

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: P566198

Luminaire Tested: **4SNX-26SL-LN-UNV-L830-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566198
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-L830-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 80CRI LEDS AND LN LENS
Light Source: -
Ballast/Driver: -

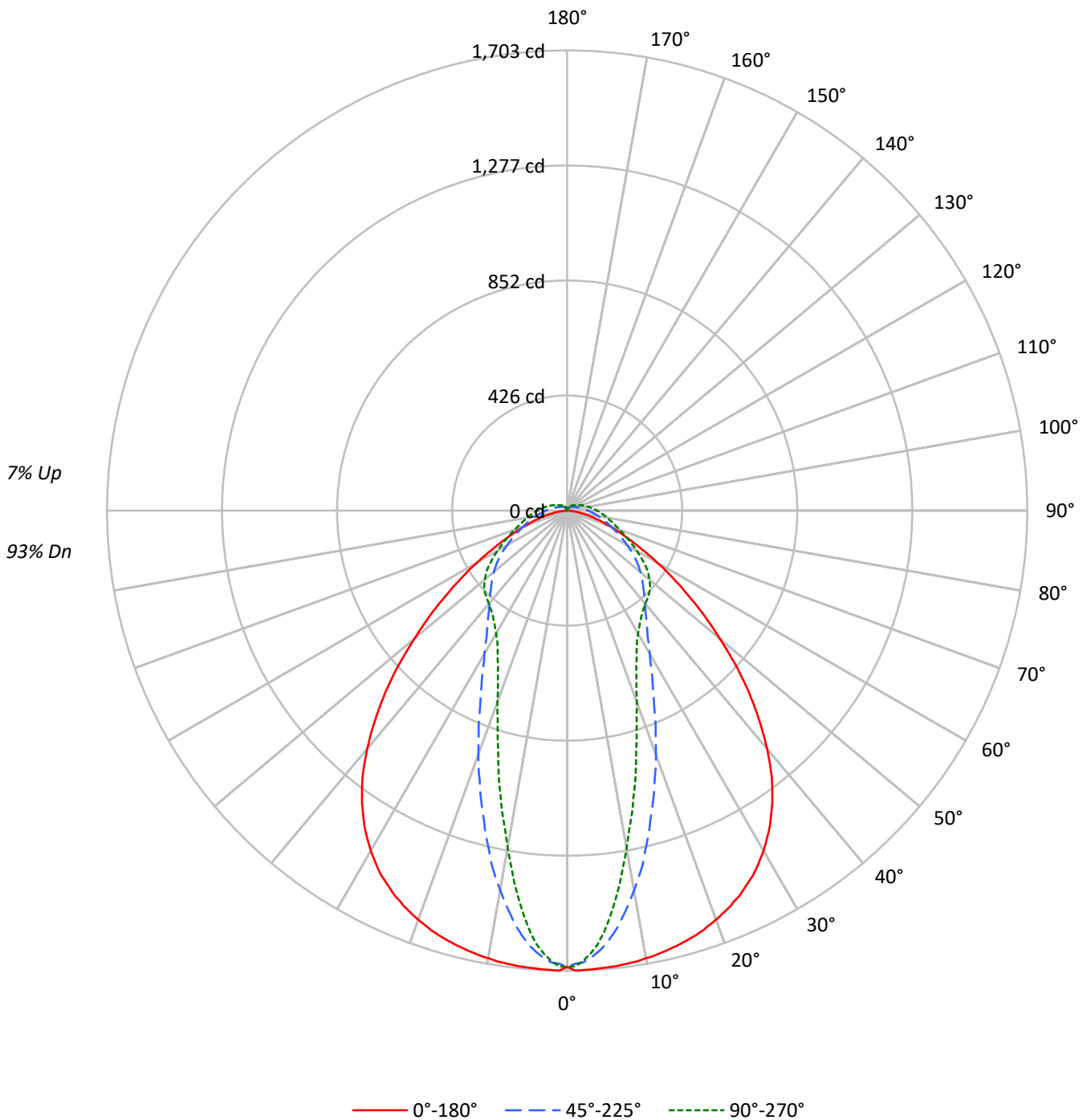
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2692.0 lumens
Efficiency: N/A
Efficacy: 164.1 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 (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	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°	18178	18178	18178
5°	18272	16707	15988
10°	18247	14325	12404
15°	18238	11685	9298
20°	18180	9309	6958
25°	18015	7294	5522
30°	17638	5903	4710
35°	16897	4996	4285
40°	15629	4410	4056
45°	13896	4036	3930
50°	11772	3713	3713
55°	9671	3365	3391
60°	7734	2960	2974
65°	6004	2598	2588
70°	4662	2298	2289
75°	3606	2065	2085
80°	2547	1890	1938
85°	1414	1761	1860



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.6	5.6
10°-20°	350.6	13.0
20°-30°	416.1	15.5
30°-40°	418.6	15.6
40°-50°	389.2	14.5
50°-60°	320.4	11.9
60°-70°	225.8	8.4
70°-80°	147.5	5.5
80°-90°	94.2	3.5
90°-100°	61.8	2.3
100°-110°	41.9	1.6
110°-120°	28.7	1.1
120°-130°	19.9	0.7
130°-140°	13.4	0.5
140°-150°	8.3	0.3
150°-160°	4.3	0.2
160°-170°	1.5	0.1
170°-180°	0.3	0.0
0°-30°	916.2	34.0
0°-40°	1334.9	49.6
0°-60°	2044.5	75.9
0°-90°	2512.0	93.3
90°-120°	132.4	4.9
90°-150°	173.9	6.5
90°-180°	180.0	6.7
0°-180°	2692.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1689	1689	1689	1689	1689	
5°	1697	1675	1614	1583	1566	162
15°	1655	1479	1189	1040	983	467
25°	1546	1143	758	636	610	712
35°	1323	773	514	481	478	823
