

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: P567392

Luminaire Tested: **8SNX-134SL-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567392
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNX-134SL-UNV-L940-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

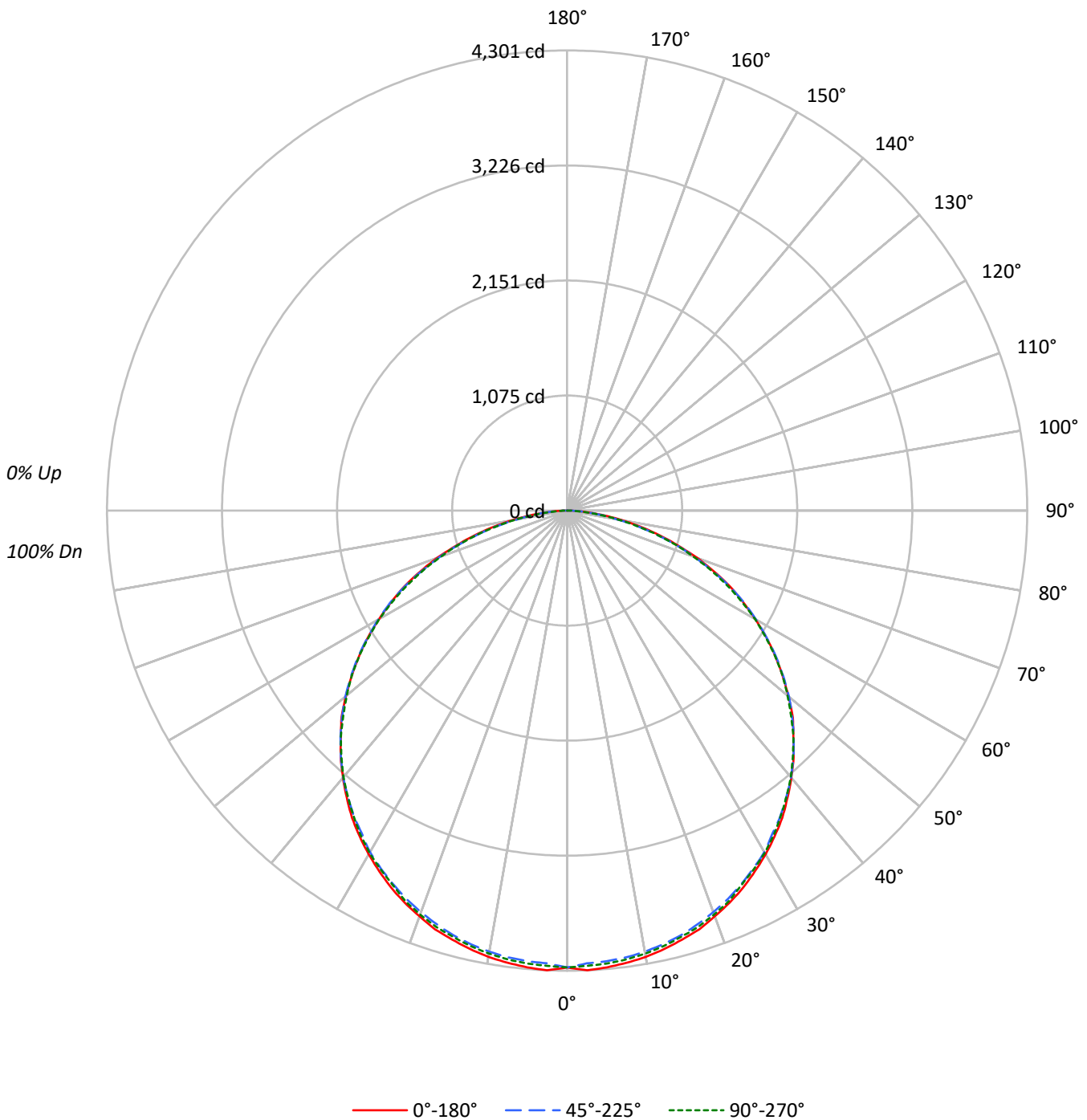
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12768.0 lumens
Efficiency: N/A
Efficacy: 133.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

