

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: P565655

Luminaire Tested: **2SNX-30SL-LC-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565655
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-30SL-LC-UNV-L935-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

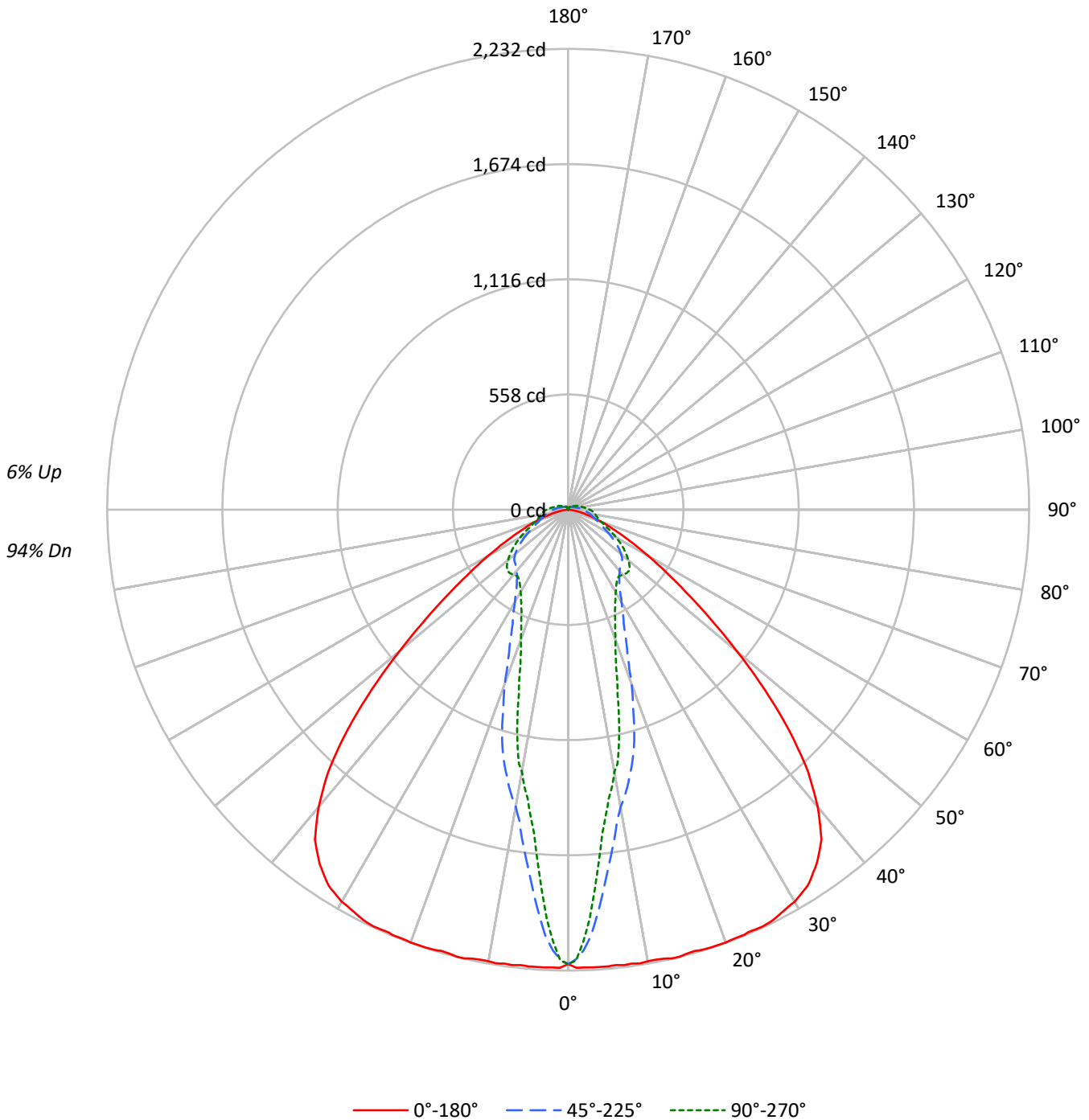
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2713.0 lumens
Efficiency: N/A
Efficacy: 129.2 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): 21
Input Voltage (V): NR
Input Current (A_{in}): 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

