

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: P567146

Luminaire Tested: **4SNX-SL3-UNV-CC93-CD-3500K-LOW**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567146
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-SL3-UNV-CC93-CD-3500K-LOW
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, LOW LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

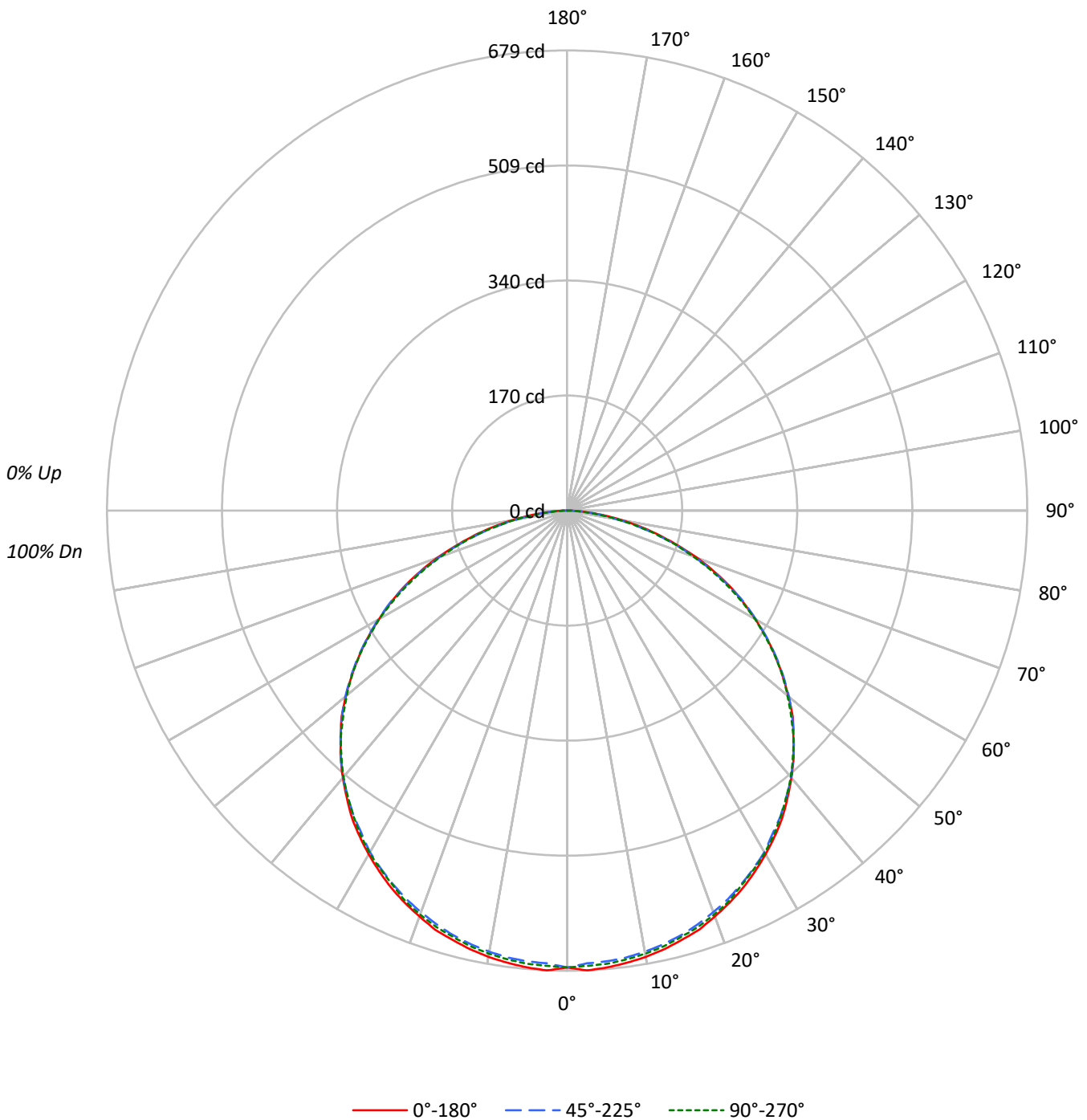
Lumens per Lamp: N/A
Luminaire Lumens: 2016.0 lumens
Efficiency: N/A
Efficacy: 120.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 16.731
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°	7257	7257	7257
5°	7312	7213	7252
10°	7310	7224	7256
15°	7305	7230	7257
20°	7300	7223	7265
25°	7295	7223	7238
30°	7280	7235	7250
35°	7274	7218	7227
40°	7234	7225	7217
45°	7190	7199	7190
50°	7139	7159	7107
55°	7043	7066	7032
60°	6906	6932	6891
65°	6765	6719	6625
70°	6430	6297	6222
75°	5876	5673	5698
80°	5077	4699	4810
85°	3816	3668	3298



