

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: P566658

Luminaire Tested: **4SNX-60SL-UNV-L930-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566658  
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-L930-CD  
Description: 4FT 6000 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

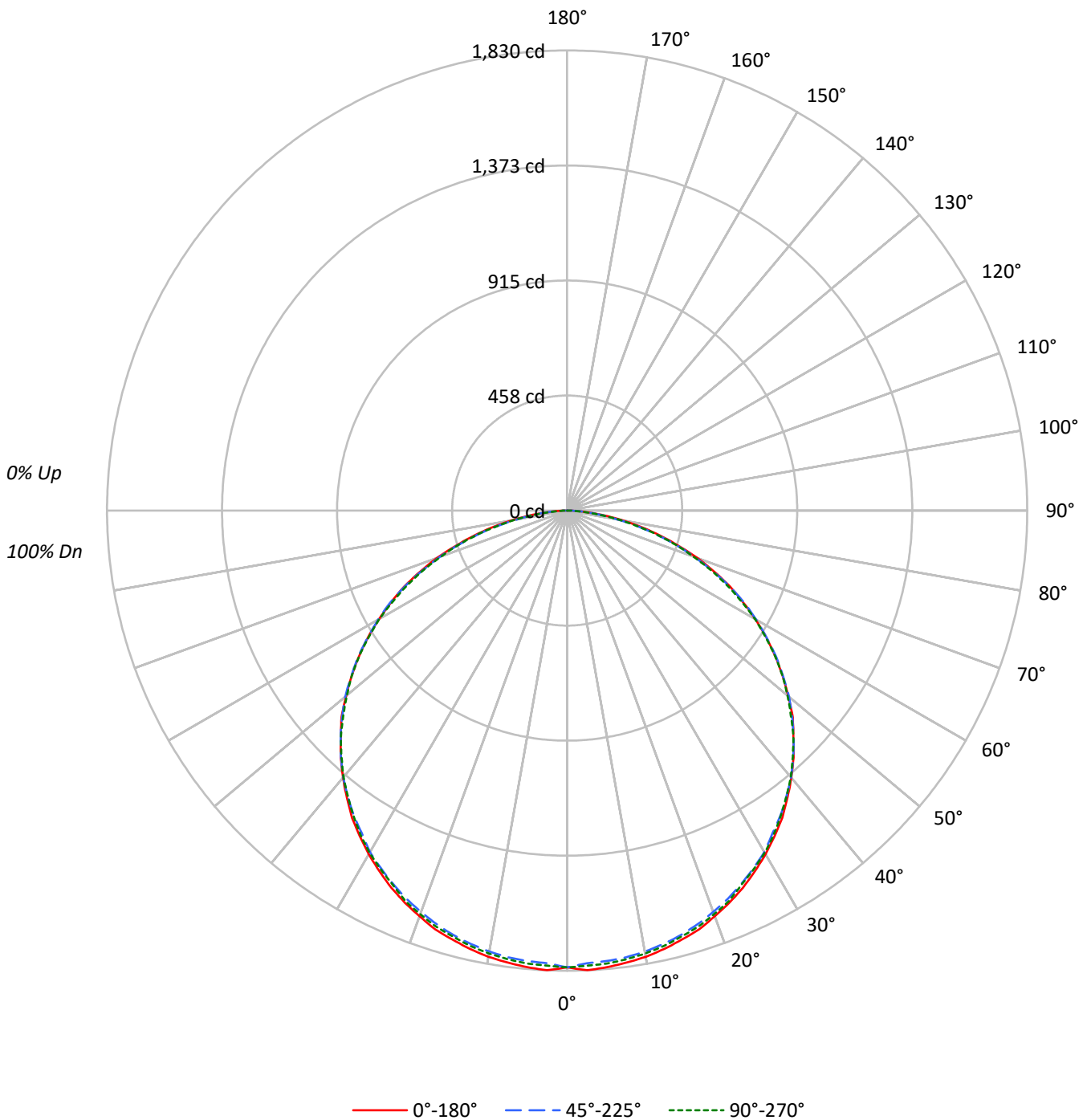
Lumens per Lamp: N/A  
Luminaire Lumens: 5431.0 lumens  
Efficiency: N/A  
Efficacy: 129.3 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')  
CIE Type: Direct

