

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: P565651

Luminaire Tested: **2SNX-30SL-LC-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565651
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-L835-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

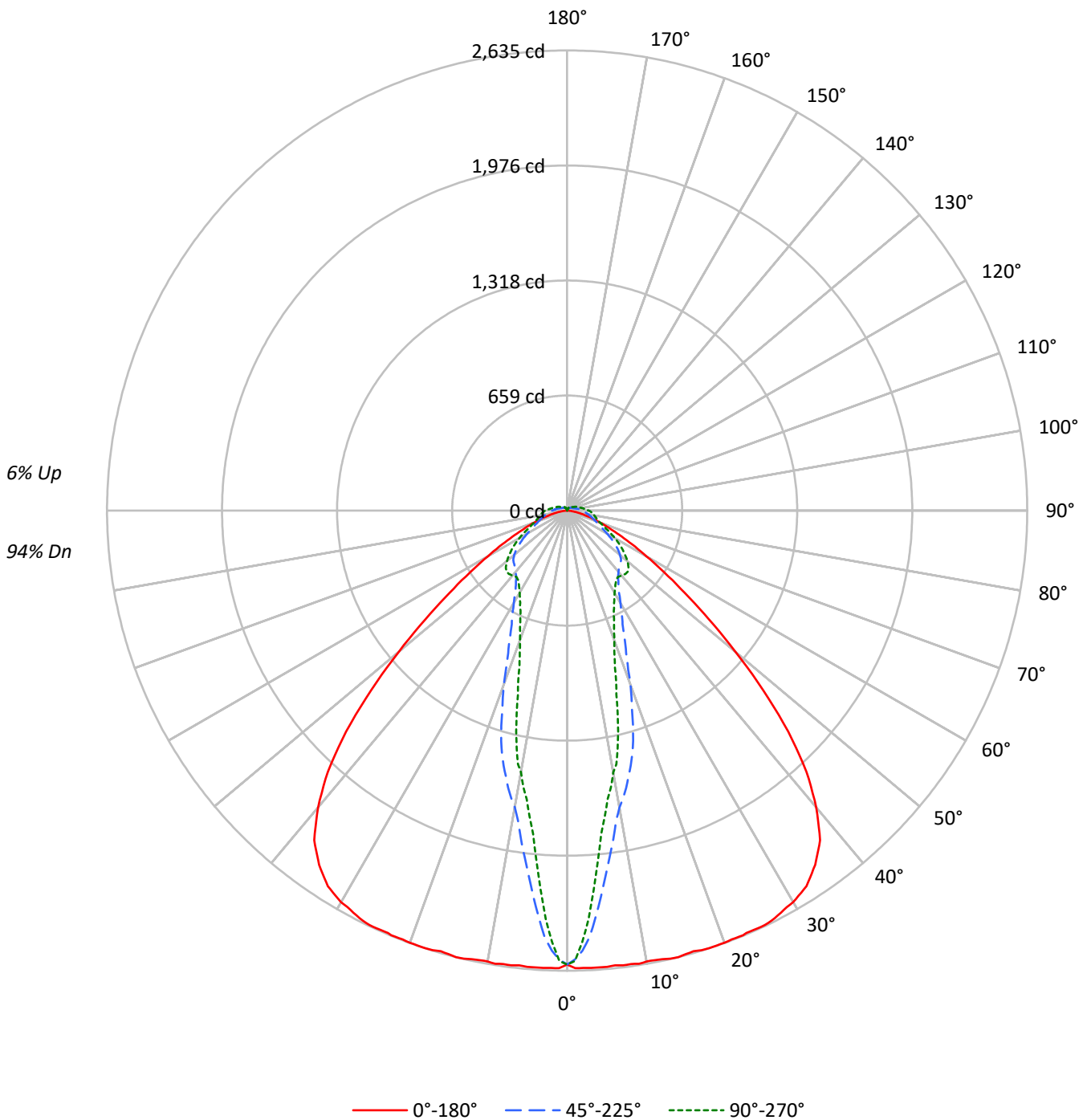
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3204.0 lumens
Efficiency: N/A
Efficacy: 152.6 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): 21
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°	55955	55955	55955
5°	56256	45845	41138
10°	56491	34532	29773
15°	57309	28165	20617
20°	58560	20338	14561
25°	60144	14540	11456
30°	61413	11594	9755
35°	61486	9787	8738
40°	58308	8878	8758
45°	50296	8558	8998
50°	38317	8120	8397
55°	27537	7084	7450
60°	19768	5895	6300
65°	14192	4969	5164
70°	10259	4375	4452
75°	7087	4034	4149
80°	4420	3758	4087
85°	1872	3561	4095