TEST NUMBER: P565655
CATALOG NUMBER: 2SNX-30SL-LC-UNV-L935-CD

Luminous Intensity Polar Plot





TEST NUMBER: P565655

CATALOG NUMBER: 2SNX-30SL-LC-UNV-L935-CD

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°	47381	47381	47381
5°	47636	38819	34835
10°	47835	29238	25212
15°	48526	23848	17457
20°	49586	17221	12330
25°	50927	12312	9700
30°	52002	9816	8260
35°	52062	8287	7398
40°	49372	7517	7416
45°	42590	7247	7619
50°	32446	6877	7111
55°	23318	5997	6308
60°	16739	4993	5333
65°	12018	4209	4373
70°	8686	3704	3770
75°	5996	3417	3515
80°	3746	3183	3462
85°	1581	3015	3467



TEST NUMBER: P565655

CATALOG NUMBER: 2SNX-30SL-LC-UNV-L935-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.1	6.4
10°-20°	375.9	13.9
20°-30°	430.2	15.9
30°-40°	431.0	15.9
40°-50°	408.0	15.0
50°-60°	312.9	11.5
60°-70°	201.7	7.4
70°-80°	128.6	4.7
80°-90°	85.4	3.1
90°-100°	57.4	2.1
100°-110°	37.8	1.4
110°-120°	26.3	1.0
120°-130°	18.3	0.7
130°-140°	12.7	0.5
140°-150°	7.8	0.3
150°-160°	4.0	0.1
160°-170°	1.5	0.1
170°-180°	0.3	0.0
0°-30°	979.2	36.1
0°-40°	1410.2	52.0
0°-60°	2131.0	78.5
0°-90°	2546.7	93.9
90°-120°	121.6	4.5
90°-150°	160.4	5.9
90°-180°	166.0	6.1
0°-180°	2713.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2201	2201	2201	2201	2201	
5°	2220	2098	1880	1753	1706	212
15°	2226	1603	1222	1004	923	631
25°	2227	1134	646	562	535	1027
35°	2097	631	432	418	413	1301
45°	1516	399	364	403	417	1152
55°	695	285	281	316	328	639
65°	278	179	177	202	209	286
75°	94	97	122	140	147	104
85°	12	44	86	113	121	17
90°	0	31	72	100	104	1
95°	0	22	60	82	86	0
105°	0	17	39	56	60	1
115°	1	14	29	40	43	1
125°	1	12	25	29	31	1
135°	1	10	20	24	25	1
145°	1	7	14	18	20	1
155°	1	4	8	12	14	1
165°	3	3	6	7	8	1
175°	3	3	3	3	1	0
180°	3	3	3	3	3	



TEST NUMBER: P565655

CATALOG NUMBER: 2SNX-30SL-LC-UNV-L935-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2200.9	2200.9	2200.9	2200.9	2200.9
1°	2219.0	2206.5	2177.3	2185.6	2184.2
2°	2219.0	2192.6	2135.6	2118.9	2093.9
3°	2220.4	2168.9	2071.6	2017.4	1982.6
4°	2220.4	2134.2	1977.1	1886.7	1842.2
5°	2220.4	2098.0	1879.7	1753.2	1706.0
6°	2217.6	2054.9	1781.0	1647.6	1576.7
7°	2221.8	2007.7	1692.1	1548.8	1493.2
8°	2220.4	1952.0	1610.0	1473.8	1412.6
9°	2224.6	1897.8	1521.0	1402.9	1357.0
10°	2220.4	1847.8	1462.6	1336.1	1288.9
11°	2220.4	1799.1	1420.9	1293.0	1252.7
12°	2223.2	1743.5	1375.1	1231.8	1176.2
13°	2230.1	1686.5	1322.2	1165.1	1099.8
14°	2231.5	1643.4	1273.6	1080.3	1012.2
15°	2225.9	1603.1	1222.1	1003.8	923.2
16°	2223.2	1561.4	1160.9	931.5	859.2
17°	2228.7	1512.7	1091.4	857.8	791.1
18°	2230.1	1468.2	1017.7	802.2	743.8
19°	2230.1	1433.4	957.9	750.8	700.7
20°	2230.1	1400.1	896.8	711.9	668.8
21°	2227.3	1358.4	827.3	671.5	635.4
22.5°	2228.7	1280.5	748.0	624.3	595.1
23°	2224.6	1261.0	728.5	611.8	581.2
24°	2225.9	1205.4	686.8	586.7	557.5
25°	2227.3	1134.5	646.5	561.7	535.3
26°	2224.6	1077.5	613.1	538.1	520.0
27°	2217.6	1031.6	589.5	518.6	501.9
28°	2207.9	970.5	564.5	501.9	486.6
29°	2198.1	900.9	539.5	483.8	472.7
30°	2192.6	845.3	515.8	469.9	460.2
32.5°	2159.2	735.5	467.2	442.1	433.8
35°	2096.6	631.2	432.4	418.5	412.9
37.5°	2014.6	550.6	406.0	403.2	404.6
40°	1879.7	486.6	386.5	399.0	411.5
42.5°	1718.5	436.6	372.6	403.2	417.1
45°	1515.5	399.0	364.3	403.2	417.1
47.5°	1290.2	368.4	354.5	389.3	403.2
50°	1065.0	340.6	335.1	368.4	381.0
52.5°	866.2	314.2	310.0	342.0	354.5
55°	695.2	285.0	280.8	315.6	328.1
57.5°	557.5	257.2	253.0	285.0	297.5
60°	444.9	229.4	222.5	254.4	266.9
62.5°	354.5	203.0	198.8	226.6	237.7
65°	278.1	179.4	176.6	201.6	208.6



