

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: P566219

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566219
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-26SL-SLW-UNV-L935-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

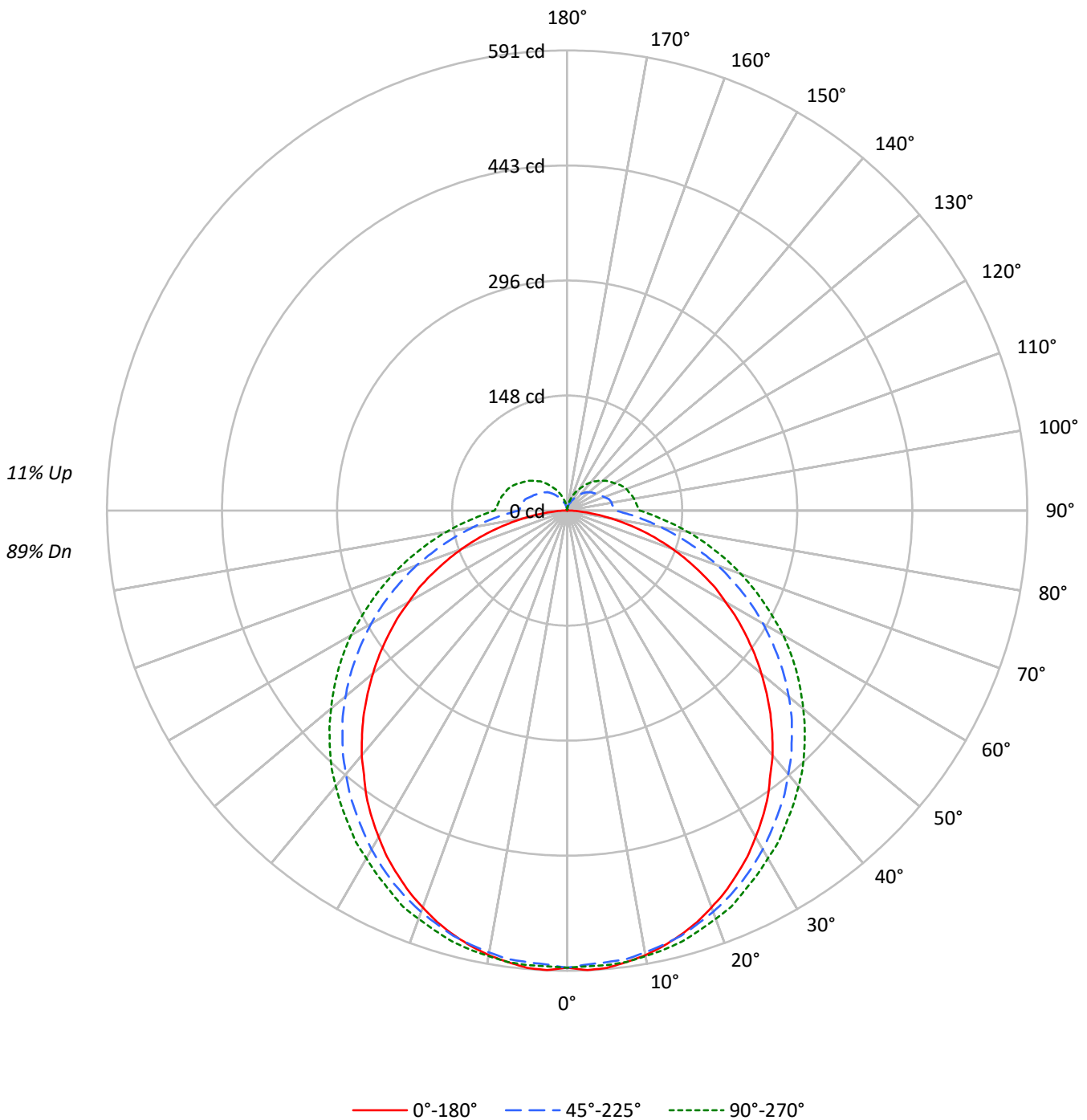
Lumens per Lamp: N/A
Luminaire Lumens: 2090.0 lumens
Efficiency: N/A
Efficacy: 127.4 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

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	116	116	116	116	112	112	112	112	105	105	105		98	98	98		92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83		84	81	79		79	76	74	71
2	95	86	79	73	91	83	77	71	78	72	68		73	68	64		68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56		64	58	54		60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47		57	50	46		53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41		51	44	39		48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35		46	39	34		43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31		42	35	30		39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28		38	32	27		36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25		35	29	24		33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23		32	26	22		31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6319	6319	6319
5°	6358	6156	6152
10°	6314	6033	5999
15°	6251	5905	5860
20°	6165	5759	5703
25°	6066	5615	5540
30°	5947	5458	5379
35°	5817	5295	5226
40°	5668	5133	5082
45°	5506	4970	4924
50°	5321	4797	4749
55°	5118	4590	4577
60°	4879	4367	4385
65°	4633	4117	4142
70°	4287	3843	3906
75°	3833	3494	3642
80°	3089	3140	3384
85°	2176	2835	3117



