

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: P566183

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566183
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-15)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-26SL-FDL-UNV-L835-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

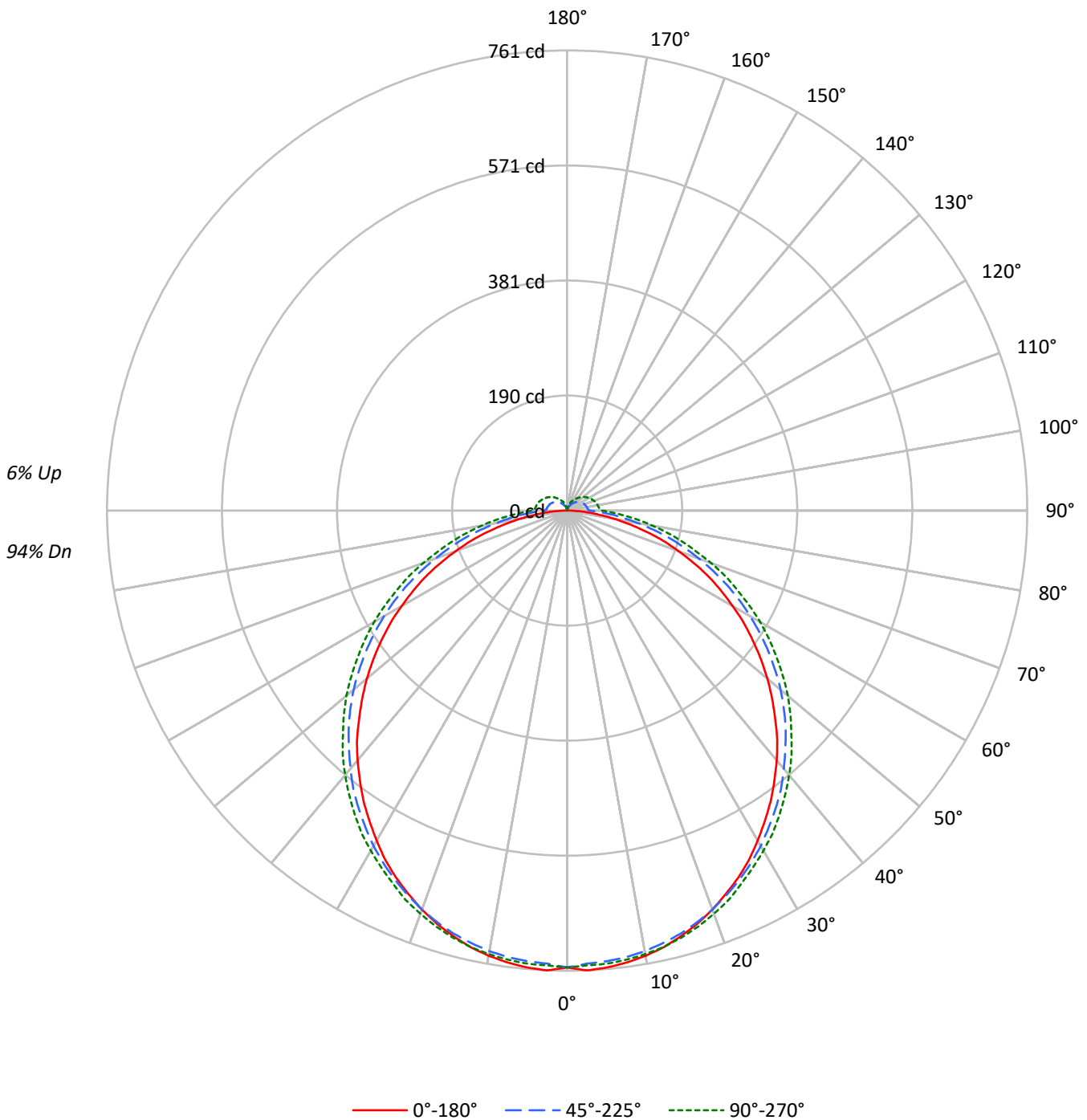
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2401.0 lumens
Efficiency: N/A
Efficacy: 146.4 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.28 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.04')
CIE Type: Direct

