

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: P566184

Luminaire Tested: **4SNX-26SL-FDL-UNV-L840-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566184
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-L840-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 80CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

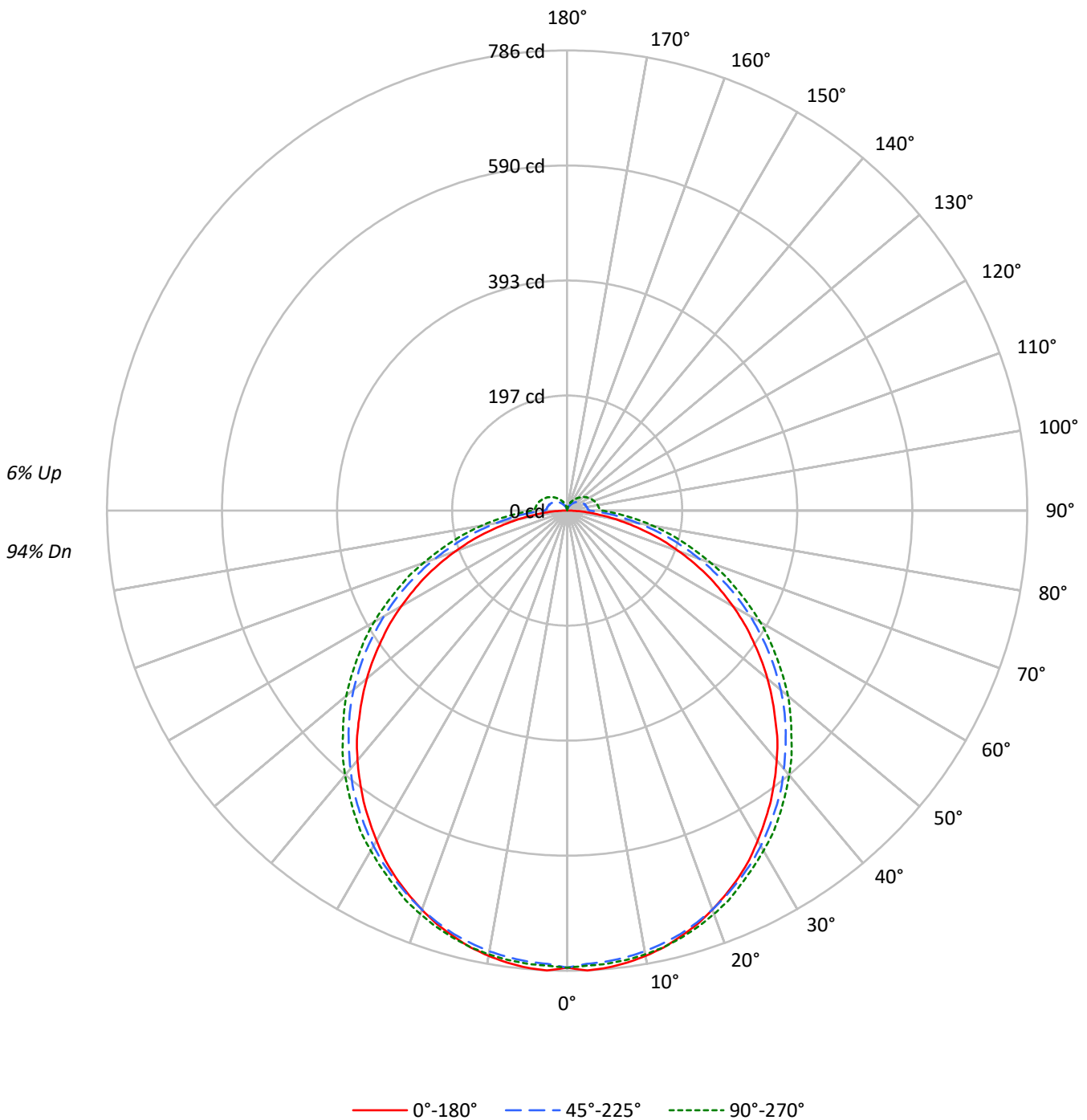
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2481.0 lumens
Efficiency: N/A
Efficacy: 151.3 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°	8403	8403	8403
5°	8461	8265	8277
10°	8427	8175	8173
15°	8363	8072	8056
20°	8278	7947	7919
25°	8179	7809	7756
30°	8044	7670	7607
35°	7909	7505	7450
40°	7760	7324	7273
45°	7572	7144	7068
50°	7390	6940	6881
55°	7165	6686	6620
60°	6913	6397	6363
65°	6644	6052	6010
70°	6183	5617	5643
75°	5629	5105	5205
80°	4811	4426	4719
85°	3785	3840	4145



