

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: P565782

Luminaire Tested: **2SNX-44HL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565782
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-L930-CD
Description: 2FT 4400 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

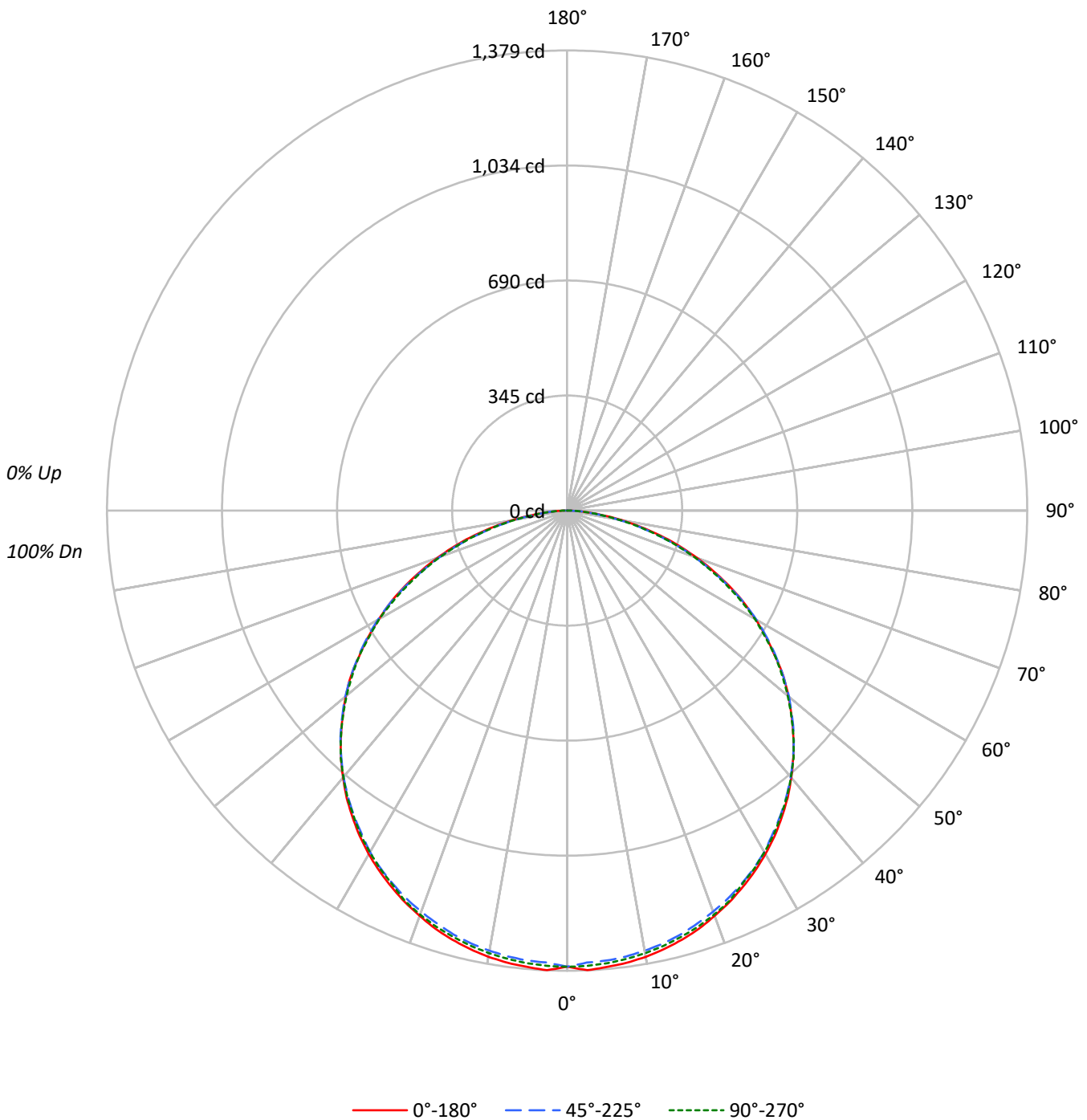
Lumens per Lamp: N/A
Luminaire Lumens: 4092.0 lumens
Efficiency: N/A
Efficacy: 131.6 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.29 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

