

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: P567383

Luminaire Tested: **8SNX-134SL-SLW-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567383
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-L935-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

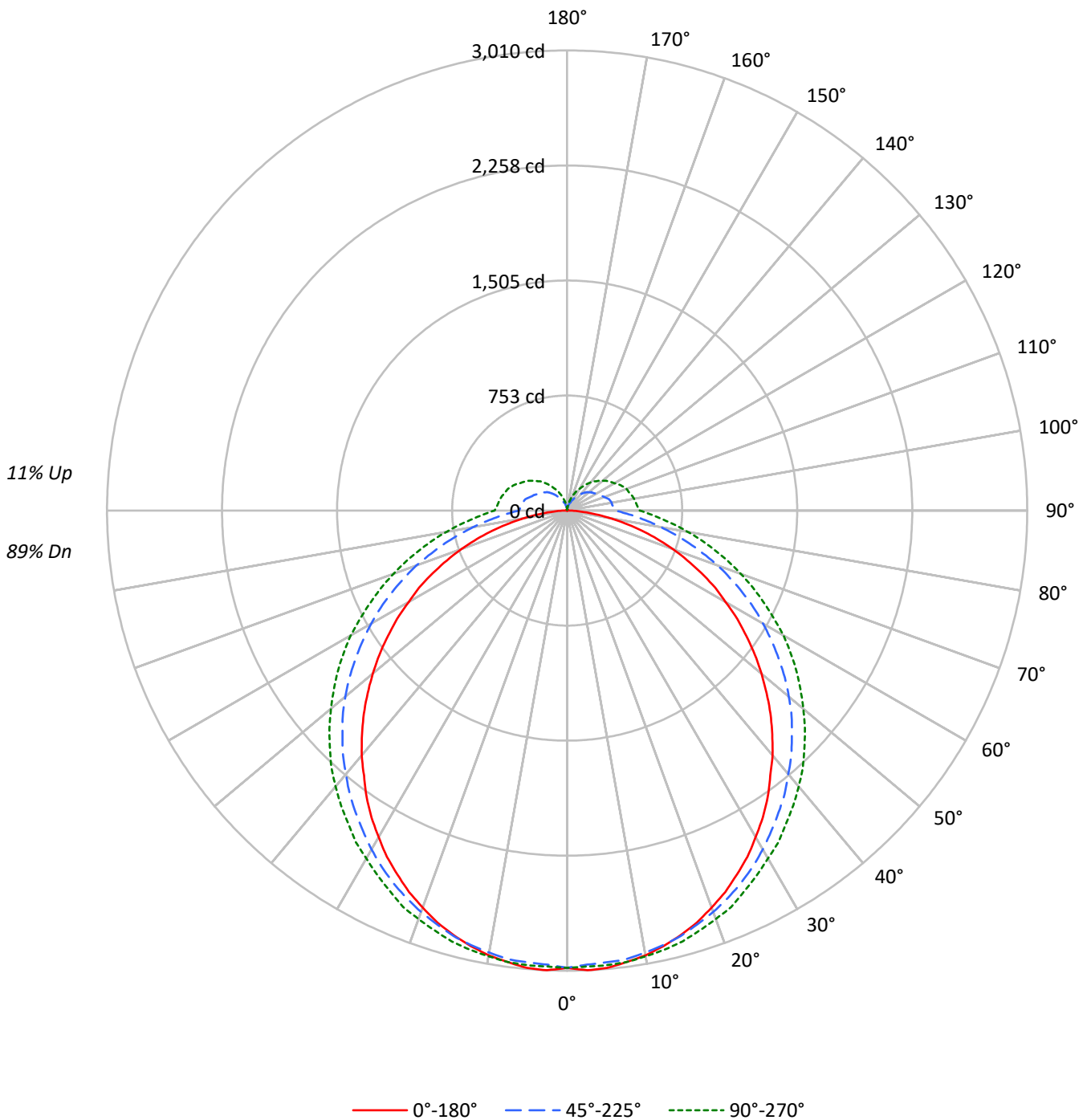
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10648.0 lumens
Efficiency: N/A
Efficacy: 111.1 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 (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

