

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: P565924

Luminaire Tested: **2SNX-SL3-UNV-CC83-CD-3500K-HI**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P565924  
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-SL3-UNV-CC83-CD-3500K-HI  
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, HI LUMEN SETTING, AND NO LENS  
Light Source: -  
Ballast/Driver: -

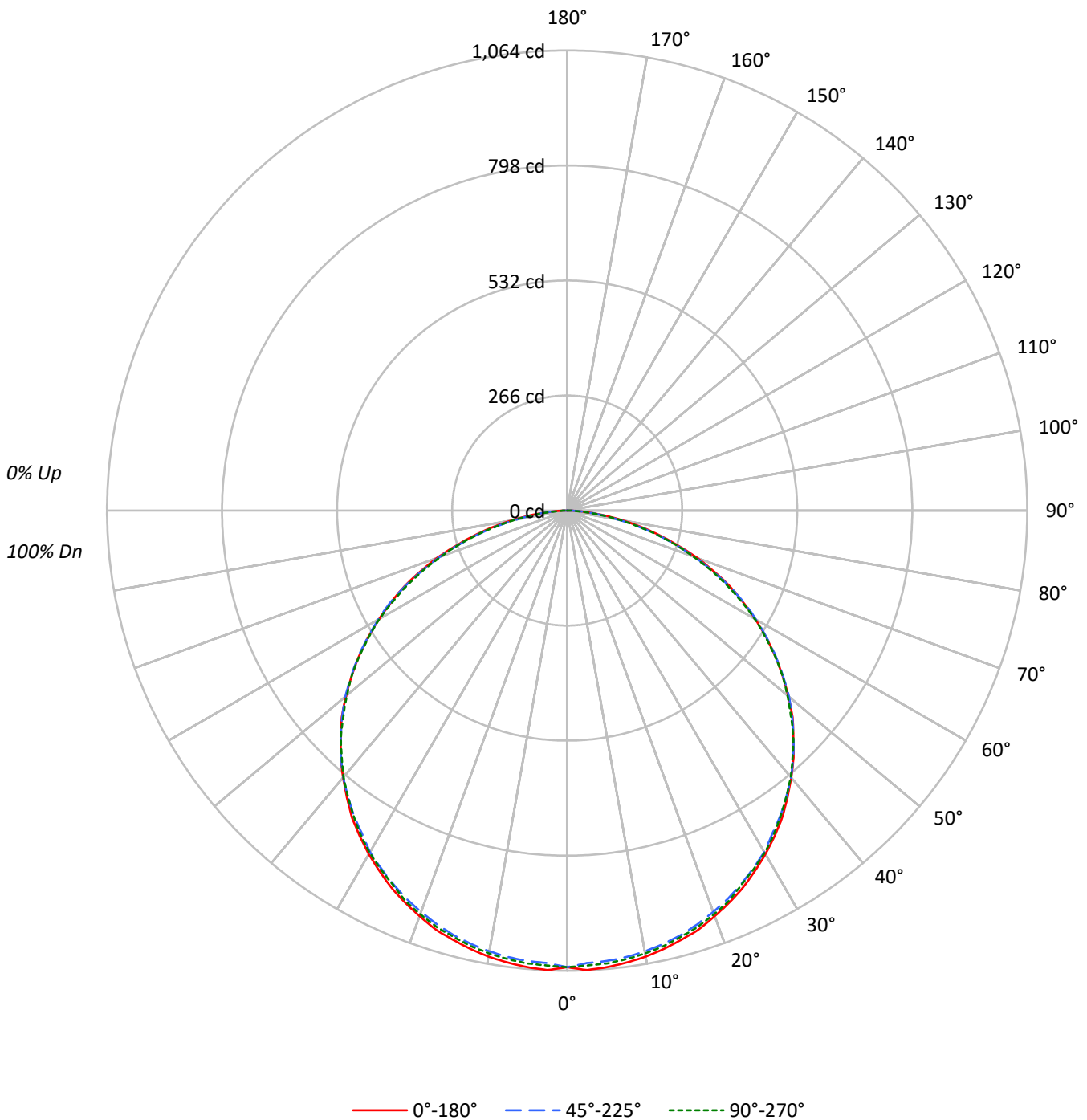
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3157.0 lumens  
Efficiency: N/A  
Efficacy: 150.3 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): 21  
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	38	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°	22731	22731	22731
5°	22900	22591	22714
10°	22894	22625	22728
15°	22876	22644	22729
20°	22861	22623	22754
25°	22848	22623	22668
30°	22800	22658	22705
35°	22783	22609	22633
40°	22653	22628	22600
45°	22520	22548	22520
50°	22355	22419	22262
55°	22058	22129	22024
60°	21627	21709	21584
65°	21186	21038	20748
70°	20142	19720	19481
75°	18399	17767	17850
80°	15893	14716	15063
85°	11955	11486	10325