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°	19552	19552	19552
5°	19696	19432	19538
10°	19693	19461	19549
15°	19677	19477	19549
20°	19665	19459	19572
25°	19652	19458	19497
30°	19612	19490	19531
35°	19596	19446	19467
40°	19486	19464	19440
45°	19371	19395	19371
50°	19229	19284	19147
55°	18975	19037	18945
60°	18602	18673	18568
65°	18223	18096	17847
70°	17325	16963	16759
75°	15829	15284	15355
80°	13668	12658	12961
85°	10288	9880	8880



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	172.3	3.2
10°-20°	496.5	9.1
20°-30°	759.7	14.0
30°-40°	928.9	17.1
40°-50°	982.6	18.1
50°-60°	905.3	16.7
60°-70°	697.6	12.8
70°-80°	390.9	7.2
80°-90°	97.1	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°	1428.5	26.3
0°-40°	2357.4	43.4
0°-60°	4245.3	78.2
0°-90°	5431.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5431.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1816	1816	1816	1816	1816	
5°	1823	1816	1798	1816	1808	173
15°	1766	1762	1748	1762	1754	499
25°	1655	1651	1638	1651	1642	763
35°	1491	1488	1480	1485	1482	932
45°	1272	1277	1274	1272	1272	983
55°	1011	1019	1014	1014	1010	903
65°	716	716	710	693	701	704
75°	381	376	368	354	369	404
85°	83	78	80	80	72	103
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1816.4	1816.4	1816.4	1816.4	1816.4
2.5°	1829.5	1821.3	1801.7	1819.7	1811.5
5°	1822.9	1816.4	1798.4	1816.4	1808.2
7.5°	1813.1	1808.2	1791.9	1808.2	1800.1
10°	1801.7	1796.8	1780.5	1796.8	1788.6
12.5°	1785.4	1782.1	1765.8	1782.1	1773.9
15°	1765.8	1762.5	1747.8	1762.5	1754.3
17.5°	1746.2	1739.6	1724.9	1741.3	1734.7
20°	1716.8	1713.5	1698.8	1713.5	1708.6
22.5°	1687.4	1684.1	1671.0	1684.1	1680.8
25°	1654.7	1651.4	1638.3	1651.4	1641.6
27.5°	1617.1	1618.7	1604.0	1612.2	1607.3
30°	1577.9	1577.9	1568.1	1571.4	1571.4
32.5°	1535.4	1535.4	1520.7	1530.5	1528.9
35°	1491.3	1488.1	1479.9	1484.8	1481.5
37.5°	1439.1	1437.4	1432.5	1435.8	1432.5
40°	1386.8	1388.4	1385.2	1383.5	1383.5
42.5°	1332.9	1336.2	1331.3	1329.6	1328.0
45°	1272.5	1277.4	1274.1	1272.5	1272.5
47.5°	1216.9	1218.6	1213.7	1212.0	1207.1
50°	1148.3	1154.8	1151.6	1148.3	1143.4
52.5°	1079.7	1089.5	1083.0	1079.7	1079.7
55°	1011.1	1019.3	1014.4	1014.4	1009.5
57.5°	939.2	947.4	940.9	940.9	934.3
60°	864.1	872.3	867.4	862.5	862.5
62.5°	789.0	795.5	793.9	785.7	780.8
65°	715.5	715.5	710.5	692.6	700.7
67.5°	632.1	630.5	624.0	606.0	617.4
70°	550.5	550.5	539.0	517.8	532.5
72.5°	462.3	467.2	452.5	437.8	452.5
75°	380.6	375.7	367.5	354.5	369.2
77.5°	302.2	294.0	284.2	277.7	285.9
80°	220.5	215.6	204.2	204.2	209.1
82.5°	150.3	145.4	137.2	138.8	132.3
85°	83.3	78.4	80.0	80.0	71.9
87.5°	34.3	34.3	34.3	31.0	27.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)