

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: P567921

Luminaire Tested: **8SNX-62SL-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567921
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-62SL-UNV-L950-CD
Description: 8FT 6200 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

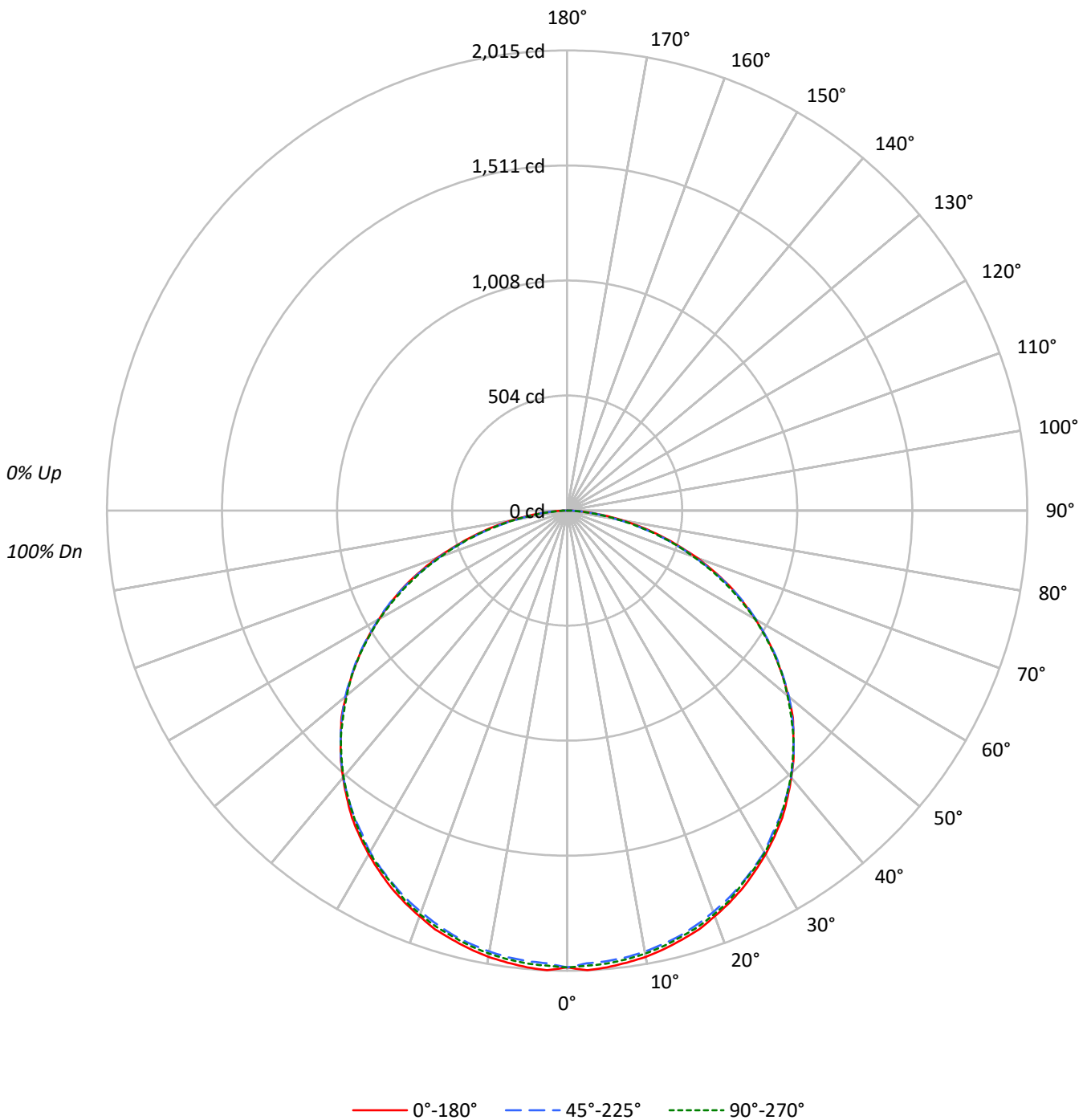
Lumens per Lamp: N/A
Luminaire Lumens: 5981.0 lumens
Efficiency: N/A
Efficacy: 153.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

