

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: P566221

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566221
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-L950-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

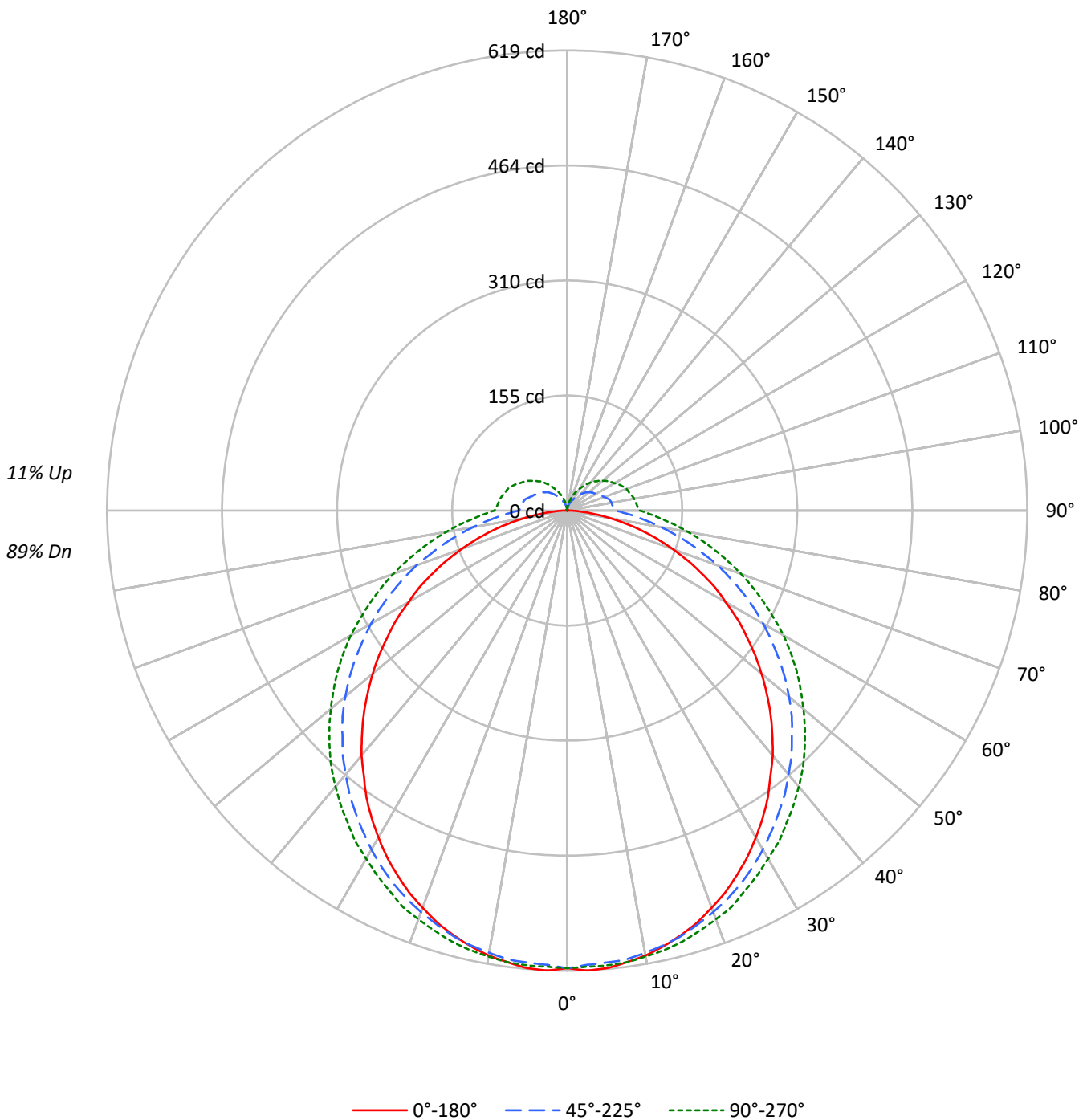
Lumens per Lamp: N/A
Luminaire Lumens: 2191.0 lumens
Efficiency: N/A
Efficacy: 133.6 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 16.4
Input Voltage (V): NR
Input Current (Ain): 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	76	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°	6625	6625	6625
5°	6665	6455	6449
10°	6619	6324	6289
15°	6553	6190	6142
20°	6463	6036	5979
25°	6359	5887	5808
30°	6234	5721	5638
35°	6098	5551	5479
40°	5941	5382	5328
45°	5771	5210	5163
50°	5579	5029	4979
55°	5366	4811	4798
60°	5116	4579	4597
65°	4857	4316	4343
70°	4496	4028	4093
75°	4018	3662	3819
80°	3239	3291	3548
85°	2276	2970	3269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.5	2.7
10°-20°	168.0	7.7
20°-30°	255.5	11.7
30°-40°	310.1	14.2
40°-50°	327.7	15.0
50°-60°	306.7	14.0
60°-70°	251.6	11.5
70°-80°	173.1	7.9
80°-90°	94.8	4.3
90°-100°	61.0	2.8
100°-110°	54.8	2.5
110°-120°	45.3	2.1
120°-130°	34.9	1.6
130°-140°	24.5	1.1
140°-150°	14.8	0.7
150°-160°	7.1	0.3
160°-170°	2.3	0.1
170°-180°	0.3	0.0
0°-30°	482.0	22.0
0°-40°	792.1	36.2
0°-60°	1426.5	65.1
0°-90°	1946.0	88.8
90°-120°	161.1	7.4
90°-150°	235.4	10.7
90°-180°	245.0	11.2
0°-180°	2191.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	616	616	616	616	616	
5°	618	617	610	616	614	59
15°	591	594	593	600	600	167
25°	541	547	553	565	565	249
35°	471	482	496	510	514	294
45°	387	405	428	447	452	298
55°	294	318	348	369	377	263
65°	199	226	260	284	292	197
75°	104	132	170	197	206	110
85°	23	55	93	118	127	26
90°	0	30	65	89	98	2
95°	0	29	62	85	94	0
105°	0	24	58	80	88	1
115°	1	22	50	71	80	1
125°	1	18	42	61	68	1
135°	1	14	34	50	56	1
145°	1	10	24	38	42	1
155°	1	6	15	24	28	1
165°	1	4	8	11	14	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°	615.5	615.5	615.5	615.5	615.5
2.5°	619.3	618.0	611.7	616.7	614.2
5°	618.0	616.7	610.4	615.5	614.2
7.5°	612.9	612.9	609.1	614.2	612.9
10°	607.8	607.8	604.0	610.4	609.1
12.5°	600.2	601.5	599.0	606.6	605.3
