

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: P567887

Luminaire Tested: **8SNX-62SL-LC-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567887
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2205-663-1)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNX-62SL-LC-UNV-L935-CD
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

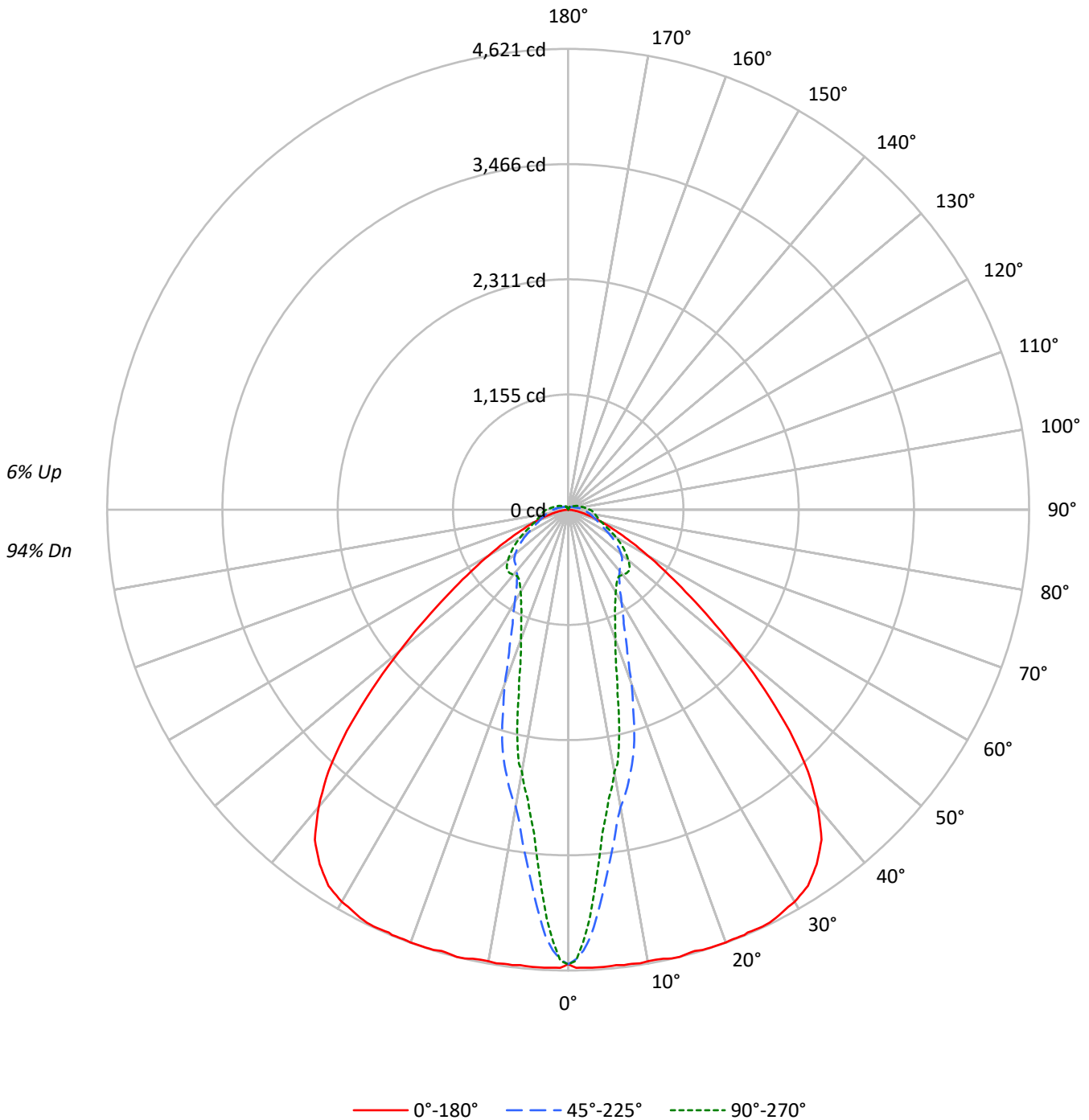
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5618.0 lumens
Efficiency: N/A
Efficacy: 144.1 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 8' x H: 0.17')
CIE Type: Direct

Input Watts (W): 39
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: P567887
CATALOG NUMBER: 8SNX-62SL-LC-UNV-L935-CD

