

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: P218616

Luminaire Tested: **4SNLED-LD5-67HL-RW-UNV-L835-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218616
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35747)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNLED-LD5-67HL-RW-UNV-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6697.0 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Spacing Criteria (0/90/45): 1.28 / 0.85 / 0.95
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.17')
CIE Type: Direct

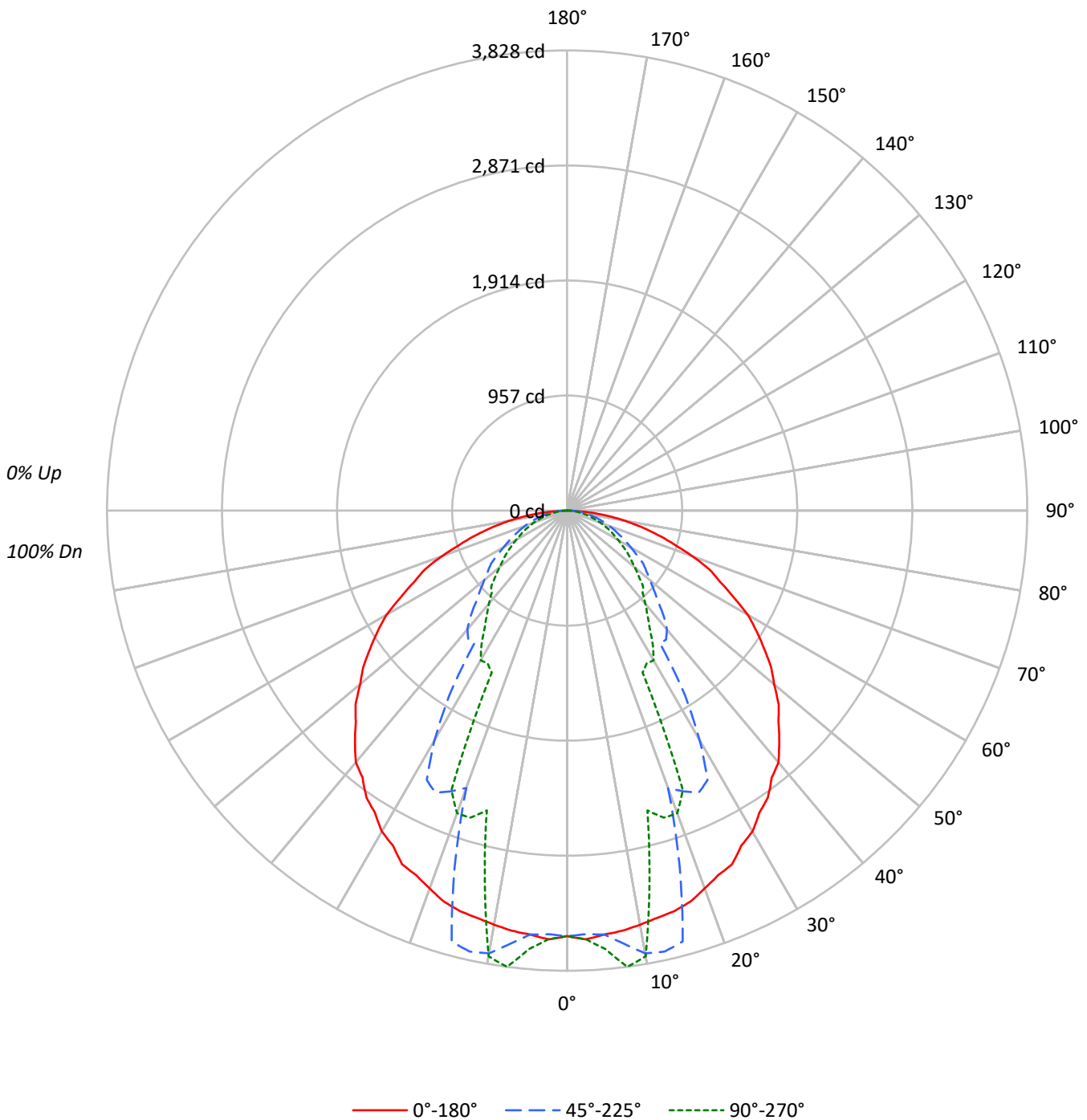
Input Watts (W): 61.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	85
2	101	93	87	81	98	91	85	80	88	83	79	84	80	77	81	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	86	74	66	60	83	73	65	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	53	77	66	58	52	64	57	52	62	56	51	60	55	51	49
6	74	61	53	47	72	60	52	47	59	52	46	57	51	46	55	50	46	44
7	69	56	48	42	67	55	48	42	54	47	42	52	46	41	51	45	41	39
8	64	52	44	38	63	51	43	38	50	43	38	49	42	38	47	42	37	36
9	61	48	40	35	59	47	40	35	46	39	35	45	39	34	44	38	34	33
10	57	45	37	32	56	44	37	32	43	36	32	42	36	32	41	36	32	30

