

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: P566191

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566191
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-L835-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND LC LENS
Light Source: -
Ballast/Driver: -

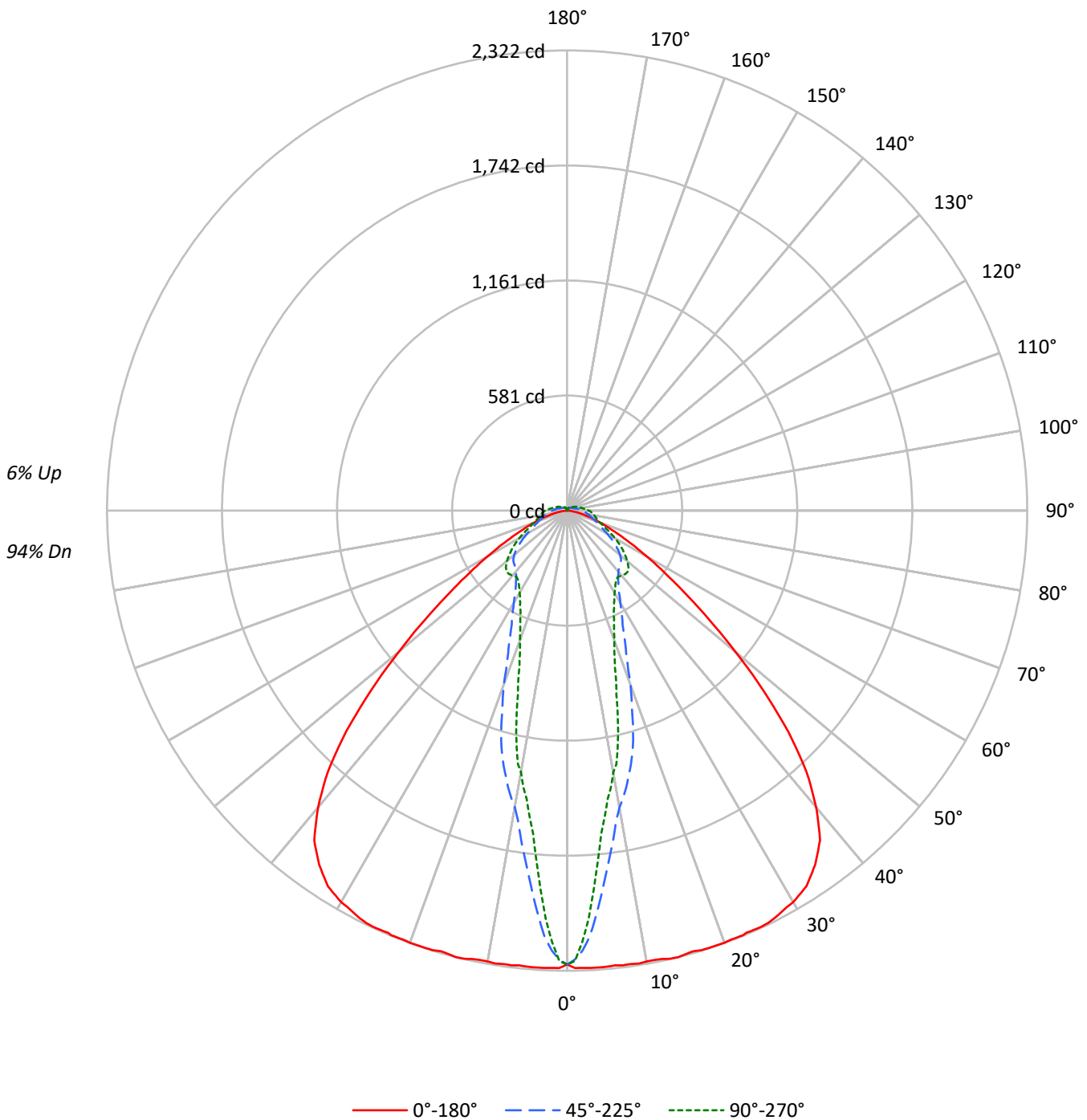
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2823.0 lumens
Efficiency: N/A
Efficacy: 172.1 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°	24652	24652	24652
5°	24873	20247	18123
10°	25068	15284	13116
15°	25526	12494	9082
20°	26184	9040	6415
25°	27001	6477	5046
30°	27691	5174	4298
35°	27856	4377	3849
40°	26556	3979	3858
45°	23044	3844	3964
50°	17680	3657	3699
55°	12813	3197	3282
60°	9294	2669	2775
65°	6764	2256	2275
70°	4984	1993	1962
75°	3542	1845	1829
80°	2321	1729	1801
85°	1088	1647	1804



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	180.1	6.4
10°-20°	391.1	13.9
20°-30°	447.7	15.9
30°-40°	448.5	15.9
40°-50°	424.5	15.0
50°-60°	325.6	11.5
60°-70°	209.9	7.4
70°-80°	133.8	4.7
80°-90°	88.9	3.1
90°-100°	59.7	2.1
100°-110°	39.4	1.4
110°-120°	27.4	1.0
120°-130°	19.1	0.7
130°-140°	13.3	0.5
140°-150°	8.1	0.3
150°-160°	4.1	0.1
160°-170°	1.6	0.1
170°-180°	0.3	0.0
0°-30°	1018.9	36.1
0°-40°	1467.4	52.0
0°-60°	2217.5	78.6
0°-90°	2650.0	93.9
90°-120°	126.5	4.5
90°-150°	166.9	5.9
90°-180°	173.0	6.1
0°-180°	2823.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2290	2290	2290	2290	2290	
5°	2310	2183	1956	1824	1775	221
15°	2316	1668	1272	1044	961	657
25°	2318	1180	673	584	557	1068
35°	2182	657	450	436	430	1354
45°	1577	415	379	420	434	1199
55°	723	297	292	328	341	665
