

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: P566229

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

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566229  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/15/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNX-26SL-UNV-L950-CD  
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

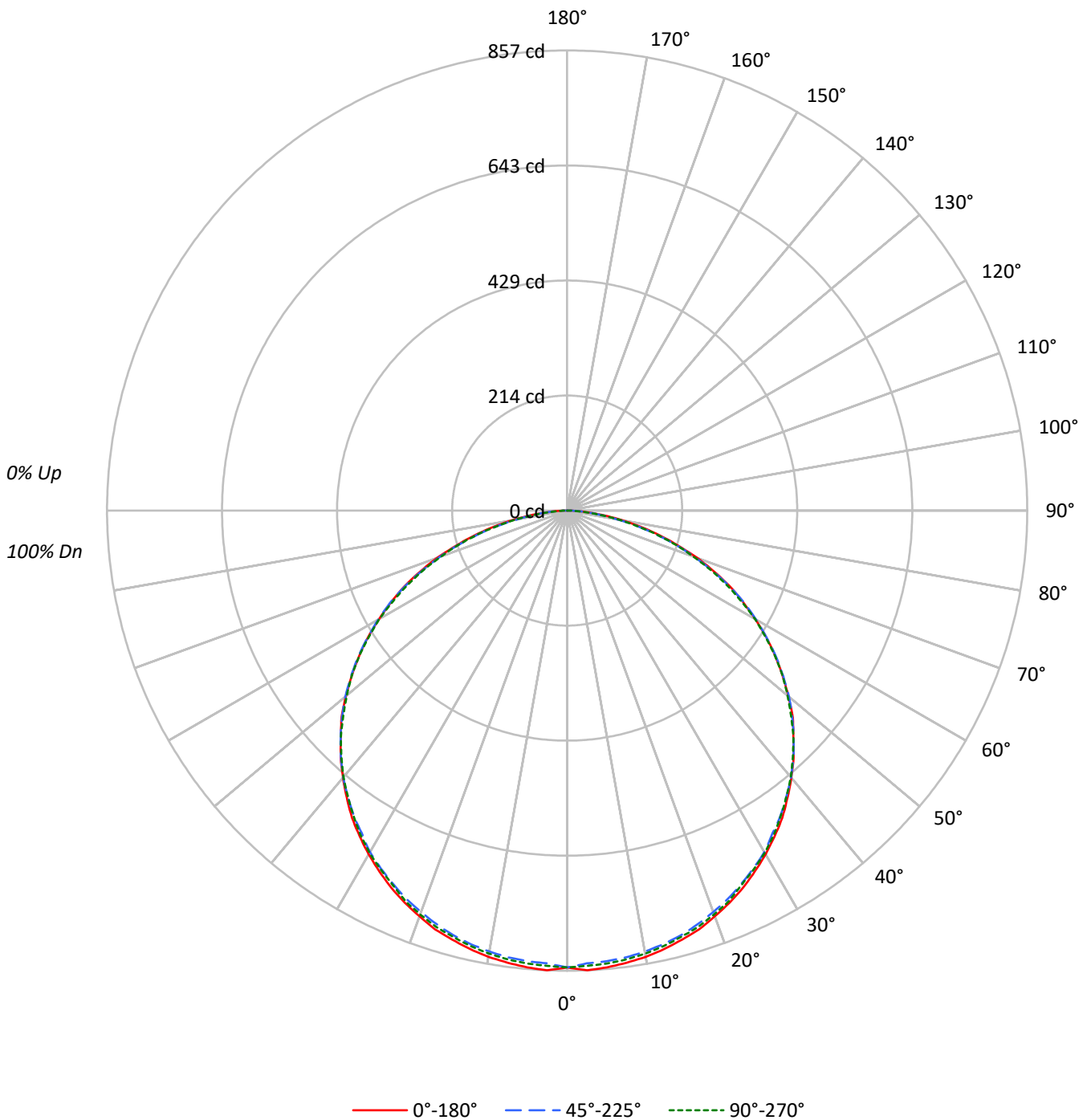
Lumens per Lamp: N/A  
Luminaire Lumens: 2544.0 lumens  
Efficiency: N/A  
Efficacy: 155.1 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')  
CIE Type: Direct

