

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: P565663

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565663
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNX-30SL-LN-UNV-L935-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

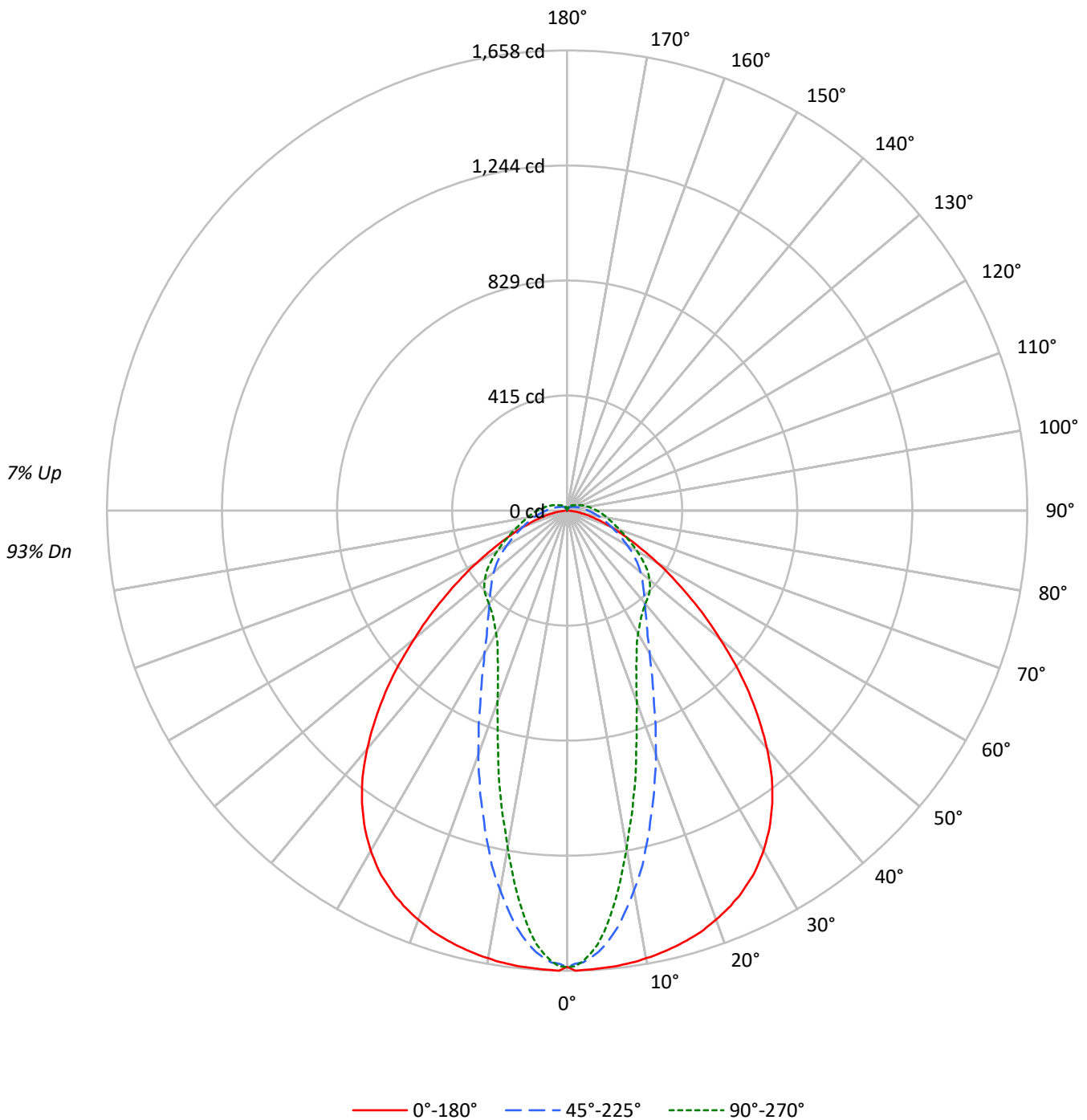
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2621.0 lumens
Efficiency: N/A
Efficacy: 124.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78
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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93				
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78				
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67				
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58				
4	84	73	64	58	81	71	63	57	67	61	56	64	59	54	62	57	53	51				
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45				
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40				
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36				
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33				
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30				
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	35396	35396	35396
5°	35452	32452	31133
10°	35275	27761	24155
15°	35127	22597	18104
20°	34880	17962	13549
25°	34423	14047	10753
30°	33555	11346	9172
35°	31996	9582	8344
40°	29441	8442	7897
45°	26018	7707	7654
50°	21887	7076	7230
55°	17830	6396	6602
60°	14109	5610	5791
65°	10804	4910	5040
70°	8231	4329	4457
75°	6186	3872	4061
80°	4167	3526	3776
85°	2087	3267	3622



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	145.6	5.6
10°-20°	341.3	13.0
20°-30°	405.1	15.5
30°-40°	407.6	15.6
40°-50°	378.9	14.5
50°-60°	312.0	11.9
60°-70°	219.8	8.4
70°-80°	143.6	5.5
80°-90°	91.7	3.5
90°-100°	60.1	2.3
100°-110°	40.8	1.6
110°-120°	28.0	1.1
120°-130°	19.4	0.7
130°-140°	13.0	0.5
140°-150°	8.0	0.3
150°-160°	4.2	0.2
160°-170°	1.5	0.1
170°-180°	0.3	0.0
