

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: P565654

Luminaire Tested: **2SNX-30SL-LC-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565654
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-L930-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

Summary

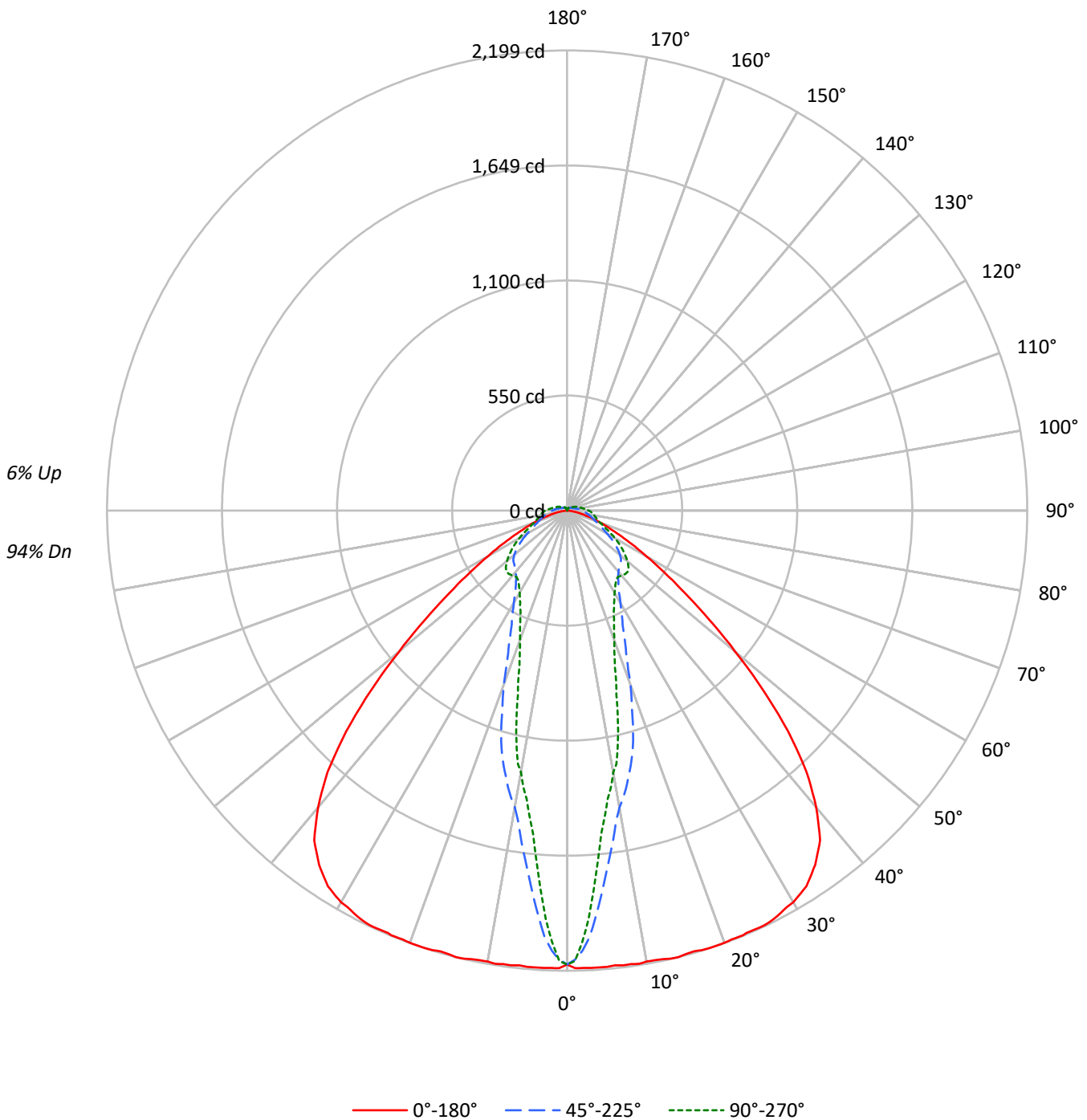
Lumens per Lamp: N/A
Luminaire Lumens: 2674.0 lumens
Efficiency: N/A
Efficacy: 127.3 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 2' x H: 0.17')
CIE Type: Direct

