

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: P218617

Luminaire Tested: **4SNLED-LD5-67HL-RW-UNV-L840-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218617
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-L840-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6831.0 lumens
Efficiency: N/A
Efficacy: 110.5 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

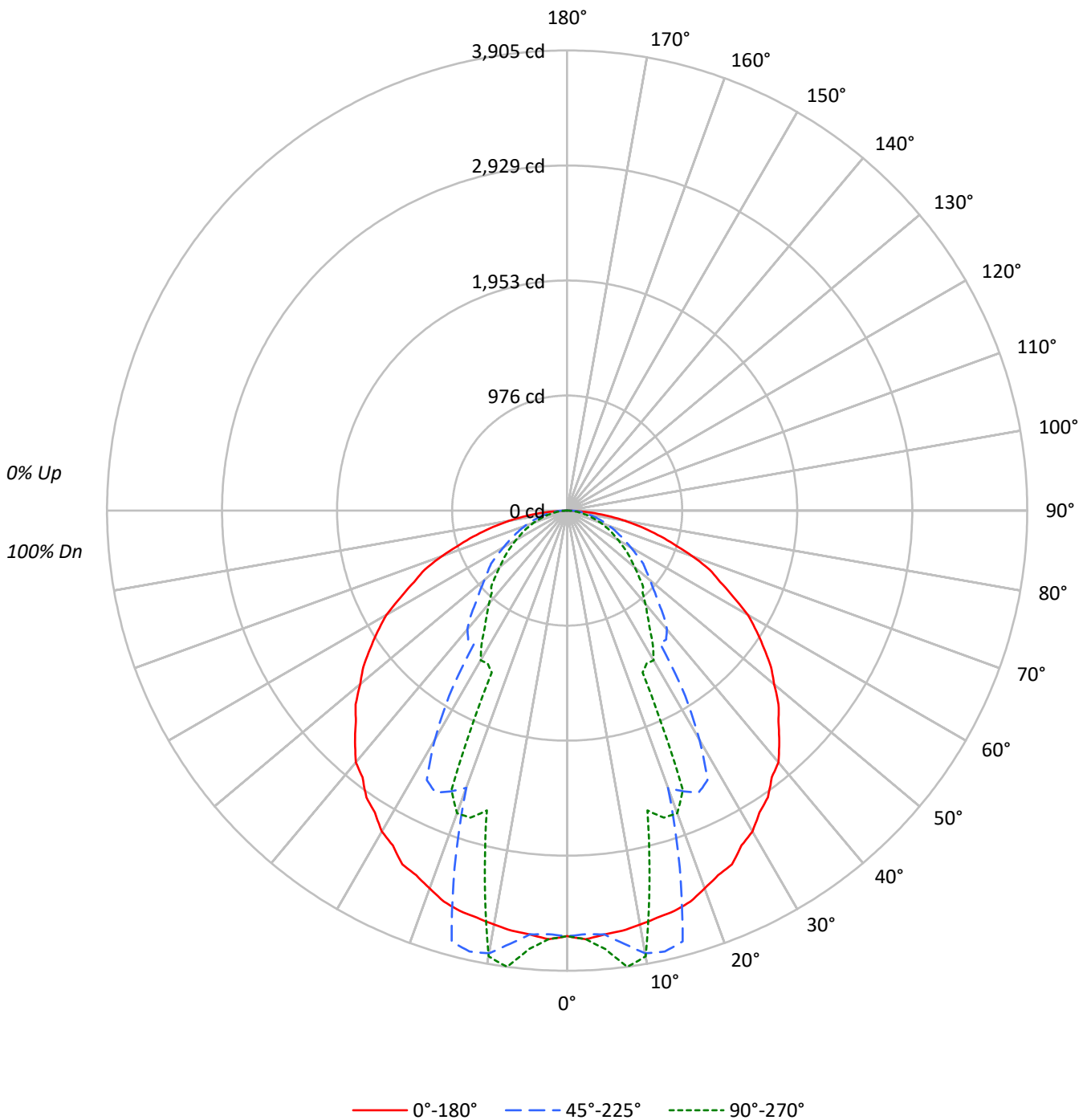
Input Watts (W): 61.8
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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	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°	58191	58191	58191
5°	58201	54860	55556
10°	57947	55248	53428
15°	58033	52747	34650
20°	57626	33868	34352
25°	57756	34949	18375
30°	57127	29370	17312
35°	56754	17844	14128
40°	56670	17118	11825
45°	55470	14303	10394
50°	54743	12232	8577
55°	54077	10794	7232
60°	53205	8822	5926
65°	50158	7287	4855
70°	47696	5899	3806
75°	42915	4577	2709
80°	37147	3282	1751
85°	25908	2082	759



