

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: P218472

Luminaire Tested: **4SNLED-LD5-62SL-RM-UNV-L835-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218472
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-LD5-62SL-RM-UNV-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6269.9 lumens
Efficiency: N/A
Efficacy: 121.7 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

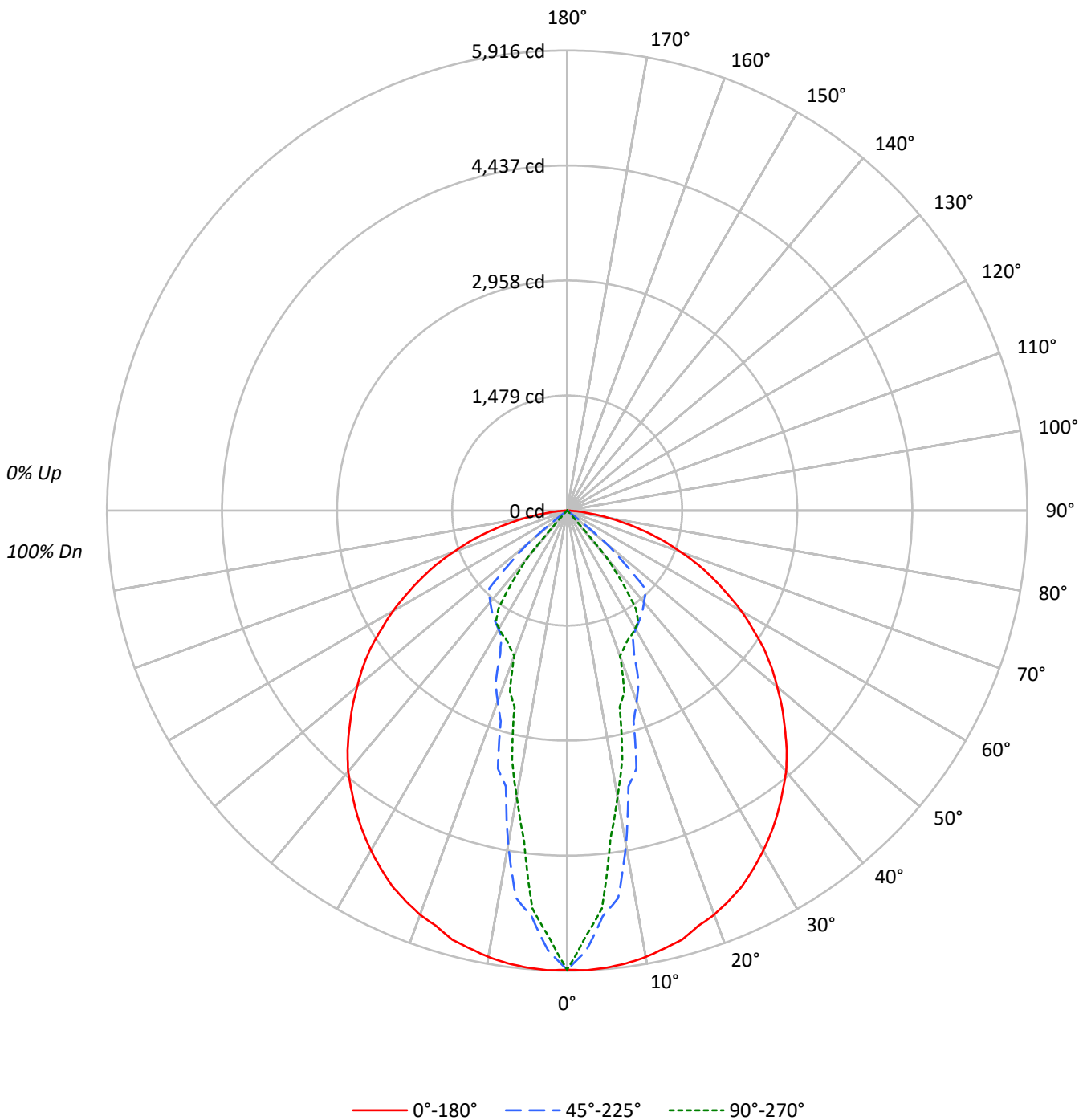
Input Watts (W): 51.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	95127	95127	95127
5°	95046	79578	76360
10°	94659	63108	51933
15°	94194	47837	34369
20°	93369	35284	24993
25°	92862	26950	22305
30°	91676	23025	20626
35°	90358	21474	17812
40°	88996	19974	8943
45°	86579	18572	34
50°	84166	8820	0
55°	81794	290	0
60°	77783	215	0
65°	72541	90	0
70°	65578	47	0
75°	55826	50	39
80°	40021	54	42
85°	19349	59	45