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.4	6.4
10°-20°	443.9	13.9
20°-30°	508.1	15.9
30°-40°	509.0	15.9
40°-50°	481.8	15.0
50°-60°	369.5	11.5
60°-70°	238.2	7.4
70°-80°	151.9	4.7
80°-90°	100.9	3.1
90°-100°	67.8	2.1
100°-110°	44.7	1.4
110°-120°	31.1	1.0
120°-130°	21.7	0.7
130°-140°	15.1	0.5
140°-150°	9.2	0.3
150°-160°	4.7	0.1
160°-170°	1.8	0.1
170°-180°	0.3	0.0
0°-30°	1156.4	36.1
0°-40°	1665.4	52.0
0°-60°	2516.7	78.6
0°-90°	3007.7	93.9
90°-120°	143.6	4.5
90°-150°	189.5	5.9
90°-180°	196.0	6.1
0°-180°	3204.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2599	2599	2599	2599	2599	
5°	2622	2478	2220	2070	2015	250
15°	2629	1893	1443	1186	1090	746
25°	2630	1340	764	663	632	1213
35°	2476	746	511	494	488	1536
45°	1790	471	430	476	493	1361
55°	821	337	332	373	388	755
65°	328	212	208	238	246	338
75°	112	115	144	166	174	123
85°	15	52	102	133	143	20
90°	0	36	85	118	123	1
95°	0	26	71	97	102	0
105°	0	20	46	66	71	1
115°	2	16	34	48	51	2
125°	2	15	30	34	36	1
135°	2	12	23	28	30	1
145°	2	8	16	21	23	1
155°	2	5	10	15	16	1
165°	3	3	7	8	10	1
175°	3	3	3	3	2	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2599.2	2599.2	2599.2	2599.2	2599.2
1°	2620.6	2605.8	2571.3	2581.2	2579.5
2°	2620.6	2589.4	2522.1	2502.4	2472.8
3°	2622.2	2561.5	2446.5	2382.5	2341.5
4°	2622.2	2520.4	2334.9	2228.2	2175.6
5°	2622.2	2477.7	2219.9	2070.5	2014.7
6°	2618.9	2426.8	2103.4	1945.7	1862.0
7°	2623.9	2371.0	1998.3	1829.2	1763.5
8°	2622.2	2305.3	1901.4	1740.5	1668.2
9°	2627.2	2241.3	1796.3	1656.7	1602.6
10°	2622.2	2182.2	1727.4	1577.9	1522.1
11°	2622.2	2124.7	1678.1	1527.0	1479.4
12°	2625.5	2059.0	1623.9	1454.8	1389.1
13°	2633.7	1991.7	1561.5	1376.0	1298.8
14°	2635.4	1940.8	1504.0	1275.8	1195.4
15°	2628.8	1893.2	1443.3	1185.5	1090.3
16°	2625.5	1843.9	1371.0	1100.1	1014.7
17°	2632.1	1786.5	1288.9	1013.1	934.3
18°	2633.7	1733.9	1201.9	947.4	878.5
19°	2633.7	1692.9	1131.3	886.7	827.6
20°	2633.7	1653.5	1059.1	840.7	789.8
21°	2630.4	1604.2	977.0	793.1	750.4
22.5°	2632.1	1512.3	883.4	737.2	702.8
23°	2627.2	1489.3	860.4	722.5	686.3
24°	2628.8	1423.6	811.1	692.9	658.4
25°	2630.4	1339.8	763.5	663.4	632.2
26°	2627.2	1272.5	724.1	635.4	614.1
