

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: P218468

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

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P218468  
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-LD5-62HL-RM-UNV-L835-CD1-U  
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5558.0 lumens  
Efficiency: N/A  
Efficacy: 129.3 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

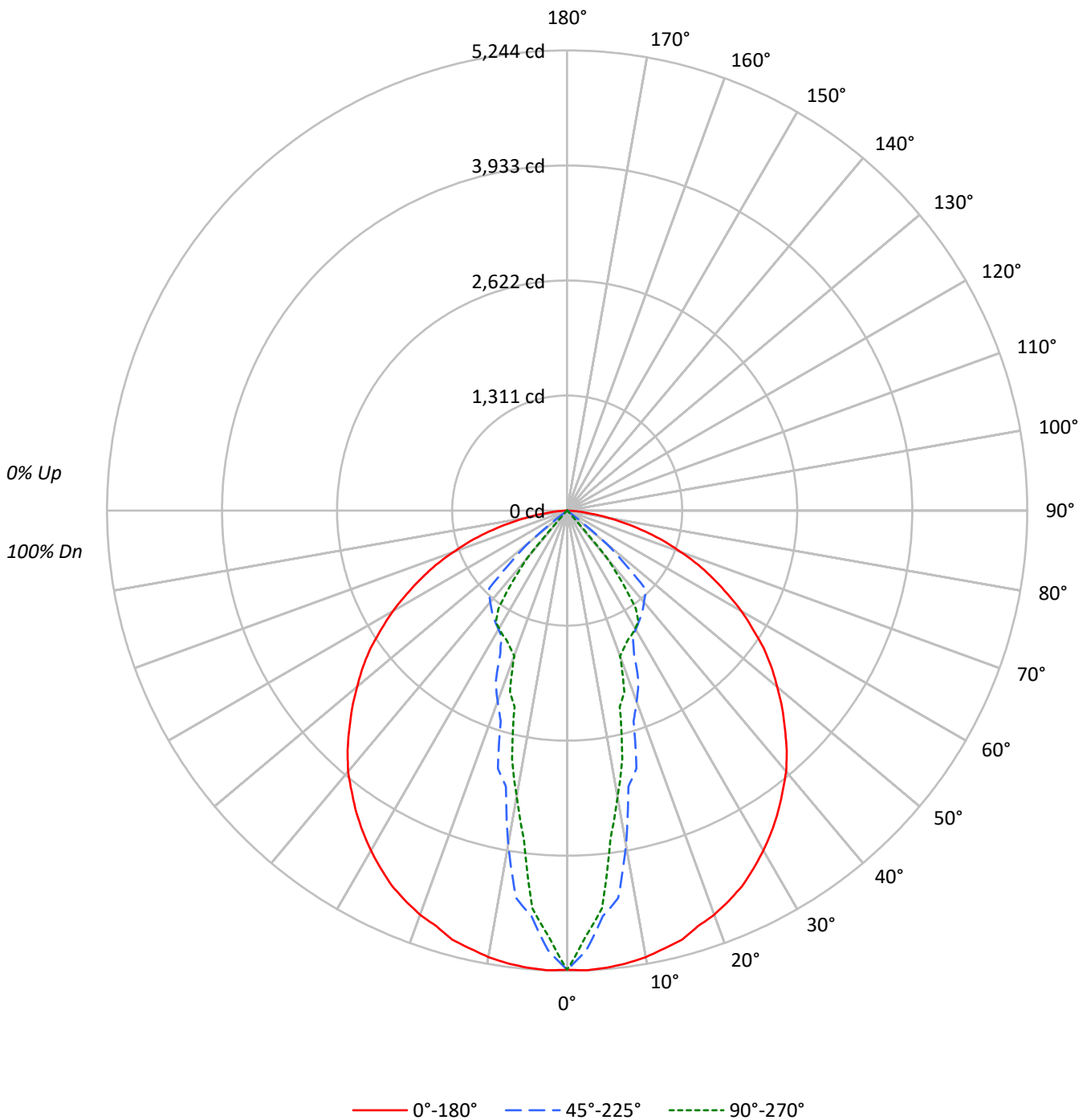
Input Watts (W): 43  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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

