

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: P567145

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

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567145
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-HI
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 90CRI, HI LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

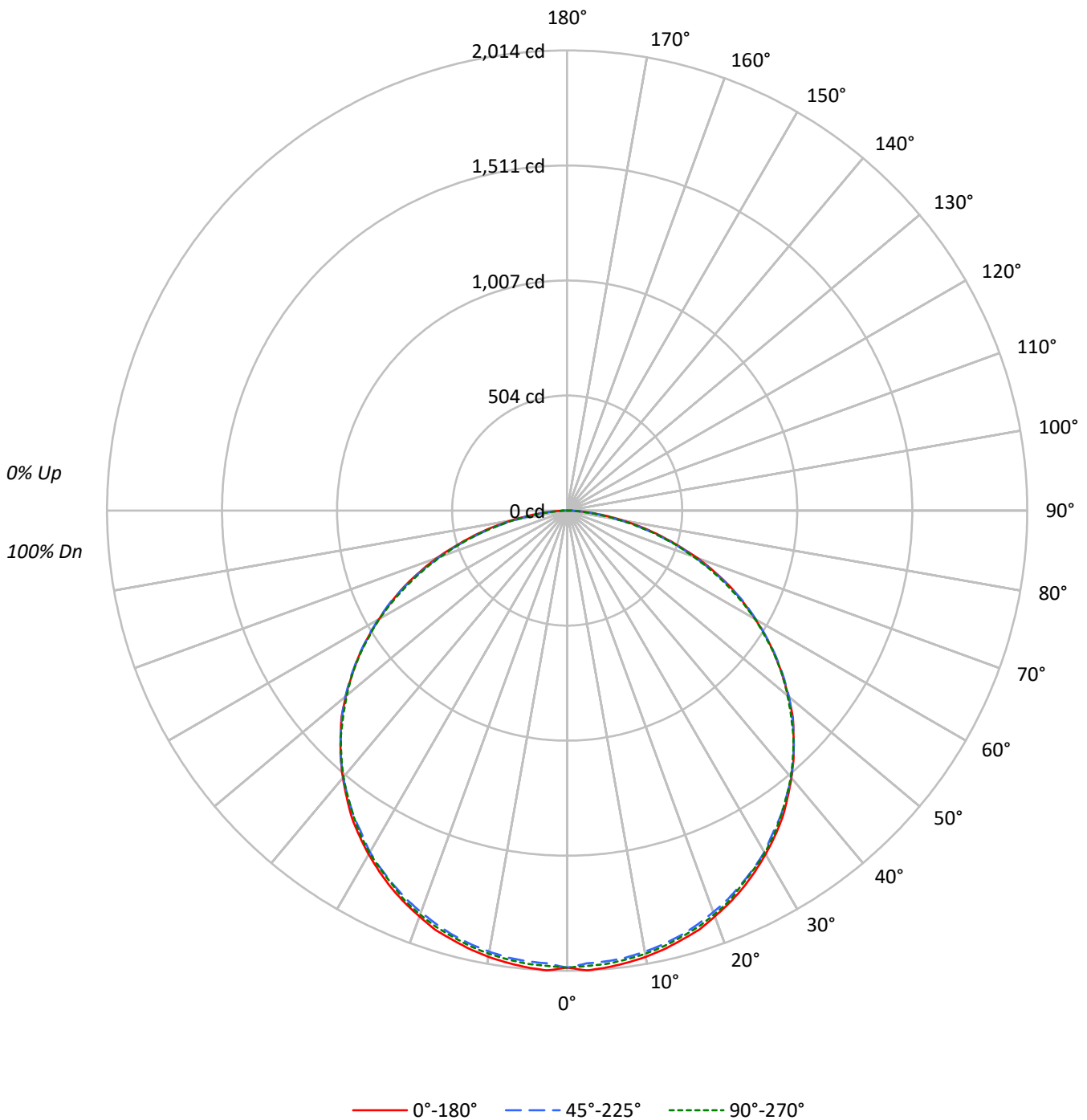
Lumens per Lamp: N/A
Luminaire Lumens: 5980.0 lumens
Efficiency: N/A
Efficacy: 117.9 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 50.7
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°	21528	21528	21528
5°	21688	21396	21513
10°	21683	21427	21525
15°	21667	21446	21526
20°	21653	21426	21550
25°	21638	21426	21468
30°	21594	21460	21505
35°	21578	21412	21436
40°	21456	21431	21406
45°	21328	21356	21328
50°	21173	21234	21083
55°	20893	20960	20859
60°	20482	20559	20443
65°	20065	19927	19652
70°	19075	18678	18452
75°	17430	16831	16906
80°	15050	13935	14269
85°	11325	10881	9769



