

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: P567377

Luminaire Tested: **8SNX-134SL-LW-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567377
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-LW-UNV-L950-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND LW LENS
Light Source: -
Ballast/Driver: -

Summary

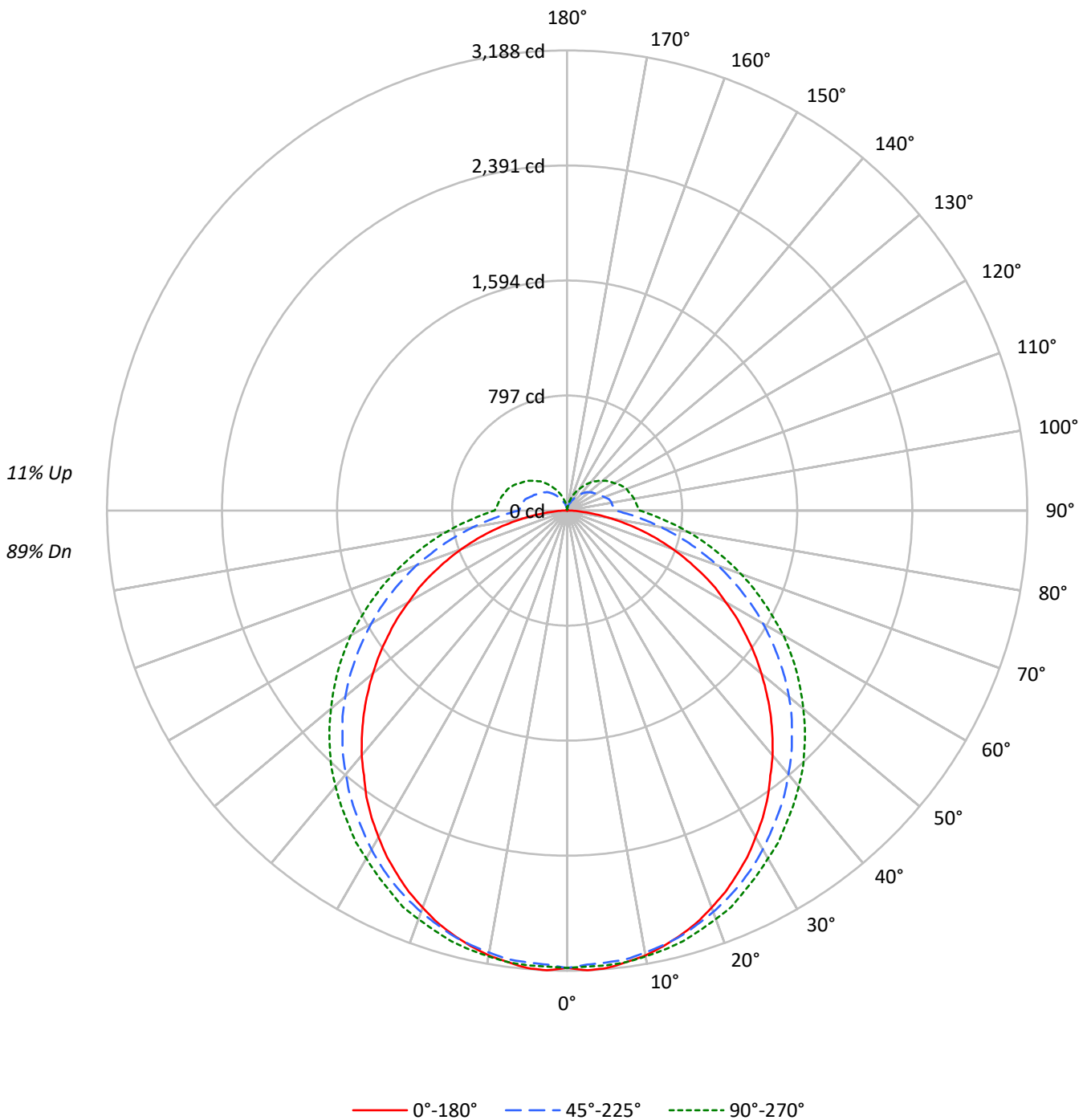
Lumens per Lamp: N/A
Luminaire Lumens: 11279.0 lumens
Efficiency: N/A
Efficacy: 117.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.17')
CIE Type: Semi-Direct

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°	17052	17052	17052
5°	17156	16283	16140
10°	17038	15652	15333
15°	16868	15039	14607
20°	16636	14401	13880
25°	16367	13788	13169
30°	16046	13155	12488
35°	15694	12520	11851
40°	15291	11898	11243
45°	14855	11275	10620
50°	14357	10632	9967
55°	13810	9913	9326
60°	13166	9161	8648
65°	12502	8350	7875
70°	11571	7482	7115
75°	10336	6468	6309
80°	8329	5443	5505
85°	5865	4491	4680



