

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: P566199

Luminaire Tested: **4SNX-26SL-LN-UNV-L835-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566199  
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-L835-CD  
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND LN LENS  
Light Source: -  
Ballast/Driver: -

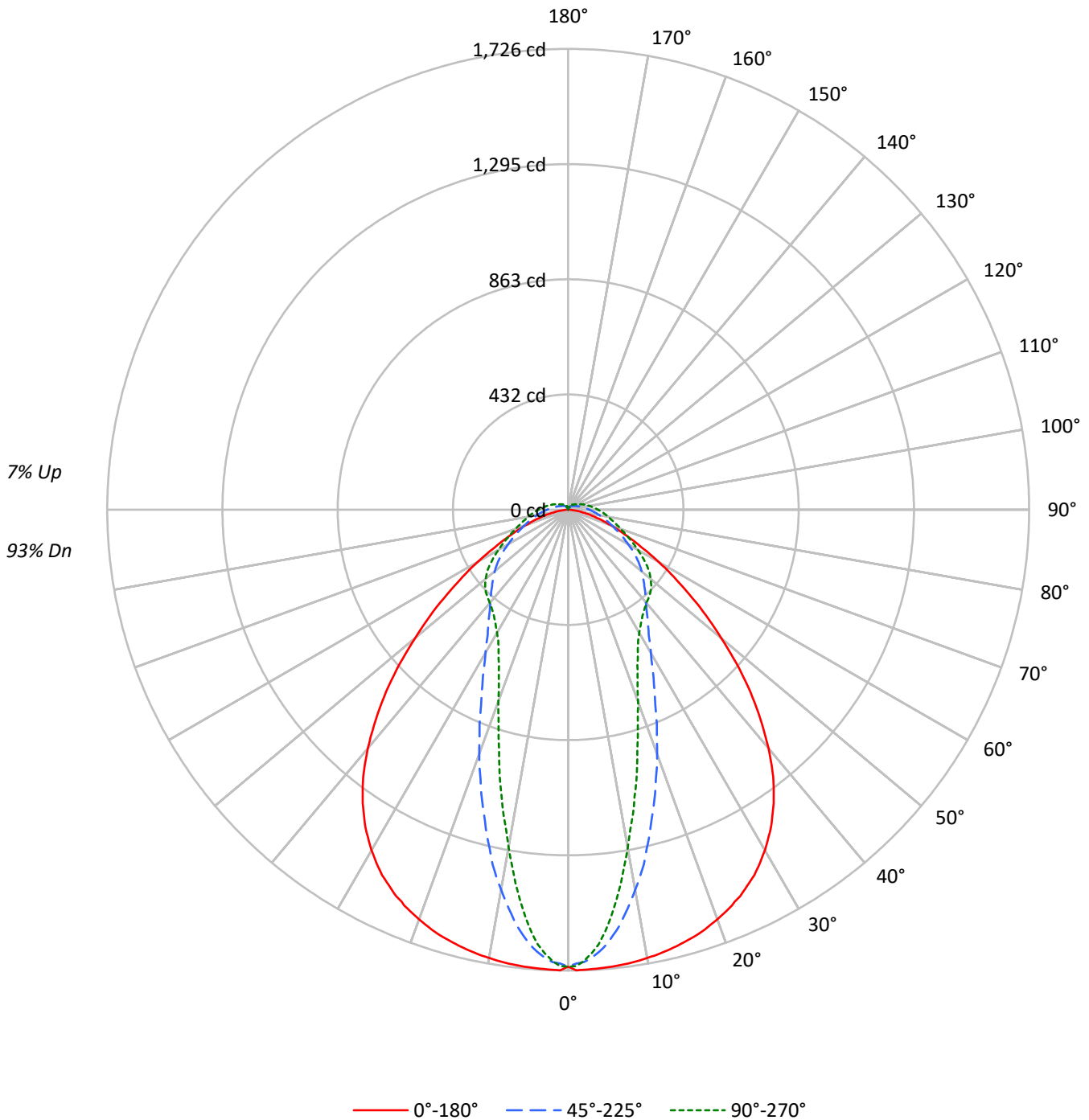
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2728.0 lumens  
Efficiency: N/A  
Efficacy: 166.3 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	68	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°	18421	18421	18421
5°	18516	16931	16203
10°	18491	14516	12571
15°	18482	11841	9422
20°	18423	9433	7051
25°	18256	7392	5596
30°	17873	5982	4774
35°	17123	5063	4342
40°	15838	4470	4110
45°	14082	4089	3983
50°	11928	3764	3762
55°	9800	3410	3436
60°	7837	2999	3014
65°	6084	2634	2623
70°	4724	2330	2320
75°	3653	2093	2114
80°	2582	1916	1964
85°	1439	1785	1884



