

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: P566659

Luminaire Tested: **4SNX-60SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566659
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-L935-CD
Description: 4FT 6000 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

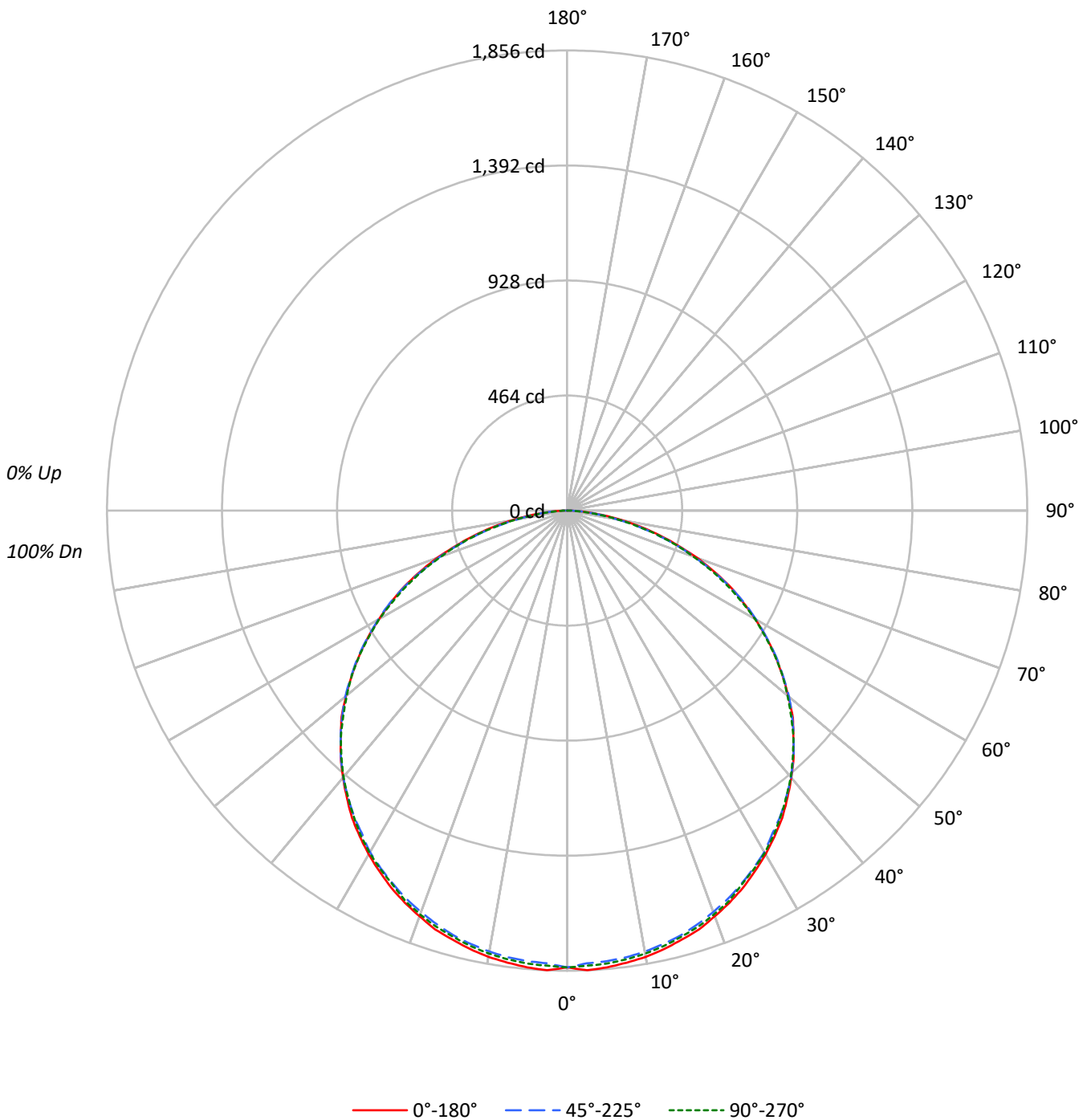
Lumens per Lamp: N/A
Luminaire Lumens: 5509.0 lumens
Efficiency: N/A
Efficacy: 131.2 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	19833	19833	19833
5°	19980	19712	19819
10°	19976	19740	19830
15°	19959	19757	19830
20°	19947	19739	19852
25°	19934	19738	19777
30°	19894	19770	19811
35°	19879	19726	19747
40°	19766	19743	19720
45°	19648	19674	19648
50°	19505	19561	19422
55°	19247	19309	19217
60°	18869	18940	18833
65°	18483	18358	18104
70°	17574	17209	17001
75°	16057	15504	15575
80°	13866	12837	13147
85°	10436	10028	9003