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.8	2.7
10°-20°	160.3	7.7
20°-30°	243.7	11.7
30°-40°	295.8	14.2
40°-50°	312.6	15.0
50°-60°	292.5	14.0
60°-70°	240.0	11.5
70°-80°	165.1	7.9
80°-90°	90.4	4.3
90°-100°	58.2	2.8
100°-110°	52.2	2.5
110°-120°	43.2	2.1
120°-130°	33.3	1.6
130°-140°	23.4	1.1
140°-150°	14.1	0.7
150°-160°	6.8	0.3
160°-170°	2.2	0.1
170°-180°	0.3	0.0
0°-30°	459.8	22.0
0°-40°	755.6	36.2
0°-60°	1360.7	65.1
0°-90°	1856.3	88.8
90°-120°	153.7	7.4
90°-150°	224.5	10.7
90°-180°	234.0	11.2
0°-180°	2090.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	587	587	587	587	587	
5°	590	588	582	587	586	56
15°	564	566	565	573	573	159
25°	516	522	528	539	539	238
35°	449	460	473	487	490	281
45°	369	386	408	426	431	285
55°	281	304	332	352	360	251
65°	190	216	248	271	278	188
75°	99	126	162	188	196	105
85°	22	52	88	113	121	25
90°	0	29	62	85	93	1
95°	0	28	59	81	90	0
105°	0	23	56	76	84	1
115°	1	21	47	68	76	1
125°	1	17	40	58	65	1
135°	1	13	33	47	53	1
145°	1	10	23	36	40	1
155°	1	6	14	23	27	1
165°	1	4	7	11	13	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°	587.1	587.1	587.1	587.1	587.1
2.5°	590.7	589.5	583.5	588.3	585.9
5°	589.5	588.3	582.2	587.1	585.9
7.5°	584.7	584.7	581.0	585.9	584.7
10°	579.8	579.8	576.2	582.2	581.0
12.5°	572.6	573.8	571.3	578.6	577.4
15°	564.1	566.5	565.3	572.6	572.6
17.5°	554.4	556.8	556.8	565.3	565.3
20°	542.3	545.9	548.4	558.0	558.0
22.5°	530.2	535.0	538.7	547.1	550.8
25°	515.7	521.7	527.8	538.7	538.7
27.5°	501.1	508.4	515.7	526.6	527.8
30°	484.2	492.7	502.4	513.2	515.7
32.5°	467.2	478.1	487.8	501.1	504.8
35°	449.1	460.0	473.3	486.6	490.2
37.5°	428.5	441.8	458.8	473.3	476.9
40°	410.4	424.9	441.8	458.8	462.4
42.5°	389.8	405.5	426.1	441.8	447.9
45°	369.2	386.1	407.9	426.1	430.9
47.5°	347.4	366.8	391.0	407.9	414.0
50°	325.6	346.2	371.6	391.0	395.8
52.5°	303.8	325.6	352.3	371.6	377.7
55°	280.8	303.8	331.7	352.3	359.5
57.5°	259.0	282.0	311.1	332.9	340.1
60°	234.8	261.5	290.5	312.3	320.8
62.5°	214.3	238.5	269.9	291.7	299.0
65°	190.0	215.5	248.1	271.1	278.4
67.5°	167.0	193.7	226.4	250.6	257.8
70°	144.0	170.7	205.8	228.8	237.3
72.5°	121.0	148.9	182.8	208.2	216.7
75°	99.3	125.9	162.2	187.6	196.1
77.5°	76.3	105.3	141.6	167.0	176.7
80°	55.7	85.9	122.3	147.7	157.4
82.5°	37.5	67.8	104.1	129.5	139.2
85°	21.8	52.1	88.4	112.6	121.0
87.5°	10.9	39.9	73.8	98.0	106.5
90°	0.0	29.1	61.7	84.7	93.2
92.5°	0.0	27.8	60.5	82.3	90.8
95°	0.0	27.8	59.3	81.1	89.6
97.5°	0.0	26.6	58.1	81.1	88.4
100°	0.0	25.4	58.1	79.9	87.2
102.5°	0.0	24.2	56.9	78.7	85.9
105°	0.0	23.0	55.7	76.3	83.5
107.5°	1.2	23.0	53.3	75.1	82.3
110°	1.2	21.8	50.8	73.8	81.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	20.6	48.4	71.4	78.7
115°	1.2	20.6	47.2	67.8	76.3
117.5°	1.2	19.4	44.8	65.4	73.8
120°	1.2	19.4	43.6	62.9	70.2
122.5°	1.2	18.2	41.2	60.5	67.8
125°	1.2	16.9	39.9	58.1	65.4
127.5°	1.2	15.7	38.7	55.7	62.9
130°	1.2	14.5	36.3	53.3	59.3
132.5°	1.2	14.5	35.1	49.6	56.9
135°	1.2	13.3	32.7	47.2	53.3
137.5°	1.2	12.1	30.3	44.8	50.8
140°	1.2	10.9	27.8	42.4	47.2
142.5°	1.2	10.9	25.4	38.7	43.6
145°	1.2	9.7	23.0	36.3	39.9
147.5°	1.2	8.5	20.6	32.7	36.3
150°	1.2	8.5	18.2	29.1	32.7
152.5°	1.2	7.3	15.7	26.6	30.3
155°	1.2	6.1	14.5	23.0	26.6
157.5°	1.2	6.1	12.1	19.4	23.0
160°	1.2	4.8	10.9	15.7	19.4
162.5°	1.2	4.8	9.7	13.3	16.9
165°	1.2	3.6	7.3	10.9	13.3
167.5°	1.2	3.6	6.1	8.5	10.9
170°	1.2	2.4	4.8	6.1	8.5
172.5°	1.2	2.4	3.6	3.6	3.6
175°	1.2	1.2	2.4	2.4	1.2
177.5°	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)