

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: P566189

Luminaire Tested: **4SNX-26SL-FDL-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566189
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-L950-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

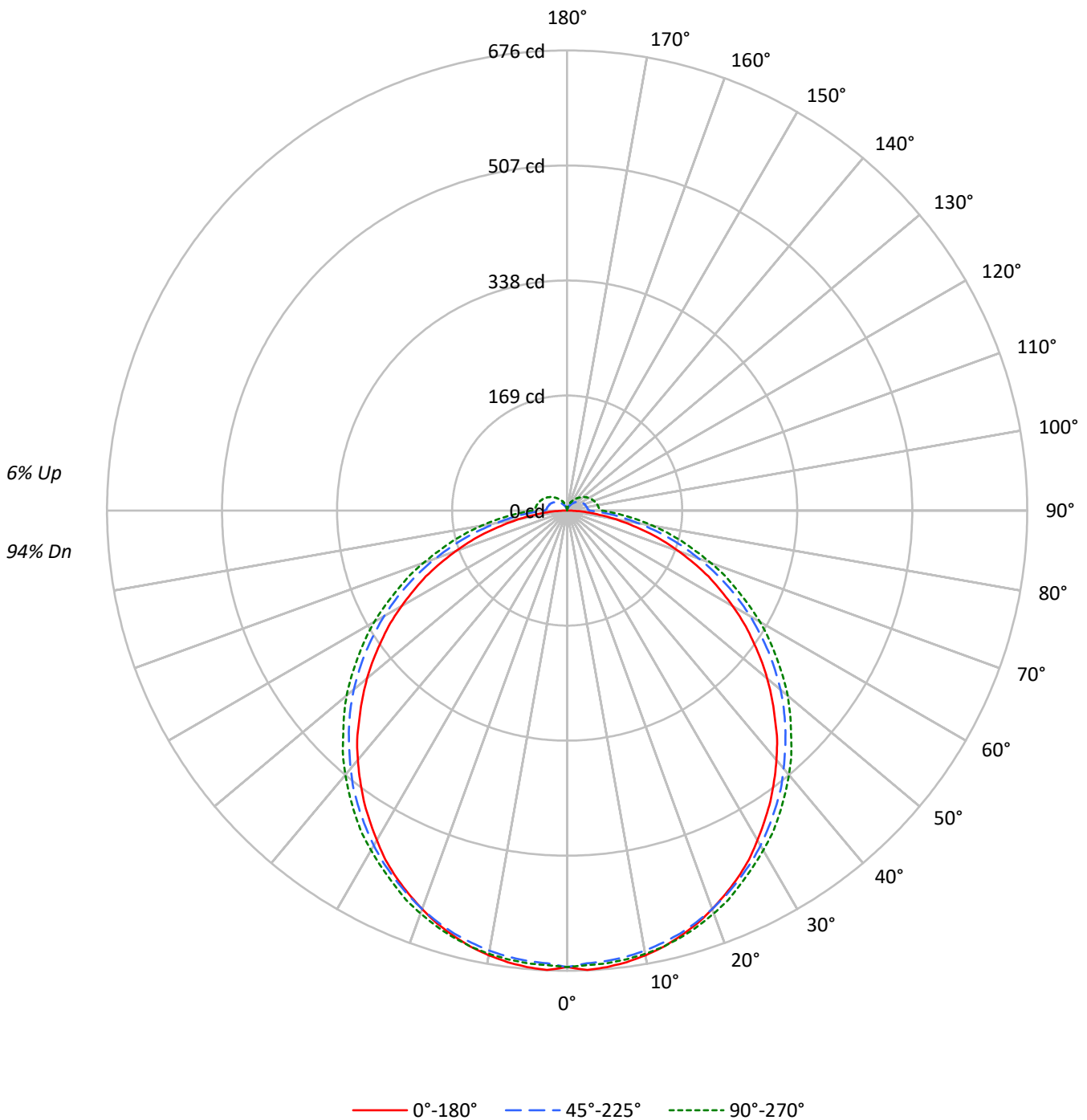
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2131.0 lumens
Efficiency: N/A
Efficacy: 129.9 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	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°	7218	7218	7218
5°	7267	7099	7110
10°	7238	7022	7021
15°	7183	6933	6920
20°	7109	6825	6802
25°	7025	6708	6662
30°	6910	6587	6533
35°	6794	6446	6399
40°	6665	6290	6247
45°	6504	6137	6071
50°	6348	5961	5910
55°	6154	5744	5686
60°	5938	5495	5466
65°	5708	5198	5162
70°	5311	4824	4846
75°	4836	4385	4469
80°	4132	3802	4053
85°	3245	3297	3563