45°	951	509	398	419	430	730
55°	546	334	308	341	353	493
65°	257	202	212	238	247	261
75°	100	104	142	168	175	108
85°	17	48	96	124	130	21
90°	0	32	78	106	110	1
95°	0	24	65	89	93	0
105°	0	17	44	62	68	0
115°	1	14	31	45	48	1
125°	1	11	25	32	35	1
135°	1	10	20	25	27	1
145°	1	7	14	20	21	1
155°	1	6	10	14	16	1
165°	1	3	6	7	8	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°	1688.8	1688.8	1688.8	1688.8	1688.8
1°	1702.9	1695.8	1677.5	1690.2	1687.4
2°	1701.5	1694.4	1673.3	1678.9	1669.0
3°	1700.1	1690.2	1657.7	1656.3	1642.2
4°	1698.6	1683.1	1638.0	1621.1	1609.8
5°	1697.2	1674.7	1614.0	1583.0	1566.0
6°	1695.8	1664.8	1583.0	1536.4	1512.4
7°	1693.0	1649.3	1550.5	1487.0	1456.0
8°	1690.2	1635.2	1509.6	1433.4	1395.3
9°	1687.4	1616.8	1468.7	1375.6	1330.4
10°	1681.7	1598.5	1426.4	1316.3	1268.3
11°	1678.9	1577.3	1385.4	1259.9	1203.4
12°	1673.3	1554.7	1341.7	1200.6	1151.2
13°	1667.6	1530.8	1288.1	1149.8	1090.6
14°	1662.0	1505.4	1241.5	1093.4	1038.4
15°	1654.9	1478.6	1189.3	1039.8	983.4
16°	1647.9	1447.5	1142.8	984.8	925.5
17°	1640.8	1417.9	1099.0	934.0	880.4
18°	1632.3	1388.3	1048.3	884.6	832.4
19°	1621.1	1354.4	1007.3	839.4	791.5
20°	1611.2	1323.4	960.8	797.1	754.8
21°	1599.9	1285.3	914.2	757.6	715.3
22.5°	1583.0	1231.7	855.0	708.2	668.7
23°	1574.5	1216.1	831.0	689.9	656.0
24°	1563.2	1175.2	791.5	661.7	627.8
25°	1546.3	1142.8	757.6	636.3	609.5
26°	1530.8	1103.3	723.8	613.7	586.9
27°	1515.2	1065.2	694.1	589.7	567.2
28°	1495.5	1025.7	661.7	570.0	550.2
29°	1474.3	989.0	634.9	553.0	537.5
30°	1453.2	948.1	612.3	537.5	524.8
32.5°	1393.9	857.8	554.5	507.9	499.4
35°	1323.4	773.1	513.5	481.1	478.3
37.5°	1244.4	695.5	476.9	459.9	462.8
40°	1151.2	625.0	445.8	444.4	450.1
42.5°	1052.5	564.3	421.8	431.7	440.2
45°	950.9	509.3	397.9	419.0	430.3
