

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: P567966

Luminaire Tested: **8SNX-66SL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567966
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: 8SNX-66SL-UNV-L930-CD
Description: 8FT 6600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

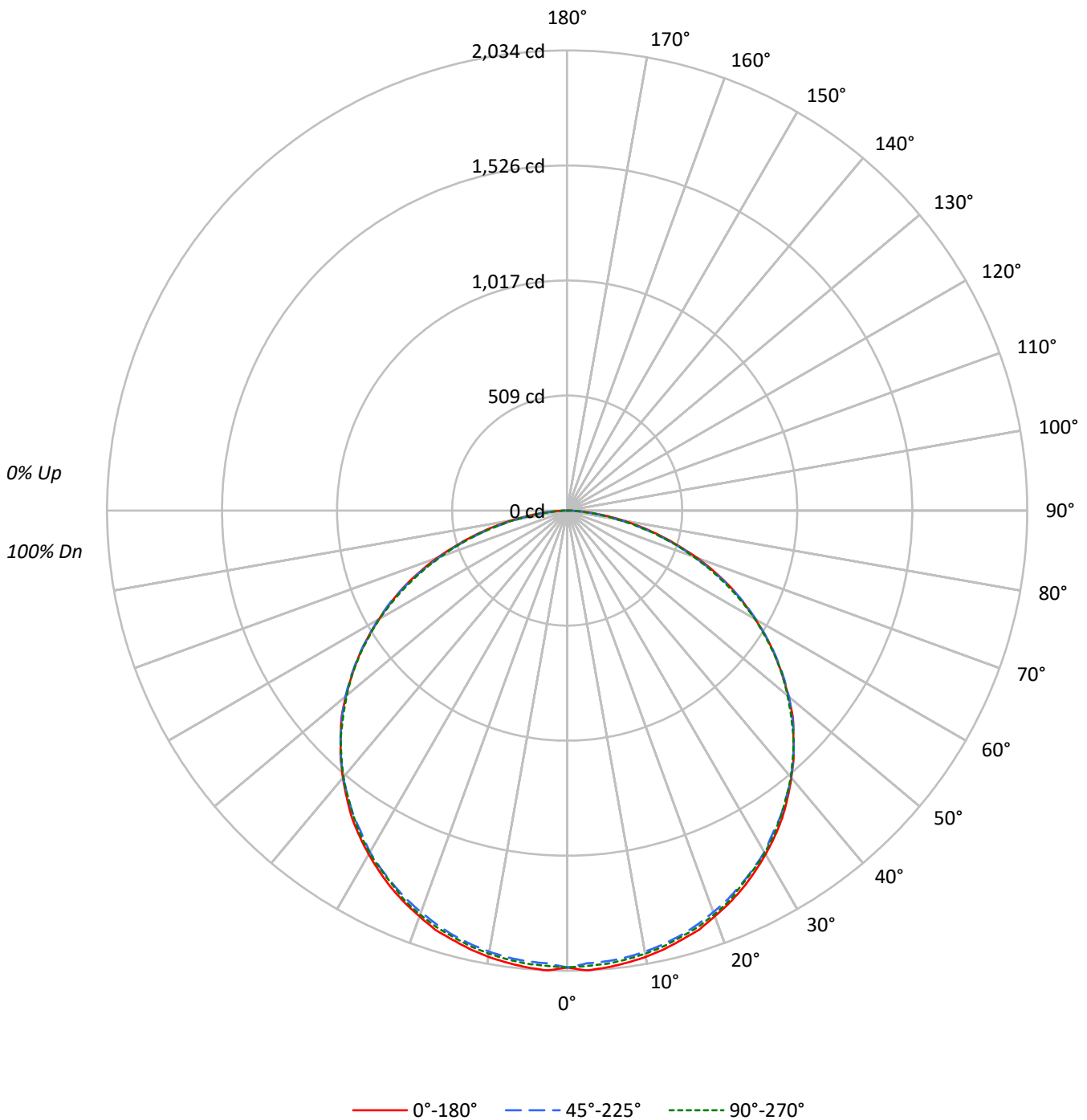
Lumens per Lamp: N/A
Luminaire Lumens: 6039.0 lumens
Efficiency: N/A
Efficacy: 143.1 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

