

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: P566708

Luminaire Tested: **4SNX-63SL-UNV-L940-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566708  
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-L940-CD  
Description: 4FT 6300 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

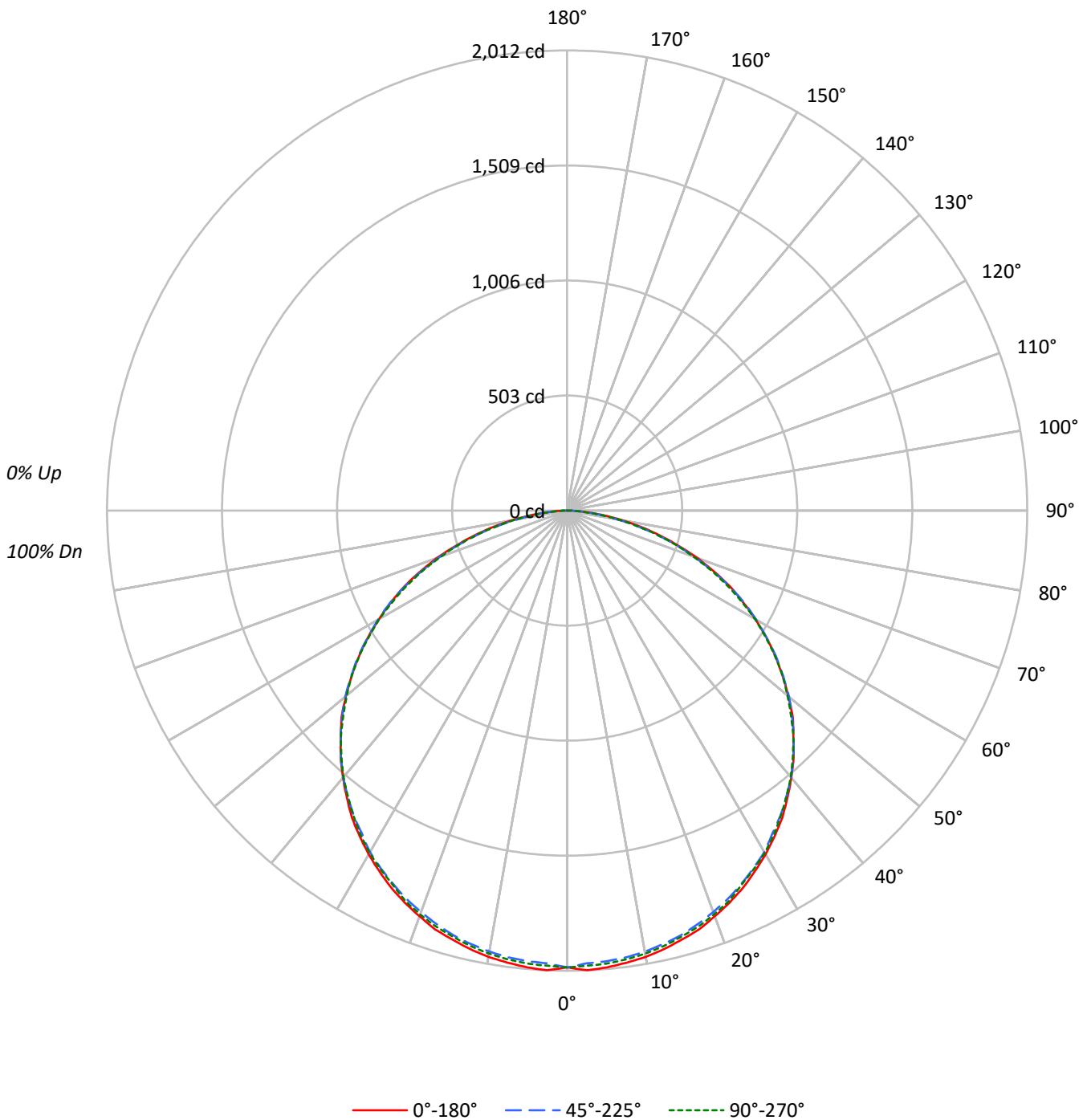
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5972.0 lumens  
Efficiency: N/A  
Efficacy: 134.5 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): 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°	21499	21499	21499
5°	21659	21368	21485
10°	21654	21399	21497
15°	21636	21417	21497
20°	21624	21397	21521
25°	21610	21396	21439
30°	21566	21431	21476
35°	21549	21383	21407
40°	21427	21402	21376
45°	21299	21327	21299
50°	21145	21205	21054
55°	20864	20932	20831
60°	20456	20533	20417
65°	20037	19899	19627
70°	19050	18653	18427
75°	17405	16806	16881
80°	15032	13916	14251
85°	11313	10868	9757