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	300.9	2.7
10°-20°	865.0	7.7
20°-30°	1315.2	11.7
30°-40°	1596.5	14.2
40°-50°	1687.1	15.0
50°-60°	1578.7	14.0
60°-70°	1295.3	11.5
70°-80°	890.9	7.9
80°-90°	487.9	4.3
90°-100°	314.2	2.8
100°-110°	281.9	2.5
110°-120°	233.4	2.1
120°-130°	179.7	1.6
130°-140°	126.3	1.1
140°-150°	76.1	0.7
150°-160°	36.4	0.3
160°-170°	12.0	0.1
170°-180°	1.4	0.0
0°-30°	2481.1	22.0
0°-40°	4077.7	36.2
0°-60°	7343.5	65.1
0°-90°	10017.7	88.8
90°-120°	829.5	7.4
90°-150°	1211.5	10.7
90°-180°	1261.0	11.2
0°-180°	11279.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3168	3168	3168	3168	3168	
5°	3181	3175	3142	3168	3162	302
15°	3044	3057	3051	3090	3090	858
25°	2783	2816	2848	2907	2907	1282
35°	2424	2482	2554	2626	2646	1514
45°	1992	2084	2202	2300	2326	1536
55°	1516	1640	1790	1901	1940	1356
65°	1026	1163	1339	1463	1502	1016
75°	536	679	875	1012	1058	564
85°	118	281	477	608	653	136
90°	0	157	333	457	503	8
95°	0	150	320	438	483	0
105°	0	124	300	412	451	4
115°	6	111	255	366	412	6
125°	6	92	216	314	353	6
135°	6	72	176	255	287	5
145°	6	52	124	196	216	4
155°	6	33	78	124	144	3
165°	6	20	39	59	72	2
175°	6	6	13	13	6	1
180°	6	6	6	6	6	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3168.3	3168.3	3168.3	3168.3	3168.3
2.5°	3187.9	3181.4	3148.7	3174.8	3161.8
5°	3181.4	3174.8	3142.2	3168.3	3161.8
7.5°	3155.2	3155.2	3135.6	3161.8	3155.2
10°	3129.1	3129.1	3109.5	3142.2	3135.6
12.5°	3089.9	3096.4	3083.4	3122.6	3116.0
15°	3044.2	3057.2	3050.7	3089.9	3089.9
17.5°	2991.9	3005.0	3005.0	3050.7	3050.7
20°	2926.6	2946.2	2959.3	3011.5	3011.5
22.5°	2861.3	2887.4	2907.0	2952.7	2972.3
25°	2782.9	2815.5	2848.2	2907.0	2907.0
27.5°	2704.5	2743.7	2782.9	2841.7	2848.2
30°	2613.0	2658.8	2711.0	2769.8	2782.9
32.5°	2521.6	2580.4	2632.6	2704.5	2724.1
35°	2423.6	2482.4	2554.2	2626.1	2645.7
37.5°	2312.5	2384.4	2475.8	2554.2	2573.8
40°	2214.5	2292.9	2384.4	2475.8	2495.4
42.5°	2103.5	2188.4	2299.5	2384.4	2417.1
45°	1992.4	2083.9	2201.5	2299.5	2325.6
47.5°	1874.8	1979.4	2110.0	2201.5	2234.1
50°	1757.3	1868.3	2005.5	2110.0	2136.2
52.5°	1639.7	1757.3	1901.0	2005.5	2038.2
55°	1515.6	1639.7	1789.9	1901.0	1940.2
57.5°	1398.0	1522.1	1678.9	1796.5	1835.7
60°	1267.3	1411.0	1567.8	1685.4	1731.1
62.5°	1156.3	1286.9	1456.8	1574.3	1613.5
65°	1025.6	1162.8	1339.2	1463.3	1502.5
67.5°	901.5	1045.2	1221.6	1352.2	1391.4
70°	777.4	921.1	1110.5	1234.7	1280.4
72.5°	653.3	803.5	986.4	1123.6	1169.3
75°	535.7	679.4	875.4	1012.5	1058.3
77.5°	411.6	568.3	764.3	901.5	953.8
80°	300.5	463.8	659.8	797.0	849.2
82.5°	202.5	365.8	561.8	699.0	751.2
85°	117.6	280.9	476.9	607.5	653.3
87.5°	58.8	215.6	398.5	529.1	574.9
90°	0.0	156.8	333.2	457.3	503.0
92.5°	0.0	150.2	326.6	444.2	489.9
95°	0.0	150.2	320.1	437.7	483.4
97.5°	0.0	143.7	313.6	437.7	476.9
100°	0.0	137.2	313.6	431.1	470.3
102.5°	0.0	130.7	307.0	424.6	463.8
105°	0.0	124.1	300.5	411.6	450.7
107.5°	6.5	124.1	287.4	405.0	444.2
110°	6.5	117.6	274.4	398.5	437.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	6.5	111.1	261.3	385.4	424.6
115°	6.5	111.1	254.8	365.8	411.6
117.5°	6.5	104.5	241.7	352.8	398.5
120°	6.5	104.5	235.2	339.7	378.9
122.5°	6.5	98.0	222.1	326.6	365.8
125°	6.5	91.5	215.6	313.6	352.8
127.5°	6.5	84.9	209.0	300.5	339.7
130°	6.5	78.4	196.0	287.4	320.1
132.5°	6.5	78.4	189.4	267.8	307.0
135°	6.5	71.9	176.4	254.8	287.4
137.5°	6.5	65.3	163.3	241.7	274.4
140°	6.5	58.8	150.2	228.6	254.8
142.5°	6.5	58.8	137.2	209.0	235.2
145°	6.5	52.3	124.1	196.0	215.6
147.5°	6.5	45.7	111.1	176.4	196.0
150°	6.5	45.7	98.0	156.8	176.4
152.5°	6.5	39.2	84.9	143.7	163.3
155°	6.5	32.7	78.4	124.1	143.7
157.5°	6.5	32.7	65.3	104.5	124.1
160°	6.5	26.1	58.8	84.9	104.5
162.5°	6.5	26.1	52.3	71.9	91.5
165°	6.5	19.6	39.2	58.8	71.9
167.5°	6.5	19.6	32.7	45.7	58.8
170°	6.5	13.1	26.1	32.7	45.7
172.5°	6.5	13.1	19.6	19.6	19.6
175°	6.5	6.5	13.1	13.1	6.5
177.5°	6.5	6.5	6.5	6.5	6.5
180°	6.5	6.5	6.5	6.5	6.5

(END OF REPORT)