15°	591.3	593.9	592.6	600.2	600.2
17.5°	581.2	583.7	583.7	592.6	592.6
20°	568.5	572.3	574.8	585.0	585.0
22.5°	555.8	560.9	564.7	573.6	577.4
25°	540.6	546.9	553.3	564.7	564.7
27.5°	525.4	533.0	540.6	552.0	553.3
30°	507.6	516.5	526.6	538.0	540.6
32.5°	489.8	501.2	511.4	525.4	529.2
35°	470.8	482.2	496.2	510.1	513.9
37.5°	449.2	463.2	480.9	496.2	500.0
40°	430.2	445.4	463.2	480.9	484.8
42.5°	408.6	425.1	446.7	463.2	469.5
45°	387.0	404.8	427.6	446.7	451.8
47.5°	364.2	384.5	409.9	427.6	434.0
50°	341.4	362.9	389.6	409.9	415.0
52.5°	318.5	341.4	369.3	389.6	395.9
55°	294.4	318.5	347.7	369.3	376.9
57.5°	271.6	295.7	326.1	349.0	356.6
60°	246.2	274.1	304.6	327.4	336.3
62.5°	224.6	250.0	283.0	305.8	313.4
65°	199.2	225.9	260.1	284.3	291.9
67.5°	175.1	203.0	237.3	262.7	270.3
70°	151.0	178.9	215.7	239.8	248.7
72.5°	126.9	156.1	191.6	218.3	227.1
75°	104.1	132.0	170.0	196.7	205.6
77.5°	79.9	110.4	148.5	175.1	185.3
80°	58.4	90.1	128.2	154.8	165.0
82.5°	39.3	71.1	109.1	135.8	145.9
85°	22.8	54.6	92.6	118.0	126.9
87.5°	11.4	41.9	77.4	102.8	111.7
90°	0.0	30.5	64.7	88.8	97.7
92.5°	0.0	29.2	63.4	86.3	95.2
95°	0.0	29.2	62.2	85.0	93.9
97.5°	0.0	27.9	60.9	85.0	92.6
100°	0.0	26.6	60.9	83.8	91.4
102.5°	0.0	25.4	59.6	82.5	90.1
105°	0.0	24.1	58.4	79.9	87.6
107.5°	1.3	24.1	55.8	78.7	86.3
110°	1.3	22.8	53.3	77.4	85.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.3	21.6	50.8	74.9	82.5
115°	1.3	21.6	49.5	71.1	79.9
117.5°	1.3	20.3	47.0	68.5	77.4
120°	1.3	20.3	45.7	66.0	73.6
122.5°	1.3	19.0	43.1	63.4	71.1
125°	1.3	17.8	41.9	60.9	68.5
127.5°	1.3	16.5	40.6	58.4	66.0
130°	1.3	15.2	38.1	55.8	62.2
132.5°	1.3	15.2	36.8	52.0	59.6
135°	1.3	14.0	34.3	49.5	55.8
137.5°	1.3	12.7	31.7	47.0	53.3
140°	1.3	11.4	29.2	44.4	49.5
142.5°	1.3	11.4	26.6	40.6	45.7
145°	1.3	10.2	24.1	38.1	41.9
147.5°	1.3	8.9	21.6	34.3	38.1
150°	1.3	8.9	19.0	30.5	34.3
152.5°	1.3	7.6	16.5	27.9	31.7
155°	1.3	6.3	15.2	24.1	27.9
157.5°	1.3	6.3	12.7	20.3	24.1
160°	1.3	5.1	11.4	16.5	20.3
162.5°	1.3	5.1	10.2	14.0	17.8
165°	1.3	3.8	7.6	11.4	14.0
167.5°	1.3	3.8	6.3	8.9	11.4
170°	1.3	2.5	5.1	6.3	8.9
172.5°	1.3	2.5	3.8	3.8	3.8
175°	1.3	1.3	2.5	2.5	1.3
177.5°	1.3	1.3	1.3	1.3	1.3
180°	1.3	1.3	1.3	1.3	1.3

(END OF REPORT)