Luminous Intensity Polar Plot





TEST NUMBER: P567887

CATALOG NUMBER: 8SNX-62SL-LC-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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	108	103	99	96	105	101	97	94	95	92	90	90	88	86	86	84	82	80
2	99	92	86	80	96	89	84	79	85	80	76	81	77	74	77	74	71	69
3	92	82	75	69	89	80	73	68	76	71	66	73	68	64	70	66	62	60
4	85	74	66	60	82	72	65	59	69	63	58	66	61	56	63	59	55	53
5	79	67	59	53	76	66	58	52	63	56	51	60	55	50	58	53	49	47
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	53	48	44	42
7	69	56	48	43	67	55	48	42	53	46	42	51	45	41	50	44	40	38
8	64	52	44	39	63	51	44	39	49	43	38	48	42	37	46	41	37	35
9	61	48	41	36	59	47	40	35	46	39	35	44	39	34	43	38	34	32
10	57	45	38	33	56	44	37	33	43	37	32	42	36	32	40	35	31	30

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	24529	24529	24529
5°	24795	20171	18033
10°	25035	15245	13051
15°	25540	12475	9037
20°	26250	9037	6383
25°	27126	6481	5021
30°	27881	5183	4276
35°	28116	4389	3830
40°	26877	3994	3839
45°	23398	3863	3944
50°	18018	3679	3681
55°	13117	3221	3266
60°	9571	2692	2762
65°	7019	2279	2264
70°	5227	2017	1952
75°	3778	1872	1819
80°	2553	1758	1792
85°	1292	1681	1794



TEST NUMBER: P567887

CATALOG NUMBER: 8SNX-62SL-LC-UNV-L935-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	358.4	6.4
10°-20°	778.3	13.9
20°-30°	890.9	15.9
30°-40°	892.5	15.9
40°-50°	844.9	15.0
50°-60°	648.0	11.5
60°-70°	417.6	7.4
70°-80°	266.3	4.7
80°-90°	176.9	3.1
90°-100°	118.9	2.1
100°-110°	78.3	1.4
110°-120°	54.5	1.0
120°-130°	38.0	0.7
130°-140°	26.4	0.5
140°-150°	16.1	0.3
150°-160°	8.2	0.1
160°-170°	3.2	0.1
170°-180°	0.6	0.0
0°-30°	2027.6	36.1
0°-40°	2920.1	52.0
0°-60°	4413.0	78.6
0°-90°	5273.8	93.9
90°-120°	251.7	4.5
90°-150°	332.3	5.9
90°-180°	344.0	6.1
0°-180°	5618.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4558	4558	4558	4558	4558	
5°	4598	4344	3892	3630	3533	439
15°	4609	3320	2531	2079	1912	1307
25°	4612	2349	1339	1163	1108	2126
35°	4342	1307	895	867	855	2694
45°	3138	826	754	835	864	2386
55°	1440	590	582	654	680	1324
65°	576	371	366	418	432	592
75°	196	202	253	291	305	215
85°	26	92	178	233	250	36
90°	0	63	150	207	216	1
95°	0	46	124	170	178	0
105°	0	34	81	115	124	2
115°	3	29	60	84	89	3
125°	3	26	52	60	63	3
135°	3	20	40	49	52	2
145°	3	14	29	37	40	2
155°	3	9	17	26	29	1
165°	6	6	12	14	17	1
175°	6	6	6	6	3	1
180°	6	6	6	6	6	