47.5°	845.1	461.3	376.7	403.5	416.2
50°	737.9	414.8	354.1	385.2	397.9
52.5°	641.9	373.9	331.5	364.0	378.1
55°	546.0	334.4	307.6	341.4	352.7
57.5°	462.8	297.7	282.2	316.0	324.5
60°	385.2	262.4	256.8	287.8	297.7
62.5°	314.6	231.4	232.8	262.4	272.3
65°	256.8	201.7	211.6	238.4	246.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	208.8	173.5	190.5	218.7	225.7
70°	165.1	148.1	173.5	198.9	206.0
72.5°	131.2	125.6	156.6	183.4	189.1
75°	100.2	104.4	142.5	167.9	174.9
77.5°	72.0	87.5	128.4	155.2	160.8
80°	50.8	72.0	117.1	143.9	149.5
82.5°	32.4	59.3	105.8	134.0	139.7
85°	16.9	48.0	95.9	124.2	129.8
87.5°	7.1	39.5	86.1	114.3	119.9
90°	0.0	32.4	77.6	105.8	110.0
92.5°	0.0	28.2	70.5	97.3	101.6
95°	0.0	24.0	64.9	88.9	93.1
97.5°	0.0	22.6	57.8	81.8	86.1
100°	0.0	19.8	52.2	74.8	80.4
102.5°	0.0	18.3	48.0	67.7	73.4
105°	0.0	16.9	43.7	62.1	67.7
107.5°	0.0	15.5	40.9	57.8	62.1
110°	0.0	15.5	36.7	53.6	57.8
112.5°	1.4	14.1	33.9	48.0	52.2
115°	1.4	14.1	31.0	45.1	48.0
117.5°	1.4	14.1	29.6	40.9	43.7
120°	1.4	12.7	28.2	38.1	40.9
122.5°	1.4	12.7	26.8	35.3	36.7
125°	1.4	11.3	25.4	32.4	35.3
127.5°	1.4	11.3	24.0	31.0	32.4
130°	1.4	11.3	22.6	28.2	31.0
132.5°	1.4	9.9	21.2	26.8	28.2
135°	1.4	9.9	19.8	25.4	26.8
137.5°	1.4	8.5	18.3	24.0	25.4
140°	1.4	8.5	16.9	22.6	24.0
142.5°	1.4	7.1	15.5	21.2	22.6
145°	1.4	7.1	14.1	19.8	21.2
147.5°	1.4	7.1	12.7	18.3	19.8
150°	1.4	5.6	11.3	16.9	18.3
152.5°	1.4	5.6	9.9	15.5	16.9
155°	1.4	5.6	9.9	14.1	15.5
157.5°	1.4	4.2	8.5	11.3	14.1
160°	1.4	4.2	7.1	9.9	12.7
162.5°	1.4	4.2	7.1	8.5	9.9
165°	1.4	2.8	5.6	7.1	8.5
167.5°	1.4	2.8	4.2	5.6	7.1
170°	1.4	2.8	4.2	4.2	5.6
172.5°	1.4	2.8	2.8	2.8	2.8
175°	2.8	2.8	2.8	2.8	1.4
177.5°	2.8	2.8	2.8	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)