

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: P566754

Luminaire Tested: **4SNX-67SL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566754
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-67SL-UNV-L930-CD
Description: 4FT 6700 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

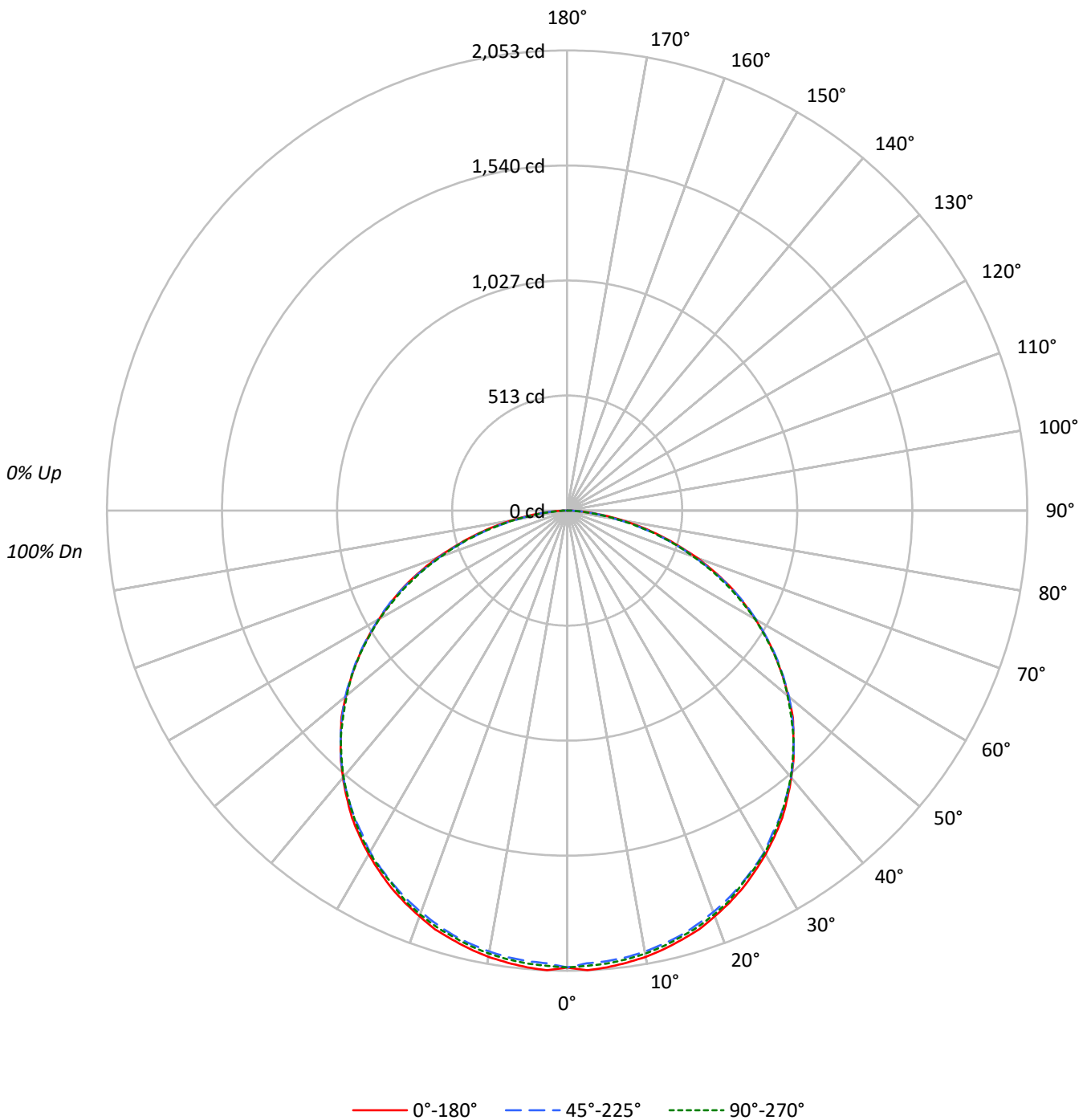
Lumens per Lamp: N/A
Luminaire Lumens: 6094.0 lumens
Efficiency: N/A
Efficacy: 127.2 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 47.9
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°	21938	21938	21938
5°	22102	21805	21923
10°	22096	21836	21936
15°	22079	21855	21936
20°	22065	21835	21961
25°	22051	21834	21877
30°	22006	21869	21915
35°	21989	21821	21844
40°	21865	21840	21813
45°	21735	21762	21735
50°	21577	21639	21485
55°	21290	21360	21257
60°	20873	20951	20832
65°	20447	20307	20027
70°	19440	19034	18804
75°	17762	17151	17226
80°	15336	14201	14542
85°	11547	11090	9954



