

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: P566190

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566190
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-L830-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 80CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

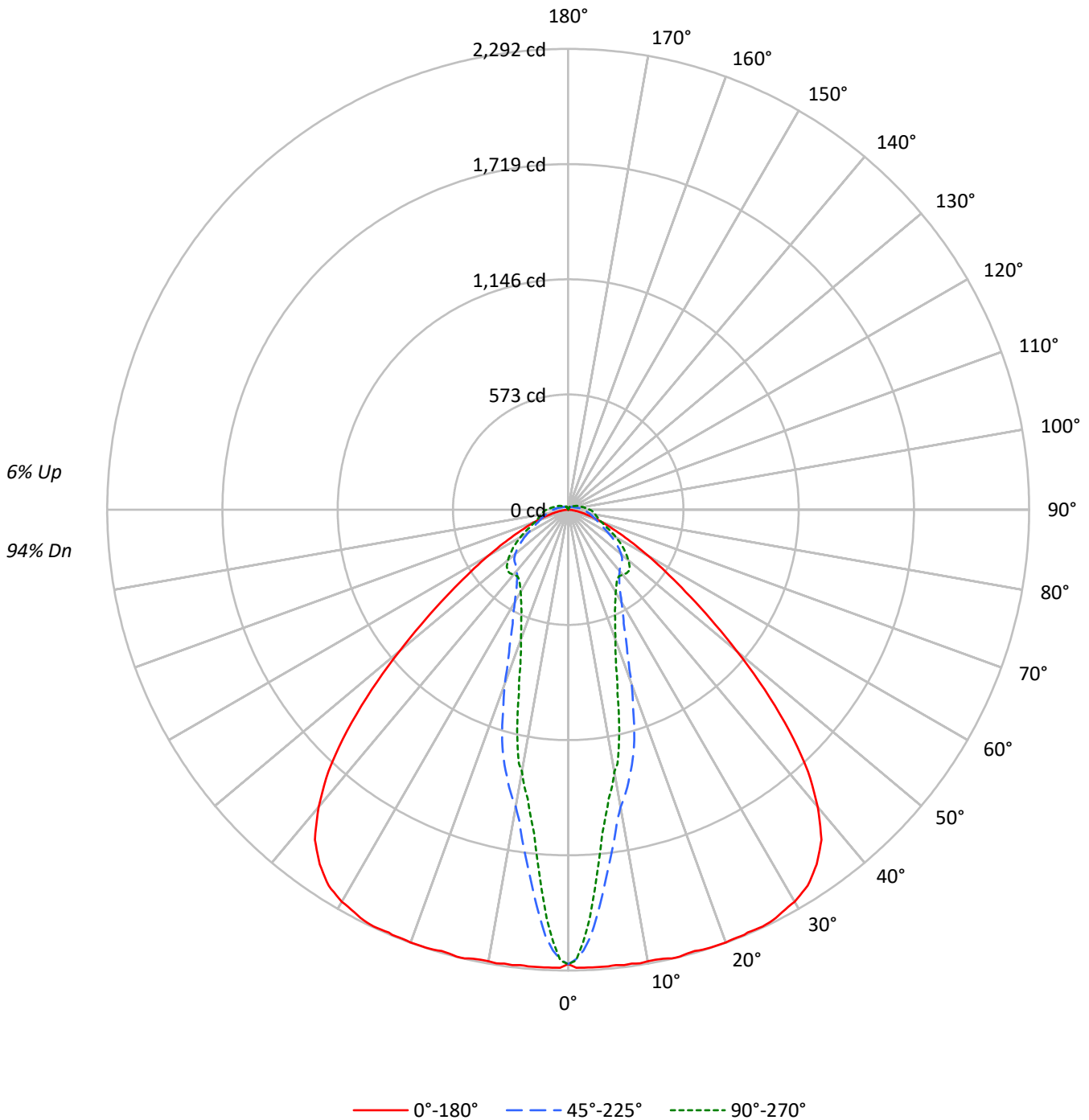
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2786.0 lumens
Efficiency: N/A
Efficacy: 169.9 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°	24328	24328	24328
5°	24547	19981	17886
10°	24740	15085	12944
15°	25191	12330	8963
20°	25841	8922	6331
25°	26648	6392	4980
30°	27328	5107	4241
35°	27490	4319	3798
40°	26207	3927	3808
45°	22743	3794	3912
50°	17448	3608	3651
55°	12645	3155	3240
60°	9174	2633	2739
65°	6677	2226	2245
70°	4919	1967	1936
75°	3495	1820	1804
80°	2291	1706	1778
85°	1071	1625	1779



