

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: P218551

Luminaire Tested: **4SNLED-LD5-18SL-RW-UNV-L850-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218551
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-LD5-18SL-RW-UNV-L850-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2115.0 lumens
Efficiency: N/A
Efficacy: 144.9 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

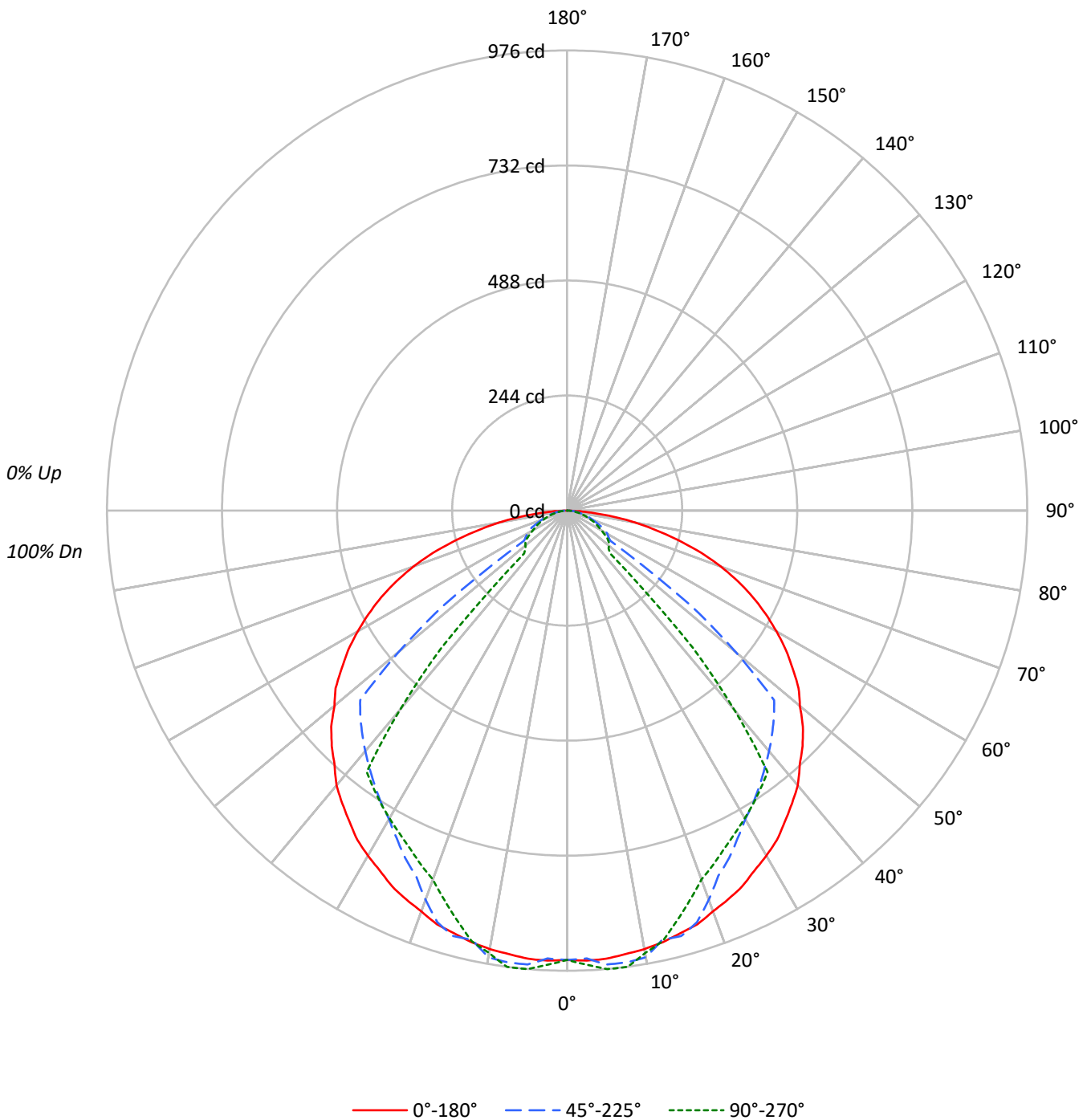
Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	15358	15358	15358
5°	15378	14685	14521
10°	15338	13931	13257
15°	15306	13018	11844
20°	15280	11874	10471
25°	15333	10759	9578
30°	15352	9865	8888
35°	15391	9233	8297
40°	15470	8662	6322
45°	15444	8136	1471
50°	15386	6229	1324
55°	15473	1525	1213
60°	15418	1391	989
65°	15212	1174	816
70°	14641	911	637
75°	13192	678	464
80°	10924	455	292
85°	6483	259	131



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.0	4.4
10°-20°	260.8	12.3
20°-30°	384.2	18.2
30°-40°	462.4	21.9
40°-50°	396.0	18.7
50°-60°	256.2	12.1
60°-70°	170.3	8.1
70°-80°	72.7	3.4
80°-90°	20.3	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°	737.0	34.8
0°-40°	1199.4	56.7
0°-60°	1851.7	87.5
0°-90°	2115.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2115.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	953	953	953	953	953	
5°	954	958	966	977	976	91
15°	928	953	934	914	900	262
25°	879	885	813	795	790	405
35°	805	774	712	717	717	505
45°	706	628	620	378	129	544
55°	584	495	111	106	105	522
65°	435	312	79	68	67	429
75°	245	57	41	36	35	259
85°	52	15	13	10	9	66
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	953.1	953.1	953.1	953.1	953.1
2.5°	955.4	952.0	950.9	963.1	964.2
5°	954.2	957.6	966.4	977.4	976.3
7.5°	948.7	959.8	966.4	982.9	976.3
10°	944.3	964.2	962.0	963.1	953.1
12.5°	937.7	956.5	932.2	948.7	935.5
15°	927.8	953.1	934.4	914.5	900.2
17.5°	920.0	946.5	915.6	868.2	866.0
20°	904.6	918.9	878.1	843.9	832.9
22.5°	892.5	909.0	838.4	815.2	811.9
25°	879.2	884.7	813.0	795.4	789.9
27.5°	860.5	871.5	783.3	774.4	771.1
30°	845.0	845.0	755.7	755.7	753.5
32.5°	828.5	809.7	734.7	735.8	735.8
35°	805.3	774.4	711.5	717.1	717.1
37.5°	783.3	731.4	688.4	697.2	698.3
40°	761.2	698.3	666.3	676.2	552.7
42.5°	730.3	661.9	643.2	520.7	393.8
45°	706.0	627.7	620.0	378.4	129.1
47.5°	678.5	594.6	595.7	120.2	119.1
50°	644.3	560.4	466.6	113.6	115.8
52.5°	618.9	529.5	328.7	110.3	111.4
55°	583.6	495.3	111.4	105.9	104.8
57.5°	550.5	463.3	103.7	98.2	93.8
60°	513.0	429.1	98.2	87.2	83.8
62.5°	474.4	394.9	90.5	77.2	75.0
65°	434.7	312.2	79.4	68.4	67.3
67.5°	392.7	205.2	67.3	60.7	59.6
70°	346.4	80.5	58.5	53.0	50.7
72.5°	297.9	69.5	49.6	45.2	43.0
75°	244.9	57.4	40.8	36.4	35.3
77.5°	195.3	43.0	33.1	28.7	27.6
80°	145.6	32.0	25.4	22.1	21.0
82.5°	99.3	23.2	18.8	15.4	14.3
85°	51.8	15.4	13.2	9.9	8.8
87.5°	19.9	9.9	7.7	4.4	4.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)