

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: P565640

Luminaire Tested: **2SNX-25SL-UNV-L940-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565640  
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: 2SNX-25SL-UNV-L940-CD  
Description: 2FT 2500 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

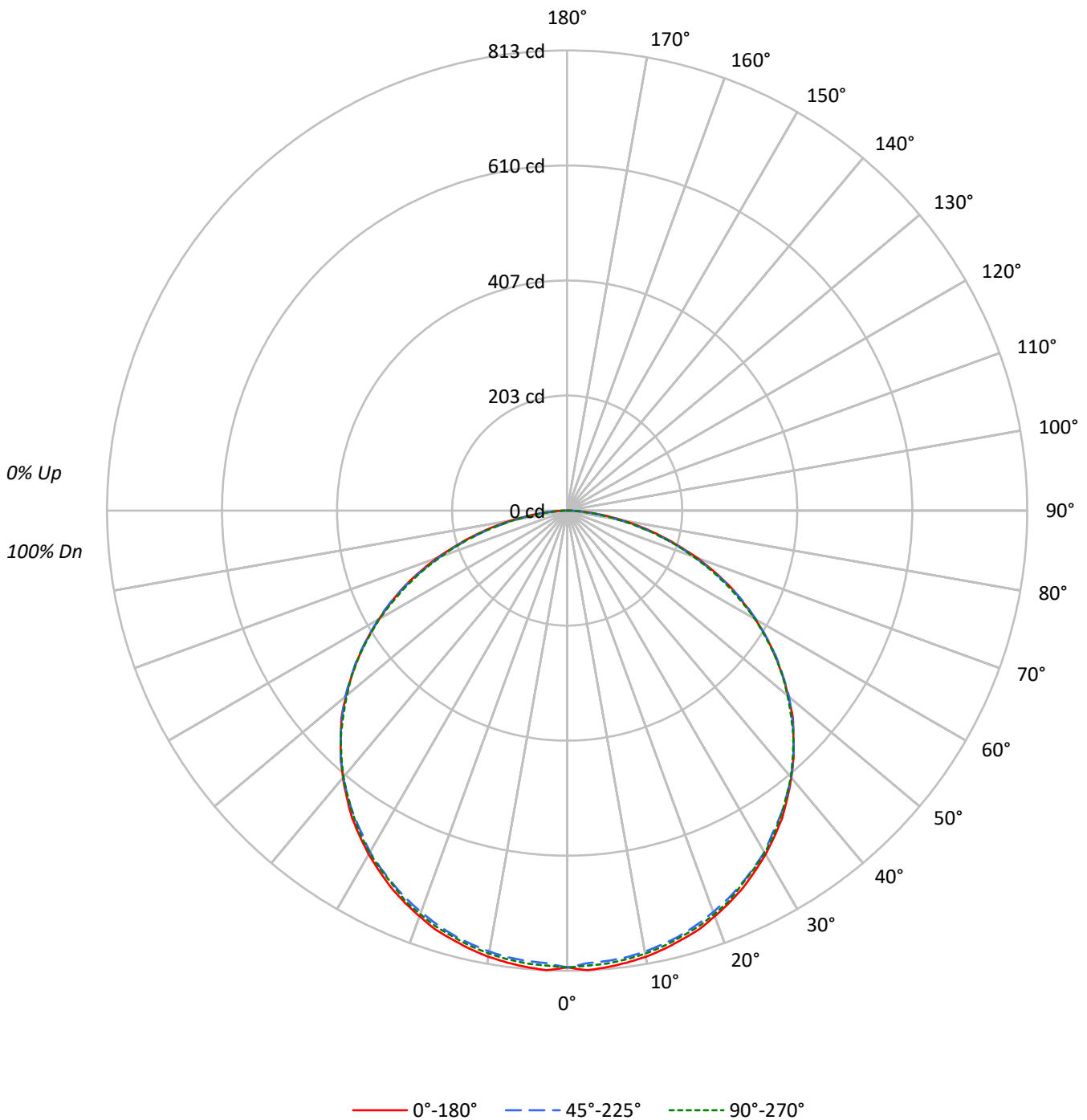
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2413.0 lumens  
Efficiency: N/A  
Efficacy: 137.9 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 17.5  
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	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°	17373	17373	17373
5°	17502	17266	17362
10°	17499	17293	17372
15°	17484	17306	17371
20°	17475	17292	17391
25°	17463	17290	17326
30°	17428	17319	17356
35°	17414	17280	17298
40°	17317	17294	17275
45°	17214	17235	17214
50°	17087	17134	17014
55°	16860	16916	16833
60°	16529	16594	16499
65°	16194	16082	15857
70°	15396	15075	14892
75°	14065	13583	13641
80°	12149	11244	11517
85°	9139	8793	7879



