

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: P567379

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567379
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNX-134SL-SLW-UNV-L835-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

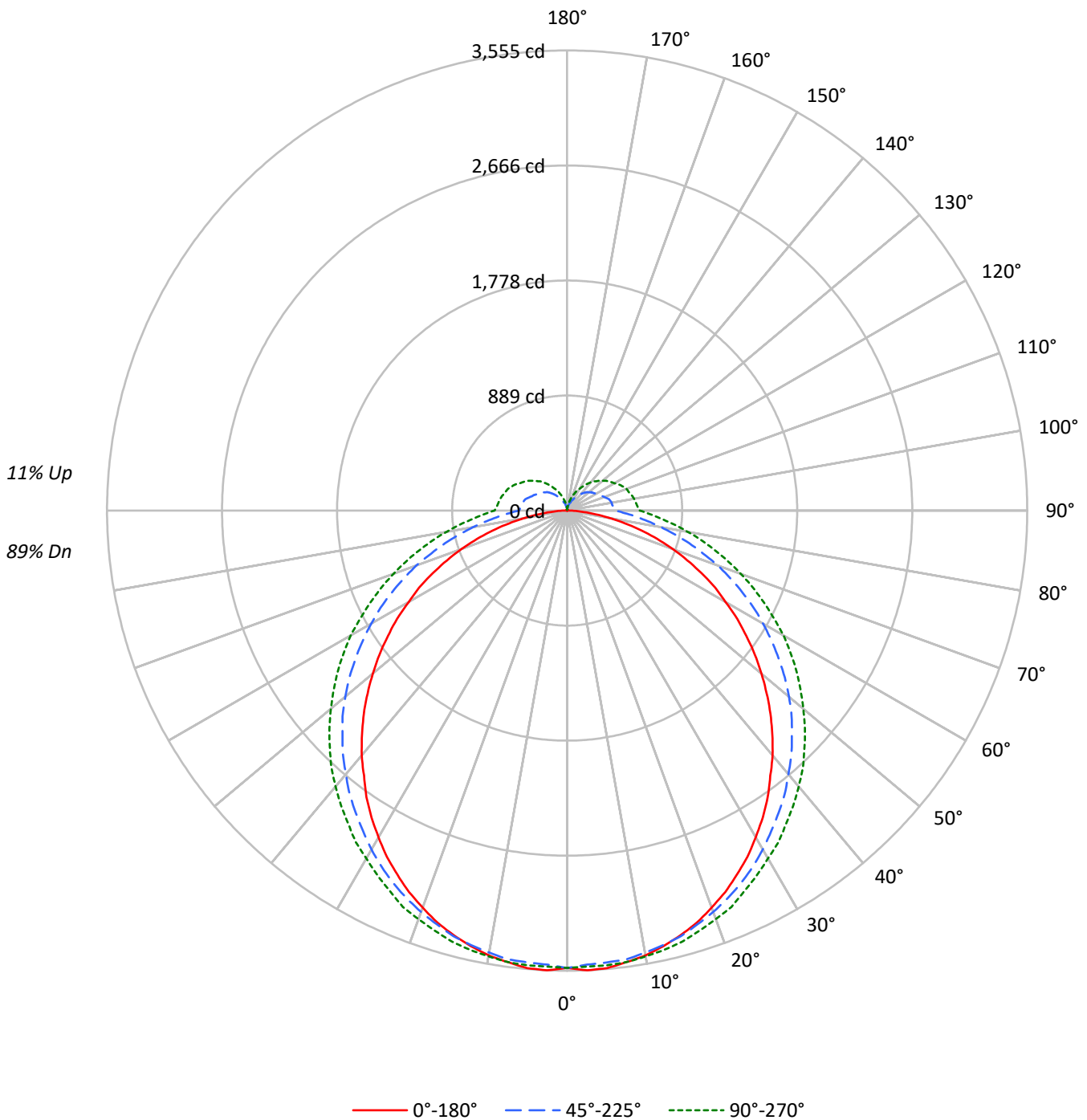
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12578.0 lumens
Efficiency: N/A
Efficacy: 131.3 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 95.8
Input Voltage (V): NR
Input Current (A_{in}): 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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	76	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	19016	19016	19016
5°	19150	18538	18511
10°	19035	18175	18053
15°	18863	17801	17631
20°	18621	17370	17161
25°	18340	16948	16670
30°	18001	16484	16184
35°	17629	16002	15728
40°	17201	15527	15291
45°	16738	15044	14819
50°	16207	14533	14291
55°	15627	13918	13772
60°	14944	13260	13193
65°	14248	12519	12463
70°	13263	11703	11750
75°	11959	10664	10961
80°	9809	9610	10181
85°	7237	8717	9382