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.0	3.2
10°-20°	184.3	9.1
20°-30°	282.0	14.0
30°-40°	344.8	17.1
40°-50°	364.7	18.1
50°-60°	336.1	16.7
60°-70°	259.0	12.8
70°-80°	145.1	7.2
80°-90°	36.1	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°	530.3	26.3
0°-40°	875.1	43.4
0°-60°	1575.9	78.2
0°-90°	2016.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2016.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	674	674	674	674	674	
5°	677	674	668	674	671	64
15°	656	654	649	654	651	185
25°	614	613	608	613	609	283
35°	554	552	549	551	550	346
45°	472	474	473	472	472	365
55°	375	378	376	376	375	335
65°	266	266	264	257	260	261
75°	141	140	136	132	137	150
85°	31	29	30	30	27	38
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	674.2	674.2	674.2	674.2	674.2
2.5°	679.1	676.1	668.8	675.5	672.4
5°	676.7	674.2	667.6	674.2	671.2
7.5°	673.0	671.2	665.2	671.2	668.2
10°	668.8	667.0	660.9	667.0	663.9
12.5°	662.7	661.5	655.5	661.5	658.5
15°	655.5	654.2	648.8	654.2	651.2
17.5°	648.2	645.8	640.3	646.4	643.9
20°	637.3	636.1	630.6	636.1	634.2
22.5°	626.3	625.1	620.3	625.1	623.9
25°	614.2	613.0	608.2	613.0	609.4
27.5°	600.3	600.9	595.4	598.5	596.6
30°	585.7	585.7	582.1	583.3	583.3
32.5°	570.0	570.0	564.5	568.1	567.5
35°	553.6	552.4	549.3	551.2	550.0
37.5°	534.2	533.6	531.8	533.0	531.8
40°	514.8	515.4	514.2	513.6	513.6
42.5°	494.8	496.0	494.2	493.6	493.0
45°	472.3	474.2	472.9	472.3	472.3
47.5°	451.7	452.3	450.5	449.9	448.1
50°	426.3	428.7	427.5	426.3	424.4
52.5°	400.8	404.4	402.0	400.8	400.8
55°	375.3	378.4	376.5	376.5	374.7
57.5°	348.6	351.7	349.3	349.3	346.8
60°	320.8	323.8	322.0	320.1	320.1
62.5°	292.9	295.3	294.7	291.6	289.8
65°	265.6	265.6	263.8	257.1	260.1
67.5°	234.7	234.0	231.6	225.0	229.2
70°	204.3	204.3	200.1	192.2	197.7
72.5°	171.6	173.4	168.0	162.5	168.0
75°	141.3	139.5	136.4	131.6	137.0
77.5°	112.2	109.1	105.5	103.1	106.1
80°	81.9	80.0	75.8	75.8	77.6
82.5°	55.8	54.0	50.9	51.5	49.1
85°	30.9	29.1	29.7	29.7	26.7
87.5°	12.7	12.7	12.7	11.5	10.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)