

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: P567386

Luminaire Tested: **8SNX-134SL-UNV-L830-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567386
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-L830-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3000K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

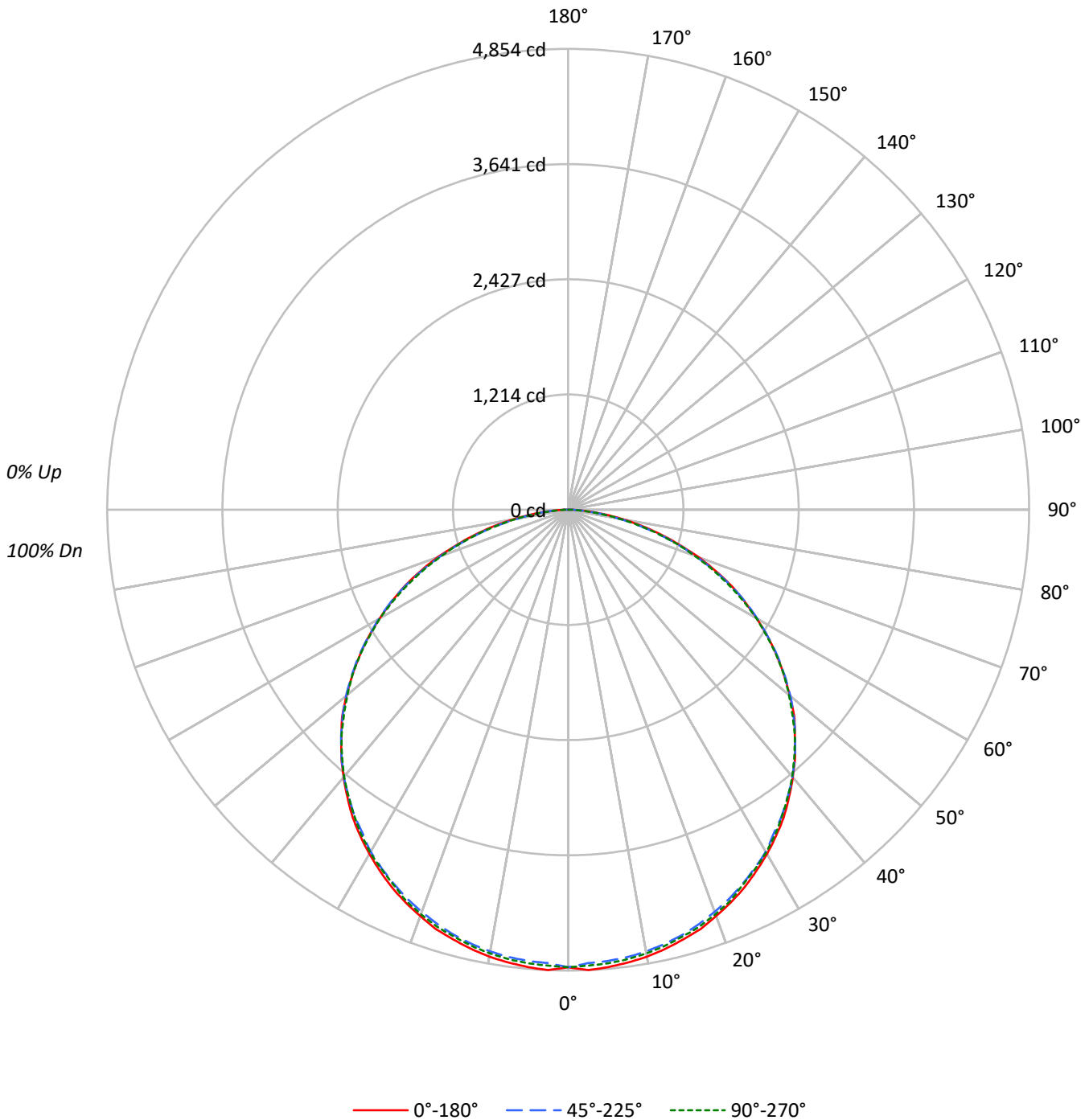
Lumens per Lamp: N/A
Luminaire Lumens: 14410.0 lumens
Efficiency: N/A
Efficacy: 150.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