Input Watts (W): 16.4
Input Voltage (V): NR
Input Current (A_{in}): 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	0
RCR																		
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	107	102	97	93	103	99	95	91	93	90	87	88	86	83	84	82	80	77
2	97	88	81	75	93	86	79	74	81	76	71	77	73	69	73	69	66	64
3	88	77	69	62	85	75	67	61	71	65	59	68	62	57	64	60	56	53
4	80	68	59	52	78	66	58	52	63	56	50	60	54	49	57	52	48	45
5	74	61	52	45	71	59	51	44	56	49	43	54	47	42	51	46	41	39
6	68	55	46	39	66	53	45	39	51	43	38	49	42	37	47	41	36	34
7	63	49	41	34	61	48	40	34	46	39	33	44	38	33	43	37	32	30
8	59	45	36	31	57	44	36	30	42	35	30	41	34	29	39	33	29	27
9	55	41	33	27	53	40	33	27	39	32	27	37	31	26	36	30	26	24
10	51	38	30	25	50	37	30	25	36	29	24	35	28	24	33	28	24	22

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	8132	8132	8132
5°	8188	7998	8010
10°	8155	7911	7909
15°	8093	7811	7797
20°	8011	7691	7663
25°	7915	7558	7506
30°	7785	7422	7362
35°	7655	7263	7210
40°	7509	7088	7039
45°	7328	6914	6841
50°	7152	6716	6658
55°	6934	6471	6406
60°	6689	6190	6158
65°	6430	5857	5817
70°	5985	5435	5461
75°	5448	4940	5036
80°	4653	4284	4566
85°	3664	3713	4013