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	100.2	3.2
10°-20°	288.6	9.1
20°-30°	441.6	14.0
30°-40°	539.9	17.1
40°-50°	571.2	18.1
50°-60°	526.2	16.7
60°-70°	405.5	12.8
70°-80°	227.2	7.2
80°-90°	56.5	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°	830.4	26.3
0°-40°	1370.3	43.4
0°-60°	2467.8	78.2
0°-90°	3157.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3157.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1056	1056	1056	1056	1056	
5°	1060	1056	1045	1056	1051	101
15°	1026	1024	1016	1024	1020	290
25°	962	960	952	960	954	443
35°	867	865	860	863	861	542
45°	740	742	741	740	740	571
55°	588	592	590	590	587	525
65°	416	416	413	403	407	409
75°	221	218	214	206	215	235
85°	48	46	46	46	42	60
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1055.9	1055.9	1055.9	1055.9	1055.9
2.5°	1063.5	1058.7	1047.3	1057.8	1053.0
5°	1059.7	1055.9	1045.4	1055.9	1051.1
7.5°	1054.0	1051.1	1041.6	1051.1	1046.4
10°	1047.3	1044.5	1035.0	1044.5	1039.7
12.5°	1037.8	1035.9	1026.4	1035.9	1031.2
15°	1026.4	1024.5	1016.0	1024.5	1019.8
17.5°	1015.0	1011.2	1002.7	1012.2	1008.4
20°	997.9	996.0	987.5	996.0	993.2
22.5°	980.8	978.9	971.3	978.9	977.0
25°	961.9	960.0	952.4	960.0	954.3
27.5°	940.0	941.0	932.4	937.2	934.3
30°	917.2	917.2	911.5	913.4	913.4
32.5°	892.5	892.5	884.0	889.7	888.7
35°	866.9	865.0	860.3	863.1	861.2
37.5°	836.5	835.6	832.7	834.6	832.7
40°	806.1	807.1	805.2	804.2	804.2
42.5°	774.8	776.7	773.9	772.9	772.0
45°	739.7	742.5	740.6	739.7	739.7
47.5°	707.4	708.3	705.5	704.5	701.7
50°	667.5	671.3	669.4	667.5	664.7
52.5°	627.6	633.3	629.5	627.6	627.6
55°	587.7	592.5	589.6	589.6	586.8
57.5°	546.0	550.7	546.9	546.9	543.1
60°	502.3	507.0	504.2	501.3	501.3
62.5°	458.6	462.4	461.5	456.7	453.9
65°	415.9	415.9	413.0	402.6	407.3
67.5°	367.5	366.5	362.7	352.3	358.9
70°	320.0	320.0	313.3	301.0	309.5
72.5°	268.7	271.6	263.0	254.5	263.0
75°	221.2	218.4	213.6	206.0	214.6
77.5°	175.7	170.9	165.2	161.4	166.2
80°	128.2	125.3	118.7	118.7	121.5
82.5°	87.4	84.5	79.8	80.7	76.9
85°	48.4	45.6	46.5	46.5	41.8
87.5°	19.9	19.9	19.9	18.0	16.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)