27°	2618.9	1218.3	696.2	612.5	592.8
28°	2607.5	1146.1	666.6	592.8	574.7
29°	2596.0	1064.0	637.1	571.4	558.3
30°	2589.4	998.3	609.2	555.0	543.5
32.5°	2550.0	868.6	551.7	522.1	512.3
35°	2476.1	745.5	510.7	494.2	487.7
37.5°	2379.2	650.2	479.5	476.2	477.8
40°	2219.9	574.7	456.5	471.2	486.0
42.5°	2029.5	515.6	440.0	476.2	492.6
45°	1789.7	471.2	430.2	476.2	492.6
47.5°	1523.7	435.1	418.7	459.8	476.2
50°	1257.7	402.3	395.7	435.1	449.9
52.5°	1022.9	371.1	366.2	403.9	418.7
55°	821.0	336.6	331.7	372.7	387.5
57.5°	658.4	303.8	298.8	336.6	351.4
60°	525.4	270.9	262.7	300.5	315.3
62.5°	418.7	239.7	234.8	267.6	280.8
65°	328.4	211.8	208.5	238.1	246.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	259.4	185.5	187.2	211.8	221.7
70°	200.3	160.9	170.8	193.8	200.3
72.5°	151.1	136.3	157.6	177.3	185.5
75°	111.7	114.9	144.5	165.8	174.0
77.5°	77.2	95.2	133.0	156.0	164.2
80°	52.5	77.2	121.5	147.8	157.6
82.5°	31.2	64.0	111.7	139.6	151.1
85°	14.8	52.5	101.8	133.0	142.9
87.5°	4.9	42.7	92.0	126.4	134.6
90°	0.0	36.1	85.4	118.2	123.1
92.5°	0.0	31.2	77.2	108.4	111.7
95°	0.0	26.3	70.6	96.9	101.8
97.5°	0.0	24.6	65.7	87.0	93.6
100°	0.0	23.0	59.1	78.8	85.4
102.5°	0.0	19.7	52.5	70.6	77.2
105°	0.0	19.7	46.0	65.7	70.6
107.5°	1.6	18.1	42.7	59.1	65.7
110°	1.6	18.1	37.8	55.8	60.8
112.5°	1.6	18.1	36.1	50.9	57.5
115°	1.6	16.4	34.5	47.6	50.9
117.5°	1.6	16.4	32.8	42.7	46.0
120°	1.6	14.8	31.2	39.4	41.0
122.5°	1.6	14.8	29.6	36.1	37.8
125°	1.6	14.8	29.6	34.5	36.1
127.5°	1.6	13.1	27.9	32.8	32.8
130°	1.6	13.1	26.3	31.2	31.2
132.5°	1.6	11.5	24.6	29.6	31.2
135°	1.6	11.5	23.0	27.9	29.6
137.5°	1.6	9.9	21.3	26.3	27.9
140°	1.6	9.9	19.7	24.6	26.3
142.5°	1.6	8.2	18.1	23.0	24.6
145°	1.6	8.2	16.4	21.3	23.0
147.5°	1.6	8.2	14.8	19.7	21.3
150°	1.6	6.6	13.1	18.1	19.7
152.5°	1.6	6.6	11.5	16.4	18.1
155°	1.6	4.9	9.9	14.8	16.4
157.5°	1.6	4.9	9.9	13.1	14.8
160°	3.3	4.9	8.2	11.5	13.1
162.5°	1.6	3.3	8.2	9.9	11.5
165°	3.3	3.3	6.6	8.2	9.9
167.5°	3.3	3.3	4.9	6.6	8.2
170°	3.3	3.3	4.9	4.9	6.6
172.5°	3.3	3.3	3.3	4.9	3.3
175°	3.3	3.3	3.3	3.3	1.6
177.5°	3.3	3.3	3.3	3.3	1.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	3.3	3.3	3.3	3.3	3.3

(END OF REPORT)