

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: P567969

Luminaire Tested: **8SNX-66SL-UNV-L950-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567969  
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: 8SNX-66SL-UNV-L950-CD  
Description: 8FT 6600 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

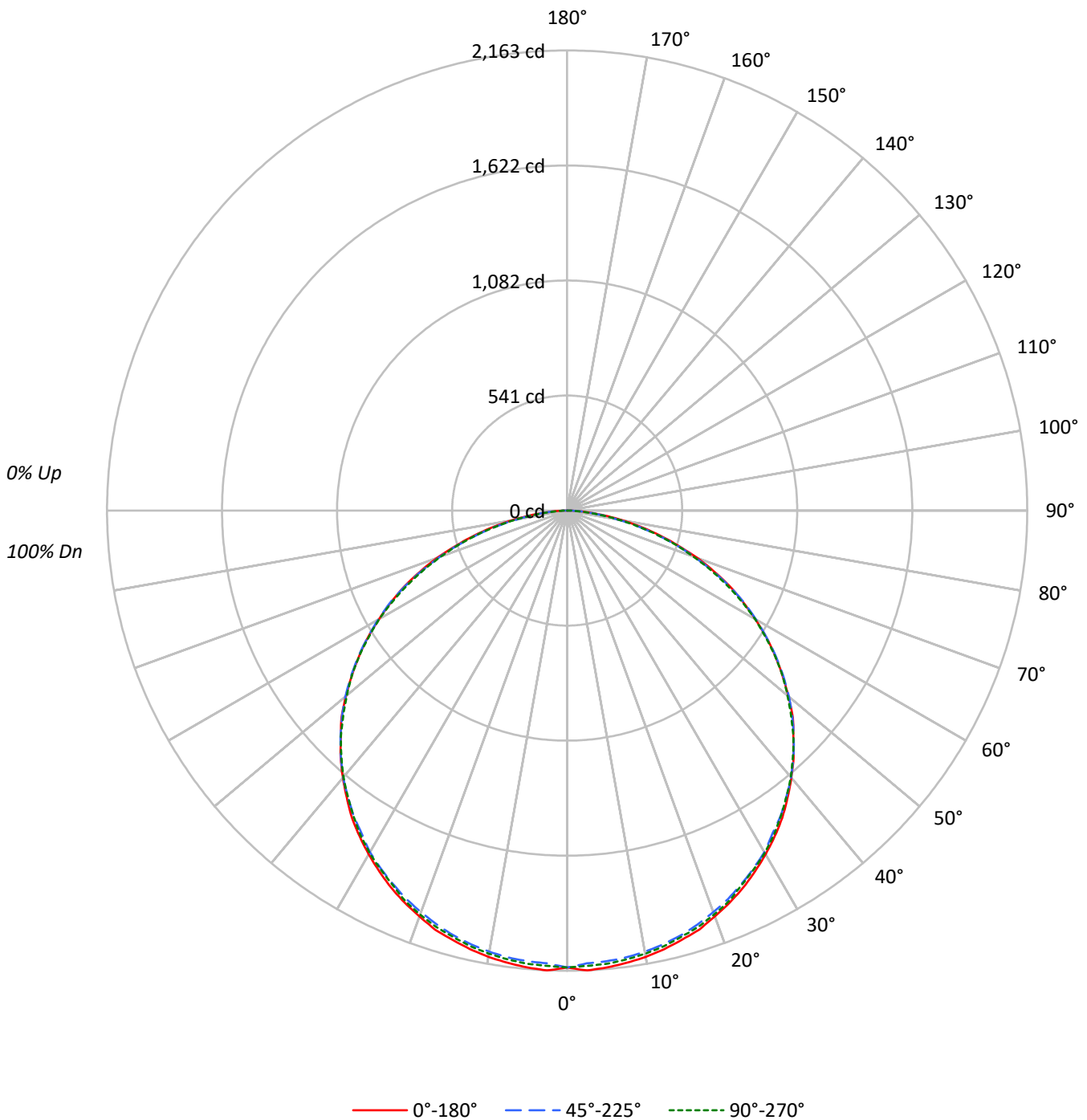
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6422.0 lumens  
Efficiency: N/A  
Efficacy: 152.2 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 42.2  
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°	11559	11559	11559
5°	11646	11489	11552
10°	11643	11505	11558
15°	11634	11515	11558
20°	11627	11505	11572
25°	11619	11504	11527
30°	11595	11523	11547
35°	11586	11497	11510
40°	11521	11507	11494
45°	11452	11467	11452
50°	11369	11401	11321
55°	11219	11255	11201
60°	10999	11039	10977
65°	10774	10700	10552
70°	10242	10030	9909
75°	9357	9037	9077
80°	8083	7482	7662
85°	6082	5842	5249



