

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: P567151

Luminaire Tested: **4SNX-SL3-UNV-CC93-CD-5000K-HI**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567151
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-5000K-HI
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 90CRI, HI LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

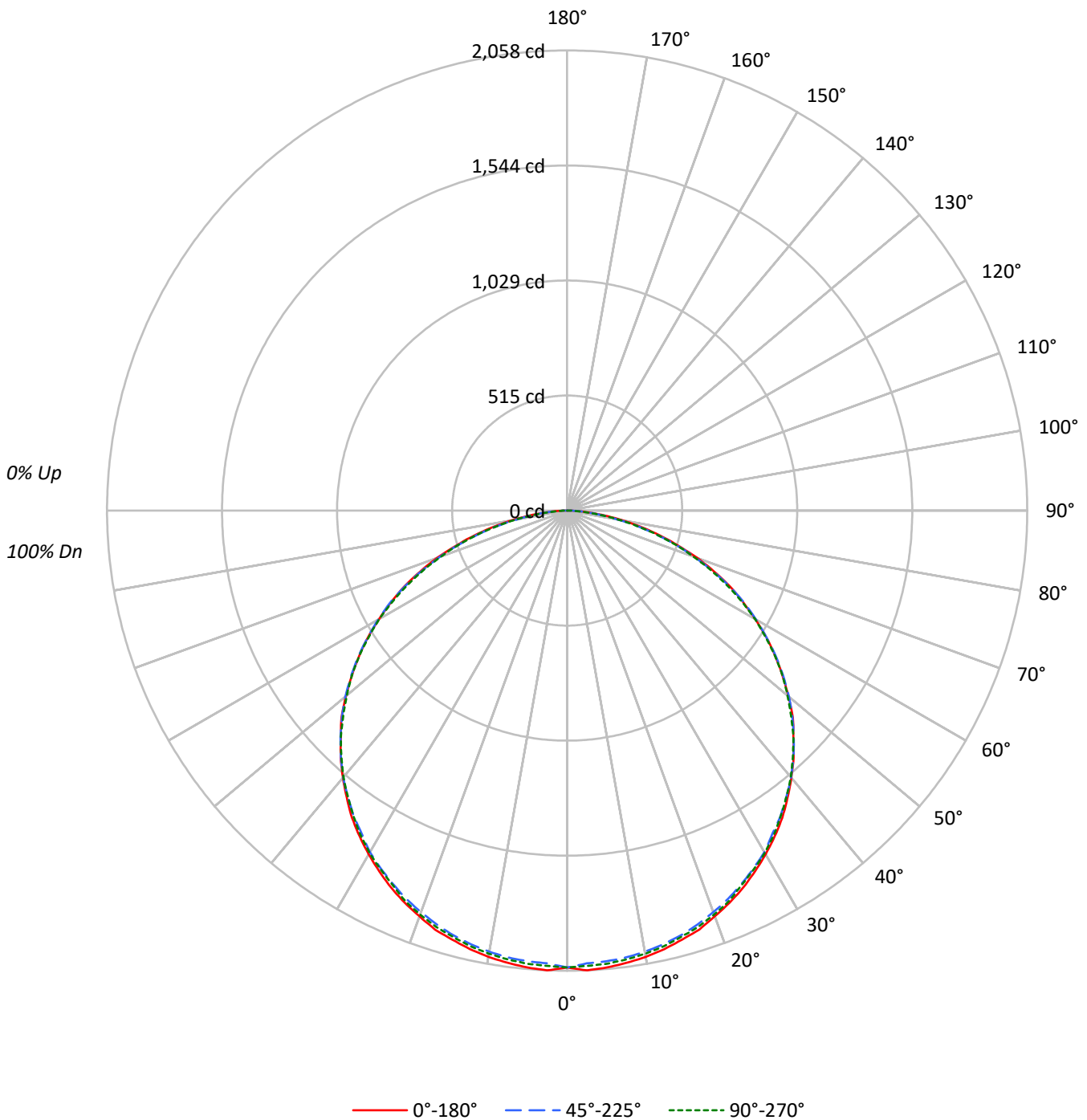
Lumens per Lamp: N/A
Luminaire Lumens: 6110.0 lumens
Efficiency: N/A
Efficacy: 119.6 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 51.1
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°	21996	21996	21996
5°	22159	21862	21981
10°	22154	21894	21993
15°	22137	21912	21994
20°	22124	21892	22018
25°	22110	21891	21935
30°	22064	21927	21972
35°	22047	21877	21902
40°	21923	21896	21871
45°	21791	21820	21791
50°	21634	21696	21542
55°	21347	21416	21313
60°	20927	21007	20888
65°	20500	20360	20080
70°	19490	19084	18855
75°	17808	17197	17272
80°	15379	14238	14579
85°	11572	11115	9991