TEST NUMBER: P567383
CATALOG NUMBER: 8SNX-134SL-SLW-UNV-L935-CD

Luminous Intensity Polar Plot





TEST NUMBER: P567383

CATALOG NUMBER: 8SNX-134SL-SLW-UNV-L935-CD

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°	16097	16097	16097
5°	16211	15694	15671
10°	16114	15386	15283
15°	15968	15069	14925
20°	15765	14705	14527
25°	15526	14348	14112
30°	15239	13955	13701
35°	14924	13546	13315
40°	14562	13145	12945
45°	14170	12735	12545
50°	13721	12303	12098
55°	13229	11782	11658
60°	12651	11225	11169
65°	12061	10598	10551
70°	11228	9907	9948
75°	10124	9028	9279
80°	8304	8136	8619
85°	6128	7380	7942



TEST NUMBER: P567383

CATALOG NUMBER: 8SNX-134SL-SLW-UNV-L935-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	284.1	2.7
10°-20°	816.6	7.7
20°-30°	1241.6	11.7
30°-40°	1507.2	14.2
40°-50°	1592.7	15.0
50°-60°	1490.4	14.0
60°-70°	1222.9	11.5
70°-80°	841.1	7.9
80°-90°	460.6	4.3
90°-100°	296.6	2.8
100°-110°	266.2	2.5
110°-120°	220.3	2.1
120°-130°	169.6	1.6
130°-140°	119.2	1.1
140°-150°	71.8	0.7
150°-160°	34.4	0.3
160°-170°	11.3	0.1
170°-180°	1.3	0.0
0°-30°	2342.3	22.0
0°-40°	3849.6	36.2
0°-60°	6932.6	65.1
0°-90°	9457.2	88.8
90°-120°	783.1	7.4
90°-150°	1143.8	10.7
90°-180°	1191.0	11.2
0°-180°	10648.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2991	2991	2991	2991	2991	
5°	3003	2997	2966	2991	2985	285
15°	2874	2886	2880	2917	2917	810
25°	2627	2658	2689	2744	2744	1211
35°	2288	2344	2411	2479	2498	1429
45°	1881	1967	2078	2171	2196	1450
55°	1431	1548	1690	1795	1832	1280
65°	968	1098	1264	1381	1418	959
75°	506	641	826	956	999	532
85°	111	265	450	574	617	128
90°	0	148	314	432	475	8
95°	0	142	302	413	456	0
105°	0	117	284	388	426	4
115°	6	105	240	345	388	6
125°	6	86	204	296	333	6
135°	6	68	166	240	271	5
145°	6	49	117	185	204	4
155°	6	31	74	117	136	3
165°	6	18	37	56	68	2
175°	6	6	12	12	6	1
180°	6	6	6	6	6	



