

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: P566757

Luminaire Tested: **4SNX-67SL-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566757
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-L950-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

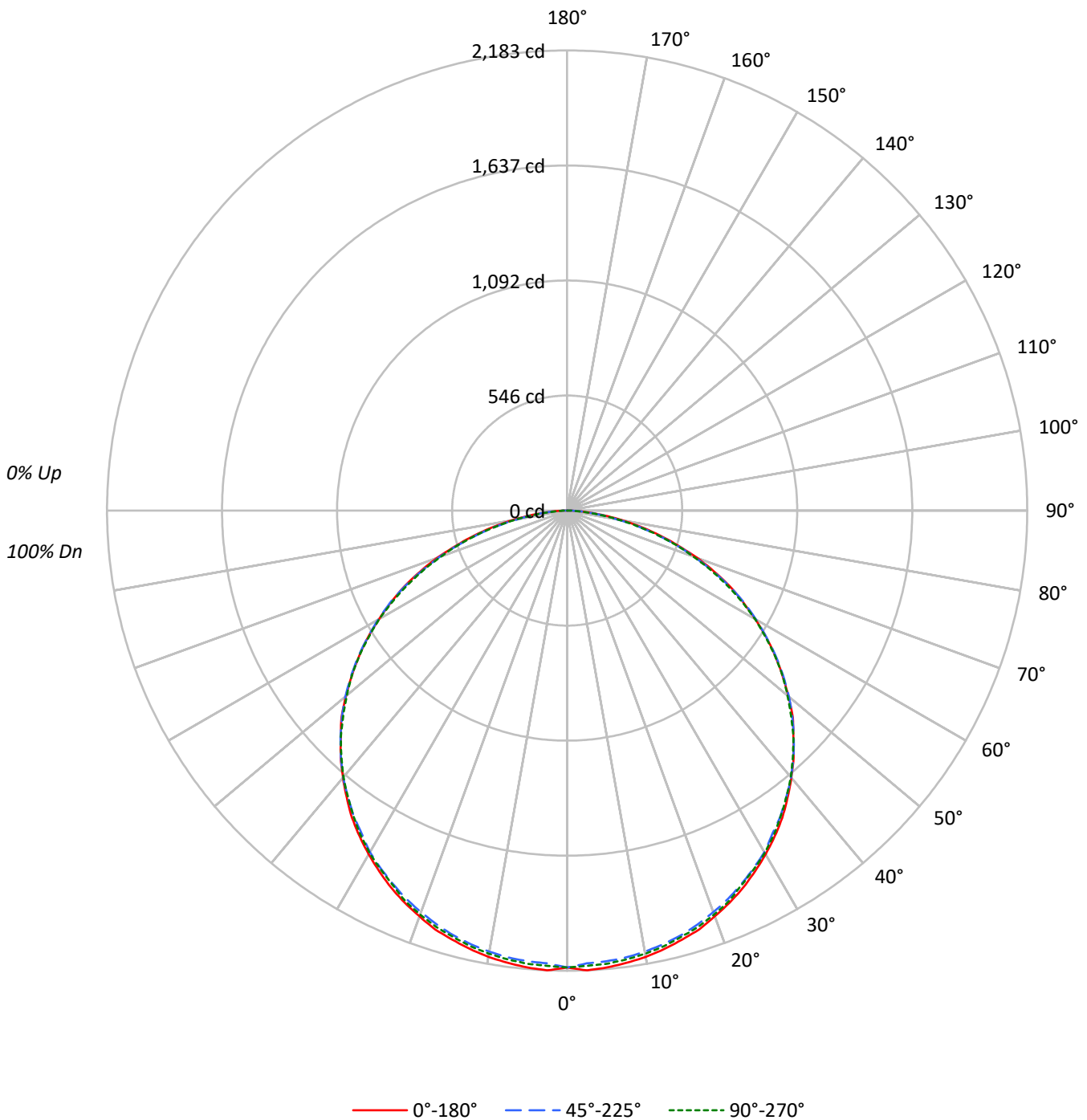
Lumens per Lamp: N/A
Luminaire Lumens: 6481.0 lumens
Efficiency: N/A
Efficacy: 135.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	23332	23332	23332
5°	23505	23189	23315
10°	23499	23223	23329
15°	23481	23242	23329
20°	23467	23221	23355
25°	23452	23220	23266
30°	23404	23259	23307
35°	23386	23206	23232
40°	23253	23227	23199
45°	23115	23144	23115
50°	22947	23012	22849
55°	22643	22717	22606
60°	22199	22283	22156
65°	21746	21596	21298
70°	20674	20246	20000
75°	18890	18241	18320
80°	16309	15106	15466
85°	12276	11794	10596



