

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: P567919

Luminaire Tested: **8SNX-62SL-UNV-L935-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567919  
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-62SL-UNV-L935-CD  
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

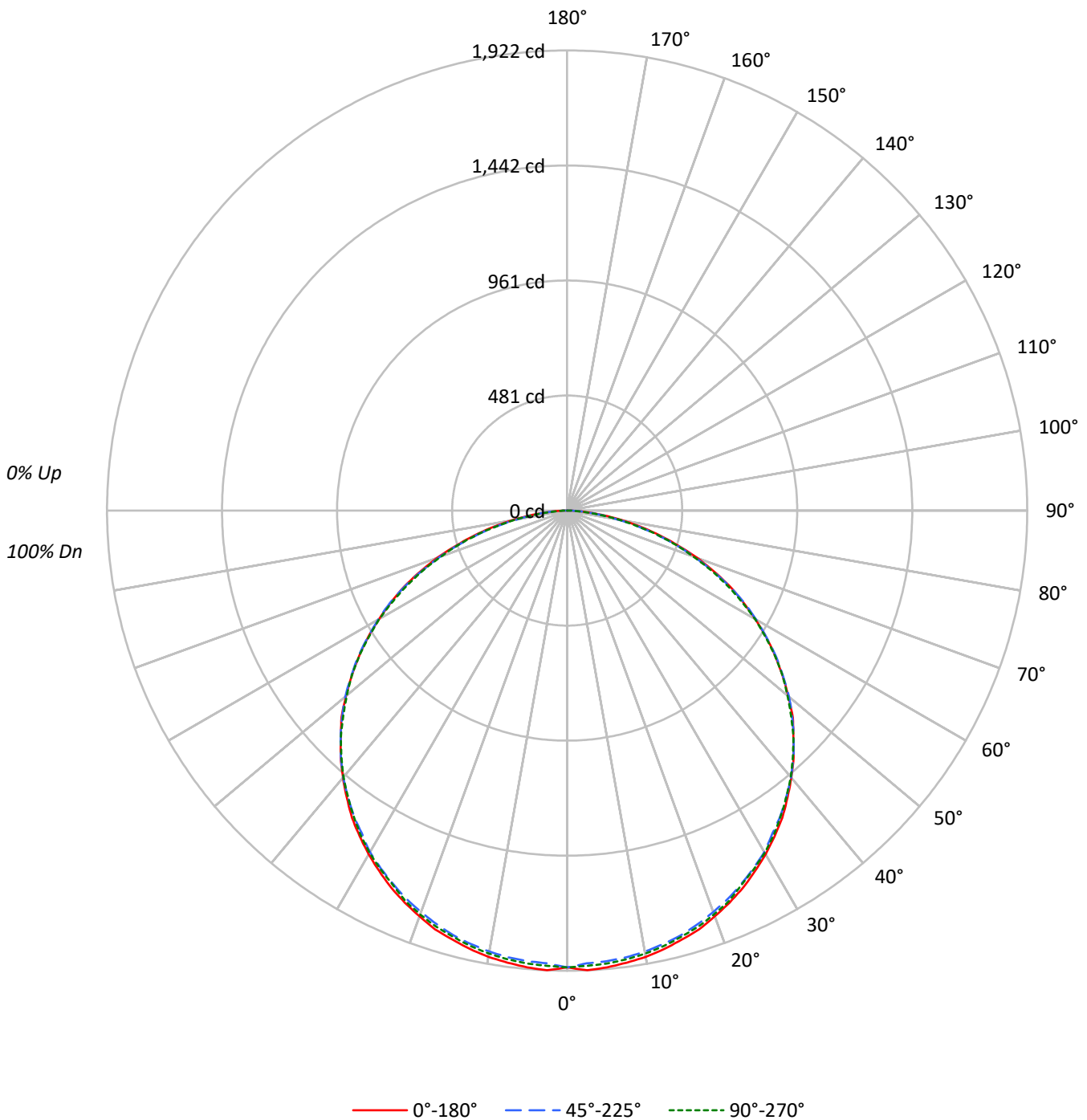
Lumens per Lamp: N/A  
Luminaire Lumens: 5705.0 lumens  
Efficiency: N/A  
Efficacy: 146.3 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')  
CIE Type: Direct