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	151.6	5.6
10°-20°	355.2	13.0
20°-30°	421.7	15.5
30°-40°	424.3	15.6
40°-50°	394.4	14.5
50°-60°	324.7	11.9
60°-70°	228.8	8.4
70°-80°	149.5	5.5
80°-90°	95.4	3.5
90°-100°	62.6	2.3
100°-110°	42.5	1.6
110°-120°	29.1	1.1
120°-130°	20.1	0.7
130°-140°	13.6	0.5
140°-150°	8.3	0.3
150°-160°	4.3	0.2
160°-170°	1.6	0.1
170°-180°	0.3	0.0
0°-30°	928.5	34.0
0°-40°	1352.7	49.6
0°-60°	2071.8	75.9
0°-90°	2545.5	93.3
90°-120°	134.2	4.9
90°-150°	176.3	6.5
90°-180°	182.0	6.7
0°-180°	2728.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1711	1711	1711	1711	1711	
5°	1720	1697	1636	1604	1587	164
15°	1677	1498	1205	1054	996	474
25°	1567	1158	768	645	618	721
35°	1341	784	520	488	485	834
45°	964	516	403	425	436	740
55°	553	339	312	346	357	500
65°	260	204	214	242	250	264
75°	102	106	144	170	177	110
85°	17	49	97	126	132	22
90°	0	33	79	107	112	1
95°	0	24	66	90	94	0
105°	0	17	44	63	69	0
115°	1	14	32	46	49	1
125°	1	11	26	33	36	1
135°	1	10	20	26	27	1
145°	1	7	14	20	21	1
155°	1	6	10	14	16	1
165°	1	3	6	7	9	0
175°	3	3	3	3	1	0
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1711.4	1711.4	1711.4	1711.4	1711.4
1°	1725.7	1718.5	1699.9	1712.8	1709.9
2°	1724.2	1717.1	1695.6	1701.3	1691.3
3°	1722.8	1712.8	1679.9	1678.5	1664.2
4°	1721.4	1705.6	1659.9	1642.7	1631.3
5°	1719.9	1697.1	1635.6	1604.1	1587.0
6°	1718.5	1687.1	1604.1	1556.9	1532.6
7°	1715.6	1671.3	1571.2	1506.9	1475.5
8°	1712.8	1657.0	1529.8	1452.6	1414.0
9°	1709.9	1638.4	1488.3	1394.0	1348.2
10°	1704.2	1619.9	1445.4	1333.9	1285.3
11°	1701.3	1598.4	1404.0	1276.7	1219.5
12°	1695.6	1575.5	1359.6	1216.7	1166.6
13°	1689.9	1551.2	1305.3	1165.2	1105.2
14°	1684.2	1525.5	1258.1	1108.0	1052.3
15°	1677.0	1498.3	1205.2	1053.7	996.5
16°	1669.9	1466.9	1158.1	997.9	937.9
17°	1662.7	1436.9	1113.7	946.5	892.1
18°	1654.2	1406.8	1062.3	896.4	843.5
19°	1642.7	1372.5	1020.8	850.7	802.1
20°	1632.7	1341.1	973.6	807.8	764.9
21°	1621.3	1302.5	926.4	767.8	724.9
22.5°	1604.1	1248.1	866.4	717.7	677.7
23°	1595.6	1232.4	842.1	699.1	664.8
24°	1584.1	1190.9	802.1	670.5	636.2
25°	1567.0	1158.1	767.8	644.8	617.6