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	76.6	3.2
10°-20°	220.6	9.1
20°-30°	337.5	14.0
30°-40°	412.7	17.1
40°-50°	436.6	18.1
50°-60°	402.2	16.7
60°-70°	310.0	12.8
70°-80°	173.7	7.2
80°-90°	43.2	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°	634.7	26.3
0°-40°	1047.4	43.4
0°-60°	1886.2	78.2
0°-90°	2413.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2413.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	807	807	807	807	807	
5°	810	807	799	807	803	77
15°	784	783	776	783	779	222
25°	735	734	728	734	729	339
35°	663	661	658	660	658	414
45°	565	568	566	565	565	437
55°	449	453	451	451	448	401
65°	318	318	316	308	311	313
75°	169	167	163	158	164	179
85°	37	35	36	36	32	46
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	807.0	807.0	807.0	807.0	807.0
2.5°	812.8	809.2	800.5	808.5	804.8
5°	809.9	807.0	799.0	807.0	803.4
7.5°	805.6	803.4	796.1	803.4	799.8
10°	800.5	798.3	791.1	798.3	794.7
12.5°	793.2	791.8	784.5	791.8	788.2
15°	784.5	783.1	776.5	783.1	779.4
17.5°	775.8	772.9	766.4	773.6	770.7
20°	762.8	761.3	754.8	761.3	759.1
22.5°	749.7	748.2	742.4	748.2	746.8
25°	735.2	733.7	727.9	733.7	729.4
27.5°	718.5	719.2	712.7	716.3	714.1
30°	701.1	701.1	696.7	698.2	698.2
32.5°	682.2	682.2	675.7	680.0	679.3
35°	662.6	661.2	657.5	659.7	658.2
37.5°	639.4	638.7	636.5	637.9	636.5
40°	616.2	616.9	615.4	614.7	614.7
42.5°	592.2	593.7	591.5	590.8	590.0
45°	565.4	567.5	566.1	565.4	565.4
47.5°	540.7	541.4	539.2	538.5	536.3
50°	510.2	513.1	511.6	510.2	508.0
52.5°	479.7	484.1	481.2	479.7	479.7
55°	449.2	452.9	450.7	450.7	448.5
57.5°	417.3	420.9	418.0	418.0	415.1
60°	383.9	387.5	385.4	383.2	383.2
62.5°	350.5	353.4	352.7	349.1	346.9
65°	317.9	317.9	315.7	307.7	311.3
67.5°	280.9	280.1	277.2	269.3	274.3
70°	244.6	244.6	239.5	230.1	236.6
72.5°	205.4	207.6	201.0	194.5	201.0
75°	169.1	166.9	163.3	157.5	164.0
77.5°	134.3	130.6	126.3	123.4	127.0
80°	98.0	95.8	90.7	90.7	92.9
82.5°	66.8	64.6	61.0	61.7	58.8
85°	37.0	34.8	35.6	35.6	31.9
87.5°	15.2	15.2	15.2	13.8	12.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)