

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: P566611

Luminaire Tested: **4SNX-57SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566611
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-57SL-UNV-L935-CD
Description: 4FT 5700 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

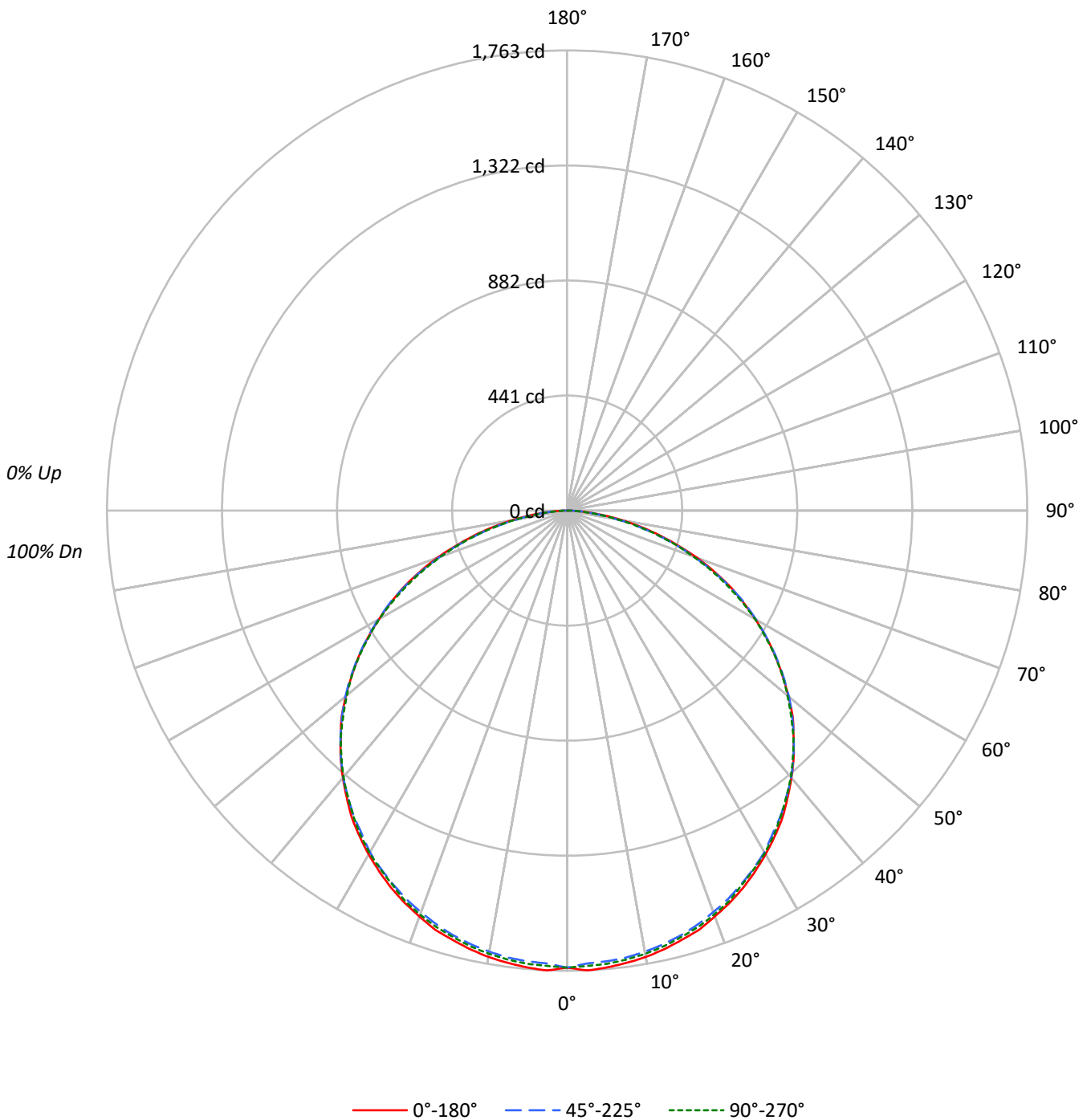
Lumens per Lamp: N/A
Luminaire Lumens: 5235.0 lumens
Efficiency: N/A
Efficacy: 131.9 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 39.7
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