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	177.7	6.4
10°-20°	386.0	13.9
20°-30°	441.8	15.9
30°-40°	442.6	15.9
40°-50°	419.0	15.0
50°-60°	321.3	11.5
60°-70°	207.1	7.4
70°-80°	132.1	4.7
80°-90°	87.7	3.1
90°-100°	58.9	2.1
100°-110°	38.8	1.4
110°-120°	27.0	1.0
120°-130°	18.8	0.7
130°-140°	13.1	0.5
140°-150°	8.0	0.3
150°-160°	4.1	0.1
160°-170°	1.6	0.1
170°-180°	0.3	0.0
0°-30°	1005.5	36.1
0°-40°	1448.1	52.0
0°-60°	2188.4	78.6
0°-90°	2615.3	93.9
90°-120°	124.8	4.5
90°-150°	164.7	5.9
90°-180°	171.0	6.1
0°-180°	2786.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2260	2260	2260	2260	2260	
5°	2280	2154	1930	1800	1752	218
15°	2286	1646	1255	1031	948	648
25°	2287	1165	664	577	550	1054
35°	2153	648	444	430	424	1336
45°	1556	410	374	414	428	1183
55°	714	293	288	324	337	656
65°	286	184	181	207	214	294
75°	97	100	126	144	151	107
85°	13	46	88	116	124	18
90°	0	31	74	103	107	1
95°	0	23	61	84	88	0
105°	0	17	40	57	61	1
115°	1	14	30	41	44	1
125°	1	13	26	30	31	1
135°	1	10	20	24	26	1
145°	1	7	14	19	20	1
155°	1	4	9	13	14	1
165°	3	3	6	7	9	1
175°	3	3	3	3	1	0
180°	3	3	3	3	3	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2260.1	2260.1	2260.1	2260.1	2260.1
1°	2278.7	2265.8	2235.9	2244.4	2243.0
2°	2278.7	2251.6	2193.0	2175.9	2150.2
3°	2280.1	2227.3	2127.4	2071.7	2036.0
4°	2280.1	2191.6	2030.3	1937.5	1891.8
5°	2280.1	2154.5	1930.3	1800.4	1751.9
6°	2277.3	2110.2	1829.0	1691.9	1619.1
7°	2281.6	2061.7	1737.6	1590.5	1533.4
8°	2280.1	2004.6	1653.3	1513.4	1450.6
9°	2284.4	1948.9	1562.0	1440.6	1393.5
10°	2280.1	1897.5	1502.0	1372.1	1323.5
11°	2280.1	1847.5	1459.2	1327.8	1286.4
12°	2283.0	1790.4	1412.1	1265.0	1207.9
13°	2290.1	1731.9	1357.8	1196.5	1129.4
14°	2291.5	1687.6	1307.8	1109.4	1039.4
15°	2285.8	1646.2	1255.0	1030.8	948.0
16°	2283.0	1603.4	1192.2	956.6	882.4
17°	2288.7	1553.4	1120.8	880.9	812.4
18°	2290.1	1507.7	1045.1	823.8	763.8
19°	2290.1	1472.0	983.7	771.0	719.6
20°	2290.1	1437.8	920.9	731.0	686.8
21°	2287.3	1394.9	849.5	689.6	652.5
22.5°	2288.7	1315.0	768.1	641.1	611.1
23°	2284.4	1295.0	748.1	628.2	596.8
24°	2285.8	1237.9	705.3	602.5	572.5
25°	2287.3	1165.0	663.9	576.8	549.7
26°	2284.4	1106.5	629.6	552.5	534.0
