

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: P566200

Luminaire Tested: **4SNX-26SL-LN-UNV-L840-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566200  
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-26SL-LN-UNV-L840-CD  
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 80CRI LEDS AND LN LENS  
Light Source: -  
Ballast/Driver: -

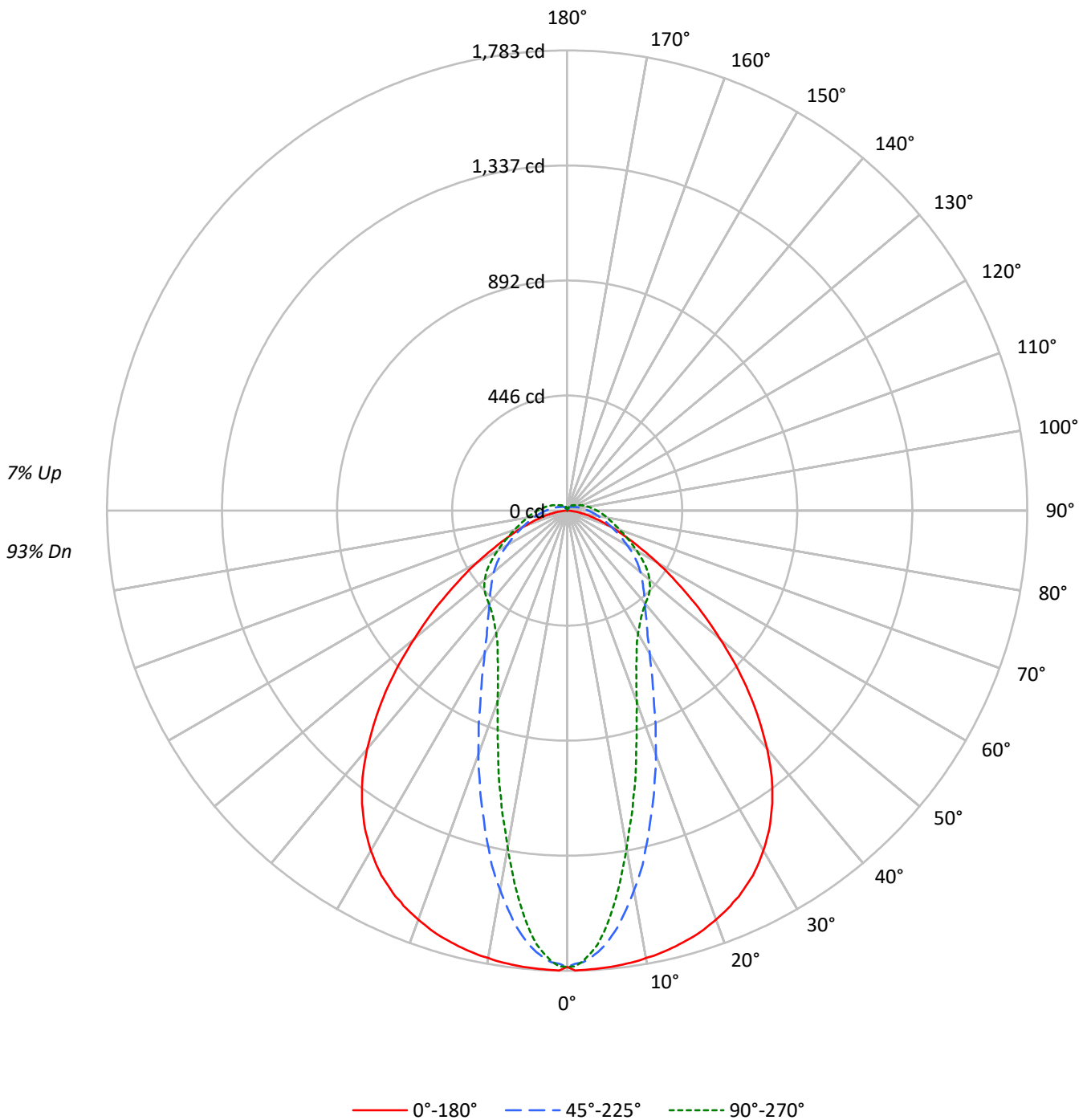
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2818.0 lumens  
Efficiency: N/A  
Efficacy: 171.8 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): 16.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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	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°	19028	19028	19028
5°	19128	17489	16736
10°	19101	14995	12985
15°	19092	12232	9733
20°	19031	9744	7283
25°	18858	7636	5780
30°	18463	6180	4931
35°	17687	5230	4485
40°	16361	4617	4245
45°	14546	4224	4114
50°	12322	3887	3887
55°	10123	3523	3549
60°	8096	3099	3113
65°	6285	2720	2710
70°	4880	2407	2396
75°	3776	2163	2183
80°	2667	1979	2029
85°	1481	1844	1947



