

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: P566753

Luminaire Tested: **4SNX-67SL-UNV-L850-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566753
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-67SL-UNV-L850-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 5000K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

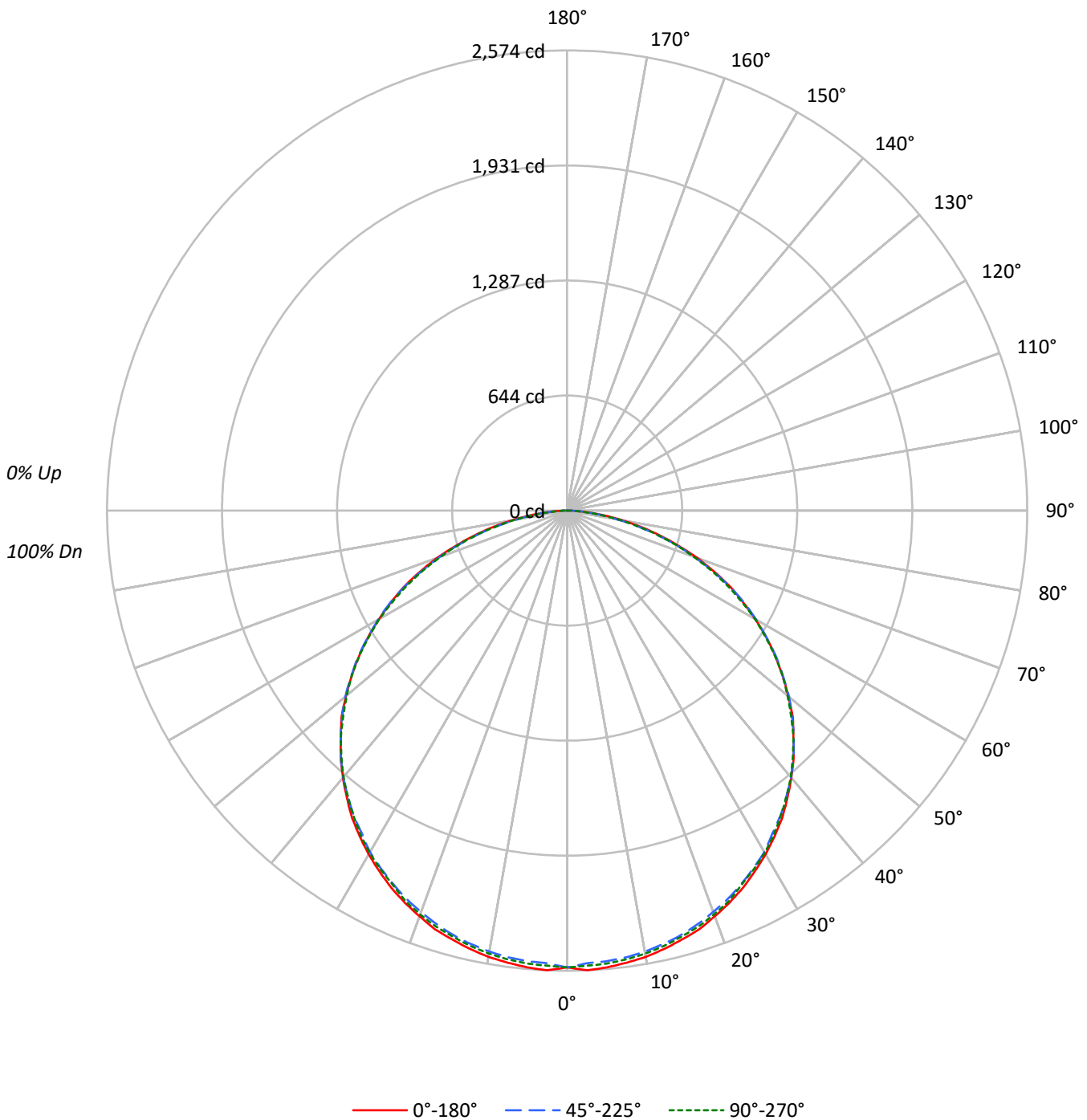
Lumens per Lamp: N/A
Luminaire Lumens: 7640.0 lumens
Efficiency: N/A
Efficacy: 159.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 47.9
Input Voltage (V): NR
Input Current (Ain): 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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CATALOG NUMBER: 4SNX-67SL-UNV-L850-CD