TEST NUMBER: P565655

CATALOG NUMBER: 2SNX-30SL-LC-UNV-L935-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	219.7	157.1	158.5	179.4	187.7
70°	169.6	136.3	144.6	164.1	169.6
72.5°	127.9	115.4	133.5	150.2	157.1
75°	94.5	97.3	122.4	140.4	147.4
77.5°	65.3	80.6	112.6	132.1	139.0
80°	44.5	65.3	102.9	125.1	133.5
82.5°	26.4	54.2	94.5	118.2	127.9
85°	12.5	44.5	86.2	112.6	121.0
87.5°	4.2	36.1	77.9	107.1	114.0
90°	0.0	30.6	72.3	100.1	104.3
92.5°	0.0	26.4	65.3	91.8	94.5
95°	0.0	22.2	59.8	82.0	86.2
97.5°	0.0	20.9	55.6	73.7	79.2
100°	0.0	19.5	50.1	66.7	72.3
102.5°	0.0	16.7	44.5	59.8	65.3
105°	0.0	16.7	38.9	55.6	59.8
107.5°	1.4	15.3	36.1	50.1	55.6
110°	1.4	15.3	32.0	47.3	51.4
112.5°	1.4	15.3	30.6	43.1	48.7
115°	1.4	13.9	29.2	40.3	43.1
117.5°	1.4	13.9	27.8	36.1	38.9
120°	1.4	12.5	26.4	33.4	34.8
122.5°	1.4	12.5	25.0	30.6	32.0
125°	1.4	12.5	25.0	29.2	30.6
127.5°	1.4	11.1	23.6	27.8	27.8
130°	1.4	11.1	22.2	26.4	26.4
132.5°	1.4	9.7	20.9	25.0	26.4
135°	1.4	9.7	19.5	23.6	25.0
137.5°	1.4	8.3	18.1	22.2	23.6
140°	1.4	8.3	16.7	20.9	22.2
142.5°	1.4	7.0	15.3	19.5	20.9
145°	1.4	7.0	13.9	18.1	19.5
147.5°	1.4	7.0	12.5	16.7	18.1
150°	1.4	5.6	11.1	15.3	16.7
152.5°	1.4	5.6	9.7	13.9	15.3
155°	1.4	4.2	8.3	12.5	13.9
157.5°	1.4	4.2	8.3	11.1	12.5
160°	2.8	4.2	7.0	9.7	11.1
162.5°	1.4	2.8	7.0	8.3	9.7
165°	2.8	2.8	5.6	7.0	8.3
167.5°	2.8	2.8	4.2	5.6	7.0
170°	2.8	2.8	4.2	4.2	5.6
172.5°	2.8	2.8	2.8	4.2	2.8
175°	2.8	2.8	2.8	2.8	1.4
177.5°	2.8	2.8	2.8	2.8	1.4



TEST NUMBER: P565655

CATALOG NUMBER: 2SNX-30SL-LC-UNV-L935-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.8	2.8	2.8	2.8	2.8

(END OF REPORT)