

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: P566751

Luminaire Tested: **4SNX-67SL-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566751
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-L835-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

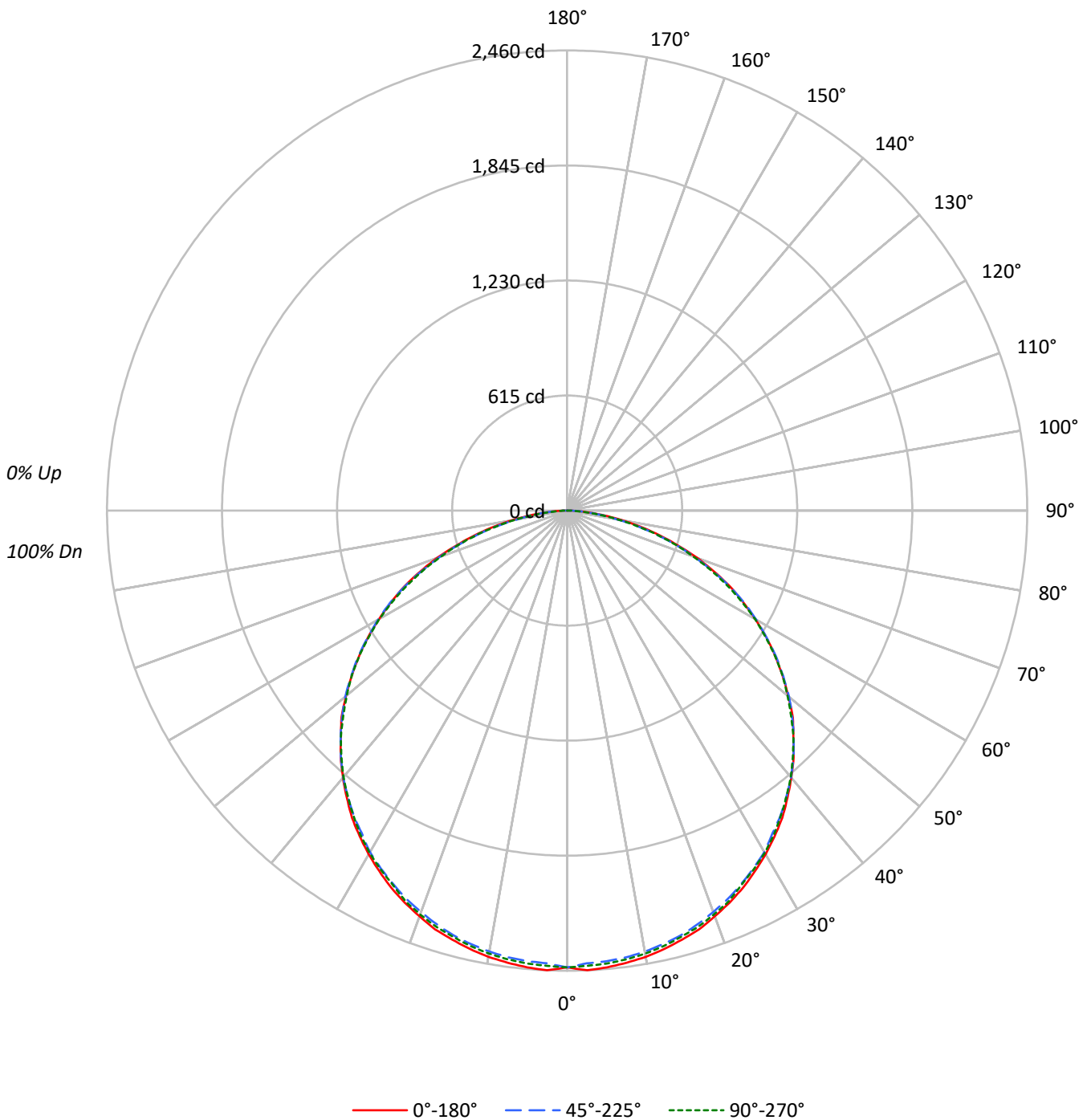
Lumens per Lamp: N/A
Luminaire Lumens: 7302.0 lumens
Efficiency: N/A
Efficacy: 152.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

