

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: P565783

Luminaire Tested: **2SNX-44HL-UNV-L935-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565783  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 2SNX-44HL-UNV-L935-CD  
Description: 2FT 4400 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

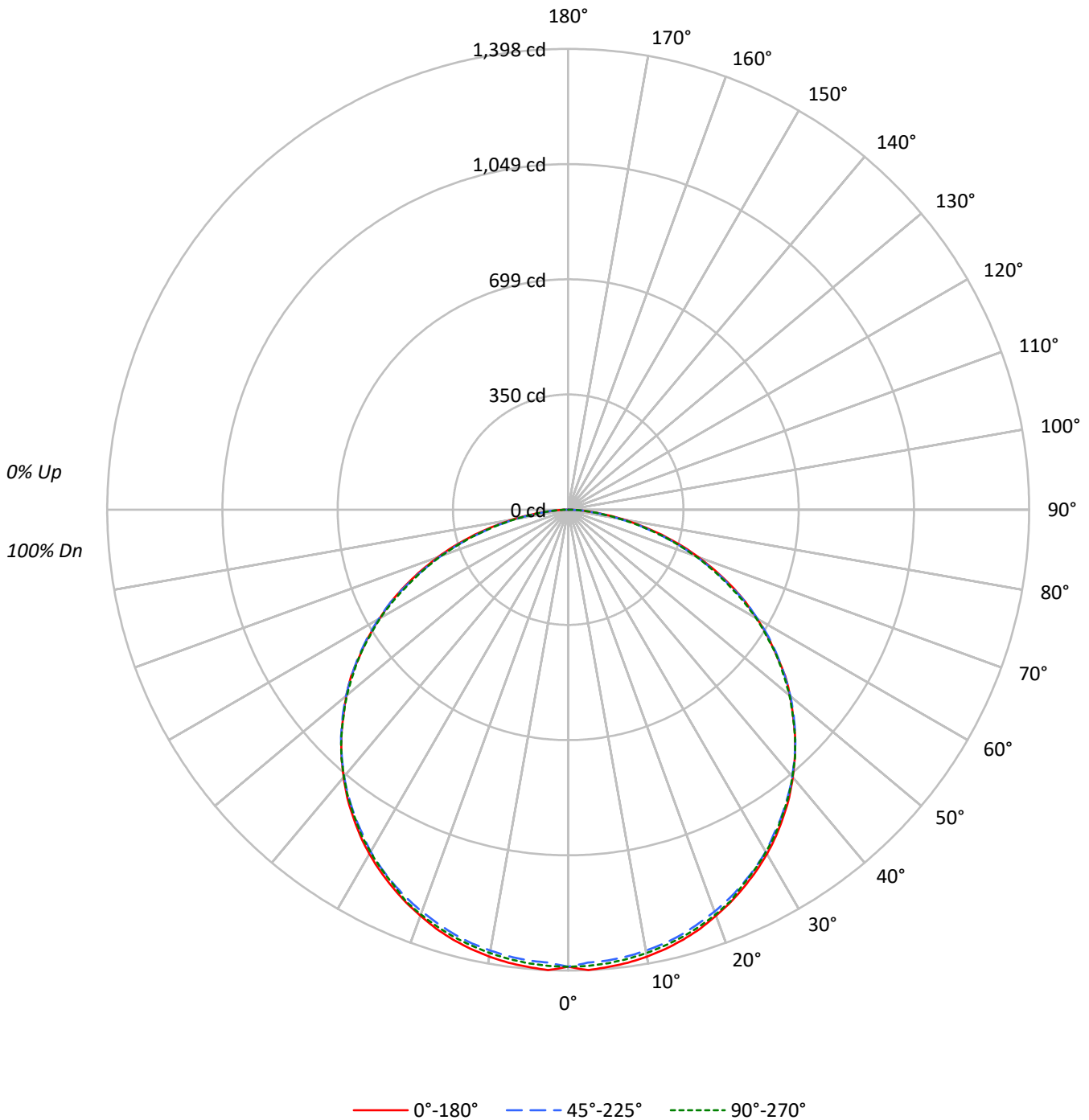
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4150.0 lumens  
Efficiency: N/A  
Efficacy: 133.4 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.29 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 31.1  
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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	29846	29846	29846
5°	30086	29668	29846
10°	30101	29690	29856
15°	30088	29722	29892
20°	30027	29718	29933
25°	29991	29753	29810
30°	29972	29780	29810
35°	29897	29713	29758
40°	29778	29710	29727
45°	29614	29669	29614
50°	29415	29476	29318
55°	28956	29110	28956
60°	28468	28593	28344
65°	27762	27436	27135
70°	26442	25851	25775
75°	24404	23231	23323
80°	20877	19563	19935
85°	15512	15215	14203



