

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: P566195

Luminaire Tested: **4SNX-26SL-LC-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566195
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: 4SNX-26SL-LC-UNV-L935-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

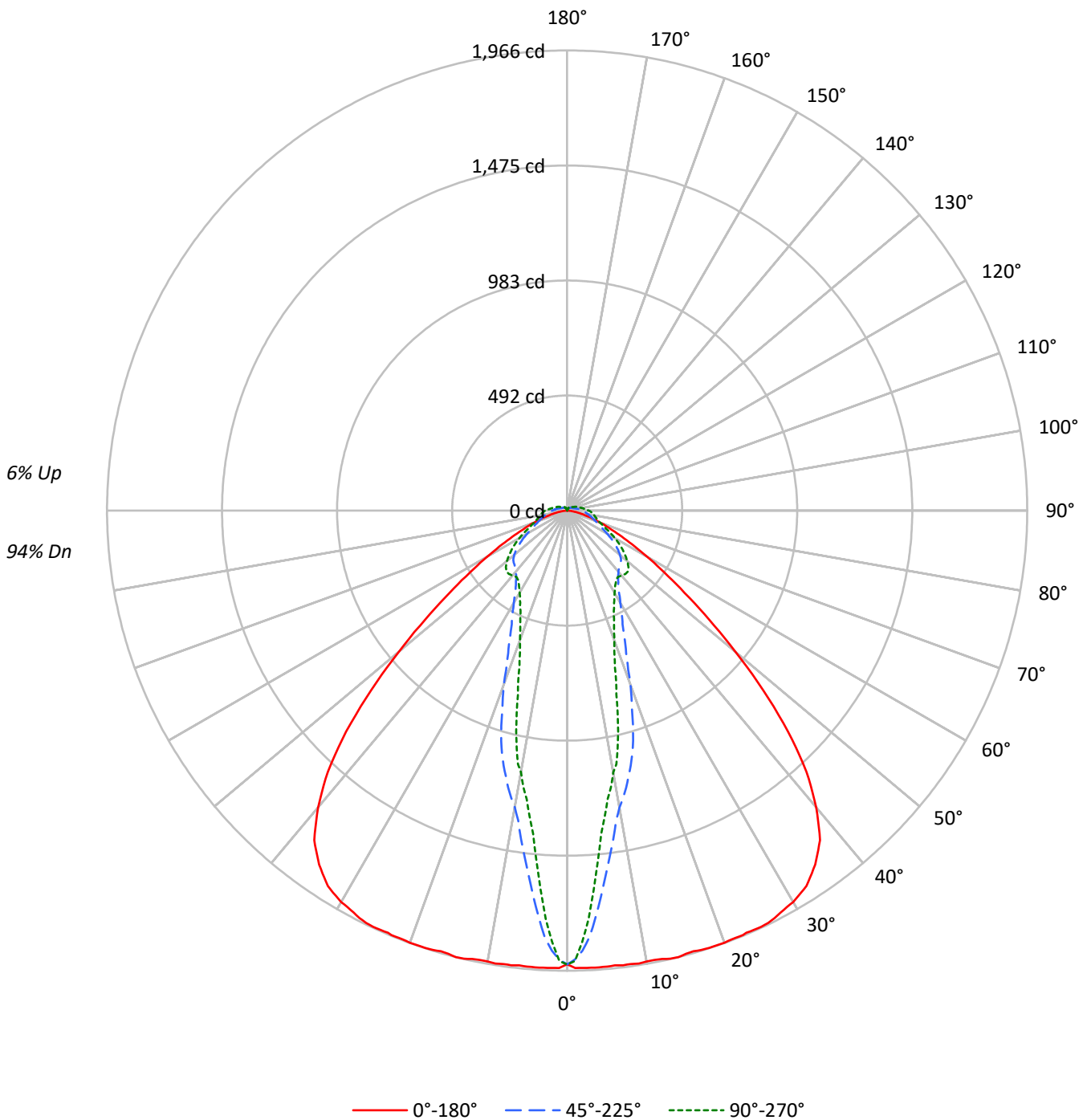
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2389.9 lumens
Efficiency: N/A
Efficacy: 145.7 lumens/watt
Spacing Criteria (0/90/45): 1.45 / 0.43 / 0.61
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.17')
CIE Type: Direct

