

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: P566661

Luminaire Tested: **4SNX-60SL-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566661
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-60SL-UNV-L950-CD
Description: 4FT 6000 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

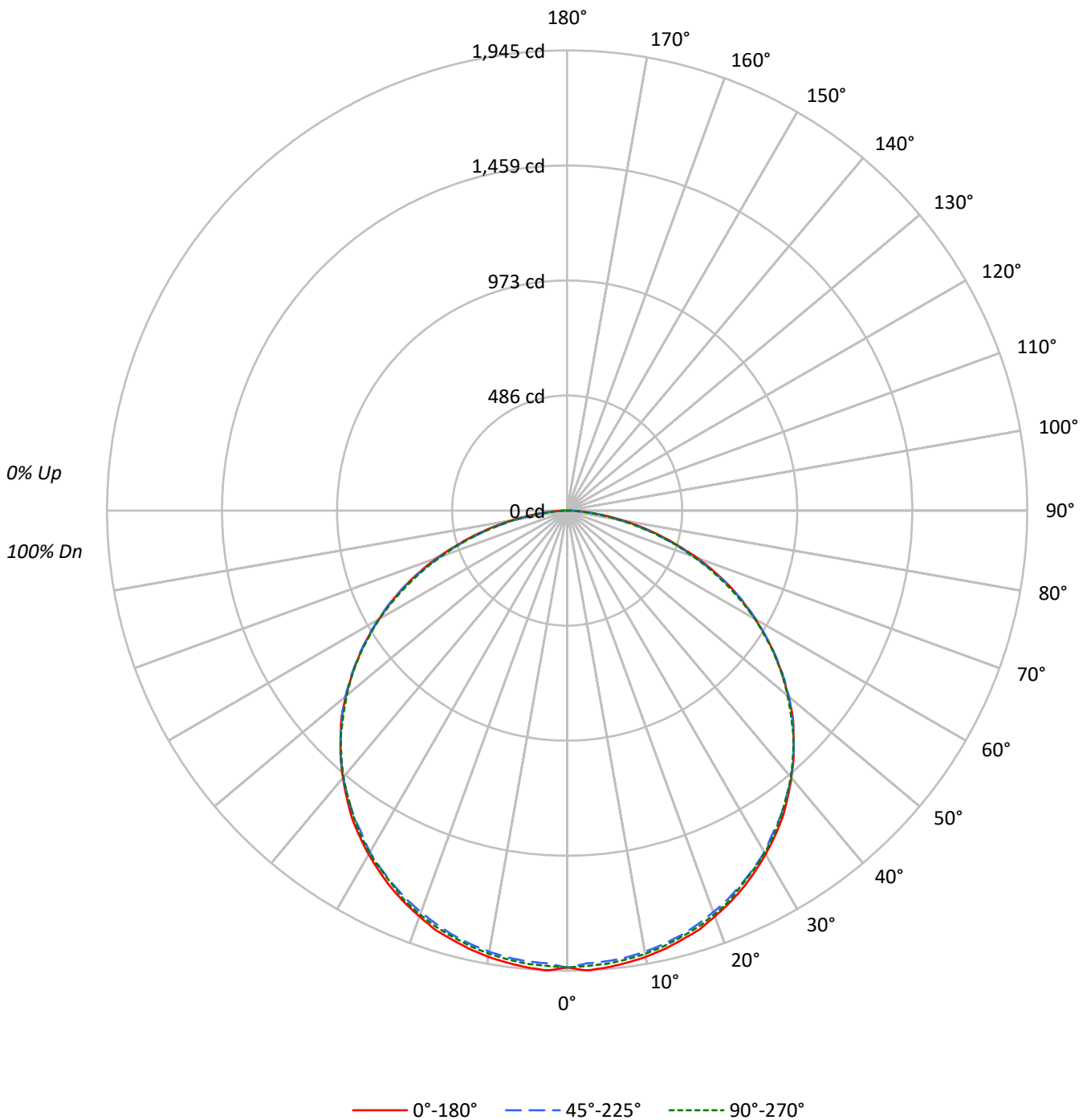
Lumens per Lamp: N/A
Luminaire Lumens: 5775.0 lumens
Efficiency: N/A
Efficacy: 137.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 42
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°	20789	20789	20789
5°	20944	20662	20776
10°	20940	20693	20788
15°	20923	20710	20787
20°	20911	20692	20811
25°	20897	20690	20732
30°	20855	20724	20768
35°	20838	20678	20701
40°	20720	20696	20672
45°	20598	20623	20598
50°	20446	20505	20359
55°	20176	20241	20144
60°	19780	19855	19743
65°	19377	19245	18977
70°	18420	18040	17819
75°	16831	16253	16324
80°	14536	13457	13780
85°	10942	10510	9436