TEST NUMBER: P566611

CATALOG NUMBER: 4SNX-57SL-UNV-L935-CD

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°	18845	18845	18845
5°	18986	18731	18833
10°	18982	18758	18844
15°	18966	18774	18844
20°	18955	18757	18865
25°	18943	18756	18794
30°	18905	18787	18826
35°	18889	18745	18766
40°	18782	18761	18739
45°	18670	18695	18670
50°	18536	18588	18455
55°	18290	18350	18260
60°	17931	17999	17896
65°	17564	17444	17205
70°	16699	16353	16154
75°	15259	14735	14797
80°	13178	12199	12490
85°	9917	9534	8559



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	166.1	3.2
10°-20°	478.6	9.1
20°-30°	732.3	14.0
30°-40°	895.4	17.1
40°-50°	947.1	18.1
50°-60°	872.7	16.7
60°-70°	672.5	12.8
70°-80°	376.8	7.2
80°-90°	93.7	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°	1377.0	26.3
0°-40°	2272.3	43.4
0°-60°	4092.1	78.2
0°-90°	5235.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5235.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1751	1751	1751	1751	1751	
5°	1757	1751	1734	1751	1743	167
15°	1702	1699	1685	1699	1691	481
25°	1595	1592	1579	1592	1582	735
35°	1438	1434	1426	1431	1428	898
45°	1226	1231	1228	1226	1226	947
55°	975	982	978	978	973	870
65°	690	690	685	668	676	678
75°	367	362	354	342	356	389
85°	80	76	77	77	69	99
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1750.8	1750.8	1750.8	1750.8	1750.8
2.5°	1763.4	1755.6	1736.7	1754.0	1746.1
5°	1757.1	1750.8	1733.5	1750.8	1743.0
7.5°	1747.7	1743.0	1727.2	1743.0	1735.1
10°	1736.7	1731.9	1716.2	1731.9	1724.1
12.5°	1720.9	1717.8	1702.0	1717.8	1709.9
15°	1702.0	1698.9	1684.7	1698.9	1691.0
17.5°	1683.1	1676.8	1662.7	1678.4	1672.1
20°	1654.8	1651.6	1637.5	1651.6	1646.9
22.5°	1626.5	1623.3	1610.7	1623.3	1620.2
25°	1595.0	1591.8	1579.2	1591.8	1582.4
27.5°	1558.8	1560.3	1546.2	1554.0	1549.3
30°	1521.0	1521.0	1511.5	1514.7	1514.7
32.5°	1480.0	1480.0	1465.9	1475.3	1473.7
35°	1437.5	1434.4	1426.5	1431.2	1428.1
37.5°	1387.1	1385.6	1380.8	1384.0	1380.8
40°	1336.7	1338.3	1335.2	1333.6	1333.6
42.5°	1284.8	1287.9	1283.2	1281.6	1280.1
45°	1226.5	1231.3	1228.1	1226.5	1226.5
47.5°	1173.0	1174.6	1169.9	1168.3	1163.6
50°	1106.9	1113.2	1110.0	1106.9	1102.1
52.5°	1040.7	1050.2	1043.9	1040.7	1040.7
55°	974.6	982.5	977.8	977.8	973.0
57.5°	905.3	913.2	906.9	906.9	900.6
60°	832.9	840.8	836.1	831.3	831.3
62.5°	760.5	766.8	765.2	757.3	752.6
65°	689.6	689.6	684.9	667.6	675.5
67.5°	609.3	607.8	601.5	584.1	595.2
70°	530.6	530.6	519.6	499.1	513.3
72.5°	445.6	450.3	436.1	422.0	436.1
75°	366.9	362.1	354.3	341.7	355.8
77.5°	291.3	283.4	274.0	267.7	275.5
80°	212.6	207.8	196.8	196.8	201.5
82.5°	144.9	140.1	132.3	133.8	127.5
85°	80.3	75.6	77.2	77.2	69.3
87.5°	33.1	33.1	33.1	29.9	26.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)