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.7	3.2
10°-20°	546.7	9.1
20°-30°	836.5	14.0
30°-40°	1022.8	17.1
40°-50°	1081.9	18.1
50°-60°	996.9	16.7
60°-70°	768.1	12.8
70°-80°	430.4	7.2
80°-90°	107.0	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°	1572.9	26.3
0°-40°	2595.7	43.4
0°-60°	4674.5	78.2
0°-90°	5980.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5980.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2000	2000	2000	2000	2000	
5°	2007	2000	1980	2000	1991	191
15°	1944	1941	1924	1941	1932	549
25°	1822	1818	1804	1818	1808	840
35°	1642	1638	1630	1635	1631	1026
45°	1401	1406	1403	1401	1401	1082
55°	1113	1122	1117	1117	1112	994
65°	788	788	782	763	772	775
75°	419	414	405	390	406	444
85°	92	86	88	88	79	113
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2000.0	2000.0	2000.0	2000.0	2000.0
2.5°	2014.4	2005.4	1983.8	2003.6	1994.6
5°	2007.2	2000.0	1980.2	2000.0	1991.0
7.5°	1996.4	1991.0	1973.0	1991.0	1982.0
10°	1983.8	1978.4	1960.4	1978.4	1969.4
12.5°	1965.8	1962.2	1944.3	1962.2	1953.2
15°	1944.3	1940.7	1924.5	1940.7	1931.7
17.5°	1922.7	1915.5	1899.3	1917.3	1910.1
20°	1890.3	1886.7	1870.5	1886.7	1881.3
22.5°	1857.9	1854.3	1839.9	1854.3	1850.7
25°	1821.9	1818.4	1804.0	1818.4	1807.6
27.5°	1780.6	1782.4	1766.2	1775.2	1769.8
30°	1737.4	1737.4	1726.6	1730.2	1730.2
32.5°	1690.7	1690.7	1674.5	1685.3	1683.5
35°	1642.1	1638.5	1629.5	1634.9	1631.3
37.5°	1584.5	1582.7	1577.3	1580.9	1577.3
40°	1527.0	1528.8	1525.2	1523.4	1523.4
42.5°	1467.6	1471.2	1465.8	1464.0	1462.2
45°	1401.1	1406.5	1402.9	1401.1	1401.1
47.5°	1339.9	1341.7	1336.3	1334.5	1329.1
50°	1264.4	1271.6	1268.0	1264.4	1259.0
52.5°	1188.9	1199.6	1192.4	1188.9	1188.9
55°	1113.3	1122.3	1116.9	1116.9	1111.5
57.5°	1034.2	1043.2	1036.0	1036.0	1028.8
60°	951.4	960.4	955.0	949.6	949.6
62.5°	868.7	875.9	874.1	865.1	859.7
65°	787.8	787.8	782.4	762.6	771.6
67.5°	696.0	694.2	687.1	667.3	679.9
70°	606.1	606.1	593.5	570.1	586.3
72.5°	509.0	514.4	498.2	482.0	498.2
75°	419.1	413.7	404.7	390.3	406.5
77.5°	332.7	323.7	313.0	305.8	314.7
80°	242.8	237.4	224.8	224.8	230.2
82.5°	165.5	160.1	151.1	152.9	145.7
85°	91.7	86.3	88.1	88.1	79.1
87.5°	37.8	37.8	37.8	34.2	30.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)