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

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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°	46700	46700	46700
5°	46951	38262	34333
10°	47148	28818	24848
15°	47828	23505	17206
20°	48875	16973	12151
25°	50195	12135	9560
30°	51255	9675	8142
35°	51315	8168	7292
40°	48663	7410	7309
45°	41977	7142	7509
50°	31980	6778	7008
55°	22982	5912	6218
60°	16499	4921	5257
65°	11845	4147	4310
70°	8563	3650	3717
75°	5913	3367	3465
80°	3696	3137	3413
85°	1556	2973	3416



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	170.6	6.4
10°-20°	370.5	13.9
20°-30°	424.0	15.9
30°-40°	424.8	15.9
40°-50°	402.1	15.0
50°-60°	308.4	11.5
60°-70°	198.8	7.4
70°-80°	126.8	4.7
80°-90°	84.2	3.1
90°-100°	56.6	2.1
100°-110°	37.3	1.4
110°-120°	25.9	1.0
120°-130°	18.1	0.7
130°-140°	12.6	0.5
140°-150°	7.7	0.3
150°-160°	3.9	0.1
160°-170°	1.5	0.1
170°-180°	0.3	0.0
0°-30°	965.1	36.1
0°-40°	1389.9	52.0
0°-60°	2100.4	78.5
0°-90°	2510.2	93.9
90°-120°	119.8	4.5
90°-150°	158.2	5.9
90°-180°	164.0	6.1
0°-180°	2674.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2169	2169	2169	2169	2169	
5°	2188	2068	1853	1728	1681	209
15°	2194	1580	1204	989	910	622
25°	2195	1118	637	554	528	1012
35°	2066	622	426	412	407	1282
45°	1494	393	359	397	411	1136
55°	685	281	277	311	323	630
65°	274	177	174	199	206	282
75°	93	96	121	138	145	102
85°	12	44	85	111	119	17
90°	0	30	71	99	103	1
95°	0	22	59	81	85	0
105°	0	16	38	55	59	1
115°	1	14	29	40	42	1
125°	1	12	25	29	30	1
135°	1	10	19	23	25	1
145°	1	7	14	18	19	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	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2169.3	2169.3	2169.3	2169.3	2169.3
1°	2187.1	2174.8	2146.0	2154.2	2152.8
2°	2187.1	2161.1	2104.9	2088.4	2063.8
3°	2188.5	2137.8	2041.8	1988.4	1954.1
4°	2188.5	2103.5	1948.7	1859.6	1815.7
5°	2188.5	2067.9	1852.7	1728.0	1681.4
6°	2185.7	2025.4	1755.4	1623.9	1554.0
7°	2189.8	1978.8	1667.7	1526.6	1471.8
8°	2188.5	1924.0	1586.9	1452.6	1392.3
9°	2192.6	1870.5	1499.2	1382.7	1337.5
10°	2188.5	1821.2	1441.6	1316.9	1270.3
11°	2188.5	1773.2	1400.5	1274.4	1234.7
12°	2191.2	1718.4	1355.3	1214.1	1159.3
13°	2198.1	1662.2	1303.2	1148.4	1084.0
14°	2199.4	1619.8	1255.2	1064.8	997.6
15°	2193.9	1580.0	1204.5	989.4	909.9
16°	2191.2	1538.9	1144.2	918.1	846.9
17°	2196.7	1491.0	1075.7	845.5	779.7
18°	2198.1	1447.1	1003.1	790.7	733.1