0°-30°	892.0	34.0
0°-40°	1299.7	49.6
0°-60°	1990.5	75.9
0°-90°	2445.7	93.3
90°-120°	128.9	4.9
90°-150°	169.4	6.5
90°-180°	175.0	6.7
0°-180°	2621.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1644	1644	1644	1644	1644	
5°	1652	1630	1571	1541	1525	157
15°	1611	1440	1158	1012	957	455
25°	1506	1113	738	620	593	693
35°	1288	753	500	468	466	801
45°	926	496	387	408	419	711
55°	532	326	300	332	343	480
65°	250	196	206	232	240	254
75°	98	102	139	164	170	105
85°	16	47	93	121	126	21
90°	0	32	76	103	107	1
95°	0	23	63	86	91	0
105°	0	16	43	60	66	0
115°	1	14	30	44	47	1
125°	1	11	25	32	34	1
135°	1	10	19	25	26	1
145°	1	7	14	19	21	1
155°	1	6	10	14	15	1
165°	1	3	6	7	8	0
175°	3	3	3	3	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1644.2	1644.2	1644.2	1644.2	1644.2
1°	1658.0	1651.1	1633.2	1645.6	1642.9
2°	1656.6	1649.7	1629.1	1634.6	1625.0
3°	1655.2	1645.6	1614.0	1612.6	1598.9
4°	1653.8	1638.7	1594.8	1578.3	1567.3
5°	1652.5	1630.5	1571.4	1541.2	1524.7
6°	1651.1	1620.9	1541.2	1495.9	1472.5
7°	1648.4	1605.8	1509.6	1447.8	1417.6
8°	1645.6	1592.0	1469.8	1395.6	1358.5
9°	1642.9	1574.2	1429.9	1339.3	1295.3
10°	1637.4	1556.3	1388.7	1281.6	1234.9
11°	1634.6	1535.7	1348.9	1226.6	1171.7
12°	1629.1	1513.7	1306.3	1169.0	1120.9
13°	1623.6	1490.4	1254.1	1119.5	1061.8
14°	1618.1	1465.7	1208.8	1064.6	1011.0
15°	1611.3	1439.6	1158.0	1012.4	957.4
16°	1604.4	1409.3	1112.6	958.8	901.1
17°	1597.5	1380.5	1070.1	909.3	857.1
18°	1589.3	1351.6	1020.6	861.3	810.4
19°	1578.3	1318.7	980.8	817.3	770.6
20°	1568.7	1288.5	935.4	776.1	734.9
21°	1557.7	1251.4	890.1	737.6	696.4
22.5°	1541.2	1199.2	832.4	689.6	651.1
23°	1533.0	1184.1	809.1	671.7	638.7
24°	1522.0	1144.2	770.6	644.2	611.3
25°	1505.5	1112.6	737.6	619.5	593.4
26°	1490.4	1074.2	704.7	597.5	571.4
27°	1475.3	1037.1	675.8	574.2	552.2
28°	1456.0	998.6	644.2	554.9	535.7
29°	1435.4	962.9	618.1	538.5	523.4
30°	1414.8	923.1	596.2	523.4	511.0
32.5°	1357.1	835.2	539.8	494.5	486.3
