

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: P567387

Luminaire Tested: **8SNX-134SL-UNV-L835-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P567387  
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-L835-CD  
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

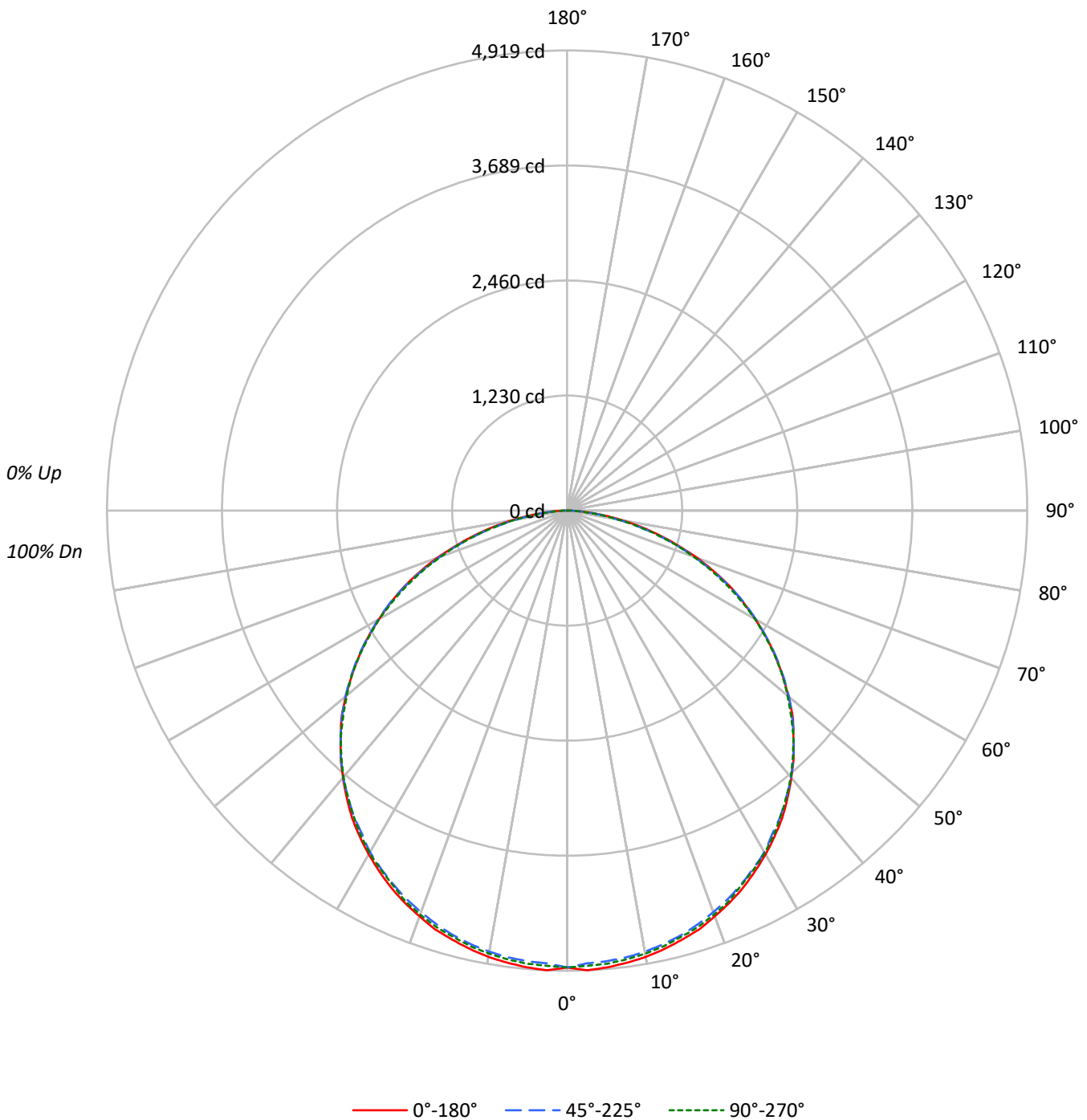
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14603.0 lumens  
Efficiency: N/A  
Efficacy: 152.4 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°	26285	26285	26285
5°	26480	26124	26267
10°	26475	26163	26283
15°	26454	26185	26283
20°	26437	26161	26312
25°	26420	26160	26212
30°	26366	26203	26258
35°	26346	26144	26173
40°	26198	26167	26136
45°	26041	26075	26041
50°	25852	25926	25741
55°	25510	25593	25469
60°	25009	25104	24962
65°	24498	24330	23995
70°	23291	22807	22531
75°	21279	20549	20640
80°	18376	17015	17425
85°	13832	13289	11936