19°	2198.1	1412.8	944.2	740.0	690.7
20°	2198.1	1380.0	883.9	701.6	659.1
21°	2195.3	1338.8	815.4	661.9	626.3
22.5°	2196.7	1262.1	737.3	615.3	586.5
23°	2192.6	1242.9	718.1	603.0	572.8
24°	2193.9	1188.1	677.0	578.3	549.5
25°	2195.3	1118.2	637.2	553.6	527.6
26°	2192.6	1062.0	604.3	530.3	512.5
27°	2185.7	1016.8	581.0	511.1	494.7
28°	2176.1	956.5	556.4	494.7	479.6
29°	2166.5	888.0	531.7	476.9	465.9
30°	2161.1	833.2	508.4	463.2	453.6
32.5°	2128.2	724.9	460.4	435.8	427.6
35°	2066.5	622.1	426.2	412.5	407.0
37.5°	1985.7	542.7	400.1	397.4	398.8
40°	1852.7	479.6	381.0	393.3	405.6
42.5°	1693.8	430.3	367.3	397.4	411.1
45°	1493.7	393.3	359.0	397.4	411.1
47.5°	1271.7	363.1	349.4	383.7	397.4
50°	1049.7	335.7	330.3	363.1	375.5
52.5°	853.7	309.7	305.6	337.1	349.4
55°	685.2	280.9	276.8	311.1	323.4
57.5°	549.5	253.5	249.4	280.9	293.3
60°	438.5	226.1	219.3	250.8	263.1
62.5°	349.4	200.1	196.0	223.4	234.3
65°	274.1	176.8	174.0	198.7	205.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	216.5	154.9	156.2	176.8	185.0
70°	167.2	134.3	142.5	161.7	167.2
72.5°	126.1	113.7	131.6	148.0	154.9
75°	93.2	95.9	120.6	138.4	145.3
77.5°	64.4	79.5	111.0	130.2	137.0
80°	43.9	64.4	101.4	123.3	131.6
82.5°	26.0	53.4	93.2	116.5	126.1
85°	12.3	43.9	85.0	111.0	119.2
87.5°	4.1	35.6	76.7	105.5	112.4
90°	0.0	30.1	71.3	98.7	102.8
92.5°	0.0	26.0	64.4	90.4	93.2
95°	0.0	21.9	58.9	80.9	85.0
97.5°	0.0	20.6	54.8	72.6	78.1
100°	0.0	19.2	49.3	65.8	71.3
102.5°	0.0	16.4	43.9	58.9	64.4
105°	0.0	16.4	38.4	54.8	58.9
107.5°	1.4	15.1	35.6	49.3	54.8
110°	1.4	15.1	31.5	46.6	50.7
112.5°	1.4	15.1	30.1	42.5	48.0
115°	1.4	13.7	28.8	39.7	42.5
117.5°	1.4	13.7	27.4	35.6	38.4
120°	1.4	12.3	26.0	32.9	34.3
122.5°	1.4	12.3	24.7	30.1	31.5
125°	1.4	12.3	24.7	28.8	30.1
127.5°	1.4	11.0	23.3	27.4	27.4
130°	1.4	11.0	21.9	26.0	26.0
132.5°	1.4	9.6	20.6	24.7	26.0
135°	1.4	9.6	19.2	23.3	24.7
137.5°	1.4	8.2	17.8	21.9	23.3
140°	1.4	8.2	16.4	20.6	21.9
142.5°	1.4	6.9	15.1	19.2	20.6
145°	1.4	6.9	13.7	17.8	19.2
147.5°	1.4	6.9	12.3	16.4	17.8
150°	1.4	5.5	11.0	15.1	16.4
152.5°	1.4	5.5	9.6	13.7	15.1
155°	1.4	4.1	8.2	12.3	13.7
157.5°	1.4	4.1	8.2	11.0	12.3
160°	2.7	4.1	6.9	9.6	11.0
162.5°	1.4	2.7	6.9	8.2	9.6
165°	2.7	2.7	5.5	6.9	8.2
167.5°	2.7	2.7	4.1	5.5	6.9
170°	2.7	2.7	4.1	4.1	5.5
172.5°	2.7	2.7	2.7	4.1	2.7
175°	2.7	2.7	2.7	2.7	1.4
177.5°	2.7	2.7	2.7	2.7	1.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.7	2.7	2.7	2.7	2.7

(END OF REPORT)