

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: P566755

Luminaire Tested: **4SNX-67SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566755
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-L935-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

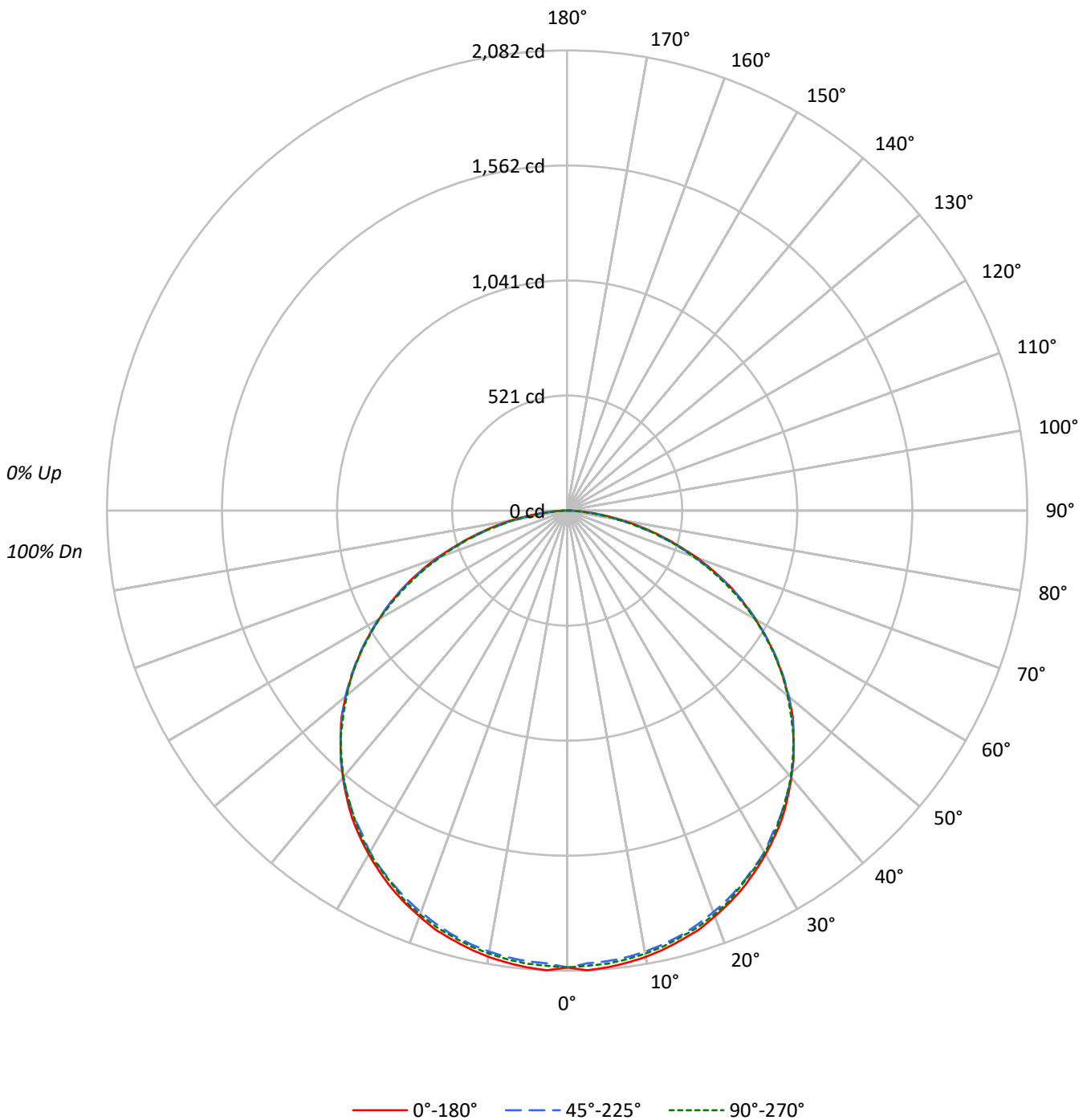
Lumens per Lamp: N/A
Luminaire Lumens: 6181.0 lumens
Efficiency: N/A
Efficacy: 129.0 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

