

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: P567967

Luminaire Tested: **8SNX-66SL-UNV-L935-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567967  
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-L935-CD  
Description: 8FT 6600 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

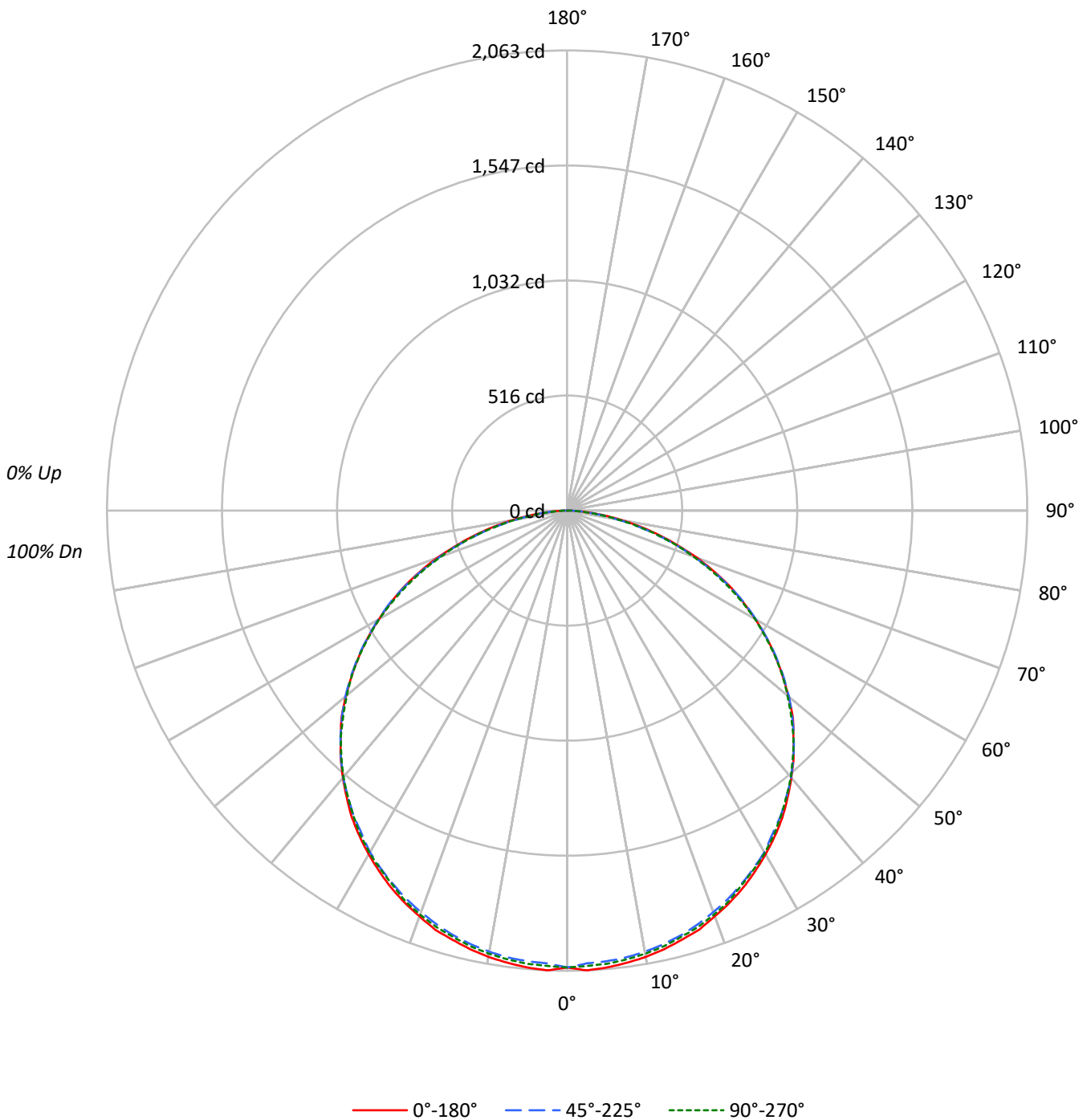
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6125.0 lumens  
Efficiency: N/A  
Efficacy: 145.1 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	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°	11025	11025	11025
5°	11107	10957	11017
10°	11104	10974	11024
15°	11096	10983	11024
20°	11089	10973	11036
25°	11082	10972	10994
30°	11059	10990	11013
35°	11050	10966	10978
40°	10988	10975	10962
45°	10923	10937	10923
50°	10844	10874	10797
55°	10700	10734	10683
60°	10489	10529	10470
65°	10276	10204	10064
70°	9769	9566	9449
75°	8925	8619	8657
80°	7708	7138	7308
85°	5805	5576	5008



