

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: P566217

Luminaire Tested: **4SNX-26SL-SLW-UNV-L850-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566217  
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-L850-CD  
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 5000K, 80CRI LEDS AND SLW LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

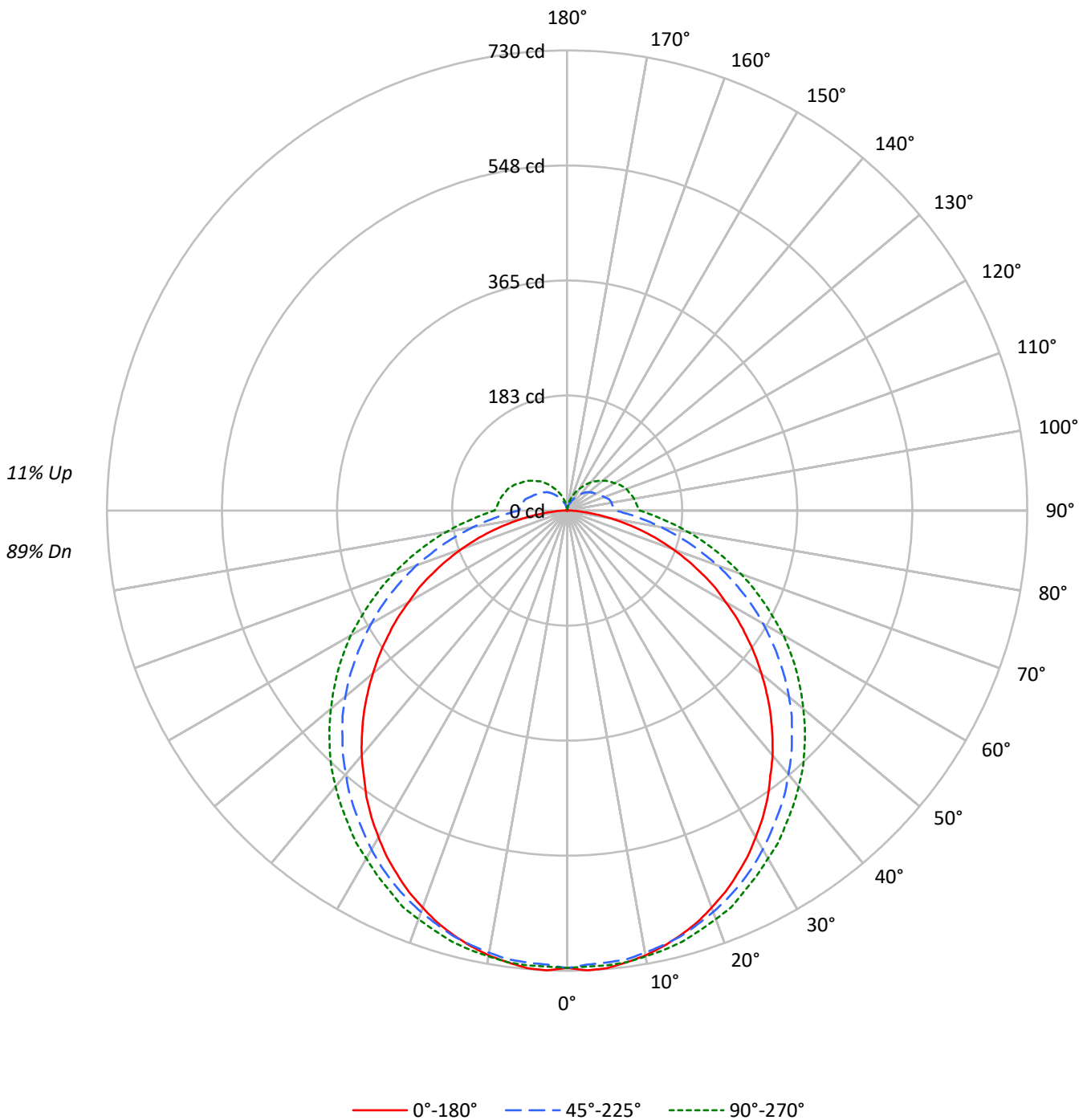
Lumens per Lamp: N/A  
Luminaire Lumens: 2583.0 lumens  
Efficiency: N/A  
Efficacy: 157.5 lumens/watt  
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')  
CIE Type: Semi-Direct

Input Watts (W): 16.4  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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°	7810	7810	7810
5°	7858	7609	7603
10°	7804	7455	7415
15°	7725	7297	7241
20°	7619	7117	7049
25°	7496	6940	6846
30°	7350	6745	6647
35°	7188	6543	6460
40°	7005	6344	6281
45°	6805	6143	6087
50°	6576	5929	5870
55°	6326	5672	5656
60°	6031	5397	5418
65°	5728	5089	5119
70°	5300	4749	4826
75°	4736	4318	4502
80°	3816	3879	4182
85°	2685	3502	3853



