

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: P218593

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218593
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-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6217.0 lumens
Efficiency: N/A
Efficacy: 120.7 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

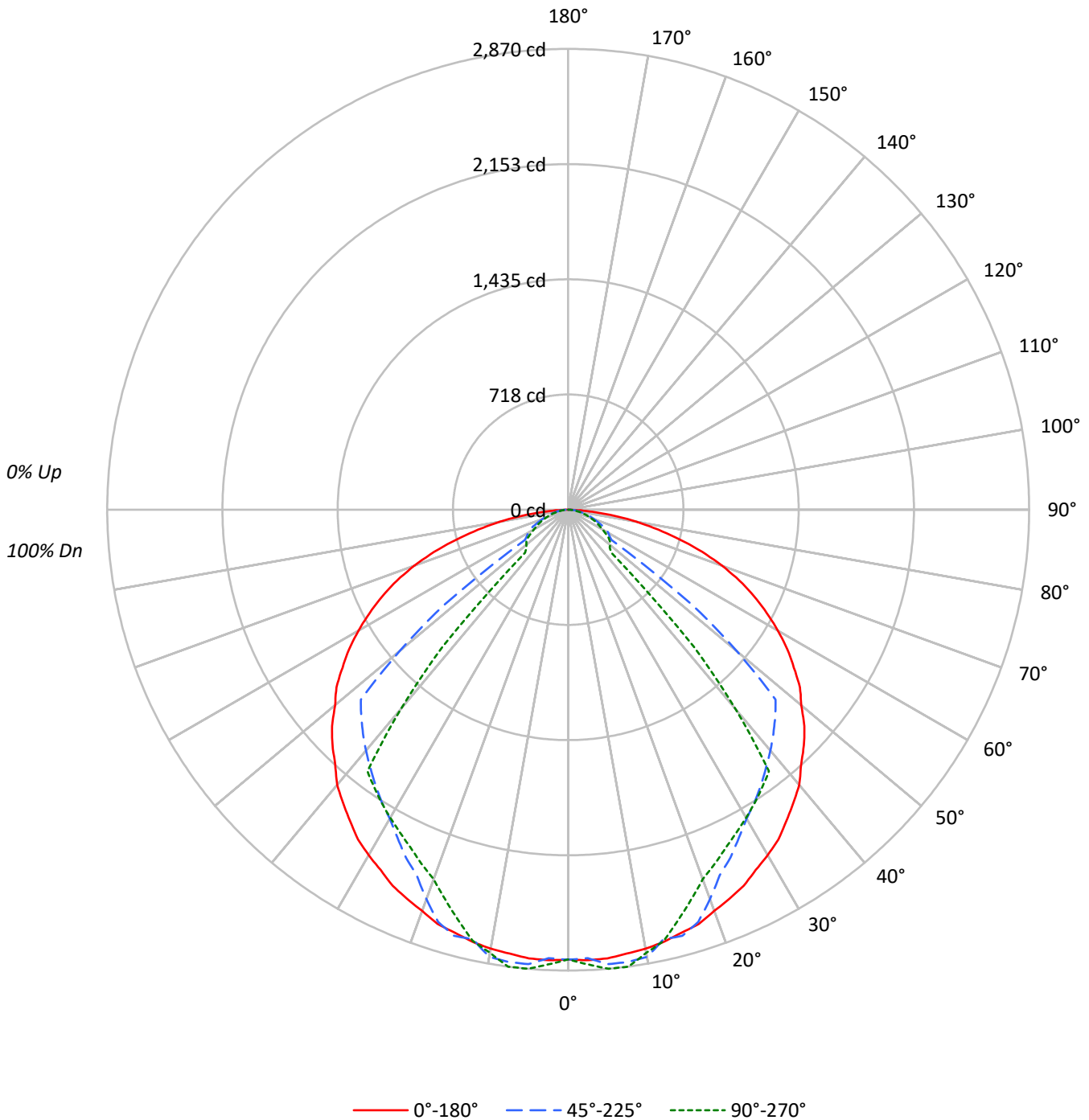
Input Watts (W): 51.5
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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°	45146	45146	45146
5°	45206	43167	42685
10°	45086	40949	38970
15°	44992	38266	34814
20°	44915	34904	30780
25°	45073	31627	28153
30°	45131	28998	26126
35°	45243	27144	24387
40°	45473	25461	18582
45°	45399	23914	4323
50°	45224	18311	3894
55°	45479	4484	3565
60°	45318	4087	2908
65°	44710	3451	2398
70°	43034	2678	1876
75°	38778	1993	1366
80°	32113	1337	857
85°	19074	764	385