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	463.3	3.2
10°-20°	1335.0	9.1
20°-30°	2042.7	14.0
30°-40°	2497.6	17.1
40°-50°	2642.0	18.1
50°-60°	2434.3	16.7
60°-70°	1875.8	12.8
70°-80°	1051.0	7.2
80°-90°	261.2	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°	3841.1	26.3
0°-40°	6338.7	43.4
0°-60°	11414.9	78.2
0°-90°	14603.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	14603.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	4884	4884	4884	4884	4884	
5°	4902	4884	4836	4884	4862	466
15°	4748	4739	4700	4739	4717	1341
25°	4449	4440	4405	4440	4414	2050
35°	4010	4001	3979	3992	3984	2505
45°	3421	3435	3426	3421	3421	2643
55°	2719	2741	2728	2728	2714	2428
65°	1924	1924	1910	1862	1884	1892
75°	1023	1010	988	953	993	1085
85°	224	211	215	215	193	277
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	4884.0	4884.0	4884.0	4884.0	4884.0
2.5°	4919.1	4897.1	4844.4	4892.7	4870.8
5°	4901.5	4884.0	4835.6	4884.0	4862.0
7.5°	4875.2	4862.0	4818.1	4862.0	4840.0
10°	4844.4	4831.3	4787.3	4831.3	4809.3
12.5°	4800.5	4791.7	4747.8	4791.7	4769.8
15°	4747.8	4739.0	4699.5	4739.0	4717.1
17.5°	4695.1	4677.5	4638.0	4681.9	4664.4
20°	4616.0	4607.3	4567.7	4607.3	4594.1
22.5°	4537.0	4528.2	4493.1	4528.2	4519.4
25°	4449.1	4440.4	4405.2	4440.4	4414.0
27.5°	4348.1	4352.5	4313.0	4335.0	4321.8
30°	4242.7	4242.7	4216.4	4225.2	4225.2
32.5°	4128.5	4128.5	4089.0	4115.4	4111.0
35°	4009.9	4001.2	3979.2	3992.4	3983.6
37.5°	3869.4	3865.0	3851.8	3860.6	3851.8
40°	3728.9	3733.2	3724.5	3720.1	3720.1
42.5°	3583.9	3592.7	3579.5	3575.1	3570.7
45°	3421.4	3434.6	3425.8	3421.4	3421.4
47.5°	3272.1	3276.5	3263.3	3258.9	3245.7
50°	3087.6	3105.2	3096.4	3087.6	3074.4
52.5°	2903.1	2929.5	2911.9	2903.1	2903.1
55°	2718.7	2740.6	2727.5	2727.5	2714.3
57.5°	2525.4	2547.4	2529.8	2529.8	2512.3
60°	2323.4	2345.4	2332.2	2319.0	2319.0
62.5°	2121.4	2138.9	2134.5	2112.6	2099.4
65°	1923.7	1923.7	1910.5	1862.2	1884.2
67.5°	1699.7	1695.3	1677.8	1629.5	1660.2
70°	1480.1	1480.1	1449.4	1392.3	1431.8
72.5°	1243.0	1256.1	1216.6	1177.1	1216.6
75°	1023.3	1010.2	988.2	953.1	992.6
77.5°	812.5	790.6	764.2	746.6	768.6
80°	592.9	579.8	549.0	549.0	562.2
82.5°	404.1	390.9	368.9	373.3	355.8
85°	224.0	210.8	215.2	215.2	193.3
87.5°	92.2	92.2	92.2	83.4	74.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)