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	68.9	2.7
10°-20°	198.1	7.7
20°-30°	301.2	11.7
30°-40°	365.6	14.2
40°-50°	386.4	15.0
50°-60°	361.5	14.0
60°-70°	296.6	11.5
70°-80°	204.0	7.9
80°-90°	111.7	4.3
90°-100°	71.9	2.8
100°-110°	64.5	2.5
110°-120°	53.4	2.1
120°-130°	41.2	1.6
130°-140°	28.9	1.1
140°-150°	17.4	0.7
150°-160°	8.3	0.3
160°-170°	2.7	0.1
170°-180°	0.3	0.0
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0°-30°	568.2	22.0
0°-40°	933.8	36.2
0°-60°	1681.7	65.1
0°-90°	2294.1	88.8
90°-120°	189.9	7.4
90°-150°	277.4	10.7
90°-180°	289.0	11.2
0°-180°	2583.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	726	726	726	726	726	
5°	729	727	720	726	724	69
15°	697	700	699	708	708	197
25°	637	645	652	666	666	294
35°	555	568	585	601	606	347
45°	456	477	504	527	533	352
55°	347	376	410	435	444	311
65°	235	266	307	335	344	233
75°	123	156	200	232	242	129
85°	27	64	109	139	150	31
90°	0	36	76	105	115	2
95°	0	34	73	100	111	0
105°	0	28	69	94	103	1
115°	2	25	58	84	94	1
125°	2	21	49	72	81	1
135°	2	16	40	58	66	1
145°	2	12	28	45	49	1
155°	2	8	18	28	33	1
165°	2	4	9	14	16	0
175°	2	2	3	3	2	0
180°	2	2	2	2	2	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	725.6	725.6	725.6	725.6	725.6
2.5°	730.1	728.6	721.1	727.1	724.1
5°	728.6	727.1	719.6	725.6	724.1
7.5°	722.6	722.6	718.1	724.1	722.6
10°	716.6	716.6	712.1	719.6	718.1
12.5°	707.6	709.1	706.1	715.1	713.6
15°	697.1	700.1	698.6	707.6	707.6
17.5°	685.2	688.2	688.2	698.6	698.6
20°	670.2	674.7	677.7	689.7	689.7
22.5°	655.3	661.2	665.7	676.2	680.7
25°	637.3	644.8	652.3	665.7	665.7
27.5°	619.4	628.3	637.3	650.8	652.3
30°	598.4	608.9	620.8	634.3	637.3
32.5°	577.5	590.9	602.9	619.4	623.8
35°	555.0	568.5	584.9	601.4	605.9
37.5°	529.6	546.0	567.0	584.9	589.4
40°	507.2	525.1	546.0	567.0	571.5
42.5°	481.7	501.2	526.6	546.0	553.5
45°	456.3	477.2	504.2	526.6	532.6
47.5°	429.4	453.3	483.2	504.2	511.6
50°	402.4	427.9	459.3	483.2	489.2
52.5°	375.5	402.4	435.3	459.3	466.8
55°	347.1	375.5	409.9	435.3	444.3
57.5°	320.1	348.6	384.5	411.4	420.4
60°	290.2	323.1	359.0	386.0	396.4
62.5°	264.8	294.7	333.6	360.5	369.5
65°	234.9	266.3	306.7	335.1	344.1
67.5°	206.5	239.4	279.8	309.7	318.7
70°	178.0	210.9	254.3	282.7	293.2
72.5°	149.6	184.0	225.9	257.3	267.8
75°	122.7	155.6	200.5	231.9	242.4
77.5°	94.2	130.2	175.0	206.5	218.4
80°	68.8	106.2	151.1	182.5	194.5
82.5°	46.4	83.8	128.7	160.1	172.0
85°	26.9	64.3	109.2	139.1	149.6
87.5°	13.5	49.4	91.3	121.2	131.6
90°	0.0	35.9	76.3	104.7	115.2
92.5°	0.0	34.4	74.8	101.7	112.2
95°	0.0	34.4	73.3	100.2	110.7
97.5°	0.0	32.9	71.8	100.2	109.2
100°	0.0	31.4	71.8	98.7	107.7
102.5°	0.0	29.9	70.3	97.2	106.2
105°	0.0	28.4	68.8	94.2	103.2
107.5°	1.5	28.4	65.8	92.8	101.7
110°	1.5	26.9	62.8	91.3	100.2



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.5	25.4	59.8	88.3	97.2
115°	1.5	25.4	58.3	83.8	94.2
117.5°	1.5	23.9	55.4	80.8	91.3
120°	1.5	23.9	53.9	77.8	86.8
122.5°	1.5	22.4	50.9	74.8	83.8
125°	1.5	20.9	49.4	71.8	80.8
127.5°	1.5	19.4	47.9	68.8	77.8
130°	1.5	18.0	44.9	65.8	73.3
132.5°	1.5	18.0	43.4	61.3	70.3
135°	1.5	16.5	40.4	58.3	65.8
137.5°	1.5	15.0	37.4	55.4	62.8
140°	1.5	13.5	34.4	52.4	58.3
142.5°	1.5	13.5	31.4	47.9	53.9
145°	1.5	12.0	28.4	44.9	49.4
147.5°	1.5	10.5	25.4	40.4	44.9
150°	1.5	10.5	22.4	35.9	40.4
152.5°	1.5	9.0	19.4	32.9	37.4
155°	1.5	7.5	18.0	28.4	32.9
157.5°	1.5	7.5	15.0	23.9	28.4
160°	1.5	6.0	13.5	19.4	23.9
162.5°	1.5	6.0	12.0	16.5	20.9
165°	1.5	4.5	9.0	13.5	16.5
167.5°	1.5	4.5	7.5	10.5	13.5
170°	1.5	3.0	6.0	7.5	10.5
172.5°	1.5	3.0	4.5	4.5	4.5
175°	1.5	1.5	3.0	3.0	1.5
177.5°	1.5	1.5	1.5	1.5	1.5
180°	1.5	1.5	1.5	1.5	1.5

(END OF REPORT)