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	189.5	3.2
10°-20°	546.0	9.1
20°-30°	835.4	14.0
30°-40°	1021.4	17.1
40°-50°	1080.5	18.1
50°-60°	995.5	16.7
60°-70°	767.1	12.8
70°-80°	429.8	7.2
80°-90°	106.8	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°	1570.8	26.3
0°-40°	2592.2	43.4
0°-60°	4668.2	78.2
0°-90°	5972.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5972.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1997	1997	1997	1997	1997	
5°	2004	1997	1978	1997	1988	191
15°	1942	1938	1922	1938	1929	549
25°	1820	1816	1802	1816	1805	839
35°	1640	1636	1627	1633	1629	1025
45°	1399	1405	1401	1399	1399	1081
55°	1112	1121	1115	1115	1110	993
65°	787	787	781	762	771	774
75°	418	413	404	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°	1997.3	1997.3	1997.3	1997.3	1997.3
2.5°	2011.7	2002.7	1981.2	2000.9	1991.9
5°	2004.5	1997.3	1977.6	1997.3	1988.4
7.5°	1993.7	1988.4	1970.4	1988.4	1979.4
10°	1981.2	1975.8	1957.8	1975.8	1966.8
12.5°	1963.2	1959.6	1941.6	1959.6	1950.6
15°	1941.6	1938.1	1921.9	1938.1	1929.1
17.5°	1920.1	1912.9	1896.7	1914.7	1907.5
20°	1887.8	1884.2	1868.0	1884.2	1878.8
22.5°	1855.4	1851.8	1837.5	1851.8	1848.2
25°	1819.5	1815.9	1801.5	1815.9	1805.1
27.5°	1778.2	1780.0	1763.8	1772.8	1767.4
30°	1735.1	1735.1	1724.3	1727.9	1727.9
32.5°	1688.4	1688.4	1672.2	1683.0	1681.2
35°	1639.9	1636.3	1627.3	1632.7	1629.1
37.5°	1582.4	1580.6	1575.2	1578.8	1575.2
40°	1524.9	1526.7	1523.1	1521.3	1521.3
42.5°	1465.7	1469.3	1463.9	1462.1	1460.3
45°	1399.2	1404.6	1401.0	1399.2	1399.2
47.5°	1338.1	1339.9	1334.5	1332.8	1327.4
50°	1262.7	1269.9	1266.3	1262.7	1257.3
52.5°	1187.3	1198.0	1190.9	1187.3	1187.3
55°	1111.8	1120.8	1115.4	1115.4	1110.0
57.5°	1032.8	1041.8	1034.6	1034.6	1027.4
60°	950.2	959.1	953.8	948.4	948.4
62.5°	867.5	874.7	872.9	864.0	858.6
65°	786.7	786.7	781.3	761.6	770.6
67.5°	695.1	693.3	686.1	666.4	678.9
70°	605.3	605.3	592.7	569.4	585.5
72.5°	508.3	513.7	497.5	481.4	497.5
75°	418.5	413.1	404.1	389.8	405.9
77.5°	332.3	323.3	312.5	305.3	314.3
80°	242.5	237.1	224.5	224.5	229.9
82.5°	165.2	159.9	150.9	152.7	145.5
85°	91.6	86.2	88.0	88.0	79.0
87.5°	37.7	37.7	37.7	34.1	30.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)