

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: P566756

Luminaire Tested: **4SNX-67SL-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566756
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-L940-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

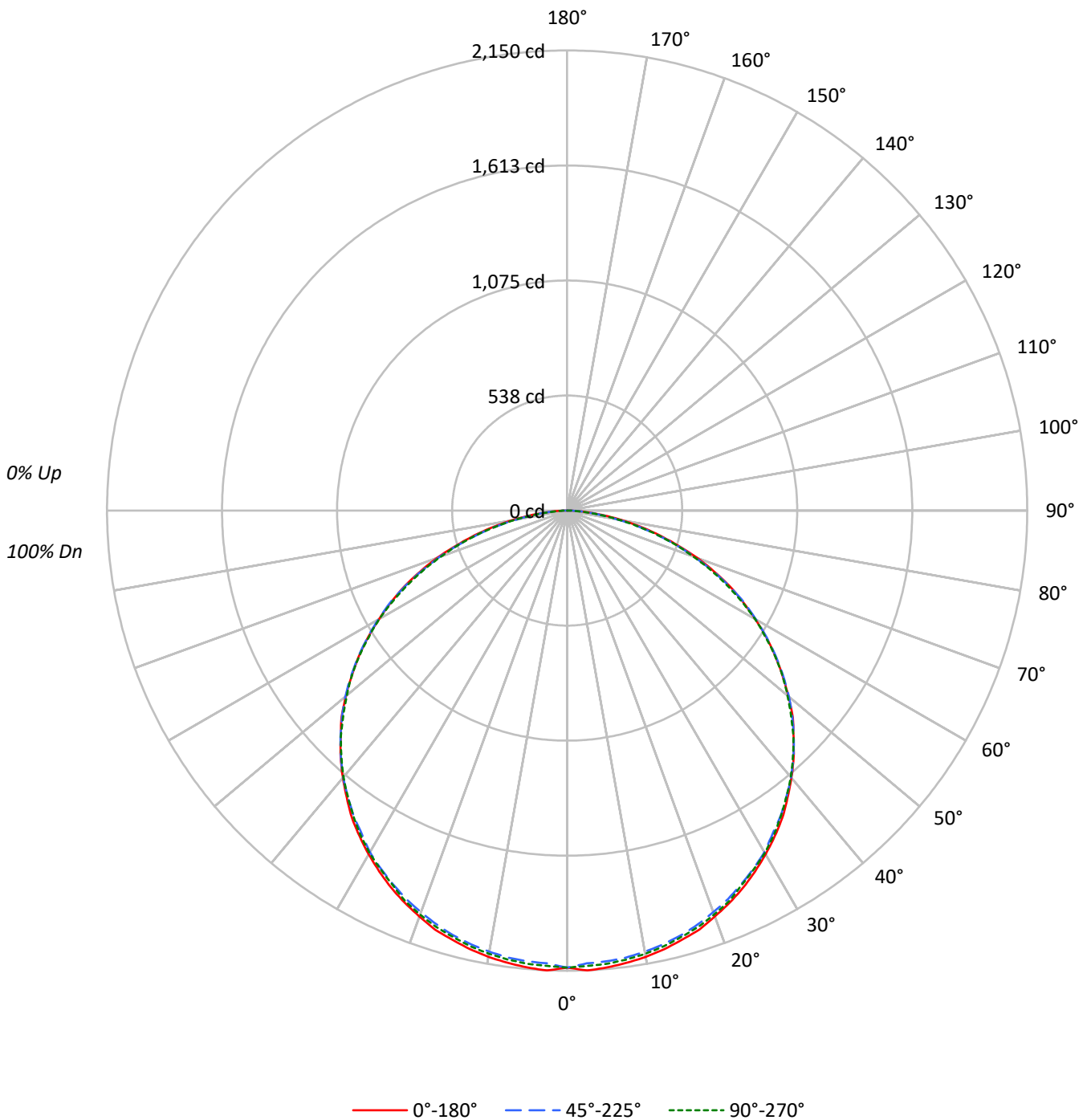
Lumens per Lamp: N/A
Luminaire Lumens: 6384.0 lumens
Efficiency: N/A
Efficacy: 133.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

