

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: P566635

Luminaire Tested: **4SNX-60SL-LN-UNV-L935-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566635  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNX-60SL-LN-UNV-L935-CD  
Description: 4FT 6000 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LN LENS  
Light Source: -  
Ballast/Driver: -

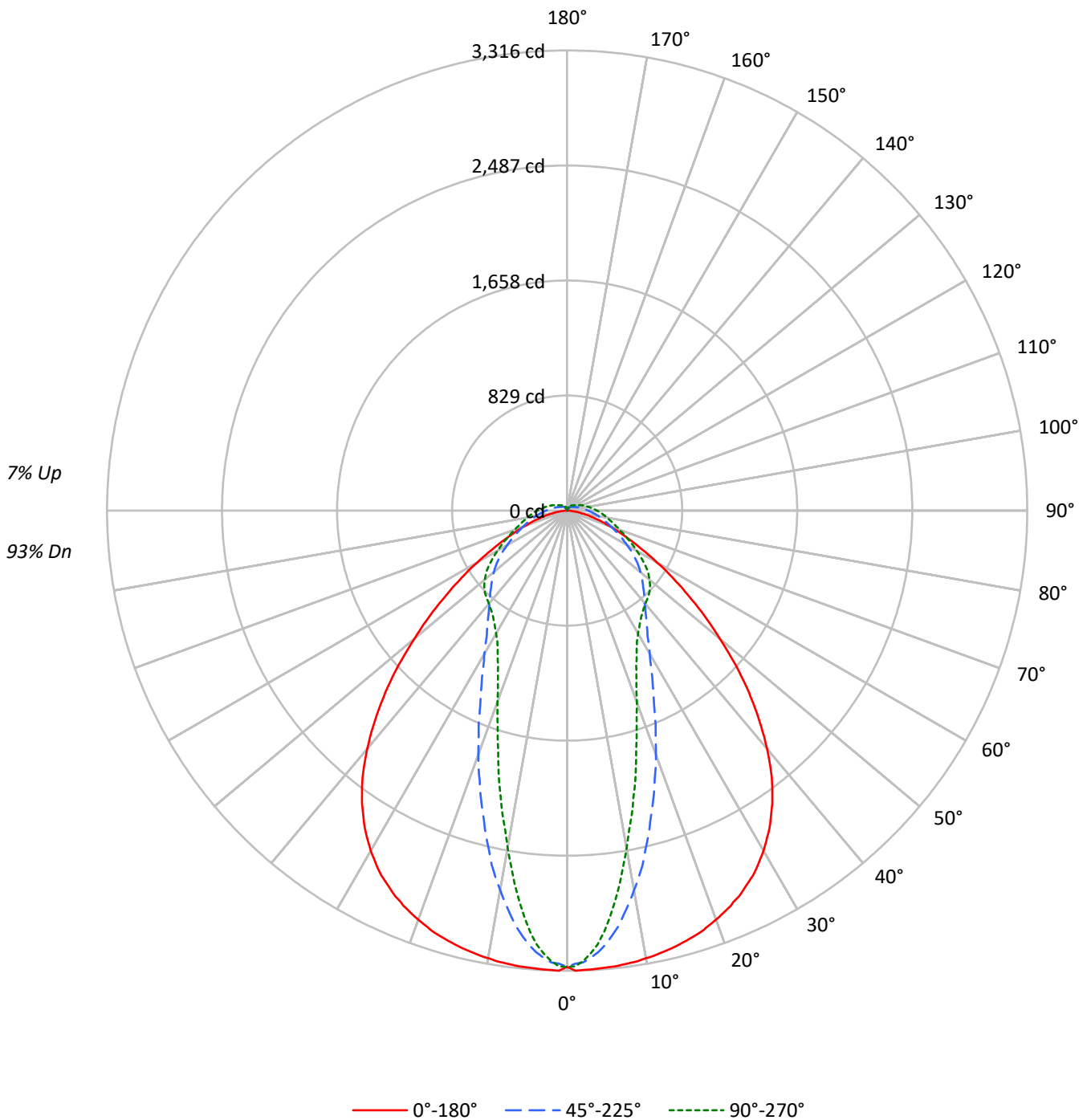
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5242.0 lumens  
Efficiency: N/A  
Efficacy: 124.8 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 0.56 / 0.78  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')  
CIE Type: Direct

Input Watts (W): 42  
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: P566635  
CATALOG NUMBER: 4SNX-60SL-LN-UNV-L935-CD

