

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: P566187

Luminaire Tested: **4SNX-26SL-FDL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566187
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-L935-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND FDL LENS
Light Source: -
Ballast/Driver: -

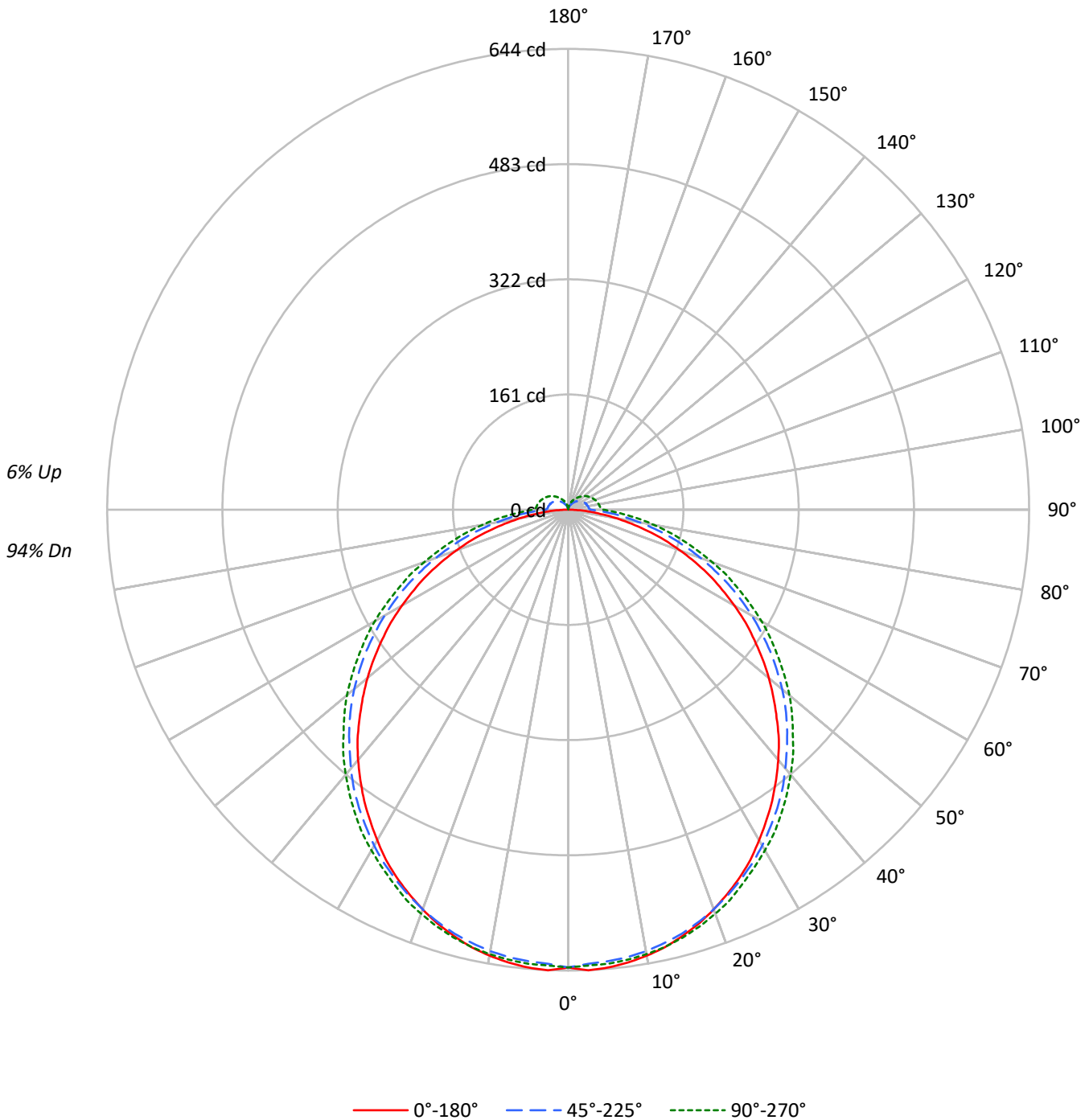
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2033.0 lumens
Efficiency: N/A
Efficacy: 124.0 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	50	30	10	0		
RCR																										
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94					94			
1	107	102	97	93	103	99	95	91	93	90	87	88	86	83	84	82	80	77					77			
2	97	88	81	75	93	86	79	74	81	76	71	77	73	69	73	69	66	64					64			
3	88	77	69	62	85	75	67	61	71	65	59	68	62	57	64	60	56	53					53			
4	80	68	59	52	78	66	58	52	63	56	50	60	54	49	57	52	48	45					45			
5	74	61	52	45	71	59	51	44	56	49	43	54	47	42	51	46	41	39					39			
6	68	55	46	39	66	53	45	39	51	43	38	49	42	37	47	41	36	34					34			
7	63	49	41	34	61	48	40	34	46	39	33	44	38	33	43	37	32	30					30			
8	59	45	36	31	57	44	36	30	42	35	30	41	34	29	39	33	29	27					27			
9	55	41	33	27	53	40	33	27	39	32	27	37	31	26	36	30	26	24					24			
10	51	38	30	25	50	37	30	25	36	29	24	35	28	24	33	28	24	22					22			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6886	6886	6886
5°	6934	6772	6783
10°	6905	6699	6697
15°	6853	6615	6602
20°	6783	6512	6489
25°	6702	6400	6355
30°	6591	6285	6233
35°	6481	6150	6105
40°	6359	6002	5960
45°	6205	5854	5792
50°	6055	5687	5639
55°	5871	5479	5425
60°	5665	5242	5214
65°	5444	4959	4925
70°	5067	4604	4624
75°	4612	4183	4264
80°	3939	3628	3865
85°	3101	3144	3397