Input Watts (W): 39
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°	10766	10766	10766
5°	10846	10700	10758
10°	10844	10716	10765
15°	10835	10725	10765
20°	10828	10715	10777
25°	10821	10715	10736
30°	10799	10732	10754
35°	10791	10708	10720
40°	10730	10717	10704
45°	10666	10679	10666
50°	10588	10618	10543
55°	10448	10482	10431
60°	10243	10282	10224
65°	10034	9965	9827
70°	9539	9341	9227
75°	8715	8415	8453
80°	7525	6970	7138
85°	5663	5440	4891



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	189.8	3.2
10°-20°	546.8	9.1
20°-30°	836.6	14.0
30°-40°	1022.9	17.1
40°-50°	1082.1	18.1
50°-60°	997.0	16.7
60°-70°	768.3	12.8
70°-80°	430.5	7.2
80°-90°	107.0	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°	1573.2	26.3
0°-40°	2596.1	43.4
0°-60°	4675.3	78.2
0°-90°	5981.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5981.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2000	2000	2000	2000	2000	
5°	2008	2000	1981	2000	1991	191
15°	1945	1941	1925	1941	1932	549
25°	1822	1819	1804	1819	1808	840
35°	1642	1639	1630	1635	1632	1026
45°	1401	1407	1403	1401	1401	1083
55°	1114	1122	1117	1117	1112	994
65°	788	788	782	763	772	775
75°	419	414	405	390	406	444
85°	92	86	88	88	79	113
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2000.3	2000.3	2000.3	2000.3	2000.3
2.5°	2014.7	2005.7	1984.2	2003.9	1994.9
5°	2007.5	2000.3	1980.6	2000.3	1991.3
7.5°	1996.7	1991.3	1973.4	1991.3	1982.4
10°	1984.2	1978.8	1960.8	1978.8	1969.8
12.5°	1966.2	1962.6	1944.6	1962.6	1953.6
15°	1944.6	1941.0	1924.8	1941.0	1932.0
17.5°	1923.0	1915.8	1899.6	1917.6	1910.4
20°	1890.6	1887.0	1870.8	1887.0	1881.6
22.5°	1858.2	1854.6	1840.2	1854.6	1851.0
25°	1822.3	1818.7	1804.3	1818.7	1807.9
27.5°	1780.9	1782.7	1766.5	1775.5	1770.1
30°	1737.7	1737.7	1726.9	1730.5	1730.5
32.5°	1690.9	1690.9	1674.7	1685.5	1683.7
35°	1642.4	1638.8	1629.8	1635.2	1631.6
37.5°	1584.8	1583.0	1577.6	1581.2	1577.6
40°	1527.2	1529.0	1525.4	1523.6	1523.6
42.5°	1467.9	1471.5	1466.1	1464.3	1462.5
45°	1401.3	1406.7	1403.1	1401.3	1401.3
47.5°	1340.2	1342.0	1336.6	1334.8	1329.4
50°	1264.6	1271.8	1268.2	1264.6	1259.2
52.5°	1189.1	1199.8	1192.6	1189.1	1189.1
55°	1113.5	1122.5	1117.1	1117.1	1111.7
57.5°	1034.3	1043.3	1036.1	1036.1	1029.0
60°	951.6	960.6	955.2	949.8	949.8
62.5°	868.9	876.0	874.2	865.3	859.9
65°	787.9	787.9	782.5	762.7	771.7
67.5°	696.2	694.4	687.2	667.4	680.0
70°	606.2	606.2	593.6	570.2	586.4
72.5°	509.1	514.5	498.3	482.1	498.3
75°	419.1	413.7	404.7	390.4	406.5
77.5°	332.8	323.8	313.0	305.8	314.8
80°	242.8	237.5	224.9	224.9	230.3
82.5°	165.5	160.1	151.1	152.9	145.7
85°	91.7	86.3	88.1	88.1	79.2
87.5°	37.8	37.8	37.8	34.2	30.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)