

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: P565926

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565926
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-MED
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, MED LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

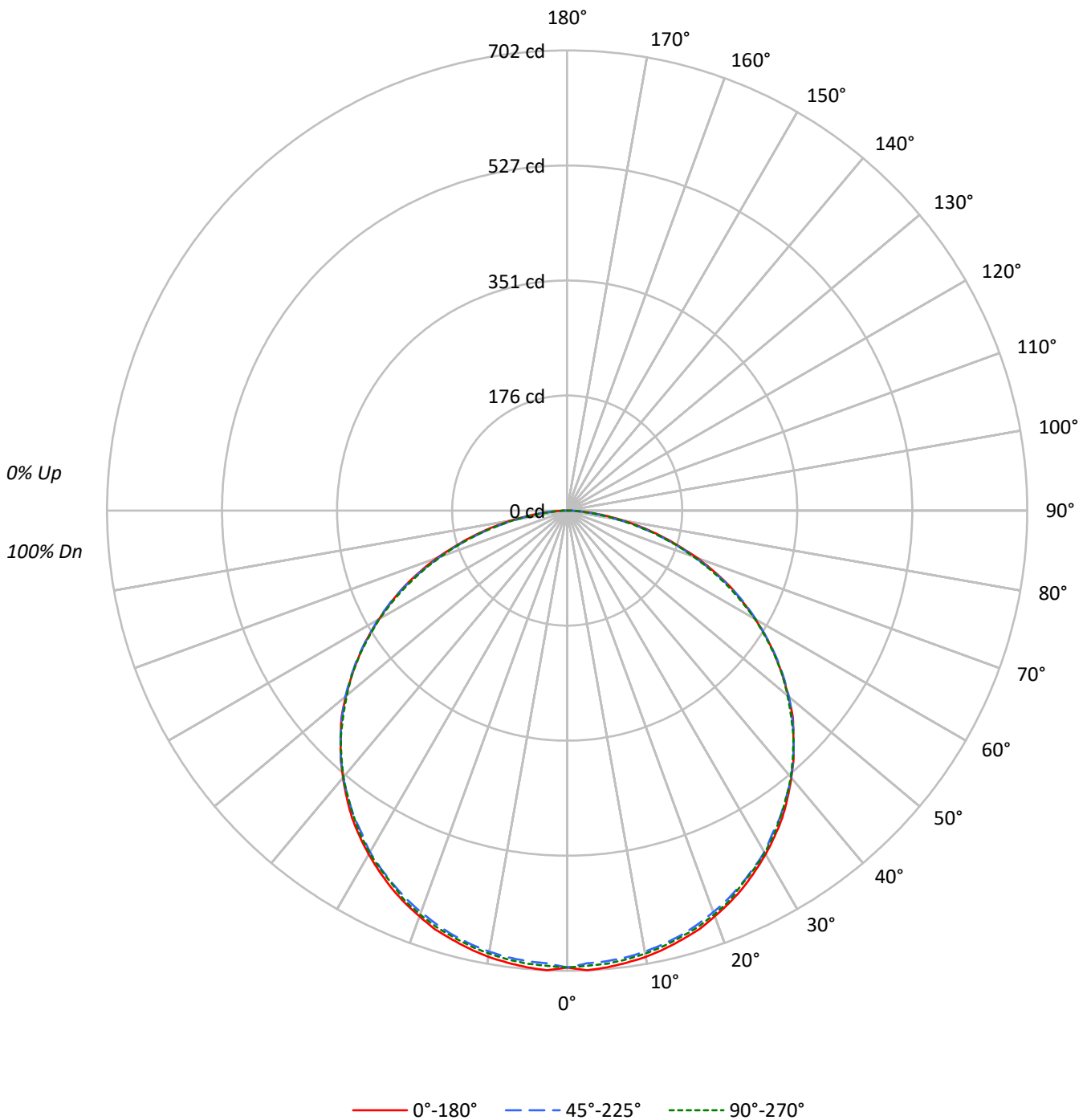
Lumens per Lamp: N/A
Luminaire Lumens: 2084.0 lumens
Efficiency: N/A
Efficacy: 150.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 13.86
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	15005	15005	15005
5°	15116	14913	14995
10°	15114	14935	15002
15°	15102	14948	15004
20°	15093	14935	15019
25°	15081	14934	14962
30°	15052	14957	14989
35°	15040	14925	14941
40°	14953	14937	14920
45°	14866	14885	14866
50°	14756	14800	14696
55°	14563	14608	14540
60°	14277	14329	14247
65°	13983	13891	13698
70°	13294	13017	12859
75°	12144	11728	11786
80°	10488	9707	9943
85°	7904	7583	6817



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.1	3.2
10°-20°	190.5	9.1
20°-30°	291.5	14.0
30°-40°	356.4	17.1
40°-50°	377.0	18.1
50°-60°	347.4	16.7
60°-70°	267.7	12.8
70°-80°	150.0	7.2
80°-90°	37.3	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°	548.2	26.3
0°-40°	904.6	43.4
0°-60°	1629.0	78.2
0°-90°	2084.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2084.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	697	697	697	697	697	
5°	700	697	690	697	694	66
15°	678	676	671	676	673	191
25°	635	634	629	634	630	293
35°	572	571	568	570	568	358
45°	488	490	489	488	488	377
55°	388	391	389	389	387	346
65°	274	274	273	266	269	270
75°	146	144	141	136	142	155
85°	32	30	31	31	28	39
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	697.0	697.0	697.0	697.0	697.0
2.5°	702.0	698.9	691.4	698.2	695.1
5°	699.5	697.0	690.1	697.0	693.9
7.5°	695.7	693.9	687.6	693.9	690.7
10°	691.4	689.5	683.2	689.5	686.3
12.5°	685.1	683.8	677.6	683.8	680.7
15°	677.6	676.3	670.7	676.3	673.2
17.5°	670.0	667.5	661.9	668.2	665.7
20°	658.8	657.5	651.9	657.5	655.6
22.5°	647.5	646.2	641.2	646.2	645.0
25°	634.9	633.7	628.7	633.7	629.9
27.5°	620.5	621.2	615.5	618.6	616.8
30°	605.5	605.5	601.7	603.0	603.0
32.5°	589.2	589.2	583.5	587.3	586.7
35°	572.3	571.0	567.9	569.8	568.5
37.5°	552.2	551.6	549.7	550.9	549.7
40°	532.1	532.8	531.5	530.9	530.9
42.5°	511.5	512.7	510.8	510.2	509.6
45°	488.3	490.2	488.9	488.3	488.3
47.5°	467.0	467.6	465.7	465.1	463.2
50°	440.6	443.1	441.9	440.6	438.8
52.5°	414.3	418.1	415.6	414.3	414.3
55°	388.0	391.1	389.2	389.2	387.4
57.5°	360.4	363.5	361.0	361.0	358.5
60°	331.6	334.7	332.8	330.9	330.9
62.5°	302.7	305.2	304.6	301.5	299.6
65°	274.5	274.5	272.7	265.8	268.9
67.5°	242.6	241.9	239.4	232.5	236.9
70°	211.2	211.2	206.8	198.7	204.3
72.5°	177.4	179.3	173.6	168.0	173.6
75°	146.0	144.2	141.0	136.0	141.7
77.5°	116.0	112.8	109.1	106.6	109.7
80°	84.6	82.7	78.3	78.3	80.2
82.5°	57.7	55.8	52.7	53.3	50.8
85°	32.0	30.1	30.7	30.7	27.6
87.5°	13.2	13.2	13.2	11.9	10.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)