

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: P218596

Luminaire Tested: **4SNLED-LD5-64SL-RW-UNV-L830-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218596
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-L830-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6095.0 lumens
Efficiency: N/A
Efficacy: 111.0 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

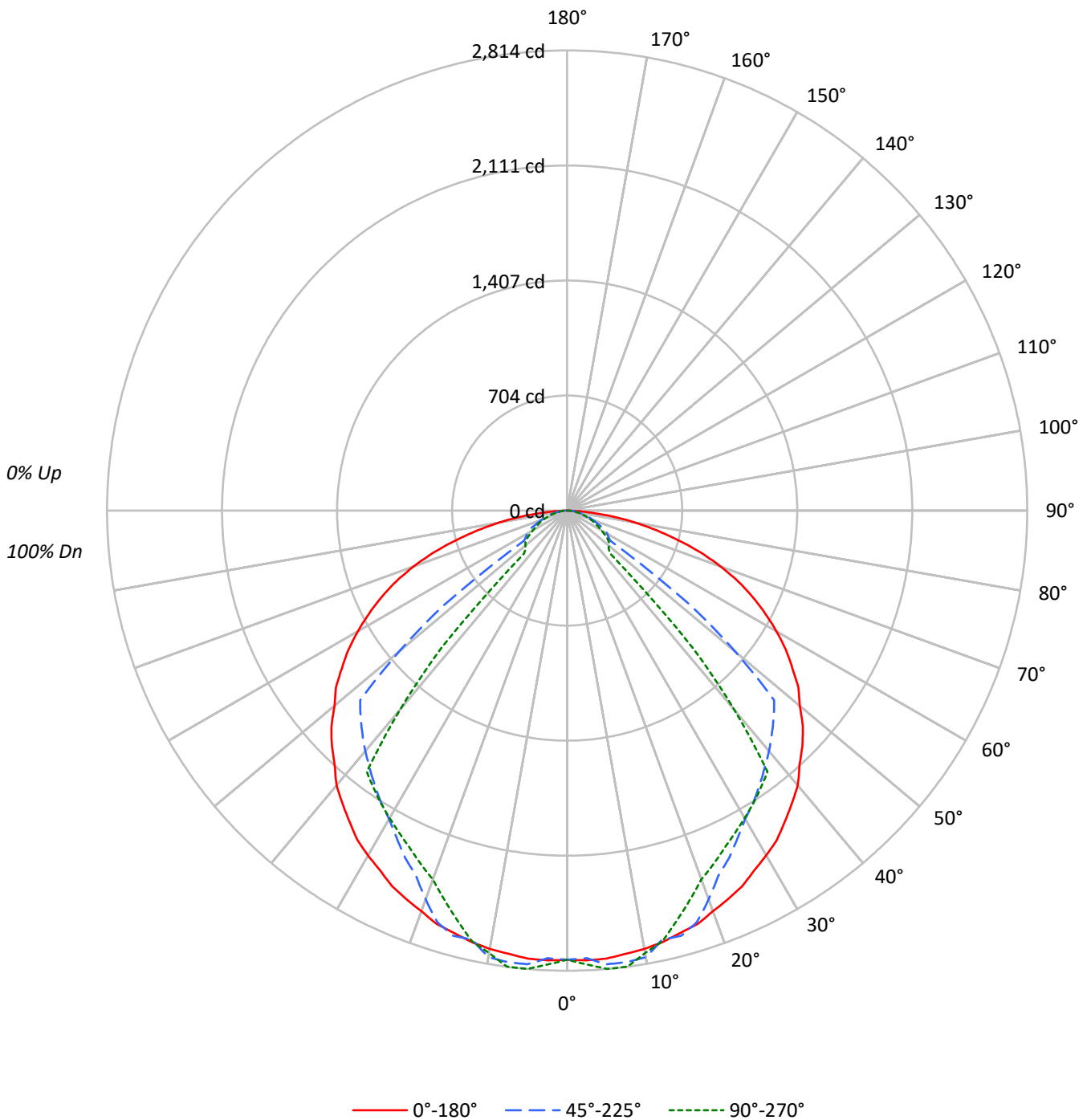
Input Watts (W): 54.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	44261	44261	44261
5°	44318	42319	41848
10°	44201	40145	38207
15°	44108	37515	34131
20°	44033	34220	30175
25°	44189	31007	27601
30°	44244	28429	25613
35°	44356	26610	23908
40°	44580	24962	18217
45°	44507	23445	4239
50°	44336	17952	3818
55°	44589	4396	3494
60°	44429	4006	2850
65°	43835	3383	2351
70°	42189	2625	1838
75°	38018	1953	1338
80°	31482	1310	840
85°	18699	748	378