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°	26287	26287	26287
5°	26482	26127	26269
10°	26477	26164	26284
15°	26456	26186	26284
20°	26440	26163	26314
25°	26422	26162	26214
30°	26368	26204	26259
35°	26348	26145	26174
40°	26200	26169	26138
45°	26043	26076	26043
50°	25854	25927	25743
55°	25511	25593	25470
60°	25011	25106	24964
65°	24499	24331	23997
70°	23292	22807	22534
75°	21281	20549	20640
80°	18379	17015	17425
85°	13832	13289	11930



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	231.7	3.2
10°-20°	667.6	9.1
20°-30°	1021.4	14.0
30°-40°	1248.9	17.1
40°-50°	1321.1	18.1
50°-60°	1217.2	16.7
60°-70°	938.0	12.8
70°-80°	525.5	7.2
80°-90°	130.6	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°	1920.7	26.3
0°-40°	3169.5	43.4
0°-60°	5707.9	78.2
0°-90°	7302.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7302.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2442	2442	2442	2442	2442	
5°	2451	2442	2418	2442	2431	233
15°	2374	2370	2350	2370	2359	671
25°	2225	2220	2203	2220	2207	1025
35°	2005	2001	1990	1996	1992	1253
45°	1711	1717	1713	1711	1711	1322
55°	1359	1370	1364	1364	1357	1214
65°	962	962	955	931	942	946
75°	512	505	494	477	496	543
85°	112	105	108	108	97	138
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2442.1	2442.1	2442.1	2442.1	2442.1
2.5°	2459.7	2448.7	2422.4	2446.5	2435.6
5°	2450.9	2442.1	2418.0	2442.1	2431.2
7.5°	2437.8	2431.2	2409.2	2431.2	2420.2
10°	2422.4	2415.8	2393.8	2415.8	2404.8
12.5°	2400.4	2396.0	2374.1	2396.0	2385.0
15°	2374.1	2369.7	2349.9	2369.7	2358.7
17.5°	2347.7	2338.9	2319.2	2341.1	2332.3
20°	2308.2	2303.8	2284.0	2303.8	2297.2
22.5°	2268.7	2264.3	2246.7	2264.3	2259.9
25°	2224.7	2220.3	2202.8	2220.3	2207.2
27.5°	2174.2	2176.4	2156.6	2167.6	2161.0
30°	2121.5	2121.5	2108.3	2112.7	2112.7
32.5°	2064.4	2064.4	2044.6	2057.8	2055.6
35°	2005.1	2000.7	1989.7	1996.3	1991.9
37.5°	1934.8	1932.6	1926.0	1930.4	1926.0
40°	1864.6	1866.8	1862.4	1860.2	1860.2
42.5°	1792.1	1796.5	1789.9	1787.7	1785.5
45°	1710.8	1717.4	1713.0	1710.8	1710.8
47.5°	1636.2	1638.3	1631.8	1629.6	1623.0
50°	1543.9	1552.7	1548.3	1543.9	1537.3
52.5°	1451.7	1464.8	1456.1	1451.7	1451.7
55°	1359.4	1370.4	1363.8	1363.8	1357.2
57.5°	1262.8	1273.8	1265.0	1265.0	1256.2
60°	1161.8	1172.8	1166.2	1159.6	1159.6
62.5°	1060.8	1069.5	1067.3	1056.4	1049.8
65°	961.9	961.9	955.3	931.2	942.2
67.5°	849.9	847.7	838.9	814.8	830.2
70°	740.1	740.1	724.7	696.2	716.0
72.5°	621.5	628.1	608.3	588.6	608.3
75°	511.7	505.1	494.1	476.6	496.3
77.5°	406.3	395.3	382.1	373.4	384.3
80°	296.5	289.9	274.5	274.5	281.1
82.5°	202.0	195.5	184.5	186.7	177.9
85°	112.0	105.4	107.6	107.6	96.6
87.5°	46.1	46.1	46.1	41.7	37.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)