

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: P566707

Luminaire Tested: **4SNX-63SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566707
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-63SL-UNV-L935-CD
Description: 4FT 6300 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

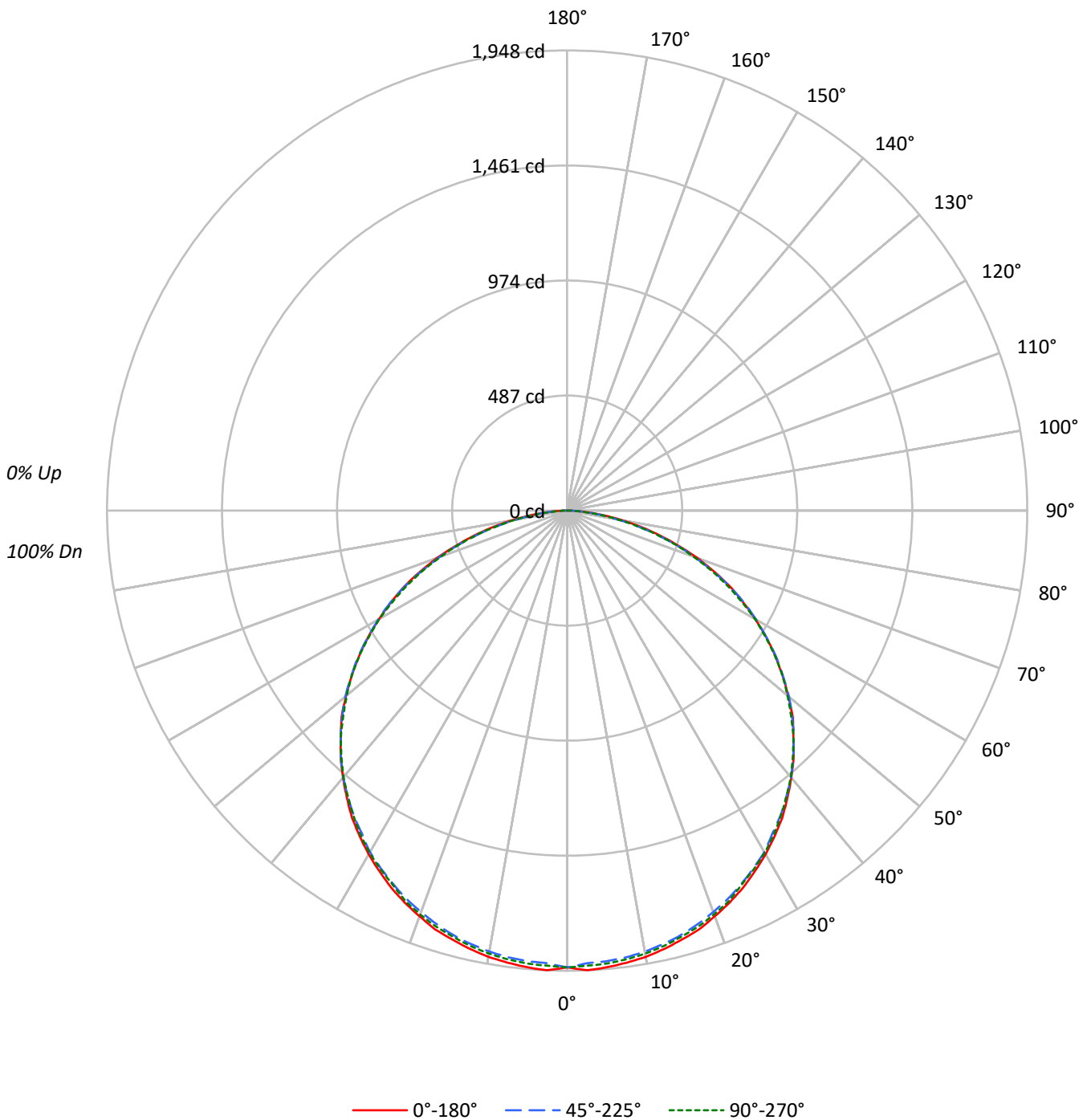
Lumens per Lamp: N/A
Luminaire Lumens: 5782.0 lumens
Efficiency: N/A
Efficacy: 130.2 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 44.4
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°	20815	20815	20815
5°	20969	20688	20801
10°	20965	20718	20813
15°	20949	20735	20813
20°	20936	20717	20836
25°	20922	20715	20757
30°	20880	20750	20793
35°	20863	20703	20726
40°	20745	20721	20696
45°	20622	20648	20622
50°	20472	20530	20385
55°	20202	20266	20168
60°	19803	19879	19767
65°	19400	19268	19000
70°	18442	18062	17841
75°	16852	16274	16344
80°	14555	13476	13798
85°	10955	10522	9448