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	193.9	3.2
10°-20°	558.6	9.1
20°-30°	854.7	14.0
30°-40°	1045.0	17.1
40°-50°	1105.4	18.1
50°-60°	1018.5	16.7
60°-70°	784.9	12.8
70°-80°	439.8	7.2
80°-90°	109.3	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°	1607.1	26.3
0°-40°	2652.1	43.4
0°-60°	4776.1	78.2
0°-90°	6110.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6110.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2044	2044	2044	2044	2044	
5°	2051	2044	2023	2044	2034	195
15°	1986	1983	1966	1983	1974	561
25°	1862	1858	1843	1858	1847	858
35°	1678	1674	1665	1670	1667	1048
45°	1432	1437	1433	1432	1432	1106
55°	1138	1147	1141	1141	1136	1016
65°	805	805	799	779	788	792
75°	428	423	414	399	415	454
85°	94	88	90	90	81	116
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2043.5	2043.5	2043.5	2043.5	2043.5
2.5°	2058.2	2049.0	2026.9	2047.2	2038.0
5°	2050.8	2043.5	2023.3	2043.5	2034.3
7.5°	2039.8	2034.3	2015.9	2034.3	2025.1
10°	2026.9	2021.4	2003.1	2021.4	2012.2
12.5°	2008.6	2004.9	1986.5	2004.9	1995.7
15°	1986.5	1982.8	1966.3	1982.8	1973.7
17.5°	1964.5	1957.1	1940.6	1959.0	1951.6
20°	1931.4	1927.7	1911.2	1927.7	1922.2
22.5°	1898.3	1894.6	1879.9	1894.6	1891.0
25°	1861.6	1857.9	1843.2	1857.9	1846.9
27.5°	1819.3	1821.1	1804.6	1813.8	1808.3
30°	1775.2	1775.2	1764.2	1767.8	1767.8
32.5°	1727.4	1727.4	1710.9	1721.9	1720.1
35°	1677.8	1674.1	1664.9	1670.4	1666.8
37.5°	1619.0	1617.1	1611.6	1615.3	1611.6
40°	1560.2	1562.0	1558.3	1556.5	1556.5
42.5°	1499.5	1503.2	1497.7	1495.9	1494.0
45°	1431.5	1437.1	1433.4	1431.5	1431.5
47.5°	1369.1	1370.9	1365.4	1363.5	1358.0
50°	1291.9	1299.2	1295.6	1291.9	1286.4
52.5°	1214.7	1225.7	1218.4	1214.7	1214.7
55°	1137.5	1146.7	1141.2	1141.2	1135.7
57.5°	1056.7	1065.8	1058.5	1058.5	1051.1
60°	972.1	981.3	975.8	970.3	970.3
62.5°	887.6	894.9	893.1	883.9	878.4
65°	804.9	804.9	799.4	779.2	788.4
67.5°	711.2	709.3	702.0	681.8	694.6
70°	619.3	619.3	606.4	582.5	599.1
72.5°	520.1	525.6	509.0	492.5	509.0
75°	428.2	422.7	413.5	398.8	415.3
77.5°	340.0	330.8	319.8	312.4	321.6
80°	248.1	242.6	229.7	229.7	235.2
82.5°	169.1	163.6	154.4	156.2	148.9
85°	93.7	88.2	90.0	90.0	80.9
87.5°	38.6	38.6	38.6	34.9	31.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)