### Luminous Intensity Polar Plot





TEST NUMBER: P566635

CATALOG NUMBER: 4SNX-60SL-LN-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	50	30	10	0	
RCR																						
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93				
1	107	103	99	95	104	100	96	93	94	91	88	89	87	85	85	83	81	78				
2	99	91	84	79	95	88	82	77	84	79	75	79	75	72	76	72	69	67				
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	68	64	60	58				
4	84	73	64	58	81	71	63	57	67	61	56	64	59	54	62	57	53	51				
5	78	66	57	51	75	64	56	51	61	55	49	59	53	48	56	51	47	45				
6	72	60	51	45	70	59	51	45	56	49	44	54	48	43	52	46	42	40				
7	67	55	47	41	65	54	46	41	52	45	40	50	44	39	48	42	38	36				
8	63	51	43	37	61	50	42	37	48	41	36	46	40	36	44	39	35	33				
9	59	47	39	34	58	46	39	34	44	38	33	43	37	33	41	36	32	30				
10	56	44	36	31	54	43	36	31	41	35	31	40	34	30	39	34	30	28				

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	35397	35397	35397
5°	35580	32533	31134
10°	35531	27894	24155
15°	35514	22754	18104
20°	35401	18126	13549
25°	35079	14204	10753
30°	34344	11495	9172
35°	32901	9728	8343
40°	30436	8588	7897
45°	27058	7857	7653
50°	22922	7231	7229
55°	18832	6552	6602
60°	15059	5764	5792
65°	11690	5060	5040
70°	9076	4475	4458
75°	7022	4022	4062
80°	4959	3680	3776
85°	2761	3430	3620



TEST NUMBER: P566635

CATALOG NUMBER: 4SNX-60SL-LN-UNV-L935-CD

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	291.2	5.6
10°-20°	682.6	13.0
20°-30°	810.3	15.5
30°-40°	815.2	15.6
40°-50°	757.8	14.5
50°-60°	624.0	11.9
60°-70°	439.7	8.4
70°-80°	287.2	5.5
80°-90°	183.4	3.5
90°-100°	120.3	2.3
100°-110°	81.7	1.6
110°-120°	56.0	1.1
120°-130°	38.7	0.7
130°-140°	26.1	0.5
140°-150°	16.1	0.3
150°-160°	8.3	0.2
160°-170°	3.0	0.1
170°-180°	0.5	0.0
0°-30°	1784.1	34.0
0°-40°	2599.3	49.6
0°-60°	3981.1	75.9
0°-90°	4891.4	93.3
90°-120°	257.9	4.9
90°-150°	338.7	6.5
90°-180°	351.0	6.7
0°-180°	5242.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	3288	3288	3288	3288	3288	
5°	3305	3261	3143	3082	3050	315
15°	3222	2879	2316	2025	1915	910
25°	3011	2225	1475	1239	1187	1386
35°	2577	1506	1000	937	931	1603
45°	1852	992	775	816	838	1421
55°	1063	651	599	665	687	960
65°	500	393	412	464	481	507
75°	195	203	278	327	341	211
85°	33	93	187	242	253	41
90°	0	63	151	206	214	2
95°	0	47	126	173	181	0
105°	0	33	85	121	132	0
115°	3	28	60	88	93	2
125°	3	22	50	63	69	2
135°	3	19	38	50	52	2
145°	3	14	28	38	41	2
155°	3	11	19	28	30	1
165°	3	6	11	14	16	1
175°	6	6	6	6	3	0
180°	3	3	3	3	3	