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.6	3.2
10°-20°	592.5	9.1
20°-30°	906.6	14.0
30°-40°	1108.5	17.1
40°-50°	1172.5	18.1
50°-60°	1080.4	16.7
60°-70°	832.5	12.8
70°-80°	466.5	7.2
80°-90°	115.9	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°	1704.7	26.3
0°-40°	2813.2	43.4
0°-60°	5066.1	78.2
0°-90°	6481.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6481.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2168	2168	2168	2168	2168	
5°	2175	2168	2146	2168	2158	207
15°	2107	2103	2086	2103	2094	595
25°	1975	1971	1955	1971	1959	910
35°	1780	1776	1766	1772	1768	1112
45°	1518	1524	1520	1518	1518	1173
55°	1207	1216	1210	1210	1205	1077
65°	854	854	848	826	836	840
75°	454	448	439	423	440	482
85°	99	94	96	96	86	123
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2167.6	2167.6	2167.6	2167.6	2167.6
2.5°	2183.2	2173.4	2150.0	2171.5	2161.7
5°	2175.4	2167.6	2146.1	2167.6	2157.8
7.5°	2163.7	2157.8	2138.3	2157.8	2148.1
10°	2150.0	2144.2	2124.7	2144.2	2134.4
12.5°	2130.5	2126.6	2107.1	2126.6	2116.9
15°	2107.1	2103.2	2085.7	2103.2	2093.5
17.5°	2083.7	2076.0	2058.4	2077.9	2070.1
20°	2048.7	2044.8	2027.2	2044.8	2038.9
22.5°	2013.6	2009.7	1994.1	2009.7	2005.8
25°	1974.6	1970.7	1955.1	1970.7	1959.0
27.5°	1929.8	1931.7	1914.2	1923.9	1918.1
30°	1883.0	1883.0	1871.3	1875.2	1875.2
32.5°	1832.3	1832.3	1814.8	1826.4	1824.5
35°	1779.7	1775.8	1766.0	1771.9	1768.0
37.5°	1717.3	1715.3	1709.5	1713.4	1709.5
40°	1654.9	1656.9	1653.0	1651.0	1651.0
42.5°	1590.6	1594.5	1588.6	1586.7	1584.7
45°	1518.5	1524.3	1520.4	1518.5	1518.5
47.5°	1452.2	1454.1	1448.3	1446.3	1440.5
50°	1370.3	1378.1	1374.2	1370.3	1364.5
52.5°	1288.5	1300.1	1292.4	1288.5	1288.5
55°	1206.6	1216.3	1210.5	1210.5	1204.6
57.5°	1120.8	1130.6	1122.8	1122.8	1115.0
60°	1031.2	1040.9	1035.1	1029.2	1029.2
62.5°	941.5	949.3	947.3	937.6	931.7
65°	853.8	853.8	847.9	826.5	836.2
67.5°	754.4	752.4	744.6	723.2	736.8
70°	656.9	656.9	643.3	617.9	635.5
72.5°	551.6	557.5	539.9	522.4	539.9
75°	454.2	448.3	438.6	423.0	440.5
77.5°	360.6	350.9	339.2	331.4	341.1
80°	263.1	257.3	243.7	243.7	249.5
82.5°	179.3	173.5	163.7	165.7	157.9
85°	99.4	93.6	95.5	95.5	85.8
87.5°	40.9	40.9	40.9	37.0	33.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)