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	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	27504	27504	27504
5°	27708	27336	27485
10°	27702	27375	27501
15°	27681	27399	27501
20°	27663	27373	27531
25°	27645	27372	27427
30°	27589	27417	27475
35°	27567	27356	27386
40°	27413	27380	27348
45°	27248	27283	27248
50°	27051	27128	26935
55°	26693	26780	26650
60°	26169	26268	26120
65°	25635	25459	25108
70°	24372	23865	23575
75°	22267	21501	21597
80°	19228	17803	18230
85°	14474	13906	12486



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.4	3.2
10°-20°	698.5	9.1
20°-30°	1068.7	14.0
30°-40°	1306.7	17.1
40°-50°	1382.2	18.1
50°-60°	1273.6	16.7
60°-70°	981.4	12.8
70°-80°	549.9	7.2
80°-90°	136.7	1.8
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°	2009.6	26.3
0°-40°	3316.3	43.4
0°-60°	5972.1	78.2
0°-90°	7640.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7640.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2555	2555	2555	2555	2555	
5°	2564	2555	2530	2555	2544	244
15°	2484	2479	2459	2479	2468	702
25°	2328	2323	2305	2323	2309	1073
35°	2098	2093	2082	2089	2084	1311
45°	1790	1797	1792	1790	1790	1383
55°	1422	1434	1427	1427	1420	1270
65°	1006	1006	1000	974	986	990
75°	535	528	517	499	519	568
85°	117	110	113	113	101	145
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2555.2	2555.2	2555.2	2555.2	2555.2
2.5°	2573.6	2562.1	2534.5	2559.8	2548.3
5°	2564.4	2555.2	2529.9	2555.2	2543.7
7.5°	2550.6	2543.7	2520.7	2543.7	2532.2
10°	2534.5	2527.6	2504.6	2527.6	2516.1
12.5°	2511.5	2506.9	2484.0	2506.9	2495.4
15°	2484.0	2479.4	2458.7	2479.4	2467.9
17.5°	2456.4	2447.2	2426.5	2449.5	2440.3
20°	2415.0	2410.4	2389.7	2410.4	2403.5
22.5°	2373.7	2369.1	2350.7	2369.1	2364.5
25°	2327.7	2323.1	2304.7	2323.1	2309.3
27.5°	2274.9	2277.2	2256.5	2268.0	2261.1
30°	2219.7	2219.7	2205.9	2210.5	2210.5
32.5°	2160.0	2160.0	2139.3	2153.1	2150.8
35°	2097.9	2093.3	2081.8	2088.7	2084.1
37.5°	2024.4	2022.1	2015.2	2019.8	2015.2
40°	1950.9	1953.2	1948.6	1946.3	1946.3
42.5°	1875.0	1879.6	1872.7	1870.4	1868.1
45°	1790.0	1796.9	1792.3	1790.0	1790.0
47.5°	1711.9	1714.2	1707.3	1705.0	1698.1
50°	1615.4	1624.6	1620.0	1615.4	1608.5
52.5°	1518.9	1532.7	1523.5	1518.9	1518.9
55°	1422.4	1433.8	1427.0	1427.0	1420.1
57.5°	1321.3	1332.7	1323.6	1323.6	1314.4
60°	1215.6	1227.0	1220.2	1213.3	1213.3
62.5°	1109.9	1119.0	1116.7	1105.3	1098.4
65°	1006.5	1006.5	999.6	974.3	985.8
67.5°	889.3	887.0	877.8	852.5	868.6
70°	774.4	774.4	758.3	728.4	749.1
72.5°	650.3	657.2	636.5	615.8	636.5
75°	535.4	528.5	517.0	498.6	519.3
77.5°	425.1	413.6	399.8	390.6	402.1
80°	310.2	303.3	287.2	287.2	294.1
82.5°	211.4	204.5	193.0	195.3	186.1
85°	117.2	110.3	112.6	112.6	101.1
87.5°	48.3	48.3	48.3	43.7	39.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)