

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: P565933

Luminaire Tested: **2SNX-SL3-UNV-CC93-CD-3500K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565933
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-CC93-CD-3500K-HI
Description: 2FT 3200 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, HI LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

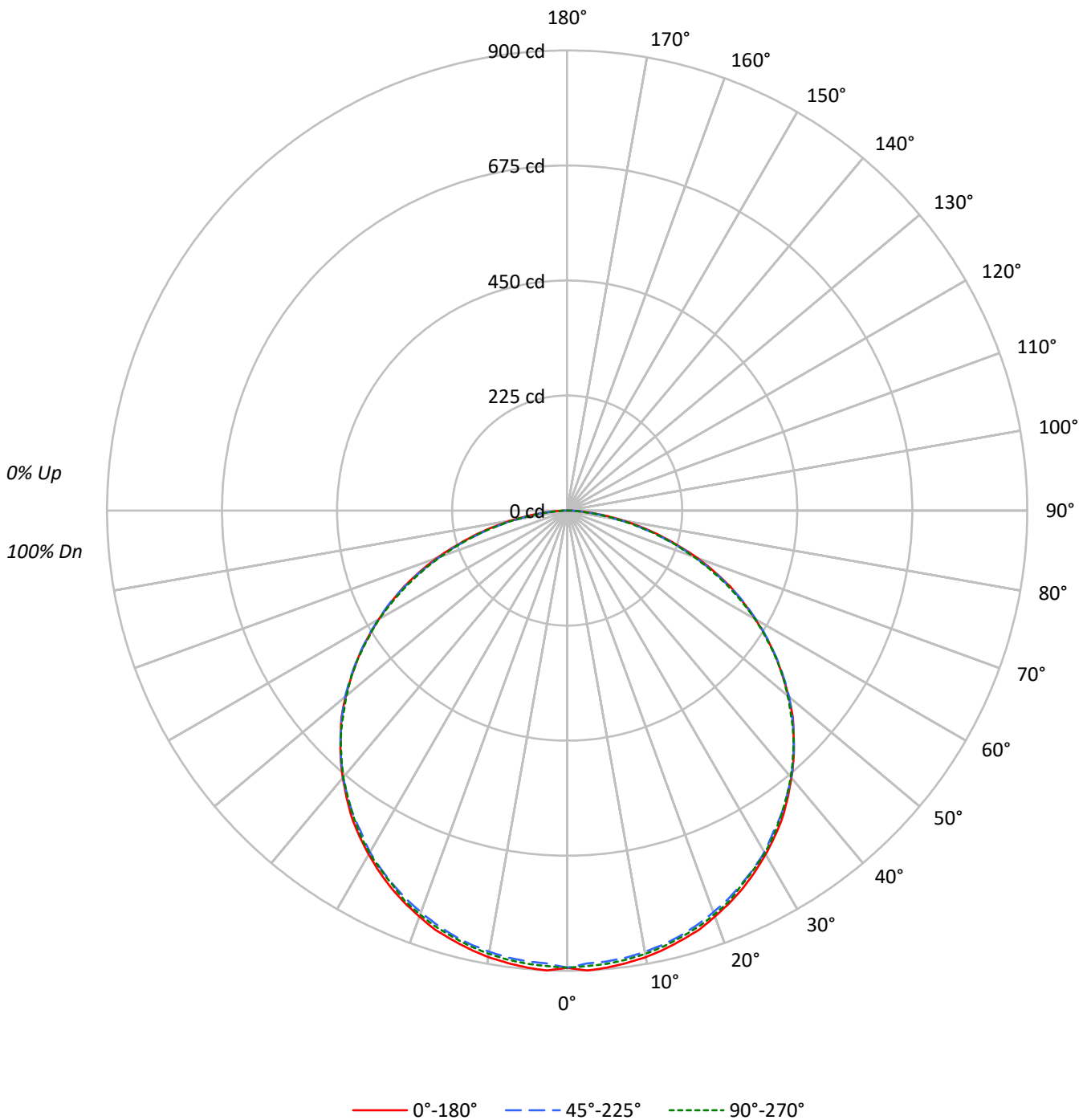
Lumens per Lamp: N/A
Luminaire Lumens: 2673.0 lumens
Efficiency: N/A
Efficacy: 127.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