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.6	3.0
10°-20°	182.5	8.6
20°-30°	276.6	13.0
30°-40°	333.9	15.7
40°-50°	348.6	16.4
50°-60°	320.3	15.0
60°-70°	253.3	11.9
70°-80°	160.3	7.5
80°-90°	68.9	3.2
90°-100°	30.3	1.4
100°-110°	27.1	1.3
110°-120°	22.9	1.1
120°-130°	17.9	0.8
130°-140°	12.4	0.6
140°-150°	7.4	0.3
150°-160°	3.6	0.2
160°-170°	1.3	0.1
170°-180°	0.2	0.0
0°-30°	522.6	24.5
0°-40°	856.5	40.2
0°-60°	1525.4	71.6
0°-90°	2007.9	94.2
90°-120°	80.4	3.8
90°-150°	118.1	5.5
90°-180°	123.0	5.8
0°-180°	2131.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	671	671	671	671	671	
5°	673	671	664	670	668	64
15°	646	646	643	650	649	182
25°	594	597	598	606	604	274
35°	521	527	534	542	544	326
45°	432	442	454	462	465	333
55°	333	346	361	372	375	298
65°	229	242	259	271	275	226
75°	121	135	155	168	174	128
85°	29	45	65	79	84	33
90°	2	16	33	46	51	2
95°	0	14	30	42	47	0
105°	0	13	28	40	44	0
115°	0	11	26	36	40	0
125°	1	10	22	31	34	1
135°	1	8	17	24	28	1
145°	1	6	12	18	20	1
155°	1	4	8	12	14	0
165°	1	3	4	6	8	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°	670.6	670.6	670.6	670.6	670.6
2.5°	675.5	673.2	665.7	671.0	668.3
5°	673.2	671.3	664.2	669.8	667.6
7.5°	669.1	667.6	661.2	667.2	664.9
10°	663.4	662.3	656.6	662.7	661.2
12.5°	656.2	655.9	650.2	657.0	655.9
15°	646.4	646.4	643.0	649.8	648.7
17.5°	635.9	636.2	633.6	640.8	640.0
20°	623.0	624.9	623.0	630.6	629.8
22.5°	609.1	611.7	611.0	618.5	618.9
25°	594.4	597.0	597.8	605.7	604.5
27.5°	578.1	582.3	583.8	591.0	590.6
30°	559.3	564.9	568.3	574.4	576.2
32.5°	540.0	546.8	551.0	559.3	561.5
35°	520.8	526.8	533.6	541.9	543.8
37.5°	499.6	506.4	515.5	523.4	525.7
40°	478.5	486.1	494.7	503.4	506.8
42.5°	456.6	464.5	474.0	484.2	487.6
45°	431.7	442.3	453.6	462.3	465.3
47.5°	407.9	419.6	431.7	441.1	444.5
50°	383.8	396.2	409.1	417.7	423.0
52.5°	358.5	372.1	384.9	395.9	399.3
55°	332.8	346.4	360.8	372.5	375.1
57.5°	307.9	321.1	335.5	346.4	351.7
60°	280.8	295.1	310.6	321.5	327.2
62.5°	254.3	268.3	284.9	296.6	301.1
65°	229.1	241.9	258.9	271.0	275.1
67.5°	201.1	215.9	232.1	246.0	251.3
70°	173.6	187.6	206.0	219.3	224.5
72.5°	147.9	161.5	180.0	193.2	198.1
75°	120.8	135.1	154.7	167.9	174.3
77.5°	94.7	110.6	129.4	143.8	150.9
80°	70.6	84.5	104.9	120.8	127.2
82.5°	47.9	63.0	84.2	98.9	106.0
85°	29.4	45.3	64.9	78.9	83.8
87.5°	14.0	29.1	47.2	60.8	66.8
90°	1.9	16.2	33.2	46.4	51.3
92.5°	0.4	14.0	30.6	43.0	47.5
95°	0.4	14.0	30.2	42.3	46.8
97.5°	0.4	13.6	29.8	41.9	46.0
100°	0.4	13.2	29.4	41.1	45.7
102.5°	0.4	13.2	28.7	40.4	44.5
105°	0.4	12.8	28.3	39.6	43.8
107.5°	0.4	12.5	27.5	38.9	43.0
110°	0.4	11.7	27.2	37.7	41.9



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	11.3	26.4	37.0	40.8
115°	0.4	10.9	25.7	35.9	39.6
117.5°	0.4	10.6	24.5	34.7	38.5
120°	0.8	10.6	23.8	33.6	37.0
122.5°	0.8	10.2	22.6	32.1	35.5
125°	0.8	9.8	21.5	30.9	34.3
127.5°	0.8	9.4	20.4	29.4	32.5
130°	0.8	8.7	19.6	27.9	30.9
132.5°	0.8	8.3	18.5	26.0	29.1
135°	0.8	7.5	17.4	24.5	27.5
137.5°	0.8	7.2	16.2	23.0	25.7
140°	0.8	6.8	14.7	21.5	24.2
142.5°	0.8	6.0	13.6	20.0	22.3
145°	0.8	5.7	12.1	18.5	20.4
147.5°	0.8	4.9	10.9	17.0	18.9
150°	0.8	4.5	9.8	15.5	17.4
152.5°	0.8	4.2	8.7	13.6	15.5
155°	0.8	3.8	7.9	11.7	14.0
157.5°	0.8	3.4	6.8	10.2	12.5
160°	1.1	3.0	6.0	8.7	10.6
162.5°	1.1	2.6	4.9	7.2	9.4
165°	1.1	2.6	4.2	5.7	7.9
167.5°	1.1	2.3	3.4	4.5	6.4
170°	1.1	1.9	3.0	3.4	4.9
172.5°	1.1	1.5	2.3	2.3	2.6
175°	1.1	1.5	1.9	1.9	1.1
177.5°	1.1	1.1	1.1	1.1	0.8
180°	1.1	1.1	1.1	1.1	1.1

(END OF REPORT)