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	487.2	7.8
10°-20°	1050.3	16.8
20°-30°	1253.0	20.0
30°-40°	1333.2	21.3
40°-50°	974.0	15.5
50°-60°	622.1	9.9
60°-70°	374.6	6.0
70°-80°	146.0	2.3
80°-90°	29.6	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°	2790.4	44.5
0°-40°	4123.6	65.8
0°-60°	5719.8	91.2
0°-90°	6269.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6269.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5904	5904	5904	5904	5904	
5°	5898	5610	5237	5143	5134	561
15°	5710	4870	3434	2676	2612	1608
25°	5325	3394	2036	1855	1840	2450
35°	4728	2243	1655	1655	1540	2957
45°	3958	1452	1415	6	3	3057
55°	3085	1146	21	3	0	2746
65°	2073	467	6	3	0	2051
75°	1036	24	3	3	3	1095
85°	155	3	3	3	3	215
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5903.5	5903.5	5903.5	5903.5	5903.5
2.5°	5915.6	5876.2	5658.0	5567.1	5479.2
5°	5897.5	5609.6	5236.8	5142.8	5133.8
7.5°	5870.2	5339.8	5024.7	4485.2	4257.9
10°	5827.8	5164.1	4357.9	3903.4	3733.6
12.5°	5767.1	4903.4	3633.6	3373.0	3273.0
15°	5709.6	4870.1	3433.6	2676.0	2612.3
17.5°	5600.5	4191.3	2836.6	2515.4	2442.6
20°	5527.7	3882.1	2609.3	2182.0	1988.0
22.5°	5430.8	3700.3	2400.2	1985.0	1909.2
25°	5324.7	3394.2	2036.5	1854.7	1839.5
27.5°	5188.3	2985.1	1824.4	1806.2	1800.1
30°	5045.9	2533.5	1763.8	1757.7	1748.6
32.5°	4891.3	2354.7	1709.2	1709.2	1700.1
35°	4727.7	2242.6	1654.7	1654.7	1539.5
37.5°	4551.9	2100.2	1600.1	1600.1	1157.7
40°	4379.1	1800.1	1536.5	1066.8	781.9
42.5°	4179.1	1554.7	1481.9	745.5	6.1
45°	3957.9	1451.6	1415.3	6.1	3.0
47.5°	3748.8	1378.9	963.7	3.0	0.0
50°	3524.5	1300.1	660.7	3.0	0.0
52.5°	3312.4	1227.4	30.3	3.0	0.0
55°	3085.1	1145.5	21.2	3.0	0.0
57.5°	2827.5	1066.8	18.2	3.0	0.0
60°	2588.1	981.9	15.2	3.0	0.0
62.5°	2324.4	833.4	9.1	3.0	0.0
65°	2072.9	466.7	6.1	3.0	0.0
67.5°	1824.4	75.8	6.1	3.0	0.0
70°	1551.6	51.5	3.0	3.0	0.0
72.5°	1300.1	39.4	3.0	3.0	3.0
75°	1036.4	24.2	3.0	3.0	3.0
77.5°	775.8	15.2	3.0	3.0	3.0
80°	533.4	9.1	3.0	3.0	3.0
82.5°	321.2	3.0	3.0	3.0	3.0
85°	154.6	3.0	3.0	3.0	3.0
87.5°	48.5	3.0	3.0	3.0	3.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)