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	57049	57049	57049
5°	57058	53784	54465
10°	56810	54164	52381
15°	56895	51713	33969
20°	56496	33204	33678
25°	56624	34262	18015
30°	56006	28793	16972
35°	55642	17495	13850
40°	55559	16783	11593
45°	54383	14024	10190
50°	53668	11993	8409
55°	53017	10581	7090
60°	52159	8649	5810
65°	49175	7143	4760
70°	46762	5783	3730
75°	42074	4487	2656
80°	36419	3217	1716
85°	25394	2041	744



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	345.6	5.2
10°-20°	925.6	13.8
20°-30°	1197.4	17.9
30°-40°	1137.1	17.0
40°-50°	1094.5	16.3
50°-60°	869.6	13.0
60°-70°	632.8	9.4
70°-80°	368.2	5.5
80°-90°	126.3	1.9
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°	2468.5	36.9
0°-40°	3605.6	53.8
0°-60°	5569.8	83.2
0°-90°	6697.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6697.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3540	3540	3540	3540	3540	
5°	3540	3532	3539	3623	3662	337
15°	3449	3611	3712	2898	2582	972
25°	3247	3444	2589	2090	1486	1487
35°	2911	2241	1348	1252	1197	1817
45°	2486	2114	1069	906	894	1926
55°	2000	1203	773	629	613	1790
65°	1405	744	483	407	393	1404
75°	781	393	270	221	202	829
85°	203	164	104	68	50	237
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3540.4	3540.4	3540.4	3540.4	3540.4
2.5°	3570.0	3542.5	3527.2	3529.2	3569.0
5°	3540.4	3532.3	3539.4	3623.0	3661.8
7.5°	3525.1	3507.8	3634.3	3778.0	3828.0
10°	3497.6	3545.5	3740.3	3799.4	3765.8
12.5°	3469.1	3574.1	3756.6	3372.2	3161.1
15°	3448.7	3610.8	3711.8	2898.0	2581.9
17.5°	3410.9	3634.3	3118.3	2573.8	2678.8
20°	3344.7	3623.0	2455.5	2683.9	2678.8
22.5°	3283.5	3559.8	2527.9	2631.9	2514.6
25°	3246.8	3443.6	2589.0	2090.4	1485.7
27.5°	3140.7	3159.1	2528.9	1451.1	1433.7
30°	3082.6	2881.7	2205.6	1424.5	1438.8
32.5°	2978.6	2562.5	1827.3	1372.5	1326.6
35°	2911.3	2241.3	1348.1	1252.2	1197.1
37.5°	2797.1	2257.6	1352.1	1148.2	1096.2
40°	2733.8	2271.9	1291.0	1048.3	1013.6
42.5°	2612.5	2217.9	1189.0	966.7	929.0
45°	2486.1	2113.9	1068.7	905.5	894.3
47.5°	2386.1	1821.2	979.9	847.4	806.6
50°	2247.4	1448.0	898.4	769.9	735.2
52.5°	2138.3	1232.8	832.1	702.6	670.0
55°	1999.7	1203.3	772.9	629.2	612.8
57.5°	1869.1	1101.3	685.2	571.0	545.5
60°	1735.5	974.8	610.8	515.0	492.5
62.5°	1561.2	843.3	545.5	457.9	436.4
65°	1405.2	744.4	483.3	406.9	392.6
67.5°	1283.8	667.9	427.3	356.9	337.5
70°	1106.4	582.3	371.2	309.0	296.7
72.5°	931.0	475.2	319.2	266.1	243.7
75°	781.1	392.6	270.2	221.3	201.9
77.5°	634.3	328.3	224.3	181.5	161.1
80°	485.4	267.2	179.5	141.7	123.4
82.5°	343.6	213.1	140.7	103.0	86.7
85°	202.9	164.2	104.0	68.3	50.0
87.5°	80.6	123.4	68.3	33.7	17.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)