

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: P218597

Luminaire Tested: **4SNLED-LD5-64SL-RW-UNV-L835-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218597
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: 4SNLED-LD5-64SL-RW-UNV-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6475.0 lumens
Efficiency: N/A
Efficacy: 117.9 lumens/watt
Spacing Criteria (0/90/45): 1.32 / 1.19 / 1.33
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.17')
CIE Type: Direct

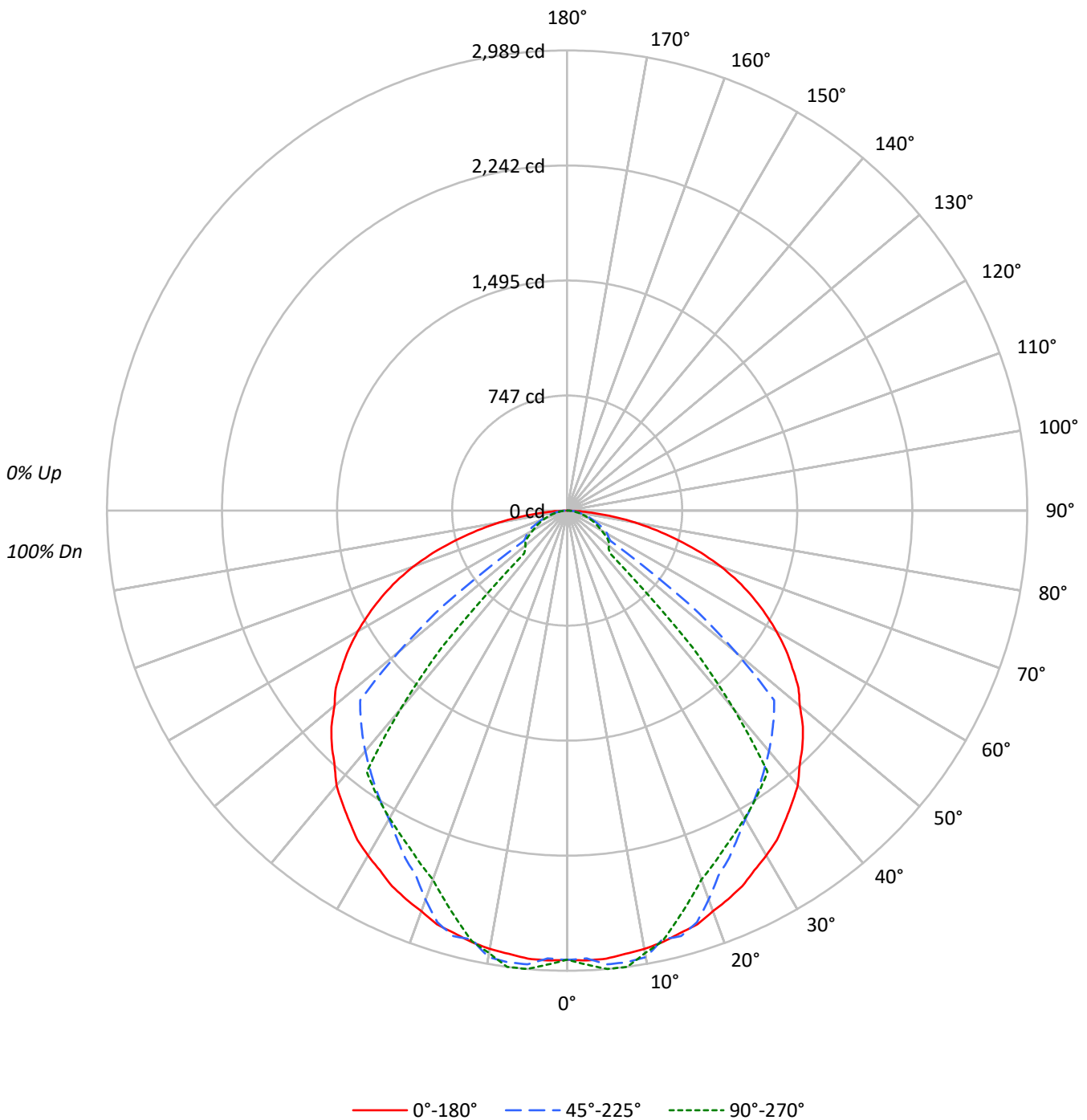
Input Watts (W): 54.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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					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°	47020	47020	47020
5°	47082	44957	44457
10°	46958	42647	40588
15°	46858	39854	36259
20°	46778	36353	32057
25°	46943	32940	29321
30°	47002	30202	27210
35°	47122	28270	25399
40°	47361	26518	19352
45°	47283	24907	4502
50°	47101	19071	4056
55°	47367	4670	3712
60°	47200	4257	3028
65°	46568	3595	2498
70°	44822	2789	1954
75°	40388	2076	1422
80°	33448	1393	893
85°	19863	795	402