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	265.1	4.4
10°-20°	751.7	12.3
20°-30°	1107.1	18.2
30°-40°	1332.5	21.9
40°-50°	1141.3	18.7
50°-60°	738.5	12.1
60°-70°	490.9	8.1
70°-80°	209.4	3.4
80°-90°	58.5	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°	2123.9	34.8
0°-40°	3456.4	56.7
0°-60°	5336.2	87.6
0°-90°	6095.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6095.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2747	2747	2747	2747	2747	
5°	2750	2760	2785	2817	2814	261
15°	2674	2747	2693	2636	2594	756
25°	2534	2550	2343	2292	2276	1167
35°	2321	2232	2050	2066	2066	1454
45°	2035	1809	1787	1090	372	1569
55°	1682	1427	321	305	302	1504
65°	1253	900	229	197	194	1235
75°	706	165	118	105	102	748
85°	149	44	38	29	25	191
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2746.8	2746.8	2746.8	2746.8	2746.8
2.5°	2753.1	2743.6	2740.4	2775.4	2778.6
5°	2749.9	2759.5	2784.9	2816.7	2813.5
7.5°	2734.1	2765.8	2784.9	2832.6	2813.5
10°	2721.3	2778.6	2772.2	2775.4	2746.8
12.5°	2702.3	2756.3	2686.4	2734.1	2695.9
15°	2673.6	2746.8	2692.7	2635.5	2594.2
17.5°	2651.4	2727.7	2638.7	2502.0	2495.6
20°	2606.9	2648.2	2530.6	2432.0	2400.2
22.5°	2571.9	2619.6	2416.1	2349.4	2339.8
25°	2533.8	2549.7	2343.0	2292.2	2276.3
27.5°	2479.7	2511.5	2257.2	2231.7	2222.2
30°	2435.2	2435.2	2177.7	2177.7	2171.3
32.5°	2387.5	2333.5	2117.3	2120.5	2120.5
35°	2320.8	2231.7	2050.5	2066.4	2066.4
37.5°	2257.2	2107.8	1983.8	2009.2	2012.4
40°	2193.6	2012.4	1920.2	1948.8	1592.7
42.5°	2104.6	1907.5	1853.4	1500.5	1134.9
45°	2034.6	1808.9	1786.7	1090.4	372.0
47.5°	1955.2	1713.6	1716.7	346.5	343.3
50°	1856.6	1615.0	1344.8	327.5	333.8
52.5°	1783.5	1526.0	947.4	317.9	321.1
55°	1681.8	1427.4	321.1	305.2	302.0
57.5°	1586.4	1335.2	298.8	282.9	270.2
60°	1478.3	1236.7	282.9	251.2	241.6
62.5°	1367.0	1138.1	260.7	222.5	216.2
65°	1252.6	899.7	228.9	197.1	193.9
67.5°	1131.8	591.3	193.9	174.9	171.7
70°	998.2	232.1	168.5	152.6	146.2
72.5°	858.4	200.3	143.1	130.3	124.0
75°	705.8	165.3	117.6	104.9	101.7
77.5°	562.7	124.0	95.4	82.7	79.5
80°	419.6	92.2	73.1	63.6	60.4
82.5°	286.1	66.8	54.0	44.5	41.3
85°	149.4	44.5	38.1	28.6	25.4
87.5°	57.2	28.6	22.3	12.7	12.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)