35°	1288.5	752.7	500.0	468.4	465.7
37.5°	1211.5	677.2	464.3	447.8	450.5
40°	1120.9	608.5	434.1	432.7	438.2
42.5°	1024.7	549.5	410.7	420.3	428.6
45°	925.8	495.9	387.4	408.0	419.0
47.5°	822.8	449.2	366.8	392.9	405.2
50°	718.4	403.8	344.8	375.0	387.4
52.5°	625.0	364.0	322.8	354.4	368.1
55°	531.6	325.5	299.5	332.4	343.4
57.5°	450.5	289.8	274.7	307.7	315.9
60°	375.0	255.5	250.0	280.2	289.8
62.5°	306.3	225.3	226.6	255.5	265.1
65°	250.0	196.4	206.0	232.1	240.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	203.3	169.0	185.4	212.9	219.8
70°	160.7	144.2	169.0	193.7	200.5
72.5°	127.7	122.3	152.5	178.6	184.1
75°	97.5	101.6	138.7	163.5	170.3
77.5°	70.1	85.2	125.0	151.1	156.6
80°	49.5	70.1	114.0	140.1	145.6
82.5°	31.6	57.7	103.0	130.5	136.0
85°	16.5	46.7	93.4	120.9	126.4
87.5°	6.9	38.5	83.8	111.3	116.8
90°	0.0	31.6	75.5	103.0	107.1
92.5°	0.0	27.5	68.7	94.8	98.9
95°	0.0	23.4	63.2	86.5	90.7
97.5°	0.0	22.0	56.3	79.7	83.8
100°	0.0	19.2	50.8	72.8	78.3
102.5°	0.0	17.9	46.7	65.9	71.4
105°	0.0	16.5	42.6	60.4	65.9
107.5°	0.0	15.1	39.8	56.3	60.4
110°	0.0	15.1	35.7	52.2	56.3
112.5°	1.4	13.7	33.0	46.7	50.8
115°	1.4	13.7	30.2	44.0	46.7
117.5°	1.4	13.7	28.8	39.8	42.6
120°	1.4	12.4	27.5	37.1	39.8
122.5°	1.4	12.4	26.1	34.3	35.7
125°	1.4	11.0	24.7	31.6	34.3
127.5°	1.4	11.0	23.4	30.2	31.6
130°	1.4	11.0	22.0	27.5	30.2
132.5°	1.4	9.6	20.6	26.1	27.5
135°	1.4	9.6	19.2	24.7	26.1
137.5°	1.4	8.2	17.9	23.4	24.7
140°	1.4	8.2	16.5	22.0	23.4
142.5°	1.4	6.9	15.1	20.6	22.0
145°	1.4	6.9	13.7	19.2	20.6
147.5°	1.4	6.9	12.4	17.9	19.2
150°	1.4	5.5	11.0	16.5	17.9
152.5°	1.4	5.5	9.6	15.1	16.5
155°	1.4	5.5	9.6	13.7	15.1
157.5°	1.4	4.1	8.2	11.0	13.7
160°	1.4	4.1	6.9	9.6	12.4
162.5°	1.4	4.1	6.9	8.2	9.6
165°	1.4	2.7	5.5	6.9	8.2
167.5°	1.4	2.7	4.1	5.5	6.9
170°	1.4	2.7	4.1	4.1	5.5
172.5°	1.4	2.7	2.7	2.7	2.7
175°	2.7	2.7	2.7	2.7	1.4
177.5°	2.7	2.7	2.7	1.4	1.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)