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°	22982	22982	22982
5°	23153	22842	22966
10°	23147	22875	22980
15°	23130	22895	22980
20°	23116	22874	23006
25°	23100	22872	22918
30°	23053	22911	22958
35°	23035	22859	22884
40°	22905	22878	22852
45°	22768	22799	22768
50°	22603	22669	22508
55°	22304	22377	22268
60°	21866	21950	21825
65°	21420	21272	20979
70°	20365	19940	19698
75°	18607	17966	18045
80°	16067	14877	15236
85°	12091	11622	10436



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.5	3.2
10°-20°	583.6	9.1
20°-30°	893.0	14.0
30°-40°	1091.9	17.1
40°-50°	1155.0	18.1
50°-60°	1064.2	16.7
60°-70°	820.1	12.8
70°-80°	459.5	7.2
80°-90°	114.2	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°	1679.2	26.3
0°-40°	2771.1	43.4
0°-60°	4990.3	78.2
0°-90°	6384.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6384.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2135	2135	2135	2135	2135	
5°	2143	2135	2114	2135	2126	204
15°	2076	2072	2054	2072	2062	586
25°	1945	1941	1926	1941	1930	896
35°	1753	1749	1740	1745	1742	1095
45°	1496	1502	1498	1496	1496	1155
55°	1188	1198	1192	1192	1187	1061
65°	841	841	835	814	824	827
75°	447	442	432	417	434	474
85°	98	92	94	94	84	121
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2135.1	2135.1	2135.1	2135.1	2135.1
2.5°	2150.5	2140.9	2117.8	2139.0	2129.4
5°	2142.8	2135.1	2114.0	2135.1	2125.5
7.5°	2131.3	2125.5	2106.3	2125.5	2115.9
10°	2117.8	2112.1	2092.9	2112.1	2102.5
12.5°	2098.6	2094.8	2075.6	2094.8	2085.2
15°	2075.6	2071.8	2054.5	2071.8	2062.2
17.5°	2052.6	2044.9	2027.6	2046.8	2039.1
20°	2018.0	2014.2	1996.9	2014.2	2008.4
22.5°	1983.4	1979.6	1964.2	1979.6	1975.8
25°	1945.0	1941.2	1925.8	1941.2	1929.7
27.5°	1900.9	1902.8	1885.5	1895.1	1889.4
30°	1854.8	1854.8	1843.3	1847.1	1847.1
32.5°	1804.9	1804.9	1787.6	1799.1	1797.2
35°	1753.0	1749.2	1739.6	1745.3	1741.5
37.5°	1691.6	1689.7	1683.9	1687.7	1683.9
40°	1630.1	1632.1	1628.2	1626.3	1626.3
42.5°	1566.8	1570.6	1564.9	1562.9	1561.0
45°	1495.7	1501.5	1497.7	1495.7	1495.7
47.5°	1430.5	1432.4	1426.6	1424.7	1418.9
50°	1349.8	1357.5	1353.7	1349.8	1344.1
52.5°	1269.2	1280.7	1273.0	1269.2	1269.2
55°	1188.5	1198.1	1192.4	1192.4	1186.6
57.5°	1104.0	1113.6	1106.0	1106.0	1098.3
60°	1015.7	1025.3	1019.6	1013.8	1013.8
62.5°	927.4	935.1	933.2	923.6	917.8
65°	841.0	841.0	835.2	814.1	823.7
67.5°	743.1	741.1	733.5	712.3	725.8
70°	647.1	647.1	633.6	608.7	625.9
72.5°	543.4	549.1	531.9	514.6	531.9
75°	447.4	441.6	432.0	416.7	433.9
77.5°	355.2	345.6	334.1	326.4	336.0
80°	259.2	253.4	240.0	240.0	245.8
82.5°	176.6	170.9	161.3	163.2	155.5
85°	97.9	92.2	94.1	94.1	84.5
87.5°	40.3	40.3	40.3	36.5	32.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)