Input Watts (W): 16.4
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

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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	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°	20870	20870	20870
5°	21058	17142	15343
10°	21223	12940	11105
15°	21610	10578	7689
20°	22168	7654	5430
25°	22860	5483	4273
30°	23443	4381	3638
35°	23582	3706	3259
40°	22483	3369	3266
45°	19509	3255	3356
50°	14968	3096	3132
55°	10847	2707	2779
60°	7869	2259	2350
65°	5728	1911	1926
70°	4219	1687	1660
75°	2998	1562	1548
80°	1965	1462	1525
85°	920	1394	1527



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.5	6.4
10°-20°	331.1	13.9
20°-30°	379.0	15.9
30°-40°	379.7	15.9
40°-50°	359.4	15.0
50°-60°	275.6	11.5
60°-70°	177.7	7.4
70°-80°	113.3	4.7
80°-90°	75.2	3.1
90°-100°	50.6	2.1
100°-110°	33.3	1.4
110°-120°	23.2	1.0
120°-130°	16.2	0.7
130°-140°	11.2	0.5
140°-150°	6.9	0.3
150°-160°	3.5	0.1
160°-170°	1.3	0.1
170°-180°	0.3	0.0
0°-30°	862.6	36.1
0°-40°	1242.3	52.0
0°-60°	1877.3	78.6
0°-90°	2243.5	93.9
90°-120°	107.1	4.5
90°-150°	141.3	5.9
90°-180°	146.0	6.1
0°-180°	2389.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1939	1939	1939	1939	1939	
5°	1956	1848	1656	1544	1503	187
15°	1961	1412	1077	884	813	556
25°	1962	999	570	495	472	905
35°	1847	556	381	369	364	1146
45°	1335	352	321	355	367	1015
55°	612	251	247	278	289	563
65°	245	158	156	178	184	252
75°	83	86	108	124	130	92
85°	11	39	76	99	107	15
90°	0	27	64	88	92	1
95°	0	20	53	72	76	0
105°	0	15	34	49	53	1
115°	1	12	26	36	38	1
125°	1	11	22	26	27	1
135°	1	9	17	21	22	1
145°	1	6	12	16	17	1
155°	1	4	7	11	12	1
165°	2	2	5	6	7	1
175°	2	2	2	2	1	0
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1938.9	1938.9	1938.9	1938.9	1938.9
1°	1954.8	1943.8	1918.1	1925.4	1924.2
2°	1954.8	1931.5	1881.3	1866.6	1844.6
3°	1956.0	1910.7	1825.0	1777.2	1746.6
4°	1956.0	1880.1	1741.7	1662.1	1622.9
5°	1956.0	1848.2	1656.0	1544.5	1502.8
6°	1953.6	1810.3	1569.0	1451.4	1388.9
7°	1957.3	1768.6	1490.6	1364.4	1315.5
8°	1956.0	1719.6	1418.3	1298.3	1244.4
9°	1959.7	1671.9	1339.9	1235.8	1195.4
10°	1956.0	1627.8	1288.5	1177.0	1135.4
11°	1956.0	1584.9	1251.8	1139.1	1103.6
12°	1958.5	1535.9	1211.3	1085.2	1036.2
13°	1964.6	1485.7	1164.8	1026.4	968.8
14°	1965.8	1447.7	1121.9	951.7	891.7
15°	1960.9	1412.2	1076.6	884.3	813.3
16°	1958.5	1375.5	1022.7	820.6	756.9
17°	1963.4	1332.6	961.5	755.7	696.9