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	131.6	3.2
10°-20°	379.1	9.1
20°-30°	580.4	14.0
30°-40°	709.9	17.1
40°-50°	750.9	18.1
50°-60°	691.9	16.7
60°-70°	532.5	12.8
70°-80°	299.2	7.2
80°-90°	74.6	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1091.0	26.3
0°-40°	1801.0	43.4
0°-60°	3243.7	78.2
0°-90°	4150.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4150.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1386	1386	1386	1386	1386	
5°	1392	1388	1373	1385	1381	132
15°	1350	1346	1334	1345	1341	381
25°	1263	1261	1253	1261	1255	582
35°	1138	1136	1131	1136	1132	712
45°	973	976	974	972	973	750
55°	772	779	776	773	772	691
65°	545	546	539	531	533	538
75°	293	289	279	275	280	309
85°	63	62	62	60	58	77
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1386.4	1386.4	1386.4	1386.4	1386.4
2.5°	1398.1	1390.5	1375.2	1388.7	1385.2
5°	1392.2	1388.1	1372.9	1385.2	1381.1
7.5°	1386.4	1381.7	1367.0	1380.5	1374.6
10°	1377.0	1372.9	1358.2	1371.1	1365.8
12.5°	1364.7	1361.1	1347.7	1360.0	1354.7
15°	1350.0	1346.5	1333.6	1345.3	1341.2
17.5°	1332.4	1328.3	1316.0	1328.3	1325.4
20°	1310.7	1308.3	1297.2	1308.3	1306.6
22.5°	1288.4	1285.5	1276.7	1284.9	1285.5
25°	1262.6	1261.4	1252.6	1261.4	1255.0
27.5°	1235.6	1235.6	1226.8	1232.7	1228.6
30°	1205.7	1205.1	1198.0	1201.0	1199.2
32.5°	1173.4	1172.8	1163.4	1171.1	1168.1
35°	1137.6	1135.9	1130.6	1135.9	1132.3
37.5°	1100.7	1098.9	1094.8	1097.7	1097.1
40°	1059.6	1059.6	1057.2	1059.6	1057.8
42.5°	1017.3	1019.1	1016.2	1018.5	1018.5
45°	972.7	975.7	974.5	972.2	972.7
47.5°	925.2	930.5	927.6	927.0	924.1
50°	878.3	883.0	880.1	877.1	875.4
52.5°	829.6	831.9	828.4	827.2	823.1
55°	771.5	778.6	775.6	773.3	771.5
57.5°	718.1	723.4	721.1	716.4	713.4
60°	661.2	665.3	664.1	658.9	658.3
62.5°	605.5	606.6	605.5	596.1	596.7
65°	545.0	546.2	538.6	531.0	532.7
67.5°	481.7	485.2	474.6	463.5	471.1
70°	420.1	418.9	410.7	398.4	409.5
72.5°	356.7	355.5	346.2	337.4	345.0
75°	293.4	288.7	279.3	275.2	280.4
77.5°	227.6	222.4	218.3	215.3	217.7
80°	168.4	161.3	157.8	155.5	160.8
82.5°	112.1	106.8	105.0	106.8	105.6
85°	62.8	61.6	61.6	59.8	57.5
87.5°	25.8	27.0	27.6	27.0	25.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)