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	203.8	3.2
10°-20°	587.1	9.1
20°-30°	898.3	14.0
30°-40°	1098.4	17.1
40°-50°	1161.9	18.1
50°-60°	1070.5	16.7
60°-70°	824.9	12.8
70°-80°	462.2	7.2
80°-90°	114.9	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°	1689.2	26.3
0°-40°	2787.6	43.4
0°-60°	5020.0	78.2
0°-90°	6422.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6422.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2148	2148	2148	2148	2148	
5°	2156	2148	2127	2148	2138	205
15°	2088	2084	2067	2084	2074	590
25°	1957	1953	1937	1953	1941	902
35°	1764	1760	1750	1756	1752	1102
45°	1505	1510	1507	1505	1505	1162
55°	1196	1205	1200	1200	1194	1068
65°	846	846	840	819	829	832
75°	450	444	435	419	436	477
85°	98	93	95	95	85	122
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2147.8	2147.8	2147.8	2147.8	2147.8
2.5°	2163.3	2153.6	2130.4	2151.7	2142.0
5°	2155.6	2147.8	2126.6	2147.8	2138.2
7.5°	2144.0	2138.2	2118.9	2138.2	2128.5
10°	2130.4	2124.7	2105.3	2124.7	2115.0
12.5°	2111.1	2107.3	2088.0	2107.3	2097.6
15°	2088.0	2084.1	2066.7	2084.1	2074.4
17.5°	2064.8	2057.1	2039.7	2059.0	2051.3
20°	2030.0	2026.1	2008.8	2026.1	2020.4
22.5°	1995.2	1991.4	1975.9	1991.4	1987.5
25°	1956.6	1952.8	1937.3	1952.8	1941.2
27.5°	1912.2	1914.1	1896.7	1906.4	1900.6
30°	1865.8	1865.8	1854.2	1858.1	1858.1
32.5°	1815.6	1815.6	1798.2	1809.8	1807.9
35°	1763.5	1759.6	1749.9	1755.7	1751.9
37.5°	1701.7	1699.7	1693.9	1697.8	1693.9
40°	1639.8	1641.8	1637.9	1636.0	1636.0
42.5°	1576.1	1580.0	1574.2	1572.2	1570.3
45°	1504.6	1510.4	1506.6	1504.6	1504.6
47.5°	1439.0	1440.9	1435.1	1433.2	1427.4
50°	1357.8	1365.6	1361.7	1357.8	1352.1
52.5°	1276.7	1288.3	1280.6	1276.7	1276.7
55°	1195.6	1205.3	1199.5	1199.5	1193.7
57.5°	1110.6	1120.3	1112.5	1112.5	1104.8
60°	1021.8	1031.4	1025.6	1019.8	1019.8
62.5°	932.9	940.6	938.7	929.1	923.3
65°	846.0	846.0	840.2	819.0	828.6
67.5°	747.5	745.6	737.8	716.6	730.1
70°	650.9	650.9	637.4	612.3	629.7
72.5°	546.6	552.4	535.0	517.6	535.0
75°	450.0	444.2	434.6	419.1	436.5
77.5°	357.3	347.7	336.1	328.4	338.0
80°	260.8	255.0	241.4	241.4	247.2
82.5°	177.7	171.9	162.2	164.2	156.5
85°	98.5	92.7	94.6	94.6	85.0
87.5°	40.6	40.6	40.6	36.7	32.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)