18°	1964.6	1293.4	896.6	706.7	655.3
19°	1964.6	1262.8	843.9	661.4	617.3
20°	1964.6	1233.4	790.0	627.1	589.1
21°	1962.2	1196.6	728.8	591.6	559.7
22.5°	1963.4	1128.1	659.0	549.9	524.2
23°	1959.7	1110.9	641.8	538.9	512.0
24°	1960.9	1061.9	605.1	516.9	491.2
25°	1962.2	999.4	569.5	494.8	471.6
26°	1959.7	949.2	540.1	474.0	458.1
27°	1953.6	908.8	519.3	456.9	442.2
28°	1945.0	854.9	497.3	442.2	428.7
29°	1936.4	793.7	475.2	426.2	416.4
30°	1931.5	744.7	454.4	414.0	405.4
32.5°	1902.1	647.9	411.5	389.5	382.1
35°	1847.0	556.1	380.9	368.7	363.8
37.5°	1774.8	485.0	357.6	355.2	356.4
40°	1656.0	428.7	340.5	351.5	362.5
42.5°	1513.9	384.6	328.3	355.2	367.4
45°	1335.0	351.5	320.9	355.2	367.4
47.5°	1136.6	324.6	312.3	342.9	355.2
50°	938.2	300.1	295.2	324.6	335.6
52.5°	763.1	276.8	273.1	301.3	312.3
55°	612.4	251.1	247.4	278.0	289.1
57.5°	491.2	226.6	222.9	251.1	262.1
60°	391.9	202.1	196.0	224.1	235.2
62.5°	312.3	178.8	175.1	199.6	209.4
65°	245.0	158.0	155.6	177.6	183.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	193.5	138.4	139.6	158.0	165.4
70°	149.4	120.0	127.4	144.5	149.4
72.5°	112.7	101.7	117.6	132.3	138.4
75°	83.3	85.7	107.8	123.7	129.8
77.5°	57.6	71.0	99.2	116.4	122.5
80°	39.2	57.6	90.6	110.2	117.6
82.5°	23.3	47.8	83.3	104.1	112.7
85°	11.0	39.2	75.9	99.2	106.6
87.5°	3.7	31.8	68.6	94.3	100.4
90°	0.0	26.9	63.7	88.2	91.9
92.5°	0.0	23.3	57.6	80.8	83.3
95°	0.0	19.6	52.7	72.3	75.9
97.5°	0.0	18.4	49.0	64.9	69.8
100°	0.0	17.1	44.1	58.8	63.7
102.5°	0.0	14.7	39.2	52.7	57.6
105°	0.0	14.7	34.3	49.0	52.7
107.5°	1.2	13.5	31.8	44.1	49.0
110°	1.2	13.5	28.2	41.6	45.3
112.5°	1.2	13.5	26.9	38.0	42.9
115°	1.2	12.2	25.7	35.5	38.0
117.5°	1.2	12.2	24.5	31.8	34.3
120°	1.2	11.0	23.3	29.4	30.6
122.5°	1.2	11.0	22.0	26.9	28.2
125°	1.2	11.0	22.0	25.7	26.9
127.5°	1.2	9.8	20.8	24.5	24.5
130°	1.2	9.8	19.6	23.3	23.3
132.5°	1.2	8.6	18.4	22.0	23.3
135°	1.2	8.6	17.1	20.8	22.0
137.5°	1.2	7.3	15.9	19.6	20.8
140°	1.2	7.3	14.7	18.4	19.6
142.5°	1.2	6.1	13.5	17.1	18.4
145°	1.2	6.1	12.2	15.9	17.1
147.5°	1.2	6.1	11.0	14.7	15.9
150°	1.2	4.9	9.8	13.5	14.7
152.5°	1.2	4.9	8.6	12.2	13.5
155°	1.2	3.7	7.3	11.0	12.2
157.5°	1.2	3.7	7.3	9.8	11.0
160°	2.4	3.7	6.1	8.6	9.8
162.5°	1.2	2.4	6.1	7.3	8.6
165°	2.4	2.4	4.9	6.1	7.3
167.5°	2.4	2.4	3.7	4.9	6.1
170°	2.4	2.4	3.7	3.7	4.9
172.5°	2.4	2.4	2.4	3.7	2.4
175°	2.4	2.4	2.4	2.4	1.2
177.5°	2.4	2.4	2.4	2.4	1.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.4	2.4	2.4	2.4	2.4

(END OF REPORT)