

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: P566655

Luminaire Tested: **4SNX-60SL-UNV-L835-CD**

Issue Date: 9/15/2022



**Test Information**

Test Method: LM-79-08  
Report Number: P566655  
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-L835-CD  
Description: 4FT 6000 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS  
Light Source: -  
Ballast/Driver: -

**Summary**

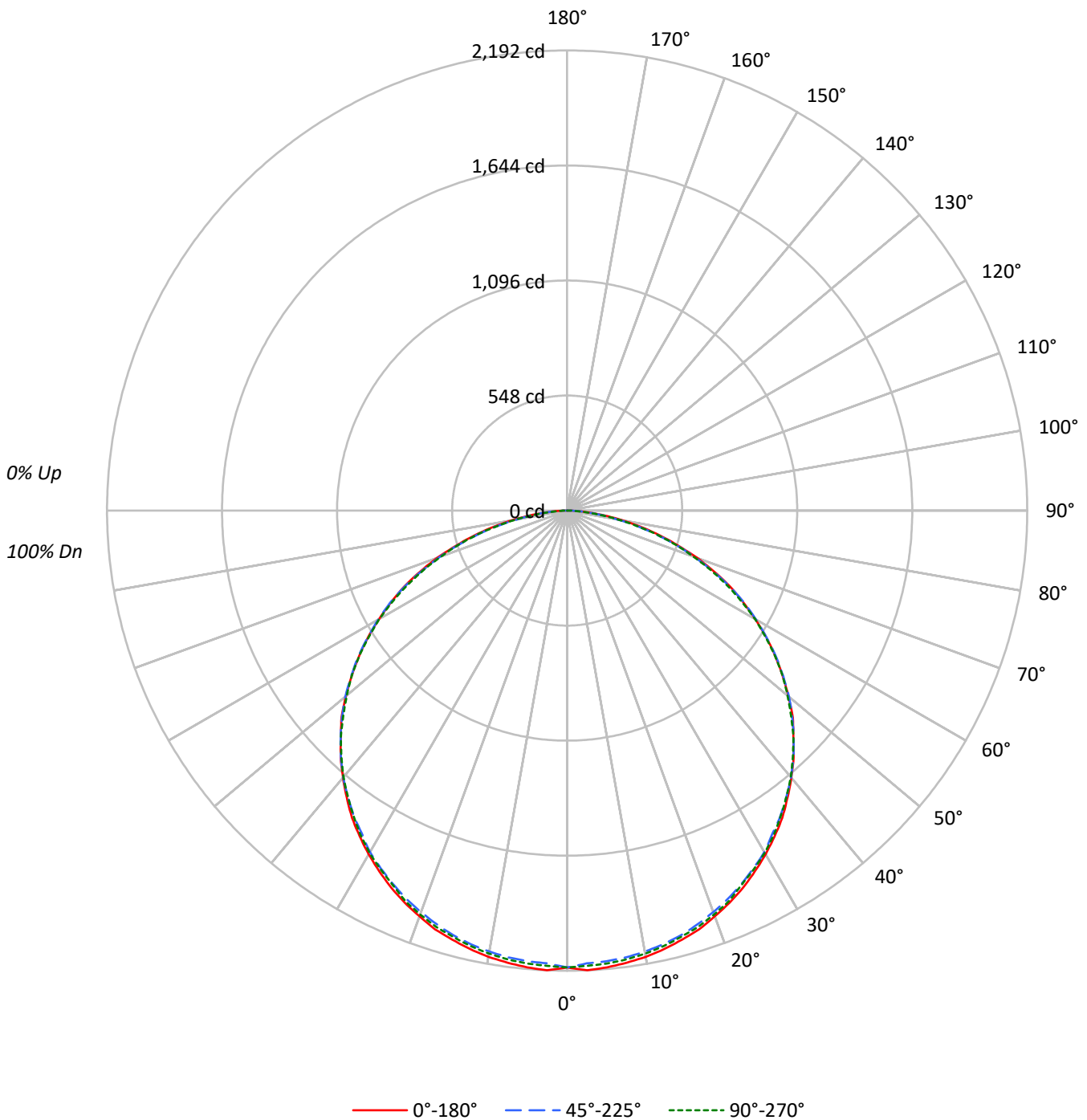
Lumens per Lamp: N/A  
Luminaire Lumens: 6507.0 lumens  
Efficiency: N/A  
Efficacy: 154.9 lumens/watt  
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41  
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')  
CIE Type: Direct