TEST NUMBER: P566635

CATALOG NUMBER: 4SNX-60SL-LN-UNV-L935-CD

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	3288.5	3288.5	3288.5	3288.5	3288.5
1°	3315.9	3302.2	3266.5	3291.2	3285.7
2°	3313.2	3299.5	3258.2	3269.2	3250.0
3°	3310.4	3291.2	3228.0	3225.3	3197.8
4°	3307.7	3277.5	3189.6	3156.6	3134.6
5°	3304.9	3261.0	3142.9	3082.4	3049.5
6°	3302.2	3241.8	3082.4	2991.8	2945.1
7°	3296.7	3211.5	3019.2	2895.6	2835.2
8°	3291.2	3184.1	2939.6	2791.2	2717.0
9°	3285.7	3148.4	2859.9	2678.6	2590.7
10°	3274.7	3112.6	2777.5	2563.2	2469.8
11°	3269.2	3071.4	2697.8	2453.3	2343.4
12°	3258.2	3027.5	2612.6	2337.9	2241.8
13°	3247.3	2980.8	2508.2	2239.0	2123.6
14°	3236.3	2931.3	2417.6	2129.1	2022.0
15°	3222.5	2879.1	2315.9	2024.7	1914.8
16°	3208.8	2818.7	2225.3	1917.6	1802.2
17°	3195.1	2761.0	2140.1	1818.7	1714.3
18°	3178.6	2703.3	2041.2	1722.5	1620.9
19°	3156.6	2637.4	1961.5	1634.6	1541.2
20°	3137.4	2576.9	1870.9	1552.2	1469.8
21°	3115.4	2502.7	1780.2	1475.3	1392.9
22.5°	3082.4	2398.4	1664.8	1379.1	1302.2
23°	3065.9	2368.1	1618.1	1343.4	1277.5
24°	3044.0	2288.5	1541.2	1288.5	1222.5
25°	3011.0	2225.3	1475.3	1239.0	1186.8
26°	2980.8	2148.4	1409.3	1195.1	1142.9
27°	2950.6	2074.2	1351.6	1148.4	1104.4
28°	2912.1	1997.3	1288.5	1109.9	1071.4
29°	2870.9	1925.8	1236.3	1076.9	1046.7
30°	2829.7	1846.2	1192.3	1046.7	1022.0
32.5°	2714.3	1670.3	1079.7	989.0	972.5
35°	2576.9	1505.5	1000.0	936.8	931.3
37.5°	2423.1	1354.4	928.6	895.6	901.1
40°	2241.8	1217.0	868.1	865.4	876.4
42.5°	2049.5	1098.9	821.4	840.7	857.1
45°	1851.6	991.8	774.7	815.9	837.9
47.5°	1645.6	898.4	733.5	785.7	810.4
50°	1436.8	807.7	689.6	750.0	774.7
52.5°	1250.0	728.0	645.6	708.8	736.3
55°	1063.2	651.1	598.9	664.8	686.8
57.5°	901.1	579.7	549.5	615.4	631.9
60°	750.0	511.0	500.0	560.4	579.7
62.5°	612.6	450.5	453.3	511.0	530.2
65°	500.0	392.9	412.1	464.3	480.8



TEST NUMBER: P566635

CATALOG NUMBER: 4SNX-60SL-LN-UNV-L935-CD

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	406.6	337.9	370.9	425.8	439.6
70°	321.4	288.5	337.9	387.4	401.1
72.5°	255.5	244.5	304.9	357.1	368.1
75°	195.1	203.3	277.5	326.9	340.7
77.5°	140.1	170.3	250.0	302.2	313.2
80°	98.9	140.1	228.0	280.2	291.2
82.5°	63.2	115.4	206.0	261.0	272.0
85°	33.0	93.4	186.8	241.8	252.7
87.5°	13.7	76.9	167.6	222.5	233.5
90°	0.0	63.2	151.1	206.0	214.3
92.5°	0.0	54.9	137.4	189.6	197.8
95°	0.0	46.7	126.4	173.1	181.3
97.5°	0.0	44.0	112.6	159.3	167.6
100°	0.0	38.5	101.6	145.6	156.6
102.5°	0.0	35.7	93.4	131.9	142.9
105°	0.0	33.0	85.2	120.9	131.9
107.5°	0.0	30.2	79.7	112.6	120.9
110°	0.0	30.2	71.4	104.4	112.6
112.5°	2.7	27.5	65.9	93.4	101.6
115°	2.7	27.5	60.4	87.9	93.4
117.5°	2.7	27.5	57.7	79.7	85.2
120°	2.7	24.7	54.9	74.2	79.7
122.5°	2.7	24.7	52.2	68.7	71.4
125°	2.7	22.0	49.5	63.2	68.7
127.5°	2.7	22.0	46.7	60.4	63.2
130°	2.7	22.0	44.0	54.9	60.4
132.5°	2.7	19.2	41.2	52.2	54.9
135°	2.7	19.2	38.5	49.5	52.2
137.5°	2.7	16.5	35.7	46.7	49.5
140°	2.7	16.5	33.0	44.0	46.7
142.5°	2.7	13.7	30.2	41.2	44.0
145°	2.7	13.7	27.5	38.5	41.2
147.5°	2.7	13.7	24.7	35.7	38.5
150°	2.7	11.0	22.0	33.0	35.7
152.5°	2.7	11.0	19.2	30.2	33.0
155°	2.7	11.0	19.2	27.5	30.2
157.5°	2.7	8.2	16.5	22.0	27.5
160°	2.7	8.2	13.7	19.2	24.7
162.5°	2.7	8.2	13.7	16.5	19.2
165°	2.7	5.5	11.0	13.7	16.5
167.5°	2.7	5.5	8.2	11.0	13.7
170°	2.7	5.5	8.2	8.2	11.0
172.5°	2.7	5.5	5.5	5.5	5.5
175°	5.5	5.5	5.5	5.5	2.7
177.5°	5.5	5.5	5.5	2.7	2.7



TEST NUMBER: P566635

CATALOG NUMBER: 4SNX-60SL-LN-UNV-L935-CD

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	2.7	2.7	2.7	2.7	2.7

(END OF REPORT)