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	281.7	4.4
10°-20°	798.5	12.3
20°-30°	1176.1	18.2
30°-40°	1415.6	21.9
40°-50°	1212.4	18.7
50°-60°	784.5	12.1
60°-70°	521.5	8.1
70°-80°	222.5	3.4
80°-90°	62.2	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°	2256.3	34.8
0°-40°	3671.9	56.7
0°-60°	5668.9	87.5
0°-90°	6475.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6475.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2918	2918	2918	2918	2918	
5°	2921	2932	2958	2992	2989	278
15°	2840	2918	2861	2800	2756	803
25°	2692	2709	2489	2435	2418	1240
35°	2466	2371	2178	2195	2195	1545
45°	2162	1922	1898	1158	395	1666
55°	1787	1516	341	324	321	1597
65°	1331	956	243	209	206	1312
75°	750	176	125	112	108	794
85°	159	47	40	30	27	203
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2918.0	2918.0	2918.0	2918.0	2918.0
2.5°	2924.8	2914.6	2911.3	2948.4	2951.8
5°	2921.4	2931.5	2958.5	2992.3	2988.9
7.5°	2904.5	2938.3	2958.5	3009.2	2988.9
10°	2891.0	2951.8	2945.0	2948.4	2918.0
12.5°	2870.7	2928.2	2853.8	2904.5	2864.0
15°	2840.3	2918.0	2860.6	2799.8	2755.9
17.5°	2816.7	2897.8	2803.2	2658.0	2651.2
20°	2769.4	2813.3	2688.4	2583.7	2549.9
22.5°	2732.3	2782.9	2566.8	2495.9	2485.7
25°	2691.7	2708.6	2489.1	2435.1	2418.2
27.5°	2634.3	2668.1	2397.9	2370.9	2360.8
30°	2587.0	2587.0	2313.5	2313.5	2306.7
32.5°	2536.4	2479.0	2249.3	2252.7	2252.7
35°	2465.5	2370.9	2178.4	2195.3	2195.3
37.5°	2397.9	2239.2	2107.5	2134.5	2137.9
40°	2330.4	2137.9	2039.9	2070.3	1692.0
42.5°	2235.8	2026.4	1969.0	1594.1	1205.7
45°	2161.5	1921.7	1898.1	1158.4	395.1
47.5°	2077.1	1820.4	1823.8	368.1	364.8
50°	1972.4	1715.7	1428.6	347.9	354.6
52.5°	1894.7	1621.1	1006.4	337.7	341.1
55°	1786.6	1516.4	341.1	324.2	320.8
57.5°	1685.3	1418.5	317.5	300.6	287.1
60°	1570.5	1313.8	300.6	266.8	256.7
62.5°	1452.3	1209.1	276.9	236.4	229.7
65°	1330.7	955.8	243.2	209.4	206.0
67.5°	1202.3	628.2	206.0	185.8	182.4
70°	1060.5	246.5	179.0	162.1	155.4
72.5°	911.9	212.8	152.0	138.5	131.7
75°	749.8	175.6	125.0	111.5	108.1
77.5°	597.8	131.7	101.3	87.8	84.4
80°	445.8	97.9	77.7	67.5	64.2
82.5°	304.0	70.9	57.4	47.3	43.9
85°	158.7	47.3	40.5	30.4	27.0
87.5°	60.8	30.4	23.6	13.5	13.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)