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	156.6	5.6
10°-20°	367.0	13.0
20°-30°	435.6	15.5
30°-40°	438.2	15.6
40°-50°	407.4	14.5
50°-60°	335.4	11.9
60°-70°	236.4	8.4
70°-80°	154.4	5.5
80°-90°	98.6	3.5
90°-100°	64.7	2.3
100°-110°	43.9	1.6
110°-120°	30.1	1.1
120°-130°	20.8	0.7
130°-140°	14.0	0.5
140°-150°	8.6	0.3
150°-160°	4.5	0.2
160°-170°	1.6	0.1
170°-180°	0.3	0.0
0°-30°	959.1	34.0
0°-40°	1397.3	49.6
0°-60°	2140.2	75.9
0°-90°	2629.5	93.3
90°-120°	138.6	4.9
90°-150°	182.1	6.5
90°-180°	188.0	6.7
0°-180°	2818.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1768	1768	1768	1768	1768	
5°	1777	1753	1690	1657	1639	169
15°	1732	1548	1245	1088	1029	489
25°	1619	1196	793	666	638	745
35°	1385	809	538	504	501	862
45°	995	533	416	439	450	764
55°	572	350	322	357	369	516
65°	269	211	222	250	258	273
75°	105	109	149	176	183	113
85°	18	50	100	130	136	22
90°	0	34	81	111	115	1
95°	0	25	68	93	98	0
105°	0	18	46	65	71	0
115°	2	15	32	47	50	1
125°	2	12	27	34	37	1
135°	2	10	21	27	28	1
145°	2	7	15	21	22	1
155°	2	6	10	15	16	1
165°	2	3	6	7	9	0
175°	3	3	3	3	2	0
180°	2	2	2	2	2	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1767.8	1767.8	1767.8	1767.8	1767.8
1°	1782.6	1775.2	1756.0	1769.3	1766.3
2°	1781.1	1773.7	1751.6	1757.5	1747.1
3°	1779.6	1769.3	1735.3	1733.8	1719.1
4°	1778.2	1761.9	1714.6	1696.9	1685.1
5°	1776.7	1753.0	1689.5	1657.1	1639.3
6°	1775.2	1742.7	1657.1	1608.3	1583.2
7°	1772.2	1726.5	1623.1	1556.6	1524.1
8°	1769.3	1711.7	1580.3	1500.5	1460.6
9°	1766.3	1692.5	1537.4	1440.0	1392.7
10°	1760.4	1673.3	1493.1	1377.9	1327.7
11°	1757.5	1651.1	1450.3	1318.8	1259.8
12°	1751.6	1627.5	1404.5	1256.8	1205.1
13°	1745.7	1602.4	1348.4	1203.7	1141.6
14°	1739.8	1575.8	1299.6	1144.6	1087.0
15°	1732.4	1547.8	1245.0	1088.5	1029.4
16°	1725.0	1515.3	1196.3	1030.9	968.8
17°	1717.6	1484.3	1150.5	977.7	921.6
18°	1708.7	1453.2	1097.3	926.0	871.4
19°	1696.9	1417.8	1054.5	878.7	828.5
20°	1686.6	1385.3	1005.7	834.4	790.1
21°	1674.8	1345.4	957.0	793.1	748.8
22.5°	1657.1	1289.3	895.0	741.4	700.0
23°	1648.2	1273.1	869.9	722.2	686.7
24°	1636.4	1230.2	828.5	692.7	657.2
25°	1618.7	1196.3	793.1	666.1	638.0
26°	1602.4	1154.9	757.6	642.4	614.4