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°	29429	29429	29429
5°	29666	29254	29429
10°	29679	29275	29441
15°	29667	29306	29475
20°	29608	29303	29514
25°	29571	29338	29392
30°	29551	29365	29395
35°	29479	29298	29342
40°	29362	29297	29311
45°	29203	29255	29203
50°	29004	29064	28906
55°	28551	28705	28551
60°	28072	28197	27947
65°	27375	27054	26758
70°	26071	25492	25416
75°	24063	22907	22998
80°	20580	19290	19650
85°	15290	14993	14005



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.7	3.2
10°-20°	373.8	9.1
20°-30°	572.2	14.0
30°-40°	700.0	17.1
40°-50°	740.4	18.1
50°-60°	682.2	16.7
60°-70°	525.1	12.8
70°-80°	295.0	7.2
80°-90°	73.6	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°	1075.8	26.3
0°-40°	1775.8	43.4
0°-60°	3198.4	78.2
0°-90°	4092.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4092.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1367	1367	1367	1367	1367	
5°	1373	1369	1354	1366	1362	131
15°	1331	1328	1315	1326	1322	376
25°	1245	1244	1235	1244	1237	574
35°	1122	1120	1115	1120	1116	702
45°	959	962	961	959	959	740
55°	761	768	765	762	761	681
65°	537	539	531	524	525	530
75°	289	285	275	271	276	305
85°	62	61	61	59	57	76
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1367.0	1367.0	1367.0	1367.0	1367.0
2.5°	1378.6	1371.0	1356.0	1369.3	1365.8
5°	1372.8	1368.7	1353.7	1365.8	1361.8
7.5°	1367.0	1362.4	1347.9	1361.2	1355.4
10°	1357.7	1353.7	1339.2	1352.0	1346.8
12.5°	1345.6	1342.1	1328.8	1341.0	1335.8
15°	1331.1	1327.7	1314.9	1326.5	1322.5
17.5°	1313.8	1309.7	1297.6	1309.7	1306.8
20°	1292.4	1290.1	1279.1	1290.1	1288.3
22.5°	1270.4	1267.5	1258.8	1266.9	1267.5
25°	1244.9	1243.8	1235.1	1243.8	1237.4
27.5°	1218.3	1218.3	1209.6	1215.4	1211.4
30°	1188.8	1188.2	1181.3	1184.2	1182.5
32.5°	1157.0	1156.4	1147.2	1154.7	1151.8
35°	1121.7	1120.0	1114.8	1120.0	1116.5
37.5°	1085.3	1083.5	1079.5	1082.4	1081.8
40°	1044.8	1044.8	1042.5	1044.8	1043.0
42.5°	1003.1	1004.9	1002.0	1004.3	1004.3
45°	959.2	962.0	960.9	958.6	959.2
47.5°	912.3	917.5	914.6	914.0	911.1
50°	866.0	870.6	867.8	864.9	863.1
52.5°	818.0	820.3	816.8	815.7	811.6
55°	760.7	767.7	764.8	762.5	760.7
57.5°	708.1	713.3	711.0	706.3	703.5
60°	652.0	656.0	654.9	649.7	649.1
62.5°	597.0	598.2	597.0	587.8	588.3
65°	537.4	538.6	531.1	523.5	525.3
67.5°	474.9	478.4	468.0	457.0	464.5
70°	414.2	413.0	405.0	392.8	403.8
72.5°	351.7	350.6	341.3	332.6	340.2
75°	289.3	284.6	275.4	271.3	276.5
77.5°	224.5	219.3	215.2	212.3	214.6
80°	166.0	159.1	155.6	153.3	158.5
82.5°	110.5	105.3	103.6	105.3	104.1
85°	61.9	60.7	60.7	59.0	56.7
87.5°	25.5	26.6	27.2	26.6	25.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)