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.7	3.0
10°-20°	174.1	8.6
20°-30°	263.8	13.0
30°-40°	318.5	15.7
40°-50°	332.6	16.4
50°-60°	305.6	15.0
60°-70°	241.6	11.9
70°-80°	152.9	7.5
80°-90°	65.7	3.2
90°-100°	28.9	1.4
100°-110°	25.9	1.3
110°-120°	21.9	1.1
120°-130°	17.0	0.8
130°-140°	11.8	0.6
140°-150°	7.1	0.3
150°-160°	3.5	0.2
160°-170°	1.2	0.1
170°-180°	0.2	0.0
0°-30°	498.6	24.5
0°-40°	817.1	40.2
0°-60°	1455.3	71.6
0°-90°	1915.5	94.2
90°-120°	76.7	3.8
90°-150°	112.6	5.5
90°-180°	117.0	5.8
0°-180°	2033.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	640	640	640	640	640	
5°	642	640	634	639	637	61
15°	617	617	614	620	619	174
25°	567	570	570	578	577	261
35°	497	503	509	517	519	311
45°	412	422	433	441	444	318
55°	318	330	344	355	358	284
65°	218	231	247	258	262	215
75°	115	129	148	160	166	122
85°	28	43	62	75	80	31
90°	2	16	32	44	49	2
95°	0	13	29	40	45	0
105°	0	12	27	38	42	0
115°	0	10	24	34	38	0
125°	1	9	20	30	33	1
135°	1	7	17	23	26	1
145°	1	5	12	18	19	0
155°	1	4	8	11	13	0
165°	1	2	4	5	8	0
175°	1	1	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°	639.7	639.7	639.7	639.7	639.7
2.5°	644.4	642.3	635.1	640.1	637.6
5°	642.3	640.5	633.6	639.0	636.9
7.5°	638.3	636.9	630.7	636.5	634.3
10°	632.9	631.8	626.4	632.2	630.7
12.5°	626.1	625.7	620.3	626.8	625.7
15°	616.7	616.7	613.5	619.9	618.9
17.5°	606.6	607.0	604.5	611.3	610.6
20°	594.4	596.2	594.4	601.6	600.9
22.5°	581.1	583.6	582.9	590.1	590.4
25°	567.0	569.5	570.3	577.8	576.7
27.5°	551.5	555.5	556.9	563.8	563.4
30°	533.5	538.9	542.2	547.9	549.7
32.5°	515.2	521.7	525.6	533.5	535.7
35°	496.8	502.6	509.1	517.0	518.8
37.5°	476.7	483.1	491.8	499.3	501.5
40°	456.5	463.7	472.0	480.3	483.5
42.5°	435.6	443.2	452.2	461.9	465.1