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	270.4	4.4
10°-20°	766.7	12.3
20°-30°	1129.2	18.2
30°-40°	1359.2	21.9
40°-50°	1164.1	18.7
50°-60°	753.3	12.1
60°-70°	500.7	8.1
70°-80°	213.6	3.4
80°-90°	59.7	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°	2166.4	34.8
0°-40°	3525.6	56.7
0°-60°	5443.0	87.5
0°-90°	6217.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6217.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2802	2802	2802	2802	2802	
5°	2805	2815	2841	2873	2870	267
15°	2727	2802	2747	2688	2646	771
25°	2584	2601	2390	2338	2322	1190
35°	2367	2276	2092	2108	2108	1483
45°	2075	1845	1822	1112	379	1600
55°	1715	1456	328	311	308	1534
65°	1278	918	234	201	198	1260
75°	720	169	120	107	104	763
85°	152	45	39	29	26	195
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2801.7	2801.7	2801.7	2801.7	2801.7
2.5°	2808.2	2798.5	2795.3	2830.9	2834.2
5°	2805.0	2814.7	2840.7	2873.1	2869.8
7.5°	2788.8	2821.2	2840.7	2889.3	2869.8
10°	2775.8	2834.2	2827.7	2830.9	2801.7
12.5°	2756.3	2811.5	2740.1	2788.8	2749.9
15°	2727.2	2801.7	2746.6	2688.3	2646.1
17.5°	2704.5	2782.3	2691.5	2552.1	2545.6
20°	2659.1	2701.2	2581.2	2480.7	2448.3
22.5°	2623.4	2672.0	2464.5	2396.4	2386.7
25°	2584.5	2600.7	2389.9	2338.0	2321.8
27.5°	2529.4	2561.8	2302.4	2276.4	2266.7
30°	2484.0	2484.0	2221.3	2221.3	2214.8
32.5°	2435.3	2380.2	2159.7	2162.9	2162.9
35°	2367.2	2276.4	2091.6	2107.8	2107.8
37.5°	2302.4	2150.0	2023.5	2049.4	2052.7
40°	2237.5	2052.7	1958.6	1987.8	1624.6
42.5°	2146.7	1945.7	1890.5	1530.6	1157.7
45°	2075.4	1845.1	1822.4	1112.3	379.4
47.5°	1994.3	1747.8	1751.1	353.5	350.2
50°	1893.8	1647.3	1371.7	334.0	340.5
52.5°	1819.2	1556.5	966.3	324.3	327.5
55°	1715.4	1456.0	327.5	311.3	308.1
57.5°	1618.1	1362.0	304.8	288.6	275.6
60°	1507.9	1261.4	288.6	256.2	246.5
62.5°	1394.4	1160.9	265.9	227.0	220.5
65°	1277.6	917.7	233.5	201.1	197.8
67.5°	1154.4	603.2	197.8	178.4	175.1
70°	1018.2	236.7	171.9	155.7	149.2
72.5°	875.5	204.3	145.9	133.0	126.5
75°	719.9	168.6	120.0	107.0	103.8
77.5°	574.0	126.5	97.3	84.3	81.1
80°	428.0	94.0	74.6	64.9	61.6
82.5°	291.8	68.1	55.1	45.4	42.2
85°	152.4	45.4	38.9	29.2	25.9
87.5°	58.4	29.2	22.7	13.0	13.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)