

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: P218592

Luminaire Tested: **4SNLED-LD5-62SL-RW-UNV-L830-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218592
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-LD5-62SL-RW-UNV-L830-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5852.0 lumens
Efficiency: N/A
Efficacy: 113.6 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

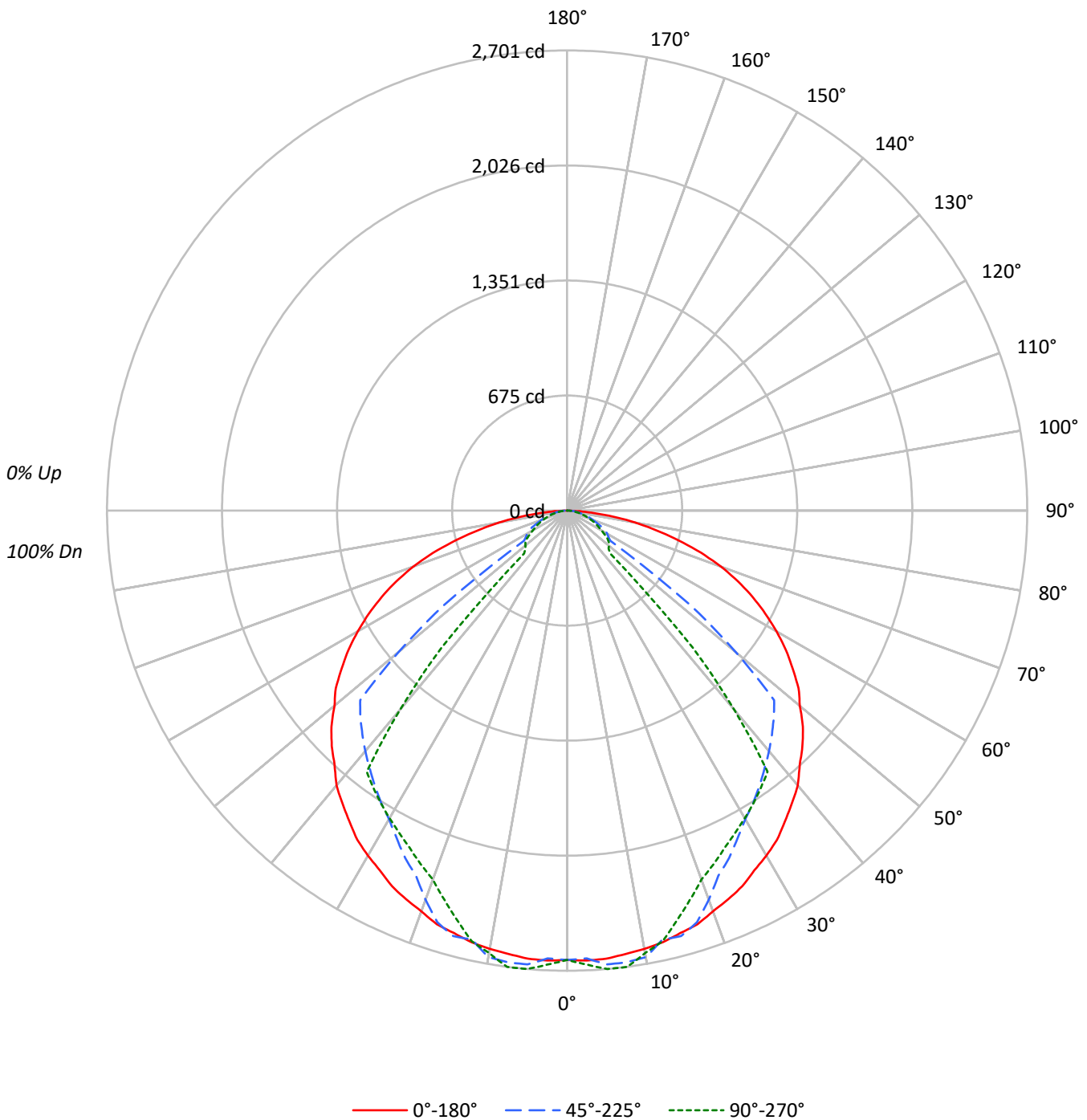
Input Watts (W): 51.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	42497	42497	42497
5°	42552	40632	40180
10°	42439	38545	36684
15°	42351	36020	32769
20°	42278	32855	28972
25°	42426	29771	26500
30°	42480	27296	24592
35°	42586	25550	22955
40°	42802	23966	17490
45°	42733	22510	4069
50°	42569	17237	3666
55°	42810	4221	3355
60°	42659	3847	2737
65°	42085	3249	2258
70°	40507	2521	1765
75°	36499	1875	1285
80°	30229	1258	807
85°	17960	718	363



