°	1982.6	731.3	371.6	1.7	0.0
52.5°	1863.3	690.4	17.0	1.7	0.0
55°	1735.4	644.4	11.9	1.7	0.0
57.5°	1590.5	600.1	10.2	1.7	0.0
60°	1455.9	552.3	8.5	1.7	0.0
62.5°	1307.5	468.8	5.1	1.7	0.0
65°	1166.0	262.5	3.4	1.7	0.0
67.5°	1026.3	42.6	3.4	1.7	0.0
70°	872.8	29.0	1.7	1.7	0.0
72.5°	731.3	22.2	1.7	1.7	1.7
75°	583.0	13.6	1.7	1.7	1.7
77.5°	436.4	8.5	1.7	1.7	1.7
80°	300.0	5.1	1.7	1.7	1.7
82.5°	180.7	1.7	1.7	1.7	1.7
85°	86.9	1.7	1.7	1.7	1.7
87.5°	27.3	1.7	1.7	1.7	1.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)