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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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°	22251	22251	22251
5°	22417	22116	22236
10°	22412	22147	22249
15°	22394	22167	22249
20°	22380	22147	22274
25°	22366	22145	22189
30°	22320	22182	22228
35°	22303	22132	22156
40°	22177	22150	22125
45°	22045	22073	22045
50°	21885	21947	21791
55°	21594	21666	21561
60°	21170	21250	21132
65°	20740	20597	20312
70°	19717	19308	19072
75°	18016	17397	17471
80°	15559	14406	14753
85°	11708	11251	10102



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	196.1	3.2
10°-20°	565.1	9.1
20°-30°	864.6	14.0
30°-40°	1057.2	17.1
40°-50°	1118.3	18.1
50°-60°	1030.4	16.7
60°-70°	794.0	12.8
70°-80°	444.9	7.2
80°-90°	110.6	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°	1625.8	26.3
0°-40°	2683.0	43.4
0°-60°	4831.6	78.2
0°-90°	6181.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6181.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2067	2067	2067	2067	2067	
5°	2075	2067	2047	2067	2058	197
15°	2010	2006	1989	2006	1997	568
25°	1883	1880	1865	1880	1868	868
35°	1697	1694	1684	1690	1686	1061
45°	1448	1454	1450	1448	1448	1119
55°	1151	1160	1154	1154	1149	1028
65°	814	814	809	788	798	801
75°	433	428	418	403	420	459
85°	95	89	91	91	82	117
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2067.2	2067.2	2067.2	2067.2	2067.2
2.5°	2082.1	2072.8	2050.5	2070.9	2061.7
5°	2074.7	2067.2	2046.8	2067.2	2057.9
7.5°	2063.5	2057.9	2039.3	2057.9	2048.6
10°	2050.5	2044.9	2026.3	2044.9	2035.6
12.5°	2031.9	2028.2	2009.6	2028.2	2018.9
15°	2009.6	2005.9	1989.2	2005.9	1996.6
17.5°	1987.3	1979.9	1963.1	1981.7	1974.3
20°	1953.8	1950.1	1933.4	1950.1	1944.5
22.5°	1920.4	1916.7	1901.8	1916.7	1912.9
25°	1883.2	1879.5	1864.6	1879.5	1868.3
27.5°	1840.4	1842.3	1825.6	1834.9	1829.3
30°	1795.8	1795.8	1784.7	1788.4	1788.4
32.5°	1747.5	1747.5	1730.7	1741.9	1740.0
35°	1697.3	1693.6	1684.3	1689.8	1686.1
37.5°	1637.8	1635.9	1630.4	1634.1	1630.4
40°	1578.3	1580.2	1576.4	1574.6	1574.6
42.5°	1517.0	1520.7	1515.1	1513.2	1511.4
45°	1448.2	1453.8	1450.0	1448.2	1448.2
47.5°	1385.0	1386.8	1381.3	1379.4	1373.8
50°	1306.9	1314.3	1310.6	1306.9	1301.3
52.5°	1228.8	1240.0	1232.5	1228.8	1228.8
55°	1150.7	1160.0	1154.5	1154.5	1148.9
57.5°	1068.9	1078.2	1070.8	1070.8	1063.4
60°	983.4	992.7	987.1	981.6	981.6
62.5°	897.9	905.3	903.5	894.2	888.6
65°	814.3	814.3	808.7	788.2	797.5
67.5°	719.4	717.6	710.1	689.7	702.7
70°	626.5	626.5	613.5	589.3	606.0
72.5°	526.1	531.7	514.9	498.2	514.9
75°	433.2	427.6	418.3	403.4	420.1
77.5°	343.9	334.6	323.5	316.0	325.3
80°	251.0	245.4	232.4	232.4	238.0
82.5°	171.0	165.5	156.2	158.0	150.6
85°	94.8	89.2	91.1	91.1	81.8
87.5°	39.0	39.0	39.0	35.3	31.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)