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	254.6	4.4
10°-20°	721.7	12.3
20°-30°	1062.9	18.2
30°-40°	1279.4	21.9
40°-50°	1095.8	18.7
50°-60°	709.0	12.1
60°-70°	471.3	8.1
70°-80°	201.0	3.4
80°-90°	56.2	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°	2039.2	34.8
0°-40°	3318.6	56.7
0°-60°	5123.4	87.6
0°-90°	5852.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5852.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2637	2637	2637	2637	2637	
5°	2640	2650	2674	2704	2701	251
15°	2567	2637	2585	2530	2491	726
25°	2433	2448	2250	2201	2186	1121
35°	2228	2143	1969	1984	1984	1396
45°	1954	1737	1715	1047	357	1506
55°	1615	1370	308	293	290	1444
65°	1203	864	220	189	186	1186
75°	678	159	113	101	98	718
85°	144	43	37	28	24	183
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2637.3	2637.3	2637.3	2637.3	2637.3
2.5°	2643.4	2634.2	2631.2	2664.7	2667.8
5°	2640.3	2649.5	2673.9	2704.4	2701.4
7.5°	2625.0	2655.6	2673.9	2719.7	2701.4
10°	2612.8	2667.8	2661.7	2664.7	2637.3
12.5°	2594.5	2646.4	2579.3	2625.0	2588.4
15°	2567.1	2637.3	2585.4	2530.4	2490.7
17.5°	2545.7	2618.9	2533.5	2402.2	2396.1
20°	2503.0	2542.6	2429.7	2335.1	2304.5
22.5°	2469.4	2515.2	2319.8	2255.7	2246.6
25°	2432.7	2448.0	2249.6	2200.8	2185.5
27.5°	2380.9	2411.4	2167.2	2142.8	2133.6
30°	2338.1	2338.1	2090.9	2090.9	2084.8
32.5°	2292.3	2240.4	2032.9	2035.9	2035.9
35°	2228.2	2142.8	1968.8	1984.0	1984.0
37.5°	2167.2	2023.7	1904.7	1929.1	1932.2
40°	2106.1	1932.2	1843.6	1871.1	1529.2
42.5°	2020.7	1831.4	1779.5	1440.7	1089.7
45°	1953.5	1736.8	1715.4	1047.0	357.1
47.5°	1877.2	1645.2	1648.3	332.7	329.7
50°	1782.6	1550.6	1291.2	314.4	320.5
52.5°	1712.4	1465.1	909.6	305.2	308.3
55°	1614.7	1370.5	308.3	293.0	290.0
57.5°	1523.1	1282.0	286.9	271.7	259.5
60°	1419.4	1187.4	271.7	241.1	232.0
62.5°	1312.5	1092.8	250.3	213.7	207.6
65°	1202.6	863.8	219.8	189.2	186.2
67.5°	1086.6	567.7	186.2	167.9	164.8
70°	958.4	222.8	161.8	146.5	140.4
72.5°	824.1	192.3	137.4	125.1	119.0
75°	677.6	158.7	112.9	100.7	97.7
77.5°	540.3	119.0	91.6	79.4	76.3
80°	402.9	88.5	70.2	61.0	58.0
82.5°	274.7	64.1	51.9	42.7	39.7
85°	143.5	42.7	36.6	27.5	24.4
87.5°	54.9	27.5	21.4	12.2	12.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)