Input Watts (W): 39  
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°	10269	10269	10269
5°	10345	10206	10262
10°	10343	10221	10268
15°	10335	10230	10268
20°	10329	10220	10279
25°	10322	10220	10240
30°	10301	10237	10258
35°	10293	10214	10225
40°	10235	10222	10210
45°	10174	10187	10174
50°	10099	10129	10057
55°	9966	9998	9950
60°	9770	9807	9752
65°	9570	9505	9374
70°	9098	8910	8803
75°	8314	8029	8064
80°	7178	6648	6806
85°	5403	5193	4662



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	181.0	3.2
10°-20°	521.6	9.1
20°-30°	798.0	14.0
30°-40°	975.7	17.1
40°-50°	1032.2	18.1
50°-60°	951.0	16.7
60°-70°	732.8	12.8
70°-80°	410.6	7.2
80°-90°	102.1	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°	1500.6	26.3
0°-40°	2476.3	43.4
0°-60°	4459.5	78.2
0°-90°	5705.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5705.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1908	1908	1908	1908	1908	
5°	1915	1908	1889	1908	1900	182
15°	1855	1851	1836	1851	1843	524
25°	1738	1735	1721	1735	1724	801
35°	1567	1563	1555	1560	1556	979
45°	1337	1342	1338	1337	1337	1033
55°	1062	1071	1066	1066	1060	948
65°	752	752	746	728	736	739
75°	400	395	386	372	388	424
85°	88	82	84	84	76	108
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1908.0	1908.0	1908.0	1908.0	1908.0
2.5°	1921.8	1913.2	1892.6	1911.5	1902.9
5°	1914.9	1908.0	1889.2	1908.0	1899.5
7.5°	1904.6	1899.5	1882.3	1899.5	1890.9
10°	1892.6	1887.4	1870.3	1887.4	1878.9
12.5°	1875.4	1872.0	1854.8	1872.0	1863.4
15°	1854.8	1851.4	1836.0	1851.4	1842.8
17.5°	1834.3	1827.4	1811.9	1829.1	1822.2
20°	1803.4	1799.9	1784.5	1799.9	1794.8
22.5°	1772.5	1769.0	1755.3	1769.0	1765.6
25°	1738.2	1734.7	1721.0	1734.7	1724.4
27.5°	1698.7	1700.4	1685.0	1693.6	1688.4
30°	1657.5	1657.5	1647.2	1650.7	1650.7
32.5°	1612.9	1612.9	1597.5	1607.8	1606.0
35°	1566.6	1563.1	1554.6	1559.7	1556.3
37.5°	1511.7	1510.0	1504.8	1508.2	1504.8
40°	1456.8	1458.5	1455.0	1453.3	1453.3
42.5°	1400.1	1403.6	1398.4	1396.7	1395.0
45°	1336.7	1341.8	1338.4	1336.7	1336.7
47.5°	1278.3	1280.0	1274.9	1273.2	1268.0
50°	1206.2	1213.1	1209.7	1206.2	1201.1
52.5°	1134.2	1144.5	1137.6	1134.2	1134.2
55°	1062.1	1070.7	1065.5	1065.5	1060.4
57.5°	986.6	995.2	988.3	988.3	981.5
60°	907.7	916.3	911.1	906.0	906.0
62.5°	828.8	835.6	833.9	825.3	820.2
65°	751.5	751.5	746.4	727.5	736.1
67.5°	664.0	662.3	655.5	636.6	648.6
70°	578.2	578.2	566.2	543.9	559.4
72.5°	485.6	490.7	475.3	459.8	475.3
75°	399.8	394.6	386.1	372.3	387.8
77.5°	317.4	308.9	298.6	291.7	300.3
80°	231.6	226.5	214.5	214.5	219.6
82.5°	157.9	152.7	144.1	145.8	139.0
85°	87.5	82.4	84.1	84.1	75.5
87.5°	36.0	36.0	36.0	32.6	29.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)