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	352.5	5.2
10°-20°	944.1	13.8
20°-30°	1221.4	17.9
30°-40°	1159.8	17.0
40°-50°	1116.4	16.3
50°-60°	887.0	13.0
60°-70°	645.5	9.4
70°-80°	375.5	5.5
80°-90°	128.8	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°	2517.9	36.9
0°-40°	3677.8	53.8
0°-60°	5681.2	83.2
0°-90°	6831.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6831.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3611	3611	3611	3611	3611	
5°	3611	3603	3610	3696	3735	344
15°	3518	3683	3786	2956	2634	992
25°	3312	3512	2641	2132	1515	1517
35°	2970	2286	1375	1277	1221	1853
45°	2536	2156	1090	924	912	1965
55°	2040	1227	788	642	625	1825
65°	1433	759	493	415	400	1432
75°	797	400	276	226	206	845
85°	207	168	106	70	51	241
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3611.3	3611.3	3611.3	3611.3	3611.3
2.5°	3641.4	3613.4	3597.8	3599.8	3640.4
5°	3611.3	3603.0	3610.2	3695.5	3735.1
7.5°	3595.7	3578.0	3707.0	3853.6	3904.6
10°	3567.6	3616.5	3815.1	3875.5	3841.1
12.5°	3538.5	3645.6	3831.8	3439.7	3224.4
15°	3517.7	3683.0	3786.0	2956.0	2633.6
17.5°	3479.2	3707.0	3180.7	2625.3	2732.4
20°	3411.6	3695.5	2504.6	2737.6	2732.4
22.5°	3349.2	3631.0	2578.4	2684.5	2564.9
25°	3311.7	3512.5	2640.9	2132.2	1515.4
27.5°	3203.6	3222.3	2579.5	1480.1	1462.4
30°	3144.3	2939.4	2249.8	1453.0	1467.6
32.5°	3038.2	2613.8	1863.9	1400.0	1353.2
35°	2969.5	2286.2	1375.0	1277.3	1221.1
37.5°	2853.0	2302.8	1379.2	1171.2	1118.1
40°	2788.5	2317.4	1316.8	1069.2	1033.9
42.5°	2664.8	2262.3	1212.8	986.0	947.5
45°	2535.8	2156.2	1090.0	923.6	912.2
47.5°	2433.9	1857.6	999.6	864.3	822.7
50°	2292.4	1477.0	916.3	785.3	749.9
52.5°	2181.1	1257.5	848.7	716.6	683.4
55°	2039.7	1227.3	788.4	641.8	625.1
57.5°	1906.5	1123.3	699.0	582.5	556.5
60°	1770.3	994.4	623.0	525.3	502.4
62.5°	1592.4	860.2	556.5	467.0	445.2
65°	1433.3	759.3	493.0	415.0	400.4
67.5°	1309.5	681.3	435.8	364.0	344.3
70°	1128.5	593.9	378.6	315.2	302.7
72.5°	949.6	484.7	325.6	271.5	248.6
75°	796.7	400.4	275.6	225.7	205.9
77.5°	647.0	334.9	228.8	185.1	164.3
80°	495.1	272.5	183.1	144.6	125.9
82.5°	350.5	217.4	143.5	105.1	88.4
85°	207.0	167.5	106.1	69.7	51.0
87.5°	82.2	125.9	69.7	34.3	17.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)