

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: P567917

Luminaire Tested: **8SNX-62SL-UNV-L850-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567917  
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-L850-CD  
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 5000K, 80CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

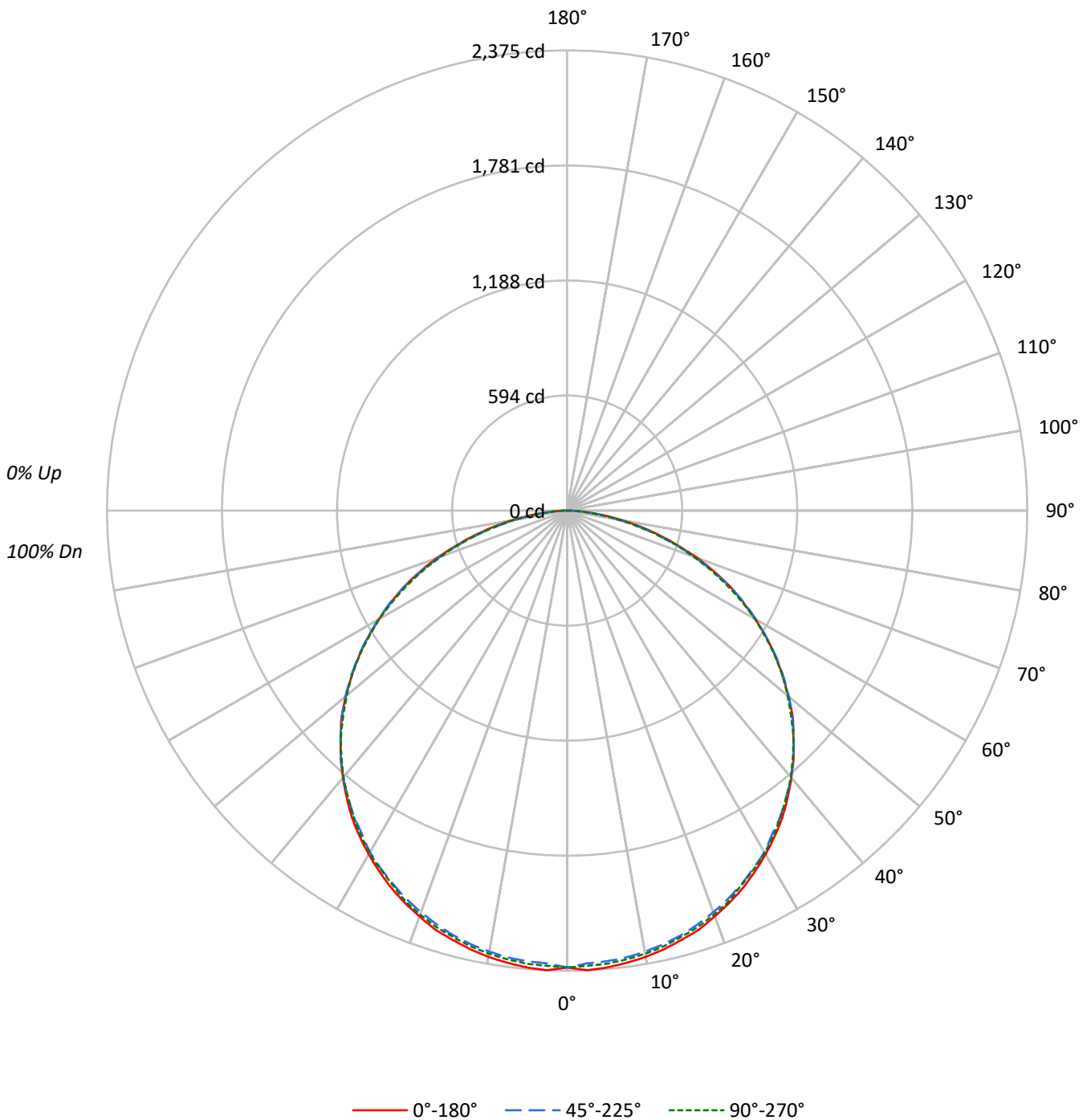
Lumens per Lamp: N/A  
Luminaire Lumens: 7051.0 lumens  
Efficiency: N/A  
Efficacy: 180.8 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')  
CIE Type: Direct