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	194.3	3.2
10°-20°	560.0	9.1
20°-30°	856.8	14.0
30°-40°	1047.6	17.1
40°-50°	1108.2	18.1
50°-60°	1021.0	16.7
60°-70°	786.8	12.8
70°-80°	440.8	7.2
80°-90°	109.6	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°	1611.1	26.3
0°-40°	2658.6	43.4
0°-60°	4787.8	78.2
0°-90°	6125.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6125.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2048	2048	2048	2048	2048	
5°	2056	2048	2028	2048	2039	195
15°	1991	1988	1971	1988	1978	563
25°	1866	1862	1848	1862	1851	860
35°	1682	1678	1669	1674	1671	1051
45°	1435	1441	1437	1435	1435	1109
55°	1140	1150	1144	1144	1138	1018
65°	807	807	801	781	790	794
75°	429	424	414	400	416	455
85°	94	88	90	90	81	116
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2048.5	2048.5	2048.5	2048.5	2048.5
2.5°	2063.2	2054.0	2031.9	2052.2	2043.0
5°	2055.9	2048.5	2028.2	2048.5	2039.3
7.5°	2044.8	2039.3	2020.9	2039.3	2030.1
10°	2031.9	2026.4	2008.0	2026.4	2017.2
12.5°	2013.5	2009.8	1991.4	2009.8	2000.6
15°	1991.4	1987.7	1971.1	1987.7	1978.5
17.5°	1969.3	1961.9	1945.3	1963.8	1956.4
20°	1936.1	1932.4	1915.9	1932.4	1926.9
22.5°	1903.0	1899.3	1884.5	1899.3	1895.6
25°	1866.1	1862.4	1847.7	1862.4	1851.4
27.5°	1823.8	1825.6	1809.0	1818.2	1812.7
30°	1779.5	1779.5	1768.5	1772.2	1772.2
32.5°	1731.6	1731.6	1715.1	1726.1	1724.3
35°	1681.9	1678.2	1669.0	1674.5	1670.9
37.5°	1623.0	1621.1	1615.6	1619.3	1615.6
40°	1564.0	1565.9	1562.2	1560.3	1560.3
42.5°	1503.2	1506.9	1501.4	1499.5	1497.7
45°	1435.1	1440.6	1436.9	1435.1	1435.1
47.5°	1372.4	1374.3	1368.7	1366.9	1361.4
50°	1295.1	1302.4	1298.7	1295.1	1289.5
52.5°	1217.7	1228.7	1221.4	1217.7	1217.7
55°	1140.3	1149.5	1144.0	1144.0	1138.5
57.5°	1059.3	1068.5	1061.1	1061.1	1053.7
60°	974.5	983.7	978.2	972.7	972.7
62.5°	889.8	897.1	895.3	886.1	880.6
65°	806.9	806.9	801.3	781.1	790.3
67.5°	712.9	711.1	703.7	683.4	696.3
70°	620.8	620.8	607.9	584.0	600.5
72.5°	521.3	526.9	510.3	493.7	510.3
75°	429.2	423.7	414.5	399.8	416.3
77.5°	340.8	331.6	320.5	313.2	322.4
80°	248.7	243.2	230.3	230.3	235.8
82.5°	169.5	164.0	154.7	156.6	149.2
85°	94.0	88.4	90.3	90.3	81.1
87.5°	38.7	38.7	38.7	35.0	31.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)