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	183.4	3.2
10°-20°	528.6	9.1
20°-30°	808.8	14.0
30°-40°	988.9	17.1
40°-50°	1046.1	18.1
50°-60°	963.8	16.7
60°-70°	742.7	12.8
70°-80°	416.2	7.2
80°-90°	103.4	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°	1520.8	26.3
0°-40°	2509.8	43.4
0°-60°	4519.7	78.2
0°-90°	5782.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5782.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1934	1934	1934	1934	1934	
5°	1941	1934	1915	1934	1925	184
15°	1880	1876	1861	1876	1868	531
25°	1762	1758	1744	1758	1748	812
35°	1588	1584	1576	1581	1577	992
45°	1355	1360	1356	1355	1355	1046
55°	1076	1085	1080	1080	1075	961
65°	762	762	756	737	746	749
75°	405	400	391	377	393	430
85°	89	84	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°	1933.8	1933.8	1933.8	1933.8	1933.8
2.5°	1947.7	1939.0	1918.1	1937.3	1928.6
5°	1940.7	1933.8	1914.7	1933.8	1925.1
7.5°	1930.3	1925.1	1907.7	1925.1	1916.4
10°	1918.1	1912.9	1895.5	1912.9	1904.2
12.5°	1900.7	1897.3	1879.9	1897.3	1888.6
15°	1879.9	1876.4	1860.7	1876.4	1867.7
17.5°	1859.0	1852.1	1836.4	1853.8	1846.8
20°	1827.7	1824.2	1808.6	1824.2	1819.0
22.5°	1796.4	1792.9	1779.0	1792.9	1789.4
25°	1761.6	1758.1	1744.2	1758.1	1747.7
27.5°	1721.6	1723.4	1707.7	1716.4	1711.2
30°	1679.9	1679.9	1669.5	1672.9	1672.9
32.5°	1634.7	1634.7	1619.0	1629.5	1627.7
35°	1587.7	1584.2	1575.5	1580.8	1577.3
37.5°	1532.1	1530.3	1525.1	1528.6	1525.1
40°	1476.4	1478.2	1474.7	1472.9	1472.9
42.5°	1419.0	1422.5	1417.3	1415.6	1413.8
45°	1354.7	1359.9	1356.4	1354.7	1354.7
47.5°	1295.6	1297.3	1292.1	1290.3	1285.1
50°	1222.5	1229.5	1226.0	1222.5	1217.3
52.5°	1149.5	1159.9	1153.0	1149.5	1149.5
55°	1076.5	1085.1	1079.9	1079.9	1074.7
57.5°	999.9	1008.6	1001.7	1001.7	994.7
60°	919.9	928.6	923.4	918.2	918.2
62.5°	839.9	846.9	845.2	836.5	831.2
65°	761.7	761.7	756.5	737.3	746.0
67.5°	673.0	671.3	664.3	645.2	657.3
70°	586.0	586.0	573.9	551.3	566.9
72.5°	492.1	497.4	481.7	466.1	481.7
75°	405.2	400.0	391.3	377.4	393.0
77.5°	321.7	313.0	302.6	295.6	304.3
80°	234.8	229.6	217.4	217.4	222.6
82.5°	160.0	154.8	146.1	147.8	140.9
85°	88.7	83.5	85.2	85.2	76.5
87.5°	36.5	36.5	36.5	33.0	29.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)