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	335.6	2.7
10°-20°	964.6	7.7
20°-30°	1466.7	11.7
30°-40°	1780.4	14.2
40°-50°	1881.4	15.0
50°-60°	1760.5	14.0
60°-70°	1444.5	11.5
70°-80°	993.6	7.9
80°-90°	544.1	4.3
90°-100°	350.4	2.8
100°-110°	314.4	2.5
110°-120°	260.2	2.1
120°-130°	200.4	1.6
130°-140°	140.8	1.1
140°-150°	84.8	0.7
150°-160°	40.6	0.3
160°-170°	13.3	0.1
170°-180°	1.6	0.0
0°-30°	2766.9	22.0
0°-40°	4547.3	36.2
0°-60°	8189.2	65.1
0°-90°	11171.4	88.8
90°-120°	925.0	7.4
90°-150°	1351.1	10.7
90°-180°	1407.0	11.2
0°-180°	12578.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3533	3533	3533	3533	3533	
5°	3548	3540	3504	3533	3526	336
15°	3395	3409	3402	3446	3446	957
25°	3103	3140	3176	3242	3242	1430
35°	2703	2768	2848	2928	2950	1688
45°	2222	2324	2455	2564	2593	1713
55°	1690	1828	1996	2120	2164	1512
65°	1144	1297	1493	1632	1676	1133
75°	597	758	976	1129	1180	629
85°	131	313	532	678	728	152
90°	0	175	372	510	561	9
95°	0	168	357	488	539	0
105°	0	138	335	459	503	5
115°	7	124	284	408	459	7
125°	7	102	240	350	393	7
135°	7	80	197	284	320	6
145°	7	58	138	218	240	5
155°	7	36	87	138	160	3
165°	7	22	44	66	80	2
175°	7	7	15	15	7	1
180°	7	7	7	7	7	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3533.2	3533.2	3533.2	3533.2	3533.2
2.5°	3555.0	3547.8	3511.3	3540.5	3525.9
5°	3547.8	3540.5	3504.0	3533.2	3525.9
7.5°	3518.6	3518.6	3496.8	3525.9	3518.6
10°	3489.5	3489.5	3467.6	3504.0	3496.8
12.5°	3445.8	3453.1	3438.5	3482.2	3474.9
15°	3394.8	3409.3	3402.1	3445.8	3445.8
17.5°	3336.5	3351.1	3351.1	3402.1	3402.1
20°	3263.6	3285.5	3300.1	3358.4	3358.4
22.5°	3190.8	3219.9	3241.8	3292.8	3314.6
25°	3103.4	3139.8	3176.2	3241.8	3241.8
27.5°	3016.0	3059.7	3103.4	3168.9	3176.2
30°	2914.0	2965.0	3023.2	3088.8	3103.4
32.5°	2812.0	2877.5	2935.8	3016.0	3037.8
35°	2702.7	2768.3	2848.4	2928.5	2950.4
37.5°	2578.9	2659.0	2761.0	2848.4	2870.3
40°	2469.6	2557.0	2659.0	2761.0	2782.8
42.5°	2345.7	2440.5	2564.3	2659.0	2695.4
45°	2221.9	2323.9	2455.0	2564.3	2593.4
47.5°	2090.8	2207.3	2353.0	2455.0	2491.4
50°	1959.6	2083.5	2236.5	2353.0	2382.2
52.5°	1828.5	1959.6	2119.9	2236.5	2272.9
55°	1690.1	1828.5	1996.1	2119.9	2163.6
57.5°	1559.0	1697.4	1872.2	2003.4	2047.1
60°	1413.3	1573.5	1748.4	1879.5	1930.5
62.5°	1289.4	1435.1	1624.5	1755.7	1799.4
65°	1143.7	1296.7	1493.4	1631.8	1675.5
67.5°	1005.3	1165.6	1362.3	1508.0	1551.7
70°	866.9	1027.2	1238.4	1376.9	1427.8
72.5°	728.5	896.0	1100.0	1253.0	1304.0
75°	597.4	757.6	976.2	1129.2	1180.2
77.5°	459.0	633.8	852.3	1005.3	1063.6
80°	335.1	517.2	735.8	888.8	947.0
82.5°	225.8	408.0	626.5	779.5	837.8
85°	131.1	313.3	531.8	677.5	728.5
87.5°	65.6	240.4	444.4	590.1	641.1
90°	0.0	174.8	371.5	509.9	560.9
92.5°	0.0	167.6	364.2	495.4	546.4
95°	0.0	167.6	357.0	488.1	539.1
97.5°	0.0	160.3	349.7	488.1	531.8
100°	0.0	153.0	349.7	480.8	524.5
102.5°	0.0	145.7	342.4	473.5	517.2
105°	0.0	138.4	335.1	459.0	502.7
107.5°	7.3	138.4	320.5	451.7	495.4
110°	7.3	131.1	306.0	444.4	488.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	7.3	123.8	291.4	429.8	473.5
115°	7.3	123.8	284.1	408.0	459.0
117.5°	7.3	116.6	269.5	393.4	444.4
120°	7.3	116.6	262.3	378.8	422.5
122.5°	7.3	109.3	247.7	364.2	408.0
125°	7.3	102.0	240.4	349.7	393.4
127.5°	7.3	94.7	233.1	335.1	378.8
130°	7.3	87.4	218.5	320.5	357.0
132.5°	7.3	87.4	211.3	298.7	342.4
135°	7.3	80.1	196.7	284.1	320.5
137.5°	7.3	72.8	182.1	269.5	306.0
140°	7.3	65.6	167.6	255.0	284.1
142.5°	7.3	65.6	153.0	233.1	262.3
145°	7.3	58.3	138.4	218.5	240.4
147.5°	7.3	51.0	123.8	196.7	218.5
150°	7.3	51.0	109.3	174.8	196.7
152.5°	7.3	43.7	94.7	160.3	182.1
155°	7.3	36.4	87.4	138.4	160.3
157.5°	7.3	36.4	72.8	116.6	138.4
160°	7.3	29.1	65.6	94.7	116.6
162.5°	7.3	29.1	58.3	80.1	102.0
165°	7.3	21.9	43.7	65.6	80.1
167.5°	7.3	21.9	36.4	51.0	65.6
170°	7.3	14.6	29.1	36.4	51.0
172.5°	7.3	14.6	21.9	21.9	21.9
175°	7.3	7.3	14.6	14.6	7.3
177.5°	7.3	7.3	7.3	7.3	7.3
180°	7.3	7.3	7.3	7.3	7.3

(END OF REPORT)