

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: P567918

Luminaire Tested: **8SNX-62SL-UNV-L930-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567918  
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-L930-CD  
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

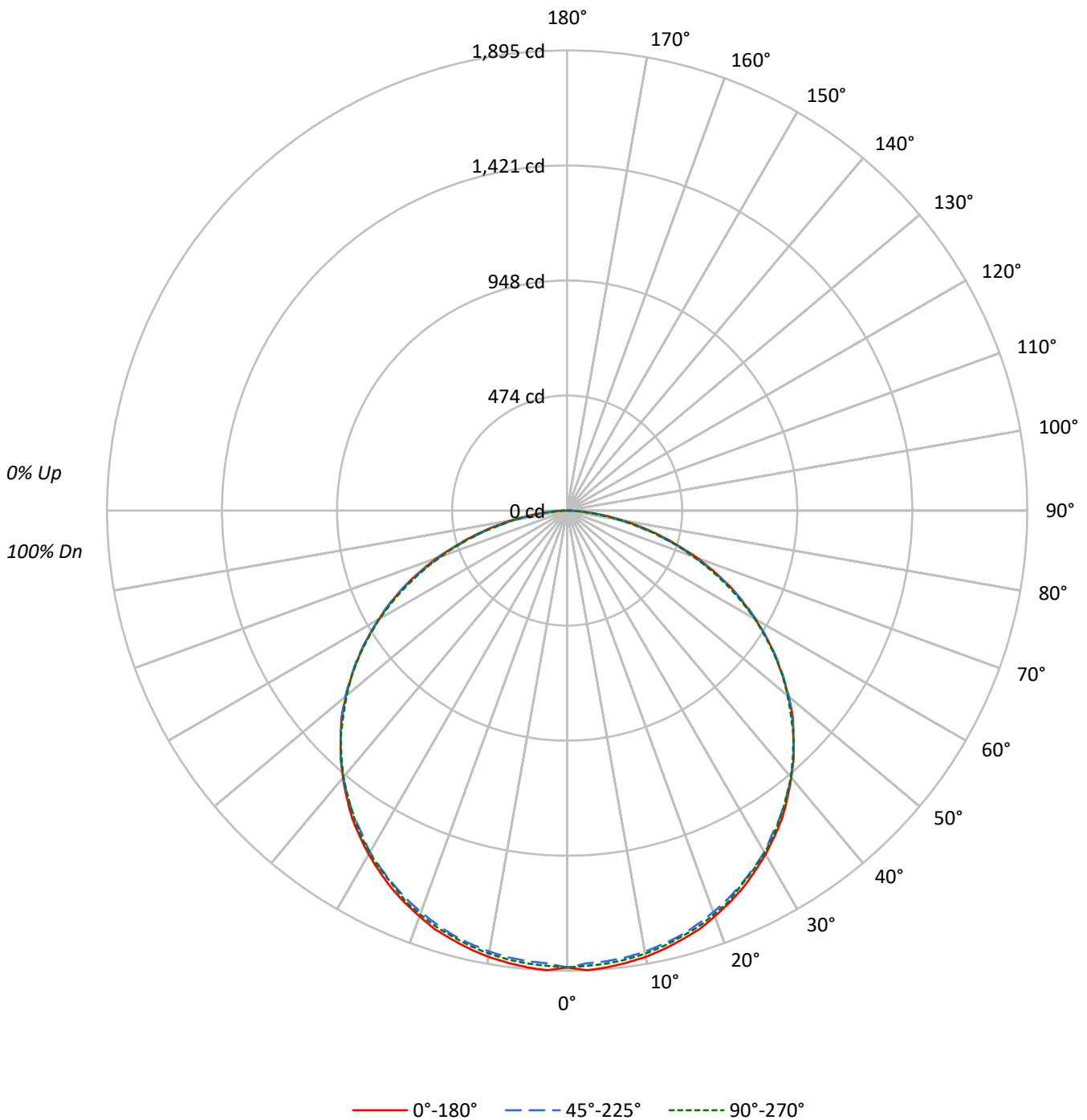
Lumens per Lamp: N/A  
Luminaire Lumens: 5625.0 lumens  
Efficiency: N/A  
Efficacy: 144.2 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')  
CIE Type: Direct