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

	0°	45°	90°
0°	84324	84324	84324
5°	84253	70541	67688
10°	83910	55943	46037
15°	83497	42405	30467
20°	82766	31277	22156
25°	82316	23891	19773
30°	81266	20411	18285
35°	80096	19035	15789
40°	78892	17706	7927
45°	76748	16463	31
50°	74609	7817	0
55°	72506	257	0
60°	68950	190	0
65°	64303	80	0
70°	58131	42	0
75°	49492	45	36
80°	35474	48	38
85°	17147	53	40



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	431.9	7.8
10°-20°	931.0	16.8
20°-30°	1110.7	20.0
30°-40°	1181.8	21.3
40°-50°	863.4	15.5
50°-60°	551.5	9.9
60°-70°	332.1	6.0
70°-80°	129.4	2.3
80°-90°	26.3	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°	2473.6	44.5
0°-40°	3655.4	65.8
0°-60°	5070.3	91.2
0°-90°	5558.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5558.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	5233	5233	5233	5233	5233	
5°	5228	4973	4642	4559	4551	497
15°	5061	4317	3044	2372	2316	1425
25°	4720	3009	1805	1644	1631	2172
35°	4191	1988	1467	1467	1365	2622
45°	3508	1287	1255	5	3	2710
55°	2735	1016	19	3	0	2435
65°	1838	414	5	3	0	1818
75°	919	22	3	3	3	971
85°	137	3	3	3	3	191
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	5233.1	5233.1	5233.1	5233.1	5233.1
2.5°	5243.9	5209.0	5015.5	4934.9	4857.0
5°	5227.8	4972.6	4642.1	4558.8	4550.8
7.5°	5203.6	4733.5	4454.1	3975.9	3774.4
10°	5166.0	4577.6	3863.1	3460.1	3309.7
12.5°	5112.2	4346.6	3221.0	2990.0	2901.3
15°	5061.2	4317.1	3043.7	2372.1	2315.7
17.5°	4964.5	3715.3	2514.5	2229.7	2165.2
20°	4900.0	3441.3	2313.0	1934.2	1762.3
22.5°	4814.1	3280.1	2127.6	1759.6	1692.4
25°	4720.0	3008.8	1805.3	1644.1	1630.7
27.5°	4599.1	2646.1	1617.2	1601.1	1595.7
30°	4472.9	2245.8	1563.5	1558.1	1550.1
32.5°	4335.9	2087.3	1515.1	1515.1	1507.1
35°	4190.8	1987.9	1466.8	1466.8	1364.7
37.5°	4035.0	1861.7	1418.4	1418.4	1026.2
40°	3881.9	1595.7	1362.0	945.6	693.1
42.5°	3704.6	1378.1	1313.7	660.9	5.4
45°	3508.5	1286.8	1254.6	5.4	2.7
47.5°	3323.1	1222.3	854.3	2.7	0.0
50°	3124.3	1152.5	585.6	2.7	0.0
52.5°	2936.3	1088.0	26.9	2.7	0.0
55°	2734.8	1015.5	18.8	2.7	0.0
57.5°	2506.4	945.6	16.1	2.7	0.0
60°	2294.2	870.4	13.4	2.7	0.0
62.5°	2060.5	738.8	8.1	2.7	0.0
65°	1837.5	413.7	5.4	2.7	0.0
67.5°	1617.2	67.2	5.4	2.7	0.0
70°	1375.4	45.7	2.7	2.7	0.0
72.5°	1152.5	34.9	2.7	2.7	2.7
75°	918.8	21.5	2.7	2.7	2.7
77.5°	687.7	13.4	2.7	2.7	2.7
80°	472.8	8.1	2.7	2.7	2.7
82.5°	284.8	2.7	2.7	2.7	2.7
85°	137.0	2.7	2.7	2.7	2.7
87.5°	43.0	2.7	2.7	2.7	2.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)