TEST NUMBER: P567887

CATALOG NUMBER: 8SNX-62SL-LC-UNV-L935-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4557.6	4557.6	4557.6	4557.6	4557.6
1°	4595.0	4569.1	4508.6	4525.9	4523.0
2°	4595.0	4540.3	4422.3	4387.7	4335.9
3°	4597.9	4491.4	4289.8	4177.6	4105.6
4°	4597.9	4419.4	4094.1	3906.9	3814.8
5°	4597.9	4344.5	3892.5	3630.5	3532.6
6°	4592.1	4255.3	3688.1	3411.7	3264.9
7°	4600.8	4157.4	3503.8	3207.3	3092.1
8°	4597.9	4042.2	3334.0	3051.8	2925.2
9°	4606.5	3930.0	3149.7	2905.0	2810.0
10°	4597.9	3826.3	3028.8	2766.8	2668.9
11°	4597.9	3725.5	2942.4	2677.6	2594.1
12°	4603.7	3610.4	2847.4	2550.9	2435.7
13°	4618.1	3492.3	2738.0	2412.7	2277.4
14°	4620.9	3403.1	2637.2	2237.1	2096.0
15°	4609.4	3319.6	2530.7	2078.7	1911.7
16°	4603.7	3233.2	2404.0	1929.0	1779.3
17°	4615.2	3132.4	2260.1	1776.4	1638.2
18°	4618.1	3040.3	2107.5	1661.2	1540.3
19°	4618.1	2968.3	1983.7	1554.7	1451.1
20°	4618.1	2899.2	1857.0	1474.1	1384.8
21°	4612.3	2812.9	1713.1	1390.6	1315.7
22.5°	4615.2	2651.6	1548.9	1292.7	1232.2
23°	4606.5	2611.3	1508.6	1266.8	1203.5
24°	4609.4	2496.2	1422.3	1215.0	1154.5
25°	4612.3	2349.3	1338.8	1163.2	1108.4
26°	4606.5	2231.3	1269.7	1114.2	1076.8
27°	4592.1	2136.3	1220.7	1073.9	1039.4
28°	4572.0	2009.6	1168.9	1039.4	1007.7
29°	4551.8	1865.6	1117.1	1001.9	978.9
30°	4540.3	1750.5	1068.1	973.1	953.0
32.5°	4471.2	1523.0	967.4	915.5	898.3
35°	4341.7	1307.1	895.4	866.6	855.1
37.5°	4171.8	1140.1	840.7	834.9	837.8
40°	3892.5	1007.7	800.4	826.3	852.2
42.5°	3558.6	904.0	771.6	834.9	863.7
45°	3138.2	826.3	754.3	834.9	863.7
47.5°	2671.8	763.0	734.2	806.1	834.9
50°	2205.4	705.4	693.9	763.0	788.9
52.5°	1793.7	650.7	642.0	708.3	734.2
55°	1439.5	590.2	581.6	653.6	679.5
57.5°	1154.5	532.6	524.0	590.2	616.1
60°	921.3	475.0	460.7	526.9	552.8
62.5°	734.2	420.3	411.7	469.3	492.3
65°	575.8	371.4	365.6	417.5	431.9



TEST NUMBER: P567887

CATALOG NUMBER: 8SNX-62SL-LC-UNV-L935-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	454.9	325.3	328.2	371.4	388.7
70°	351.2	282.2	299.4	339.7	351.2
72.5°	264.9	239.0	276.4	310.9	325.3
75°	195.8	201.5	253.4	290.8	305.2
77.5°	135.3	167.0	233.2	273.5	287.9
80°	92.1	135.3	213.1	259.1	276.4
82.5°	54.7	112.3	195.8	244.7	264.9
85°	25.9	92.1	178.5	233.2	250.5
87.5°	8.6	74.9	161.2	221.7	236.1
90°	0.0	63.3	149.7	207.3	215.9
92.5°	0.0	54.7	135.3	190.0	195.8
95°	0.0	46.1	123.8	169.9	178.5
97.5°	0.0	43.2	115.2	152.6	164.1
100°	0.0	40.3	103.6	138.2	149.7
102.5°	0.0	34.5	92.1	123.8	135.3
105°	0.0	34.5	80.6	115.2	123.8
107.5°	2.9	31.7	74.9	103.6	115.2
110°	2.9	31.7	66.2	97.9	106.5
112.5°	2.9	31.7	63.3	89.3	100.8
115°	2.9	28.8	60.5	83.5	89.3
117.5°	2.9	28.8	57.6	74.9	80.6
120°	2.9	25.9	54.7	69.1	72.0
122.5°	2.9	25.9	51.8	63.3	66.2
125°	2.9	25.9	51.8	60.5	63.3
127.5°	2.9	23.0	48.9	57.6	57.6
130°	2.9	23.0	46.1	54.7	54.7
132.5°	2.9	20.2	43.2	51.8	54.7
135°	2.9	20.2	40.3	48.9	51.8
137.5°	2.9	17.3	37.4	46.1	48.9
140°	2.9	17.3	34.5	43.2	46.1
142.5°	2.9	14.4	31.7	40.3	43.2
145°	2.9	14.4	28.8	37.4	40.3
147.5°	2.9	14.4	25.9	34.5	37.4
150°	2.9	11.5	23.0	31.7	34.5
152.5°	2.9	11.5	20.2	28.8	31.7
155°	2.9	8.6	17.3	25.9	28.8
157.5°	2.9	8.6	17.3	23.0	25.9
160°	5.8	8.6	14.4	20.2	23.0
162.5°	2.9	5.8	14.4	17.3	20.2
165°	5.8	5.8	11.5	14.4	17.3
167.5°	5.8	5.8	8.6	11.5	14.4
170°	5.8	5.8	8.6	8.6	11.5
172.5°	5.8	5.8	5.8	8.6	5.8
175°	5.8	5.8	5.8	5.8	2.9
177.5°	5.8	5.8	5.8	5.8	2.9



TEST NUMBER: P567887

CATALOG NUMBER: 8SNX-62SL-LC-UNV-L935-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	5.8	5.8	5.8	5.8	5.8

(END OF REPORT)