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	50	30	10	50	30	10	0		
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100					100			
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83					83			
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69					69			
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58					58			
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49					49			
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42					42			
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37					37			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33					33			
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29					29			
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26					26			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23					23			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	9158	9158	9158
5°	9226	9102	9152
10°	9225	9116	9157
15°	9217	9123	9158
20°	9212	9115	9167
25°	9206	9114	9133
30°	9186	9129	9149
35°	9180	9109	9119
40°	9128	9116	9107
45°	9073	9085	9073
50°	9008	9033	8969
55°	8888	8918	8875
60°	8714	8747	8697
65°	8535	8476	8359
70°	8117	7947	7849
75°	7415	7162	7191
80°	6403	5926	6069
85°	4817	4631	4162



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	80.7	3.2
10°-20°	232.6	9.1
20°-30°	355.9	14.0
30°-40°	435.1	17.1
40°-50°	460.3	18.1
50°-60°	424.1	16.7
60°-70°	326.8	12.8
70°-80°	183.1	7.2
80°-90°	45.5	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	669.2	26.3
0°-40°	1104.3	43.4
0°-60°	1988.6	78.2
0°-90°	2544.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2544.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	851	851	851	851	851	
5°	854	851	842	851	847	81
15°	827	826	819	826	822	234
25°	775	774	767	774	769	357
35°	699	697	693	696	694	436
45°	596	598	597	596	596	460
55°	474	477	475	475	473	423
65°	335	335	333	324	328	330
75°	178	176	172	166	173	189
85°	39	37	38	38	34	48
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	850.8	850.8	850.8	850.8	850.8
2.5°	857.0	853.1	844.0	852.4	848.5
5°	853.9	850.8	842.4	850.8	847.0
7.5°	849.3	847.0	839.4	847.0	843.2
10°	844.0	841.7	834.0	841.7	837.8
12.5°	836.3	834.8	827.1	834.8	830.9
15°	827.1	825.6	818.7	825.6	821.8
17.5°	817.9	814.9	808.0	815.6	812.6
20°	804.2	802.6	795.7	802.6	800.3
22.5°	790.4	788.9	782.7	788.9	787.3
25°	775.1	773.6	767.4	773.6	769.0
27.5°	757.5	758.3	751.4	755.2	752.9
30°	739.1	739.1	734.5	736.1	736.1
32.5°	719.2	719.2	712.3	716.9	716.2
35°	698.6	697.0	693.2	695.5	694.0
37.5°	674.1	673.3	671.0	672.6	671.0
40°	649.6	650.4	648.8	648.1	648.1
42.5°	624.4	625.9	623.6	622.8	622.1
45°	596.0	598.3	596.8	596.0	596.0
47.5°	570.0	570.8	568.5	567.7	565.4
50°	537.9	541.0	539.4	537.9	535.6
52.5°	505.8	510.4	507.3	505.8	505.8
55°	473.6	477.4	475.2	475.2	472.9
57.5°	440.0	443.8	440.7	440.7	437.7
60°	404.8	408.6	406.3	404.0	404.0
62.5°	369.6	372.6	371.9	368.0	365.7
65°	335.1	335.1	332.8	324.4	328.2
67.5°	296.1	295.3	292.3	283.9	289.2
70°	257.9	257.9	252.5	242.6	249.4
72.5°	216.5	218.8	211.9	205.1	211.9
75°	178.3	176.0	172.2	166.0	172.9
77.5°	141.6	137.7	133.1	130.1	133.9
80°	103.3	101.0	95.6	95.6	97.9
82.5°	70.4	68.1	64.3	65.0	62.0
85°	39.0	36.7	37.5	37.5	33.7
87.5°	16.1	16.1	16.1	14.5	13.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)