Input Watts (W): 95.8
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°	22982	22982	22982
5°	23153	22842	22966
10°	23148	22875	22980
15°	23130	22895	22980
20°	23116	22874	23006
25°	23101	22873	22918
30°	23053	22910	22958
35°	23036	22859	22884
40°	22906	22878	22852
45°	22769	22798	22769
50°	22603	22668	22507
55°	22305	22376	22268
60°	21866	21949	21825
65°	21420	21273	20979
70°	20364	19940	19700
75°	18607	17966	18047
80°	16067	14877	15233
85°	12091	11622	10436



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	405.1	3.2
10°-20°	1167.3	9.1
20°-30°	1786.0	14.0
30°-40°	2183.7	17.1
40°-50°	2310.0	18.1
50°-60°	2128.4	16.7
60°-70°	1640.1	12.8
70°-80°	918.9	7.2
80°-90°	228.4	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°	3358.4	26.3
0°-40°	5542.1	43.4
0°-60°	9980.5	78.2
0°-90°	12768.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12768.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4270	4270	4270	4270	4270	
5°	4286	4270	4228	4270	4251	407
15°	4151	4144	4109	4144	4124	1173
25°	3890	3882	3852	3882	3859	1793
35°	3506	3498	3479	3491	3483	2191
45°	2992	3003	2995	2992	2992	2311
55°	2377	2396	2385	2385	2373	2123
65°	1682	1682	1670	1628	1647	1654
75°	895	883	864	833	868	949
85°	196	184	188	188	169	242
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4270.2	4270.2	4270.2	4270.2	4270.2
2.5°	4301.0	4281.8	4235.7	4277.9	4258.7
5°	4285.6	4270.2	4228.0	4270.2	4251.0
7.5°	4262.6	4251.0	4212.6	4251.0	4231.8
10°	4235.7	4224.2	4185.8	4224.2	4205.0
12.5°	4197.3	4189.6	4151.2	4189.6	4170.4
15°	4151.2	4143.5	4109.0	4143.5	4124.3
17.5°	4105.1	4089.8	4055.2	4093.6	4078.2
20°	4036.0	4028.3	3993.8	4028.3	4016.8
22.5°	3966.9	3959.2	3928.5	3959.2	3951.5
25°	3890.1	3882.4	3851.7	3882.4	3859.4
27.5°	3801.7	3805.6	3771.0	3790.2	3778.7
30°	3709.6	3709.6	3686.5	3694.2	3694.2
32.5°	3609.7	3609.7	3575.2	3598.2	3594.4
35°	3506.1	3498.4	3479.2	3490.7	3483.0
37.5°	3383.2	3379.3	3367.8	3375.5	3367.8
40°	3260.3	3264.1	3256.4	3252.6	3252.6
42.5°	3133.6	3141.2	3129.7	3125.9	3122.0
45°	2991.5	3003.0	2995.3	2991.5	2991.5
47.5°	2860.9	2864.8	2853.2	2849.4	2837.9
50°	2699.6	2715.0	2707.3	2699.6	2688.1
52.5°	2538.3	2561.4	2546.0	2538.3	2538.3
55°	2377.1	2396.3	2384.7	2384.7	2373.2
57.5°	2208.1	2227.3	2211.9	2211.9	2196.6
60°	2031.4	2050.6	2039.1	2027.6	2027.6
62.5°	1854.8	1870.2	1866.3	1847.1	1835.6
65°	1682.0	1682.0	1670.5	1628.2	1647.4
67.5°	1486.1	1482.3	1466.9	1424.7	1451.6
70°	1294.1	1294.1	1267.2	1217.3	1251.9
72.5°	1086.8	1098.3	1063.7	1029.2	1063.7
75°	894.8	883.2	864.0	833.3	867.9
77.5°	710.4	691.2	668.2	652.8	672.0
80°	518.4	506.9	480.0	480.0	491.5
82.5°	353.3	341.8	322.6	326.4	311.1
85°	195.8	184.3	188.2	188.2	169.0
87.5°	80.6	80.6	80.6	73.0	65.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)