65°	289	187	184	210	217	298
75°	98	101	127	146	153	108
85°	13	46	90	117	126	18
90°	0	32	75	104	108	1
95°	0	23	62	85	90	0
105°	0	17	40	58	62	1
115°	1	14	30	42	45	1
125°	1	13	26	30	32	1
135°	1	10	20	25	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°	2290.2	2290.2	2290.2	2290.2	2290.2
1°	2309.0	2295.9	2265.6	2274.2	2272.8
2°	2309.0	2281.5	2222.2	2204.8	2178.8
3°	2310.4	2256.9	2155.6	2099.2	2063.0
4°	2310.4	2220.7	2057.2	1963.2	1916.9
5°	2310.4	2183.1	1956.0	1824.3	1775.1
6°	2307.5	2138.2	1853.2	1714.4	1640.6
7°	2311.9	2089.1	1760.7	1611.6	1553.8
8°	2310.4	2031.2	1675.3	1533.5	1469.9
9°	2314.7	1974.8	1582.7	1459.7	1412.0
10°	2310.4	1922.7	1521.9	1390.3	1341.1
11°	2310.4	1872.1	1478.5	1345.4	1303.5
12°	2313.3	1814.2	1430.8	1281.8	1223.9
13°	2320.5	1754.9	1375.8	1212.3	1144.4
14°	2322.0	1710.0	1325.2	1124.1	1053.2
15°	2316.2	1668.1	1271.7	1044.5	960.6
16°	2313.3	1624.7	1208.0	969.3	894.1
17°	2319.1	1574.0	1135.7	892.6	823.2
18°	2320.5	1527.7	1059.0	834.8	774.0
19°	2320.5	1491.6	996.8	781.2	729.1
20°	2320.5	1456.8	933.1	740.7	695.9
21°	2317.6	1413.4	860.8	698.8	661.2
22.5°	2319.1	1332.4	778.3	649.6	619.2
23°	2314.7	1312.2	758.1	636.6	604.7
24°	2316.2	1254.3	714.7	610.5	580.1
25°	2317.6	1180.5	672.7	584.5	557.0
26°	2314.7	1121.2	638.0	559.9	541.1
27°	2307.5	1073.5	613.4	539.6	522.3
28°	2297.4	1009.8	587.4	522.3	506.4
29°	2287.3	937.5	561.3	503.5	491.9
30°	2281.5	879.6	536.7	489.0	478.9
32.5°	2246.8	765.3	486.1	460.1	451.4
35°	2181.7	656.8	449.9	435.5	429.7
37.5°	2096.3	572.9	422.4	419.5	421.0
40°	1956.0	506.4	402.2	415.2	428.2
42.5°	1788.1	454.3	387.7	419.5	434.0
45°	1576.9	415.2	379.0	419.5	434.0