27°	1586.2	1115.0	726.6	617.3	593.7
28°	1565.5	1073.7	692.7	596.7	576.0
29°	1543.3	1035.3	664.6	578.9	562.7
30°	1521.2	992.5	641.0	562.7	549.4
32.5°	1459.1	897.9	580.4	531.7	522.8
35°	1385.3	809.3	537.6	503.6	500.7
37.5°	1302.6	728.1	499.2	481.5	484.4
40°	1205.1	654.3	466.7	465.2	471.1
42.5°	1101.7	590.7	441.6	451.9	460.8
45°	995.4	533.2	416.5	438.6	450.4
47.5°	884.6	482.9	394.3	422.4	435.7
50°	772.4	434.2	370.7	403.2	416.5
52.5°	672.0	391.4	347.1	381.0	395.8
55°	571.5	350.0	322.0	357.4	369.2
57.5°	484.4	311.6	295.4	330.8	339.7
60°	403.2	274.7	268.8	301.3	311.6
62.5°	329.3	242.2	243.7	274.7	285.0
65°	268.8	211.2	221.5	249.6	258.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	218.6	181.7	199.4	228.9	236.3
70°	172.8	155.1	181.7	208.2	215.6
72.5°	137.3	131.4	163.9	192.0	197.9
75°	104.9	109.3	149.2	175.7	183.1
77.5°	75.3	91.6	134.4	162.5	168.4
80°	53.2	75.3	122.6	150.6	156.5
82.5°	34.0	62.0	110.8	140.3	146.2
85°	17.7	50.2	100.4	130.0	135.9
87.5°	7.4	41.4	90.1	119.6	125.5
90°	0.0	34.0	81.2	110.8	115.2
92.5°	0.0	29.5	73.8	101.9	106.3
95°	0.0	25.1	67.9	93.0	97.5
97.5°	0.0	23.6	60.6	85.7	90.1
100°	0.0	20.7	54.6	78.3	84.2
102.5°	0.0	19.2	50.2	70.9	76.8
105°	0.0	17.7	45.8	65.0	70.9
107.5°	0.0	16.2	42.8	60.6	65.0
110°	0.0	16.2	38.4	56.1	60.6
112.5°	1.5	14.8	35.4	50.2	54.6
115°	1.5	14.8	32.5	47.3	50.2
117.5°	1.5	14.8	31.0	42.8	45.8
120°	1.5	13.3	29.5	39.9	42.8
122.5°	1.5	13.3	28.1	36.9	38.4
125°	1.5	11.8	26.6	34.0	36.9
127.5°	1.5	11.8	25.1	32.5	34.0
130°	1.5	11.8	23.6	29.5	32.5
132.5°	1.5	10.3	22.2	28.1	29.5
135°	1.5	10.3	20.7	26.6	28.1
137.5°	1.5	8.9	19.2	25.1	26.6
140°	1.5	8.9	17.7	23.6	25.1
142.5°	1.5	7.4	16.2	22.2	23.6
145°	1.5	7.4	14.8	20.7	22.2
147.5°	1.5	7.4	13.3	19.2	20.7
150°	1.5	5.9	11.8	17.7	19.2
152.5°	1.5	5.9	10.3	16.2	17.7
155°	1.5	5.9	10.3	14.8	16.2
157.5°	1.5	4.4	8.9	11.8	14.8
160°	1.5	4.4	7.4	10.3	13.3
162.5°	1.5	4.4	7.4	8.9	10.3
165°	1.5	3.0	5.9	7.4	8.9
167.5°	1.5	3.0	4.4	5.9	7.4
170°	1.5	3.0	4.4	4.4	5.9
172.5°	1.5	3.0	3.0	3.0	3.0
175°	3.0	3.0	3.0	3.0	1.5
177.5°	3.0	3.0	3.0	1.5	1.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.5	1.5	1.5	1.5	1.5

(END OF REPORT)