TEST NUMBER: P567383

CATALOG NUMBER: 8SNX-134SL-SLW-UNV-L935-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2991.0	2991.0	2991.0	2991.0	2991.0
2.5°	3009.5	3003.4	2972.5	2997.2	2984.9
5°	3003.4	2997.2	2966.4	2991.0	2984.9
7.5°	2978.7	2978.7	2960.2	2984.9	2978.7
10°	2954.0	2954.0	2935.5	2966.4	2960.2
12.5°	2917.0	2923.2	2910.9	2947.9	2941.7
15°	2873.9	2886.2	2880.0	2917.0	2917.0
17.5°	2824.5	2836.9	2836.9	2880.0	2880.0
20°	2762.9	2781.4	2793.7	2843.0	2843.0
22.5°	2701.2	2725.9	2744.4	2787.5	2806.0
25°	2627.2	2658.0	2688.9	2744.4	2744.4
27.5°	2553.2	2590.2	2627.2	2682.7	2688.9
30°	2466.8	2510.0	2559.4	2614.9	2627.2
32.5°	2380.5	2436.0	2485.3	2553.2	2571.7
35°	2288.0	2343.5	2411.3	2479.2	2497.7
37.5°	2183.2	2251.0	2337.3	2411.3	2429.8
40°	2090.7	2164.7	2251.0	2337.3	2355.8
42.5°	1985.8	2066.0	2170.8	2251.0	2281.8
45°	1881.0	1967.3	2078.3	2170.8	2195.5
47.5°	1770.0	1868.6	1992.0	2078.3	2109.2
50°	1659.0	1763.8	1893.3	1992.0	2016.6
52.5°	1547.9	1659.0	1794.6	1893.3	1924.1
55°	1430.8	1547.9	1689.8	1794.6	1831.6
57.5°	1319.8	1436.9	1584.9	1696.0	1733.0
60°	1196.4	1332.1	1480.1	1591.1	1634.3
62.5°	1091.6	1214.9	1375.3	1486.3	1523.3
65°	968.2	1097.7	1264.3	1381.4	1418.4
67.5°	851.1	986.7	1153.2	1276.6	1313.6
70°	733.9	869.6	1048.4	1165.6	1208.8
72.5°	616.7	758.6	931.2	1060.7	1103.9
75°	505.7	641.4	826.4	955.9	999.1
77.5°	388.5	536.5	721.6	851.1	900.4
80°	283.7	437.9	622.9	752.4	801.7
82.5°	191.2	345.4	530.4	659.9	709.2
85°	111.0	265.2	450.2	573.5	616.7
87.5°	55.5	203.5	376.2	499.5	542.7
90°	0.0	148.0	314.5	431.7	474.9
92.5°	0.0	141.8	308.4	419.4	462.5
95°	0.0	141.8	302.2	413.2	456.4
97.5°	0.0	135.7	296.0	413.2	450.2
100°	0.0	129.5	296.0	407.0	444.0
102.5°	0.0	123.3	289.9	400.9	437.9
105°	0.0	117.2	283.7	388.5	425.5
107.5°	6.2	117.2	271.4	382.4	419.4
110°	6.2	111.0	259.0	376.2	413.2



TEST NUMBER: P567383

CATALOG NUMBER: 8SNX-134SL-SLW-UNV-L935-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	6.2	104.8	246.7	363.9	400.9
115°	6.2	104.8	240.5	345.4	388.5
117.5°	6.2	98.7	228.2	333.0	376.2
120°	6.2	98.7	222.0	320.7	357.7
122.5°	6.2	92.5	209.7	308.4	345.4
125°	6.2	86.3	203.5	296.0	333.0
127.5°	6.2	80.2	197.3	283.7	320.7
130°	6.2	74.0	185.0	271.4	302.2
132.5°	6.2	74.0	178.8	252.9	289.9
135°	6.2	67.8	166.5	240.5	271.4
137.5°	6.2	61.7	154.2	228.2	259.0
140°	6.2	55.5	141.8	215.8	240.5
142.5°	6.2	55.5	129.5	197.3	222.0
145°	6.2	49.3	117.2	185.0	203.5
147.5°	6.2	43.2	104.8	166.5	185.0
150°	6.2	43.2	92.5	148.0	166.5
152.5°	6.2	37.0	80.2	135.7	154.2
155°	6.2	30.8	74.0	117.2	135.7
157.5°	6.2	30.8	61.7	98.7	117.2
160°	6.2	24.7	55.5	80.2	98.7
162.5°	6.2	24.7	49.3	67.8	86.3
165°	6.2	18.5	37.0	55.5	67.8
167.5°	6.2	18.5	30.8	43.2	55.5
170°	6.2	12.3	24.7	30.8	43.2
172.5°	6.2	12.3	18.5	18.5	18.5
175°	6.2	6.2	12.3	12.3	6.2
177.5°	6.2	6.2	6.2	6.2	6.2
180°	6.2	6.2	6.2	6.2	6.2

(END OF REPORT)