47.5°	1342.6	383.4	368.9	405.1	419.5
50°	1108.2	354.4	348.7	383.4	396.4
52.5°	901.3	327.0	322.6	355.9	368.9
55°	723.4	296.6	292.2	328.4	341.4
57.5°	580.1	267.6	263.3	296.6	309.6
60°	462.9	238.7	231.5	264.7	277.8
62.5°	368.9	211.2	206.9	235.8	247.4
65°	289.3	186.6	183.7	209.8	217.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
67.5°	228.6	163.5	164.9	186.6	195.3
70°	176.5	141.8	150.5	170.7	176.5
72.5°	133.1	120.1	138.9	156.2	163.5
75°	98.4	101.3	127.3	146.1	153.4
77.5°	68.0	83.9	117.2	137.4	144.7
80°	46.3	68.0	107.1	130.2	138.9
82.5°	27.5	56.4	98.4	123.0	133.1
85°	13.0	46.3	89.7	117.2	125.9
87.5°	4.3	37.6	81.0	111.4	118.6
90°	0.0	31.8	75.2	104.2	108.5
92.5°	0.0	27.5	68.0	95.5	98.4
95°	0.0	23.1	62.2	85.4	89.7
97.5°	0.0	21.7	57.9	76.7	82.5
100°	0.0	20.3	52.1	69.4	75.2
102.5°	0.0	17.4	46.3	62.2	68.0
105°	0.0	17.4	40.5	57.9	62.2
107.5°	1.4	15.9	37.6	52.1	57.9
110°	1.4	15.9	33.3	49.2	53.5
112.5°	1.4	15.9	31.8	44.8	50.6
115°	1.4	14.5	30.4	42.0	44.8
117.5°	1.4	14.5	28.9	37.6	40.5
120°	1.4	13.0	27.5	34.7	36.2
122.5°	1.4	13.0	26.0	31.8	33.3
125°	1.4	13.0	26.0	30.4	31.8
127.5°	1.4	11.6	24.6	28.9	28.9
130°	1.4	11.6	23.1	27.5	27.5
132.5°	1.4	10.1	21.7	26.0	27.5
135°	1.4	10.1	20.3	24.6	26.0
137.5°	1.4	8.7	18.8	23.1	24.6
140°	1.4	8.7	17.4	21.7	23.1
142.5°	1.4	7.2	15.9	20.3	21.7
145°	1.4	7.2	14.5	18.8	20.3
147.5°	1.4	7.2	13.0	17.4	18.8
150°	1.4	5.8	11.6	15.9	17.4
152.5°	1.4	5.8	10.1	14.5	15.9
155°	1.4	4.3	8.7	13.0	14.5
157.5°	1.4	4.3	8.7	11.6	13.0
160°	2.9	4.3	7.2	10.1	11.6
162.5°	1.4	2.9	7.2	8.7	10.1
165°	2.9	2.9	5.8	7.2	8.7
167.5°	2.9	2.9	4.3	5.8	7.2
170°	2.9	2.9	4.3	4.3	5.8
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)