27°	2277.3	1059.4	605.4	532.6	515.4
28°	2267.3	996.6	579.7	515.4	499.7
29°	2257.3	925.2	554.0	496.9	485.4
30°	2251.6	868.1	529.7	482.6	472.6
32.5°	2217.3	755.3	479.7	454.0	445.5
35°	2153.1	648.2	444.0	429.8	424.0
37.5°	2068.8	565.4	416.9	414.0	415.5
40°	1930.3	499.7	396.9	409.8	422.6
42.5°	1764.7	448.3	382.6	414.0	428.3
45°	1556.3	409.8	374.1	414.0	428.3
47.5°	1325.0	378.4	364.1	399.8	414.0
50°	1093.7	349.8	344.1	378.4	391.2
52.5°	889.5	322.7	318.4	351.2	364.1
55°	713.9	292.7	288.4	324.1	337.0
57.5°	572.5	264.1	259.9	292.7	305.5
60°	456.9	235.6	228.4	261.3	274.1
62.5°	364.1	208.5	204.2	232.7	244.1
65°	285.6	184.2	181.3	207.0	214.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	225.6	161.3	162.8	184.2	192.7
70°	174.2	139.9	148.5	168.5	174.2
72.5°	131.4	118.5	137.1	154.2	161.3
75°	97.1	99.9	125.6	144.2	151.3
77.5°	67.1	82.8	115.6	135.6	142.8
80°	45.7	67.1	105.7	128.5	137.1
82.5°	27.1	55.7	97.1	121.4	131.4
85°	12.8	45.7	88.5	115.6	124.2
87.5°	4.3	37.1	80.0	109.9	117.1
90°	0.0	31.4	74.2	102.8	107.1
92.5°	0.0	27.1	67.1	94.2	97.1
95°	0.0	22.8	61.4	84.2	88.5
97.5°	0.0	21.4	57.1	75.7	81.4
100°	0.0	20.0	51.4	68.5	74.2
102.5°	0.0	17.1	45.7	61.4	67.1
105°	0.0	17.1	40.0	57.1	61.4
107.5°	1.4	15.7	37.1	51.4	57.1
110°	1.4	15.7	32.8	48.5	52.8
112.5°	1.4	15.7	31.4	44.3	50.0
115°	1.4	14.3	30.0	41.4	44.3
117.5°	1.4	14.3	28.6	37.1	40.0
120°	1.4	12.8	27.1	34.3	35.7
122.5°	1.4	12.8	25.7	31.4	32.8
125°	1.4	12.8	25.7	30.0	31.4
127.5°	1.4	11.4	24.3	28.6	28.6
130°	1.4	11.4	22.8	27.1	27.1
132.5°	1.4	10.0	21.4	25.7	27.1
135°	1.4	10.0	20.0	24.3	25.7
137.5°	1.4	8.6	18.6	22.8	24.3
140°	1.4	8.6	17.1	21.4	22.8
142.5°	1.4	7.1	15.7	20.0	21.4
145°	1.4	7.1	14.3	18.6	20.0
147.5°	1.4	7.1	12.8	17.1	18.6
150°	1.4	5.7	11.4	15.7	17.1
152.5°	1.4	5.7	10.0	14.3	15.7
155°	1.4	4.3	8.6	12.8	14.3
157.5°	1.4	4.3	8.6	11.4	12.8
160°	2.9	4.3	7.1	10.0	11.4
162.5°	1.4	2.9	7.1	8.6	10.0
165°	2.9	2.9	5.7	7.1	8.6
167.5°	2.9	2.9	4.3	5.7	7.1
170°	2.9	2.9	4.3	4.3	5.7
172.5°	2.9	2.9	2.9	4.3	2.9
175°	2.9	2.9	2.9	2.9	1.4
177.5°	2.9	2.9	2.9	2.9	1.4



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
180°	2.9	2.9	2.9	2.9	2.9

(END OF REPORT)