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°	12692	12692	12692
5°	12786	12614	12683
10°	12783	12632	12690
15°	12773	12643	12690
20°	12765	12632	12704
25°	12757	12631	12656
30°	12731	12652	12678
35°	12721	12623	12638
40°	12650	12634	12619
45°	12574	12590	12574
50°	12482	12518	12429
55°	12317	12357	12298
60°	12075	12121	12052
65°	11829	11748	11586
70°	11246	11012	10878
75°	10274	9923	9967
80°	8873	8216	8412
85°	6681	6416	5761



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	223.7	3.2
10°-20°	644.6	9.1
20°-30°	986.3	14.0
30°-40°	1206.0	17.1
40°-50°	1275.7	18.1
50°-60°	1175.4	16.7
60°-70°	905.7	12.8
70°-80°	507.5	7.2
80°-90°	126.1	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°	1854.6	26.3
0°-40°	3060.6	43.4
0°-60°	5511.6	78.2
0°-90°	7051.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7051.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2358	2358	2358	2358	2358	
5°	2367	2358	2335	2358	2348	225
15°	2292	2288	2269	2288	2278	648
25°	2148	2144	2127	2144	2131	990
35°	1936	1932	1921	1928	1924	1210
45°	1652	1658	1654	1652	1652	1276
55°	1313	1323	1317	1317	1311	1172
65°	929	929	922	899	910	914
75°	494	488	477	460	479	524
85°	108	102	104	104	93	134
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2358.2	2358.2	2358.2	2358.2	2358.2
2.5°	2375.2	2364.6	2339.1	2362.4	2351.8
5°	2366.7	2358.2	2334.9	2358.2	2347.6
7.5°	2354.0	2347.6	2326.4	2347.6	2337.0
10°	2339.1	2332.8	2311.5	2332.8	2322.1
12.5°	2317.9	2313.7	2292.5	2313.7	2303.1
15°	2292.5	2288.2	2269.1	2288.2	2277.6
17.5°	2267.0	2258.5	2239.4	2260.7	2252.2
20°	2228.8	2224.6	2205.5	2224.6	2218.2
22.5°	2190.7	2186.4	2169.5	2186.4	2182.2
25°	2148.3	2144.0	2127.0	2144.0	2131.3
27.5°	2099.5	2101.6	2082.5	2093.1	2086.8
30°	2048.6	2048.6	2035.9	2040.1	2040.1
32.5°	1993.4	1993.4	1974.4	1987.1	1985.0
35°	1936.2	1931.9	1921.3	1927.7	1923.5
37.5°	1868.3	1866.2	1859.8	1864.1	1859.8
40°	1800.5	1802.6	1798.3	1796.2	1796.2
42.5°	1730.5	1734.7	1728.4	1726.2	1724.1
45°	1652.0	1658.4	1654.1	1652.0	1652.0
47.5°	1579.9	1582.0	1575.7	1573.5	1567.2
50°	1490.8	1499.3	1495.1	1490.8	1484.5
52.5°	1401.8	1414.5	1406.0	1401.8	1401.8
55°	1312.7	1323.3	1316.9	1316.9	1310.6
57.5°	1219.4	1230.0	1221.5	1221.5	1213.0
60°	1121.8	1132.4	1126.1	1119.7	1119.7
62.5°	1024.3	1032.8	1030.7	1020.0	1013.7
65°	928.9	928.9	922.5	899.2	909.8
67.5°	820.7	818.6	810.1	786.8	801.6
70°	714.7	714.7	699.8	672.3	691.3
72.5°	600.2	606.5	587.4	568.3	587.4
75°	494.1	487.8	477.2	460.2	479.3
77.5°	392.3	381.7	369.0	360.5	371.1
80°	286.3	279.9	265.1	265.1	271.4
82.5°	195.1	188.7	178.1	180.3	171.8
85°	108.2	101.8	103.9	103.9	93.3
87.5°	44.5	44.5	44.5	40.3	36.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)