

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: P565606

Luminaire Tested: **2SNX-25SL-LC-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565606
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-25SL-LC-UNV-L930-CD
Description: 2FT 2500 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

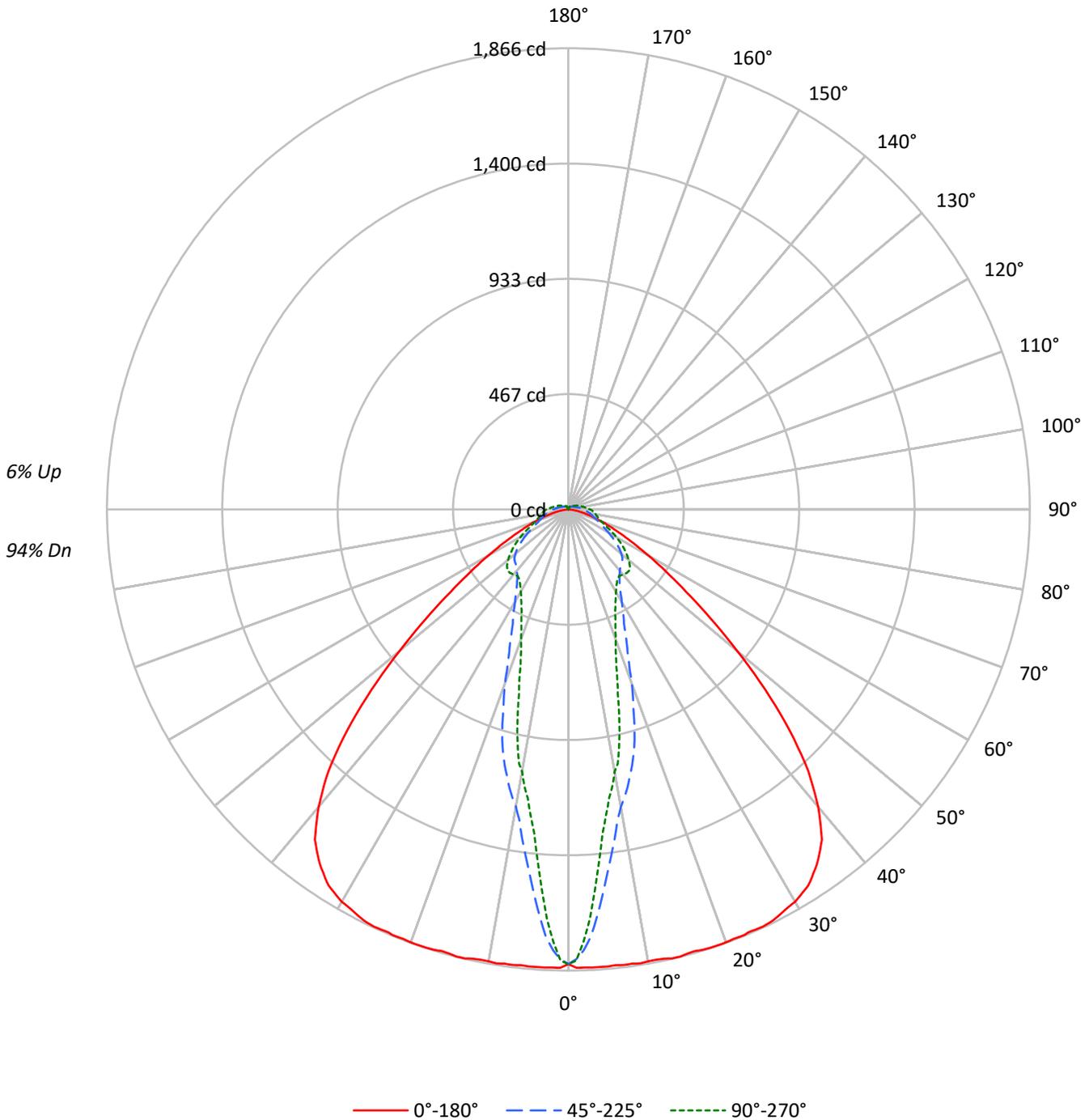
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2268.0 lumens
Efficiency: N/A
Efficacy: 129.6 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