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.8	3.2
10°-20°	503.6	9.1
20°-30°	770.6	14.0
30°-40°	942.2	17.1
40°-50°	996.7	18.1
50°-60°	918.3	16.7
60°-70°	707.7	12.8
70°-80°	396.5	7.2
80°-90°	98.5	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°	1449.0	26.3
0°-40°	2391.3	43.4
0°-60°	4306.3	78.2
0°-90°	5509.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5509.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1842	1842	1842	1842	1842	
5°	1849	1842	1824	1842	1834	176
15°	1791	1788	1773	1788	1780	506
25°	1678	1675	1662	1675	1665	774
35°	1513	1509	1501	1506	1503	945
45°	1291	1296	1292	1291	1291	997
55°	1026	1034	1029	1029	1024	916
65°	726	726	721	702	711	714
75°	386	381	373	360	374	409
85°	84	80	81	81	73	104
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1842.5	1842.5	1842.5	1842.5	1842.5
2.5°	1855.7	1847.5	1827.6	1845.8	1837.5
5°	1849.1	1842.5	1824.3	1842.5	1834.2
7.5°	1839.2	1834.2	1817.6	1834.2	1825.9
10°	1827.6	1822.6	1806.0	1822.6	1814.3
12.5°	1811.0	1807.7	1791.1	1807.7	1799.4
15°	1791.1	1787.8	1772.9	1787.8	1779.5
17.5°	1771.2	1764.6	1749.7	1766.3	1759.6
20°	1741.4	1738.1	1723.2	1738.1	1733.1
22.5°	1711.6	1708.3	1695.0	1708.3	1705.0
25°	1678.4	1675.1	1661.9	1675.1	1665.2
27.5°	1640.3	1642.0	1627.1	1635.4	1630.4
30°	1600.6	1600.6	1590.6	1593.9	1593.9
32.5°	1557.5	1557.5	1542.6	1552.5	1550.9
35°	1512.8	1509.4	1501.2	1506.1	1502.8
37.5°	1459.7	1458.1	1453.1	1456.4	1453.1
40°	1406.7	1408.4	1405.1	1403.4	1403.4
42.5°	1352.0	1355.4	1350.4	1348.7	1347.1
45°	1290.7	1295.7	1292.4	1290.7	1290.7
47.5°	1234.4	1236.1	1231.1	1229.4	1224.5
50°	1164.8	1171.4	1168.1	1164.8	1159.8
52.5°	1095.2	1105.2	1098.5	1095.2	1095.2
55°	1025.6	1033.9	1028.9	1028.9	1024.0
57.5°	952.7	961.0	954.4	954.4	947.8
60°	876.5	884.8	879.8	874.8	874.8
62.5°	800.3	806.9	805.3	797.0	792.0
65°	725.7	725.7	720.8	702.5	710.8
67.5°	641.2	639.6	632.9	614.7	626.3
70°	558.4	558.4	546.8	525.2	540.2
72.5°	468.9	473.9	459.0	444.1	459.0
75°	386.1	381.1	372.8	359.5	374.5
77.5°	306.5	298.2	288.3	281.7	290.0
80°	223.7	218.7	207.1	207.1	212.1
82.5°	152.4	147.5	139.2	140.8	134.2
85°	84.5	79.5	81.2	81.2	72.9
87.5°	34.8	34.8	34.8	31.5	28.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)