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	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					100			
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83					83			
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69					69			
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58					58			
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49					49			
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42					42			
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37					37			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33					33			
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29					29			
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26					26			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23					23			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	23426	23426	23426
5°	23599	23282	23409
10°	23593	23316	23423
15°	23575	23336	23423
20°	23561	23315	23449
25°	23545	23313	23360
30°	23497	23352	23400
35°	23479	23299	23325
40°	23348	23320	23291
45°	23208	23237	23208
50°	23039	23104	22940
55°	22734	22807	22698
60°	22288	22372	22245
65°	21833	21682	21384
70°	20756	20324	20079
75°	18964	18311	18395
80°	16377	15162	15528
85°	12326	11844	10634



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	206.4	3.2
10°-20°	594.9	9.1
20°-30°	910.2	14.0
30°-40°	1112.9	17.1
40°-50°	1177.3	18.1
50°-60°	1084.7	16.7
60°-70°	835.8	12.8
70°-80°	468.3	7.2
80°-90°	116.4	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°	1711.6	26.3
0°-40°	2824.5	43.4
0°-60°	5086.4	78.2
0°-90°	6507.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6507.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2176	2176	2176	2176	2176	
5°	2184	2176	2155	2176	2166	208
15°	2116	2112	2094	2112	2102	598
25°	1982	1979	1963	1979	1967	914
35°	1787	1783	1773	1779	1775	1116
45°	1525	1530	1526	1525	1525	1178
55°	1211	1221	1215	1215	1210	1082
65°	857	857	851	830	840	843
75°	456	450	440	425	442	484
85°	100	94	96	96	86	123
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2176.3	2176.3	2176.3	2176.3	2176.3
2.5°	2191.9	2182.1	2158.6	2180.2	2170.4
5°	2184.1	2176.3	2154.7	2176.3	2166.5
7.5°	2172.3	2166.5	2146.9	2166.5	2156.7
10°	2158.6	2152.8	2133.2	2152.8	2143.0
12.5°	2139.1	2135.2	2115.6	2135.2	2125.4
15°	2115.6	2111.7	2094.1	2111.7	2101.9
17.5°	2092.1	2084.3	2066.7	2086.2	2078.4
20°	2056.9	2053.0	2035.4	2053.0	2047.1
22.5°	2021.7	2017.7	2002.1	2017.7	2013.8
25°	1982.5	1978.6	1962.9	1978.6	1966.9
27.5°	1937.5	1939.5	1921.8	1931.6	1925.8
30°	1890.5	1890.5	1878.8	1882.7	1882.7
32.5°	1839.6	1839.6	1822.0	1833.8	1831.8
35°	1786.8	1782.9	1773.1	1779.0	1775.1
37.5°	1724.2	1722.2	1716.3	1720.3	1716.3
40°	1661.6	1663.5	1659.6	1657.6	1657.6
42.5°	1597.0	1600.9	1595.0	1593.1	1591.1
45°	1524.6	1530.4	1526.5	1524.6	1524.6
47.5°	1458.0	1460.0	1454.1	1452.1	1446.3
50°	1375.8	1383.6	1379.7	1375.8	1369.9
52.5°	1293.6	1305.4	1297.5	1293.6	1293.6
55°	1211.4	1221.2	1215.3	1215.3	1209.5
57.5°	1125.3	1135.1	1127.3	1127.3	1119.4
60°	1035.3	1045.1	1039.2	1033.3	1033.3
62.5°	945.3	953.1	951.1	941.4	935.5
65°	857.2	857.2	851.3	829.8	839.6
67.5°	757.4	755.4	747.6	726.1	739.8
70°	659.5	659.5	645.8	620.4	638.0
72.5°	553.9	559.7	542.1	524.5	542.1
75°	456.0	450.1	440.3	424.7	442.3
77.5°	362.1	352.3	340.5	332.7	342.5
80°	264.2	258.3	244.6	244.6	250.5
82.5°	180.1	174.2	164.4	166.4	158.5
85°	99.8	93.9	95.9	95.9	86.1
87.5°	41.1	41.1	41.1	37.2	33.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)