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	193.3	3.2
10°-20°	557.1	9.1
20°-30°	852.4	14.0
30°-40°	1042.3	17.1
40°-50°	1102.5	18.1
50°-60°	1015.9	16.7
60°-70°	782.8	12.8
70°-80°	438.6	7.2
80°-90°	109.0	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°	1602.9	26.3
0°-40°	2645.2	43.4
0°-60°	4763.6	78.2
0°-90°	6094.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6094.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2038	2038	2038	2038	2038	
5°	2046	2038	2018	2038	2029	194
15°	1981	1978	1961	1978	1968	560
25°	1857	1853	1838	1853	1842	856
35°	1673	1670	1661	1666	1662	1046
45°	1428	1433	1430	1428	1428	1103
55°	1134	1144	1138	1138	1133	1013
65°	803	803	797	777	786	790
75°	427	422	412	398	414	453
85°	94	88	90	90	81	115
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2038.1	2038.1	2038.1	2038.1	2038.1
2.5°	2052.8	2043.6	2021.6	2041.8	2032.6
5°	2045.5	2038.1	2018.0	2038.1	2029.0
7.5°	2034.5	2029.0	2010.6	2029.0	2019.8
10°	2021.6	2016.1	1997.8	2016.1	2007.0
12.5°	2003.3	1999.6	1981.3	1999.6	1990.5
15°	1981.3	1977.6	1961.2	1977.6	1968.5
17.5°	1959.3	1952.0	1935.5	1953.8	1946.5
20°	1926.3	1922.7	1906.2	1922.7	1917.2
22.5°	1893.3	1889.7	1875.0	1889.7	1886.0
25°	1856.7	1853.0	1838.4	1853.0	1842.0
27.5°	1814.5	1816.4	1799.9	1809.0	1803.5
30°	1770.5	1770.5	1759.5	1763.2	1763.2
32.5°	1722.9	1722.9	1706.4	1717.4	1715.6
35°	1673.4	1669.7	1660.6	1666.1	1662.4
37.5°	1614.7	1612.9	1607.4	1611.1	1607.4
40°	1556.1	1557.9	1554.3	1552.4	1552.4
42.5°	1495.6	1499.3	1493.8	1491.9	1490.1
45°	1427.8	1433.3	1429.6	1427.8	1427.8
47.5°	1365.5	1367.3	1361.8	1360.0	1354.5
50°	1288.5	1295.8	1292.2	1288.5	1283.0
52.5°	1211.5	1222.5	1215.2	1211.5	1211.5
55°	1134.5	1143.7	1138.2	1138.2	1132.7
57.5°	1053.9	1063.1	1055.7	1055.7	1048.4
60°	969.6	978.7	973.2	967.7	967.7
62.5°	885.3	892.6	890.8	881.6	876.1
65°	802.8	802.8	797.3	777.1	786.3
67.5°	709.3	707.5	700.2	680.0	692.8
70°	617.7	617.7	604.8	581.0	597.5
72.5°	518.7	524.2	507.7	491.2	507.7
75°	427.1	421.6	412.4	397.7	414.2
77.5°	339.1	329.9	318.9	311.6	320.7
80°	247.4	241.9	229.1	229.1	234.6
82.5°	168.6	163.1	154.0	155.8	148.5
85°	93.5	88.0	89.8	89.8	80.6
87.5°	38.5	38.5	38.5	34.8	31.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)