Input Watts (W): 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	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°	10125	10125	10125
5°	10200	10063	10118
10°	10198	10078	10124
15°	10190	10086	10124
20°	10184	10077	10135
25°	10177	10077	10097
30°	10156	10093	10114
35°	10148	10071	10082
40°	10091	10079	10068
45°	10031	10044	10031
50°	9958	9986	9916
55°	9826	9858	9810
60°	9634	9669	9615
65°	9436	9372	9243
70°	8971	8785	8678
75°	8197	7916	7950
80°	7079	6555	6710
85°	5329	5119	4594



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	178.5	3.2
10°-20°	514.3	9.1
20°-30°	786.8	14.0
30°-40°	962.1	17.1
40°-50°	1017.7	18.1
50°-60°	937.7	16.7
60°-70°	722.6	12.8
70°-80°	404.8	7.2
80°-90°	100.6	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°	1479.6	26.3
0°-40°	2441.6	43.4
0°-60°	4397.0	78.2
0°-90°	5625.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5625.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1881	1881	1881	1881	1881	
5°	1888	1881	1863	1881	1873	179
15°	1829	1825	1810	1825	1817	517
25°	1714	1710	1697	1710	1700	790
35°	1545	1541	1533	1538	1534	965
45°	1318	1323	1320	1318	1318	1018
55°	1047	1056	1051	1051	1046	935
65°	741	741	736	717	726	729
75°	394	389	381	367	382	418
85°	86	81	83	83	74	107
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1881.3	1881.3	1881.3	1881.3	1881.3
2.5°	1894.8	1886.4	1866.1	1884.7	1876.2
5°	1888.0	1881.3	1862.7	1881.3	1872.8
7.5°	1877.9	1872.8	1855.9	1872.8	1864.4
10°	1866.1	1861.0	1844.1	1861.0	1852.5
12.5°	1849.1	1845.7	1828.8	1845.7	1837.3
15°	1828.8	1825.4	1810.2	1825.4	1817.0
17.5°	1808.5	1801.8	1786.5	1803.5	1796.7
20°	1778.1	1774.7	1759.5	1774.7	1769.6
22.5°	1747.6	1744.2	1730.7	1744.2	1740.9
25°	1713.8	1710.4	1696.9	1710.4	1700.3
27.5°	1674.9	1676.6	1661.3	1669.8	1664.7
30°	1634.3	1634.3	1624.1	1627.5	1627.5
32.5°	1590.3	1590.3	1575.1	1585.2	1583.5
35°	1544.6	1541.2	1532.8	1537.8	1534.5
37.5°	1490.5	1488.8	1483.7	1487.1	1483.7
40°	1436.3	1438.0	1434.6	1433.0	1433.0
42.5°	1380.5	1383.9	1378.8	1377.1	1375.4
45°	1317.9	1323.0	1319.6	1317.9	1317.9
47.5°	1260.4	1262.1	1257.0	1255.3	1250.2
50°	1189.3	1196.1	1192.7	1189.3	1184.3
52.5°	1118.3	1128.4	1121.7	1118.3	1118.3
55°	1047.2	1055.7	1050.6	1050.6	1045.5
57.5°	972.8	981.2	974.5	974.5	967.7
60°	895.0	903.4	898.3	893.3	893.3
62.5°	817.1	823.9	822.2	813.8	808.7
65°	741.0	741.0	735.9	717.3	725.8
67.5°	654.7	653.0	646.3	627.7	639.5
70°	570.1	570.1	558.3	536.3	551.5
72.5°	478.8	483.9	468.6	453.4	468.6
75°	394.2	389.1	380.7	367.1	382.3
77.5°	313.0	304.5	294.4	287.6	296.1
80°	228.4	223.3	211.5	211.5	216.5
82.5°	155.6	150.6	142.1	143.8	137.0
85°	86.3	81.2	82.9	82.9	74.4
87.5°	35.5	35.5	35.5	32.1	28.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)