Input Watts (W): 17.5
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	0	
RCR																						
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94				
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80				
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69				
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60				
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53				
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47				
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42				
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38				
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35				
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32				
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	39609	39609	39609
5°	39822	32452	29120
10°	39989	24442	21075
15°	40566	19938	14594
20°	41453	14396	10308
25°	42574	10293	8109
30°	43471	8206	6905
35°	43522	6928	6185
40°	41274	6284	6199
45°	35604	6058	6370
50°	27124	5748	5944
55°	19491	5015	5274
60°	13993	4174	4460
65°	10048	3518	3654
70°	7263	3097	3152
75°	5012	2856	2938
80°	3132	2660	2894
85°	1328	2522	2897



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.7	6.4
10°-20°	314.2	13.9
20°-30°	359.7	15.9
30°-40°	360.3	15.9
40°-50°	341.1	15.0
50°-60°	261.6	11.5
60°-70°	168.6	7.4
70°-80°	107.5	4.7
80°-90°	71.4	3.1
90°-100°	48.0	2.1
100°-110°	31.6	1.4
110°-120°	22.0	1.0
120°-130°	15.4	0.7
130°-140°	10.7	0.5
140°-150°	6.5	0.3
150°-160°	3.3	0.1
160°-170°	1.3	0.1
170°-180°	0.2	0.0
0°-30°	818.6	36.1
0°-40°	1178.9	52.0
0°-60°	1781.5	78.6
0°-90°	2129.0	93.9
90°-120°	101.6	4.5
90°-150°	134.1	5.9
90°-180°	139.0	6.1
0°-180°	2268.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1840	1840	1840	1840	1840	
5°	1856	1754	1571	1466	1426	177
15°	1861	1340	1022	839	772	528
25°	1862	948	540	470	448	858
35°	1753	528	362	350	345	1087
45°	1267	334	304	337	349	963
55°	581	238	235	264	274	534
65°	232	150	148	168	174	239
75°	79	81	102	117	123	87
85°	10	37	72	94	101	14
90°	0	26	60	84	87	0
95°	0	19	50	69	72	0
105°	0	14	32	46	50	1
115°	1	12	24	34	36	1
125°	1	10	21	24	26	1
135°	1	8	16	20	21	1
145°	1	6	12	15	16	1
155°	1	4	7	10	12	1
165°	2	2	5	6	7	1
175°	2	2	2	2	1	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1839.9	1839.9	1839.9	1839.9	1839.9
1°	1855.0	1844.6	1820.2	1827.1	1826.0
2°	1855.0	1832.9	1785.3	1771.3	1750.4
3°	1856.2	1813.2	1731.8	1686.5	1657.4
4°	1856.2	1784.1	1652.8	1577.2	1540.0
5°	1856.2	1753.9	1571.4	1465.7	1426.1
6°	1853.9	1717.9	1488.9	1377.3	1318.0
7°	1857.3	1678.4	1414.5	1294.8	1248.3
8°	1856.2	1631.9	1345.9	1232.0	1180.9
9°	1859.7	1586.5	1271.5	1172.8	1134.4
10°	1856.2	1544.7	1222.7	1117.0	1077.4