26°	1551.2	1118.0	733.4	621.9	594.8
27°	1535.5	1079.4	703.4	597.6	574.7
28°	1515.5	1039.4	670.5	577.6	557.6
29°	1494.0	1002.2	643.4	560.4	544.7
30°	1472.6	960.8	620.5	544.7	531.9
32.5°	1412.5	869.3	561.9	514.7	506.1
35°	1341.1	783.5	520.4	487.5	484.7
37.5°	1261.0	704.8	483.2	466.1	468.9
40°	1166.6	633.4	451.8	450.4	456.1
42.5°	1066.6	571.9	427.5	437.5	446.1
45°	963.6	516.1	403.2	424.6	436.1
47.5°	856.4	467.5	381.7	408.9	421.8
50°	747.7	420.3	358.9	390.3	403.2
52.5°	650.5	378.9	336.0	368.9	383.2
55°	553.3	338.8	311.7	346.0	357.4
57.5°	468.9	301.7	285.9	320.3	328.8
60°	390.3	265.9	260.2	291.7	301.7
62.5°	318.8	234.5	235.9	265.9	275.9
65°	260.2	204.4	214.5	241.6	250.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	211.6	175.9	193.0	221.6	228.8
70°	167.3	150.1	175.9	201.6	208.7
72.5°	133.0	127.2	158.7	185.9	191.6
75°	101.5	105.8	144.4	170.1	177.3
77.5°	72.9	88.6	130.1	157.3	163.0
80°	51.5	72.9	118.7	145.8	151.5
82.5°	32.9	60.0	107.2	135.8	141.5
85°	17.2	48.6	97.2	125.8	131.5
87.5°	7.1	40.0	87.2	115.8	121.5
90°	0.0	32.9	78.6	107.2	111.5
92.5°	0.0	28.6	71.5	98.6	102.9
95°	0.0	24.3	65.8	90.1	94.4
97.5°	0.0	22.9	58.6	82.9	87.2
100°	0.0	20.0	52.9	75.8	81.5
102.5°	0.0	18.6	48.6	68.6	74.3
105°	0.0	17.2	44.3	62.9	68.6
107.5°	0.0	15.7	41.5	58.6	62.9
110°	0.0	15.7	37.2	54.3	58.6
112.5°	1.4	14.3	34.3	48.6	52.9
115°	1.4	14.3	31.5	45.8	48.6
117.5°	1.4	14.3	30.0	41.5	44.3
120°	1.4	12.9	28.6	38.6	41.5
122.5°	1.4	12.9	27.2	35.7	37.2
125°	1.4	11.4	25.7	32.9	35.7
127.5°	1.4	11.4	24.3	31.5	32.9
130°	1.4	11.4	22.9	28.6	31.5
132.5°	1.4	10.0	21.4	27.2	28.6
135°	1.4	10.0	20.0	25.7	27.2
137.5°	1.4	8.6	18.6	24.3	25.7
140°	1.4	8.6	17.2	22.9	24.3
142.5°	1.4	7.1	15.7	21.4	22.9
145°	1.4	7.1	14.3	20.0	21.4
147.5°	1.4	7.1	12.9	18.6	20.0
150°	1.4	5.7	11.4	17.2	18.6
152.5°	1.4	5.7	10.0	15.7	17.2
155°	1.4	5.7	10.0	14.3	15.7
157.5°	1.4	4.3	8.6	11.4	14.3
160°	1.4	4.3	7.1	10.0	12.9
162.5°	1.4	4.3	7.1	8.6	10.0
165°	1.4	2.9	5.7	7.1	8.6
167.5°	1.4	2.9	4.3	5.7	7.1
170°	1.4	2.9	4.3	4.3	5.7
172.5°	1.4	2.9	2.9	2.9	2.9
175°	2.9	2.9	2.9	2.9	1.4
177.5°	2.9	2.9	2.9	1.4	1.4



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)