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.2	3.2
10°-20°	528.0	9.1
20°-30°	807.8	14.0
30°-40°	987.7	17.1
40°-50°	1044.8	18.1
50°-60°	962.7	16.7
60°-70°	741.8	12.8
70°-80°	415.6	7.2
80°-90°	103.3	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°	1519.0	26.3
0°-40°	2506.7	43.4
0°-60°	4514.2	78.2
0°-90°	5775.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5775.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1931	1931	1931	1931	1931	
5°	1938	1931	1912	1931	1923	184
15°	1878	1874	1858	1874	1865	530
25°	1760	1756	1742	1756	1746	811
35°	1586	1582	1574	1579	1575	991
45°	1353	1358	1355	1353	1353	1045
55°	1075	1084	1079	1079	1073	960
65°	761	761	756	736	745	748
75°	405	400	391	377	392	429
85°	89	83	85	85	76	109
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1931.4	1931.4	1931.4	1931.4	1931.4
2.5°	1945.3	1936.7	1915.8	1934.9	1926.2
5°	1938.4	1931.4	1912.3	1931.4	1922.8
7.5°	1928.0	1922.8	1905.4	1922.8	1914.1
10°	1915.8	1910.6	1893.2	1910.6	1901.9
12.5°	1898.4	1895.0	1877.6	1895.0	1886.3
15°	1877.6	1874.1	1858.5	1874.1	1865.4
17.5°	1856.8	1849.8	1834.2	1851.5	1844.6
20°	1825.5	1822.0	1806.4	1822.0	1816.8
22.5°	1794.2	1790.8	1776.9	1790.8	1787.3
25°	1759.5	1756.0	1742.1	1756.0	1745.6
27.5°	1719.5	1721.3	1705.6	1714.3	1709.1
30°	1677.9	1677.9	1667.4	1670.9	1670.9
32.5°	1632.7	1632.7	1617.1	1627.5	1625.7
35°	1585.8	1582.3	1573.6	1578.9	1575.4
37.5°	1530.2	1528.5	1523.3	1526.7	1523.3
40°	1474.6	1476.4	1472.9	1471.2	1471.2
42.5°	1417.3	1420.8	1415.6	1413.8	1412.1
45°	1353.1	1358.3	1354.8	1353.1	1353.1
47.5°	1294.0	1295.7	1290.5	1288.8	1283.6
50°	1221.0	1228.0	1224.5	1221.0	1215.8
52.5°	1148.1	1158.5	1151.6	1148.1	1148.1
55°	1075.1	1083.8	1078.6	1078.6	1073.4
57.5°	998.7	1007.4	1000.5	1000.5	993.5
60°	918.8	927.5	922.3	917.1	917.1
62.5°	838.9	845.9	844.1	835.5	830.2
65°	760.8	760.8	755.6	736.5	745.1
67.5°	672.2	670.4	663.5	644.4	656.6
70°	585.3	585.3	573.2	550.6	566.2
72.5°	491.5	496.8	481.1	465.5	481.1
75°	404.7	399.5	390.8	376.9	392.5
77.5°	321.3	312.6	302.2	295.3	304.0
80°	234.5	229.3	217.1	217.1	222.3
82.5°	159.8	154.6	145.9	147.6	140.7
85°	88.6	83.4	85.1	85.1	76.4
87.5°	36.5	36.5	36.5	33.0	29.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)