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.0	3.0
10°-20°	212.5	8.6
20°-30°	322.0	13.0
30°-40°	388.7	15.7
40°-50°	405.9	16.4
50°-60°	372.9	15.0
60°-70°	294.9	11.9
70°-80°	186.6	7.5
80°-90°	80.2	3.2
90°-100°	35.3	1.4
100°-110°	31.6	1.3
110°-120°	26.7	1.1
120°-130°	20.8	0.8
130°-140°	14.4	0.6
140°-150°	8.6	0.3
150°-160°	4.2	0.2
160°-170°	1.5	0.1
170°-180°	0.2	0.0
0°-30°	608.5	24.5
0°-40°	997.2	40.2
0°-60°	1776.0	71.6
0°-90°	2337.7	94.2
90°-120°	93.6	3.8
90°-150°	137.4	5.5
90°-180°	143.0	5.8
0°-180°	2481.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	781	781	781	781	781	
5°	784	782	773	780	777	74
15°	753	753	749	757	755	212
25°	692	695	696	705	704	319
35°	606	613	621	631	633	379
45°	503	515	528	538	542	388
55°	388	403	420	434	437	347
65°	267	282	301	316	320	263
75°	141	157	180	196	203	149
85°	34	53	76	92	98	38
90°	2	19	39	54	60	3
95°	0	16	35	49	54	0
105°	0	15	33	46	51	0
115°	0	13	30	42	46	0
125°	1	11	25	36	40	1
135°	1	9	20	29	32	1
145°	1	7	14	22	24	1
155°	1	4	9	14	16	0
165°	1	3	5	7	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°	780.7	780.7	780.7	780.7	780.7
2.5°	786.4	783.8	775.0	781.2	778.1
5°	783.8	781.6	773.3	779.8	777.2
7.5°	779.0	777.2	769.7	776.8	774.1
10°	772.4	771.1	764.5	771.5	769.7
12.5°	764.0	763.6	757.0	764.9	763.6
15°	752.6	752.6	748.7	756.6	755.2
17.5°	740.3	740.7	737.7	746.0	745.1
20°	725.4	727.6	725.4	734.2	733.3
22.5°	709.1	712.2	711.3	720.1	720.5
25°	692.0	695.1	695.9	705.2	703.8
27.5°	673.1	677.9	679.7	688.0	687.6
30°	651.1	657.7	661.7	668.7	670.9
32.5°	628.7	636.6	641.5	651.1	653.8
35°	606.3	613.3	621.2	630.9	633.1
37.5°	581.7	589.6	600.2	609.4	612.0
40°	557.1	565.9	576.0	586.1	590.0
42.5°	531.6	540.8	551.8	563.7	567.6
45°	502.6	514.9	528.1	538.2	541.7
47.5°	474.9	488.6	502.6	513.6	517.6
50°	446.8	461.3	476.3	486.4	492.5
52.5°	417.4	433.2	448.1	460.9	464.8
55°	387.5	403.3	420.0	433.6	436.7
57.5°	358.5	373.9	390.6	403.3	409.5
60°	326.9	343.6	361.6	374.3	380.9
62.5°	296.1	312.4	331.7	345.3	350.6
65°	266.7	281.6	301.4	315.5	320.3
67.5°	234.2	251.3	270.2	286.5	292.6
70°	202.1	218.4	239.9	255.3	261.4
72.5°	172.2	188.0	209.6	224.9	230.7
75°	140.6	157.3	180.1	195.5	203.0
77.5°	110.3	128.7	150.7	167.4	175.7
80°	82.2	98.4	122.1	140.6	148.1
82.5°	55.8	73.4	98.0	115.1	123.5
85°	34.3	52.7	75.6	91.8	97.5
87.5°	16.3	33.8	54.9	70.7	77.8
90°	2.2	18.9	38.7	54.0	59.8
92.5°	0.4	16.3	35.6	50.1	55.4
95°	0.4	16.3	35.1	49.2	54.5
97.5°	0.4	15.8	34.7	48.8	53.6
100°	0.4	15.4	34.3	47.9	53.2
102.5°	0.4	15.4	33.4	47.0	51.8
105°	0.4	14.9	33.0	46.1	51.0
107.5°	0.4	14.5	32.1	45.3	50.1
110°	0.4	13.6	31.6	43.9	48.8



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	13.2	30.8	43.1	47.4
115°	0.4	12.7	29.9	41.7	46.1
117.5°	0.4	12.3	28.6	40.4	44.8
120°	0.9	12.3	27.7	39.1	43.1
122.5°	0.9	11.9	26.4	37.3	41.3
125°	0.9	11.4	25.0	36.0	40.0
127.5°	0.9	11.0	23.7	34.3	37.8
130°	0.9	10.1	22.8	32.5	36.0
132.5°	0.9	9.7	21.5	30.3	33.8
135°	0.9	8.8	20.2	28.6	32.1
137.5°	0.9	8.3	18.9	26.8	29.9
140°	0.9	7.9	17.1	25.0	28.1
142.5°	0.9	7.0	15.8	23.3	25.9
145°	0.9	6.6	14.1	21.5	23.7
147.5°	0.9	5.7	12.7	19.8	22.0
150°	0.9	5.3	11.4	18.0	20.2
152.5°	0.9	4.8	10.1	15.8	18.0
155°	0.9	4.4	9.2	13.6	16.3
157.5°	0.9	4.0	7.9	11.9	14.5
160°	1.3	3.5	7.0	10.1	12.3
162.5°	1.3	3.1	5.7	8.3	11.0
165°	1.3	3.1	4.8	6.6	9.2
167.5°	1.3	2.6	4.0	5.3	7.5
170°	1.3	2.2	3.5	4.0	5.7
172.5°	1.3	1.8	2.6	2.6	3.1
175°	1.3	1.8	2.2	2.2	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)