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.7	3.0
10°-20°	205.6	8.6
20°-30°	311.6	13.0
30°-40°	376.2	15.7
40°-50°	392.8	16.4
50°-60°	360.9	15.0
60°-70°	285.4	11.9
70°-80°	180.6	7.5
80°-90°	77.6	3.2
90°-100°	34.2	1.4
100°-110°	30.6	1.3
110°-120°	25.8	1.1
120°-130°	20.1	0.8
130°-140°	13.9	0.6
140°-150°	8.4	0.3
150°-160°	4.1	0.2
160°-170°	1.4	0.1
170°-180°	0.2	0.0
0°-30°	588.9	24.5
0°-40°	965.0	40.2
0°-60°	1718.7	71.6
0°-90°	2262.3	94.2
90°-120°	90.6	3.8
90°-150°	133.0	5.5
90°-180°	139.0	5.8
0°-180°	2401.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	756	756	756	756	756	
5°	758	756	748	755	752	72
15°	728	728	724	732	731	205
25°	670	673	674	682	681	308
35°	587	594	601	611	613	367
45°	486	498	511	521	524	376
55°	375	390	406	420	423	335
65°	258	272	292	305	310	254
75°	136	152	174	189	196	144
85°	33	51	73	89	94	37
90°	2	18	37	52	58	3
95°	0	16	34	48	53	0
105°	0	14	32	45	49	0
115°	0	12	29	40	45	0
125°	1	11	24	35	39	1
135°	1	8	20	28	31	1
145°	1	6	14	21	23	1
155°	1	4	9	13	16	0
165°	1	3	5	6	9	0
175°	1	2	2	2	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	755.5	755.5	755.5	755.5	755.5
2.5°	761.1	758.5	750.0	756.0	753.0
5°	758.5	756.4	748.3	754.7	752.1
7.5°	753.8	752.1	744.9	751.7	749.2
10°	747.5	746.2	739.8	746.6	744.9
12.5°	739.4	739.0	732.6	740.2	739.0
15°	728.3	728.3	724.5	732.2	730.9
17.5°	716.4	716.9	713.9	722.0	721.1
20°	702.0	704.1	702.0	710.5	709.6
22.5°	686.2	689.2	688.4	696.9	697.3
25°	669.7	672.6	673.5	682.4	681.1
27.5°	651.4	656.1	657.8	665.8	665.4
30°	630.1	636.5	640.3	647.1	649.3
32.5°	608.4	616.1	620.8	630.1	632.7
35°	586.8	593.6	601.2	610.6	612.7
37.5°	562.9	570.6	580.8	589.7	592.3
40°	539.1	547.6	557.4	567.2	571.0
42.5°	514.5	523.4	534.0	545.5	549.3
45°	486.4	498.3	511.1	520.8	524.3
47.5°	459.6	472.8	486.4	497.0	500.9
50°	432.4	446.4	460.9	470.7	476.6
52.5°	403.9	419.2	433.7	446.0	449.8
55°	375.0	390.3	406.5	419.7	422.6
57.5°	346.9	361.8	378.0	390.3	396.3
60°	316.3	332.5	349.9	362.3	368.6
62.5°	286.6	302.3	321.0	334.2	339.3
65°	258.1	272.5	291.7	305.3	310.0
67.5°	226.6	243.2	261.5	277.2	283.2
70°	195.6	211.3	232.1	247.0	253.0
72.5°	166.7	182.0	202.8	217.7	223.2
75°	136.1	152.2	174.3	189.2	196.4
77.5°	106.7	124.6	145.8	162.0	170.1
80°	79.5	95.2	118.2	136.1	143.3
82.5°	54.0	71.0	94.8	111.4	119.5
85°	33.2	51.0	73.1	88.9	94.4
87.5°	15.7	32.7	53.1	68.5	75.3
90°	2.1	18.3	37.4	52.3	57.8
92.5°	0.4	15.7	34.4	48.5	53.6
95°	0.4	15.7	34.0	47.6	52.7
97.5°	0.4	15.3	33.6	47.2	51.9
100°	0.4	14.9	33.2	46.3	51.4
102.5°	0.4	14.9	32.3	45.5	50.2
105°	0.4	14.5	31.9	44.6	49.3
107.5°	0.4	14.0	31.0	43.8	48.5
110°	0.4	13.2	30.6	42.5	47.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	12.8	29.8	41.7	45.9
115°	0.4	12.3	28.9	40.4	44.6
117.5°	0.4	11.9	27.6	39.1	43.4
120°	0.9	11.9	26.8	37.8	41.7
122.5°	0.9	11.5	25.5	36.1	40.0
125°	0.9	11.1	24.2	34.9	38.7
127.5°	0.9	10.6	23.0	33.2	36.6
130°	0.9	9.8	22.1	31.5	34.9
132.5°	0.9	9.4	20.8	29.3	32.7
135°	0.9	8.5	19.6	27.6	31.0
137.5°	0.9	8.1	18.3	25.9	28.9
140°	0.9	7.7	16.6	24.2	27.2
142.5°	0.9	6.8	15.3	22.5	25.1
145°	0.9	6.4	13.6	20.8	23.0
147.5°	0.9	5.5	12.3	19.1	21.3
150°	0.9	5.1	11.1	17.4	19.6
152.5°	0.9	4.7	9.8	15.3	17.4
155°	0.9	4.3	8.9	13.2	15.7
157.5°	0.9	3.8	7.7	11.5	14.0
160°	1.3	3.4	6.8	9.8	11.9
162.5°	1.3	3.0	5.5	8.1	10.6
165°	1.3	3.0	4.7	6.4	8.9
167.5°	1.3	2.6	3.8	5.1	7.2
170°	1.3	2.1	3.4	3.8	5.5
172.5°	1.3	1.7	2.6	2.6	3.0
175°	1.3	1.7	2.1	2.1	1.3
177.5°	1.3	1.3	1.3	1.3	0.9
180°	1.3	1.3	1.3	1.3	1.3

(END OF REPORT)