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°	25938	25938	25938
5°	26130	25779	25920
10°	26125	25817	25935
15°	26104	25839	25935
20°	26088	25816	25964
25°	26071	25814	25866
30°	26018	25856	25910
35°	25997	25798	25827
40°	25852	25821	25790
45°	25697	25730	25697
50°	25510	25583	25402
55°	25172	25254	25132
60°	24678	24772	24632
65°	24174	24009	23678
70°	22984	22505	22233
75°	20998	20279	20368
80°	18134	16792	17195
85°	13647	13116	11776



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	457.2	3.2
10°-20°	1317.4	9.1
20°-30°	2015.7	14.0
30°-40°	2464.6	17.1
40°-50°	2607.1	18.1
50°-60°	2402.1	16.7
60°-70°	1851.0	12.8
70°-80°	1037.1	7.2
80°-90°	257.8	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°	3790.3	26.3
0°-40°	6254.9	43.4
0°-60°	11264.1	78.2
0°-90°	14410.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14410.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4819	4819	4819	4819	4819	
5°	4837	4819	4772	4819	4798	460
15°	4685	4676	4637	4676	4655	1324
25°	4390	4382	4347	4382	4356	2023
35°	3957	3948	3927	3940	3931	2472
45°	3376	3389	3380	3376	3376	2608
55°	2683	2704	2691	2691	2678	2396
65°	1898	1898	1885	1838	1859	1867
75°	1010	997	975	940	980	1071
85°	221	208	212	212	191	273
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4819.4	4819.4	4819.4	4819.4	4819.4
2.5°	4854.1	4832.4	4780.4	4828.1	4806.4
5°	4836.7	4819.4	4771.7	4819.4	4797.7
7.5°	4810.7	4797.7	4754.4	4797.7	4776.1
10°	4780.4	4767.4	4724.1	4767.4	4745.7
12.5°	4737.1	4728.4	4685.1	4728.4	4706.7
15°	4685.1	4676.4	4637.4	4676.4	4654.7
17.5°	4633.1	4615.7	4576.7	4620.0	4602.7
20°	4555.0	4546.4	4507.4	4546.4	4533.4
22.5°	4477.0	4468.4	4433.7	4468.4	4459.7
25°	4390.3	4381.7	4347.0	4381.7	4355.7
27.5°	4290.7	4295.0	4256.0	4277.7	4264.7
30°	4186.6	4186.6	4160.6	4169.3	4169.3
32.5°	4074.0	4074.0	4035.0	4061.0	4056.6
35°	3956.9	3948.3	3926.6	3939.6	3930.9
37.5°	3818.3	3813.9	3800.9	3809.6	3800.9
40°	3679.6	3683.9	3675.2	3670.9	3670.9
42.5°	3536.5	3545.2	3532.2	3527.9	3523.5
45°	3376.2	3389.2	3380.5	3376.2	3376.2
47.5°	3228.8	3233.2	3220.2	3215.8	3202.8
50°	3046.8	3064.1	3055.5	3046.8	3033.8
52.5°	2864.8	2890.8	2873.4	2864.8	2864.8
55°	2682.7	2704.4	2691.4	2691.4	2678.4
57.5°	2492.1	2513.7	2496.4	2496.4	2479.1
60°	2292.7	2314.4	2301.4	2288.4	2288.4
62.5°	2093.3	2110.7	2106.3	2084.7	2071.7
65°	1898.3	1898.3	1885.3	1837.6	1859.3
67.5°	1677.3	1672.9	1655.6	1607.9	1638.3
70°	1460.6	1460.6	1430.2	1373.9	1412.9
72.5°	1226.5	1239.5	1200.5	1161.5	1200.5
75°	1009.8	996.8	975.2	940.5	979.5
77.5°	801.8	780.1	754.1	736.8	758.5
80°	585.1	572.1	541.8	541.8	554.8
82.5°	398.7	385.7	364.1	368.4	351.1
85°	221.0	208.0	212.4	212.4	190.7
87.5°	91.0	91.0	91.0	82.3	73.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)