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	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	37	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°	19246	19246	19246
5°	19389	19127	19233
10°	19383	19156	19243
15°	19370	19171	19243
20°	19356	19155	19265
25°	19345	19155	19193
30°	19305	19186	19225
35°	19290	19143	19164
40°	19180	19158	19135
45°	19068	19092	19068
50°	18929	18983	18849
55°	18676	18736	18646
60°	18312	18380	18277
65°	17936	17813	17569
70°	17051	16699	16497
75°	15579	15047	15113
80°	13451	12459	12757
85°	10127	9732	8744



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.8	3.2
10°-20°	244.4	9.1
20°-30°	373.9	14.0
30°-40°	457.2	17.1
40°-50°	483.6	18.1
50°-60°	445.6	16.7
60°-70°	343.4	12.8
70°-80°	192.4	7.2
80°-90°	47.8	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°	703.1	26.3
0°-40°	1160.3	43.4
0°-60°	2089.5	78.2
0°-90°	2673.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2673.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	894	894	894	894	894	
5°	897	894	885	894	890	85
15°	869	868	860	868	863	246
25°	814	813	806	813	808	375
35°	734	732	728	731	729	459
45°	626	629	627	626	626	484
55°	498	502	499	499	497	444
65°	352	352	350	341	345	346
75°	187	185	181	174	182	199
85°	41	39	39	39	35	51
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	894.0	894.0	894.0	894.0	894.0
2.5°	900.4	896.4	886.7	895.6	891.6
5°	897.2	894.0	885.1	894.0	890.0
7.5°	892.4	890.0	881.9	890.0	885.9
10°	886.7	884.3	876.3	884.3	880.3
12.5°	878.7	877.1	869.1	877.1	873.1
15°	869.1	867.5	860.2	867.5	863.4
17.5°	859.4	856.2	849.0	857.0	853.8
20°	844.9	843.3	836.1	843.3	840.9
22.5°	830.5	828.9	822.4	828.9	827.3
25°	814.4	812.8	806.4	812.8	808.0
27.5°	795.9	796.7	789.5	793.5	791.1
30°	776.6	776.6	771.8	773.4	773.4
32.5°	755.7	755.7	748.5	753.3	752.5
35°	734.0	732.4	728.4	730.8	729.2
37.5°	708.3	707.5	705.1	706.7	705.1
40°	682.5	683.4	681.7	680.9	680.9
42.5°	656.0	657.6	655.2	654.4	653.6
45°	626.3	628.7	627.1	626.3	626.3
47.5°	598.9	599.7	597.3	596.5	594.1
50°	565.2	568.4	566.8	565.2	562.8
52.5°	531.4	536.2	533.0	531.4	531.4
55°	497.6	501.7	499.2	499.2	496.8
57.5°	462.3	466.3	463.1	463.1	459.9
60°	425.3	429.3	426.9	424.5	424.5
62.5°	388.3	391.5	390.7	386.7	384.3
65°	352.1	352.1	349.7	340.9	344.9
67.5°	311.1	310.3	307.1	298.3	303.9
70°	270.9	270.9	265.3	254.8	262.1
72.5°	227.5	229.9	222.7	215.5	222.7
75°	187.3	184.9	180.9	174.5	181.7
77.5°	148.7	144.7	139.9	136.7	140.7
80°	108.5	106.1	100.5	100.5	102.9
82.5°	74.0	71.6	67.5	68.3	65.1
85°	41.0	38.6	39.4	39.4	35.4
87.5°	16.9	16.9	16.9	15.3	13.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)