11°	1856.2	1504.0	1187.9	1080.9	1047.2
12°	1858.5	1457.5	1149.5	1029.8	983.3
13°	1864.3	1409.9	1105.3	974.0	919.4
14°	1865.5	1373.8	1064.7	903.1	846.2
15°	1860.8	1340.1	1021.7	839.2	771.8
16°	1858.5	1305.3	970.5	778.7	718.3
17°	1863.2	1264.6	912.4	717.1	661.3
18°	1864.3	1227.4	850.8	670.6	621.8
19°	1864.3	1198.3	800.8	627.6	585.8
20°	1864.3	1170.4	749.7	595.1	559.1
21°	1862.0	1135.6	691.6	561.4	531.2
22.5°	1863.2	1070.5	625.3	521.9	497.5
23°	1859.7	1054.2	609.0	511.4	485.8
24°	1860.8	1007.7	574.2	490.5	466.1
25°	1862.0	948.4	540.5	469.6	447.5
26°	1859.7	900.8	512.6	449.8	434.7
27°	1853.9	862.4	492.8	433.5	419.6
28°	1845.7	811.3	471.9	419.6	406.8
29°	1837.6	753.2	451.0	404.5	395.2
30°	1832.9	706.7	431.2	392.9	384.7
32.5°	1805.0	614.9	390.5	369.6	362.6
35°	1752.7	527.7	361.5	349.9	345.2
37.5°	1684.2	460.3	339.4	337.1	338.2
40°	1571.4	406.8	323.1	333.6	344.0
42.5°	1436.6	365.0	311.5	337.1	348.7
45°	1266.9	333.6	304.5	337.1	348.7
47.5°	1078.6	308.0	296.4	325.4	337.1
50°	890.3	284.8	280.1	308.0	318.5
52.5°	724.1	262.7	259.2	285.9	296.4
55°	581.1	238.3	234.8	263.8	274.3
57.5°	466.1	215.0	211.5	238.3	248.7
60°	371.9	191.8	186.0	212.7	223.2
62.5°	296.4	169.7	166.2	189.5	198.8
65°	232.5	149.9	147.6	168.5	174.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	183.6	131.3	132.5	149.9	156.9
70°	141.8	113.9	120.9	137.2	141.8
72.5°	106.9	96.5	111.6	125.5	131.3
75°	79.0	81.4	102.3	117.4	123.2
77.5°	54.6	67.4	94.1	110.4	116.2
80°	37.2	54.6	86.0	104.6	111.6
82.5°	22.1	45.3	79.0	98.8	106.9
85°	10.5	37.2	72.1	94.1	101.1
87.5°	3.5	30.2	65.1	89.5	95.3
90°	0.0	25.6	60.4	83.7	87.2
92.5°	0.0	22.1	54.6	76.7	79.0
95°	0.0	18.6	50.0	68.6	72.1
97.5°	0.0	17.4	46.5	61.6	66.3
100°	0.0	16.3	41.8	55.8	60.4
102.5°	0.0	13.9	37.2	50.0	54.6
105°	0.0	13.9	32.5	46.5	50.0
107.5°	1.2	12.8	30.2	41.8	46.5
110°	1.2	12.8	26.7	39.5	43.0
112.5°	1.2	12.8	25.6	36.0	40.7
115°	1.2	11.6	24.4	33.7	36.0
117.5°	1.2	11.6	23.2	30.2	32.5
120°	1.2	10.5	22.1	27.9	29.1
122.5°	1.2	10.5	20.9	25.6	26.7
125°	1.2	10.5	20.9	24.4	25.6
127.5°	1.2	9.3	19.8	23.2	23.2
130°	1.2	9.3	18.6	22.1	22.1
132.5°	1.2	8.1	17.4	20.9	22.1
135°	1.2	8.1	16.3	19.8	20.9
137.5°	1.2	7.0	15.1	18.6	19.8
140°	1.2	7.0	13.9	17.4	18.6
142.5°	1.2	5.8	12.8	16.3	17.4
145°	1.2	5.8	11.6	15.1	16.3
147.5°	1.2	5.8	10.5	13.9	15.1
150°	1.2	4.6	9.3	12.8	13.9
152.5°	1.2	4.6	8.1	11.6	12.8
155°	1.2	3.5	7.0	10.5	11.6
157.5°	1.2	3.5	7.0	9.3	10.5
160°	2.3	3.5	5.8	8.1	9.3
162.5°	1.2	2.3	5.8	7.0	8.1
165°	2.3	2.3	4.6	5.8	7.0
167.5°	2.3	2.3	3.5	4.6	5.8
170°	2.3	2.3	3.5	3.5	4.6
172.5°	2.3	2.3	2.3	3.5	2.3
175°	2.3	2.3	2.3	2.3	1.2
177.5°	2.3	2.3	2.3	2.3	1.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.3	2.3	2.3	2.3	2.3

(END OF REPORT)