Input Watts (W): 42.2
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°	10870	10870	10870
5°	10951	10804	10863
10°	10949	10820	10869
15°	10940	10829	10869
20°	10933	10819	10881
25°	10926	10818	10840
30°	10904	10836	10859
35°	10895	10812	10824
40°	10834	10821	10808
45°	10769	10783	10769
50°	10691	10721	10645
55°	10549	10583	10533
60°	10342	10382	10323
65°	10131	10062	9923
70°	9632	9432	9317
75°	8800	8499	8536
80°	7600	7036	7206
85°	5718	5496	4934



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.6	3.2
10°-20°	552.1	9.1
20°-30°	844.8	14.0
30°-40°	1032.9	17.1
40°-50°	1092.6	18.1
50°-60°	1006.7	16.7
60°-70°	775.7	12.8
70°-80°	434.6	7.2
80°-90°	108.0	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°	1588.5	26.3
0°-40°	2621.3	43.4
0°-60°	4720.6	78.2
0°-90°	6039.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6039.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2020	2020	2020	2020	2020	
5°	2027	2020	2000	2020	2011	193
15°	1963	1960	1944	1960	1951	555
25°	1840	1836	1822	1836	1825	848
35°	1658	1655	1646	1651	1647	1036
45°	1415	1420	1417	1415	1415	1093
55°	1124	1133	1128	1128	1122	1004
65°	796	796	790	770	779	783
75°	423	418	409	394	410	449
85°	93	87	89	89	80	114
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2019.7	2019.7	2019.7	2019.7	2019.7
2.5°	2034.3	2025.2	2003.4	2023.4	2014.3
5°	2027.0	2019.7	1999.8	2019.7	2010.7
7.5°	2016.1	2010.7	1992.5	2010.7	2001.6
10°	2003.4	1997.9	1979.8	1997.9	1988.9
12.5°	1985.2	1981.6	1963.4	1981.6	1972.5
15°	1963.4	1959.8	1943.5	1959.8	1950.7
17.5°	1941.6	1934.4	1918.0	1936.2	1928.9
20°	1908.9	1905.3	1889.0	1905.3	1899.9
22.5°	1876.3	1872.6	1858.1	1872.6	1869.0
25°	1839.9	1836.3	1821.8	1836.3	1825.4
27.5°	1798.1	1800.0	1783.6	1792.7	1787.3
30°	1754.6	1754.6	1743.7	1747.3	1747.3
32.5°	1707.3	1707.3	1691.0	1701.9	1700.1
35°	1658.3	1654.7	1645.6	1651.0	1647.4
37.5°	1600.2	1598.4	1592.9	1596.5	1592.9
40°	1542.0	1543.9	1540.2	1538.4	1538.4
42.5°	1482.1	1485.7	1480.3	1478.5	1476.7
45°	1414.9	1420.4	1416.7	1414.9	1414.9
47.5°	1353.2	1355.0	1349.5	1347.7	1342.3
50°	1276.9	1284.1	1280.5	1276.9	1271.4
52.5°	1200.6	1211.5	1204.2	1200.6	1200.6
55°	1124.3	1133.4	1127.9	1127.9	1122.5
57.5°	1044.4	1053.5	1046.2	1046.2	1038.9
60°	960.8	969.9	964.5	959.0	959.0
62.5°	877.3	884.5	882.7	873.6	868.2
65°	795.5	795.5	790.1	770.1	779.2
67.5°	702.9	701.1	693.8	673.9	686.6
70°	612.1	612.1	599.4	575.8	592.1
72.5°	514.0	519.5	503.1	486.8	503.1
75°	423.2	417.8	408.7	394.1	410.5
77.5°	336.0	326.9	316.0	308.8	317.9
80°	245.2	239.8	227.0	227.0	232.5
82.5°	167.1	161.7	152.6	154.4	147.1
85°	92.6	87.2	89.0	89.0	79.9
87.5°	38.1	38.1	38.1	34.5	30.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)