45°	411.9	421.9	432.7	441.0	443.9
47.5°	389.2	400.3	411.9	420.9	424.1
50°	366.1	378.0	390.3	398.5	403.6
52.5°	342.0	355.0	367.2	377.7	380.9
55°	317.5	330.5	344.2	355.3	357.9
57.5°	293.8	306.4	320.1	330.5	335.5
60°	267.9	281.5	296.3	306.7	312.1
62.5°	242.7	256.0	271.8	283.0	287.3
65°	218.5	230.8	247.0	258.5	262.5
67.5°	191.9	205.9	221.4	234.7	239.8
70°	165.6	178.9	196.6	209.2	214.2
72.5°	141.1	154.1	171.7	184.3	189.0
75°	115.2	128.9	147.6	160.2	166.3
77.5°	90.4	105.5	123.5	137.2	144.0
80°	67.3	80.6	100.1	115.2	121.3
82.5°	45.7	60.1	80.3	94.3	101.2
85°	28.1	43.2	61.9	75.2	79.9
87.5°	13.3	27.7	45.0	58.0	63.7
90°	1.8	15.5	31.7	44.3	49.0
92.5°	0.4	13.3	29.2	41.0	45.4
95°	0.4	13.3	28.8	40.3	44.6
97.5°	0.4	13.0	28.4	40.0	43.9
100°	0.4	12.6	28.1	39.2	43.6
102.5°	0.4	12.6	27.4	38.5	42.5
105°	0.4	12.2	27.0	37.8	41.8
107.5°	0.4	11.9	26.3	37.1	41.0
110°	0.4	11.2	25.9	36.0	40.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	10.8	25.2	35.3	38.9
115°	0.4	10.4	24.5	34.2	37.8
117.5°	0.4	10.1	23.4	33.1	36.7
120°	0.7	10.1	22.7	32.0	35.3
122.5°	0.7	9.7	21.6	30.6	33.8
125°	0.7	9.4	20.5	29.5	32.8
127.5°	0.7	9.0	19.4	28.1	31.0
130°	0.7	8.3	18.7	26.6	29.5
132.5°	0.7	7.9	17.6	24.8	27.7
135°	0.7	7.2	16.6	23.4	26.3
137.5°	0.7	6.8	15.5	22.0	24.5
140°	0.7	6.5	14.0	20.5	23.0
142.5°	0.7	5.8	13.0	19.1	21.2
145°	0.7	5.4	11.5	17.6	19.4
147.5°	0.7	4.7	10.4	16.2	18.0
150°	0.7	4.3	9.4	14.8	16.6
152.5°	0.7	4.0	8.3	13.0	14.8
155°	0.7	3.6	7.6	11.2	13.3
157.5°	0.7	3.2	6.5	9.7	11.9
160°	1.1	2.9	5.8	8.3	10.1
162.5°	1.1	2.5	4.7	6.8	9.0
165°	1.1	2.5	4.0	5.4	7.6
167.5°	1.1	2.2	3.2	4.3	6.1
170°	1.1	1.8	2.9	3.2	4.7
172.5°	1.1	1.4	2.2	2.2	2.5
175°	1.1	1.4	1.8	1.8	1.1
177.5°	1.1	1.1	1.1	1.1	0.7
180°	1.1	1.1	1.1	1.1	1.1

(END OF REPORT)