

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: P567138

Luminaire Tested: **4SNX-SL3-UNV-CC83-CD-3500K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567138
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-SL3-UNV-CC83-CD-3500K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 3500K, 80CRI, MED LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

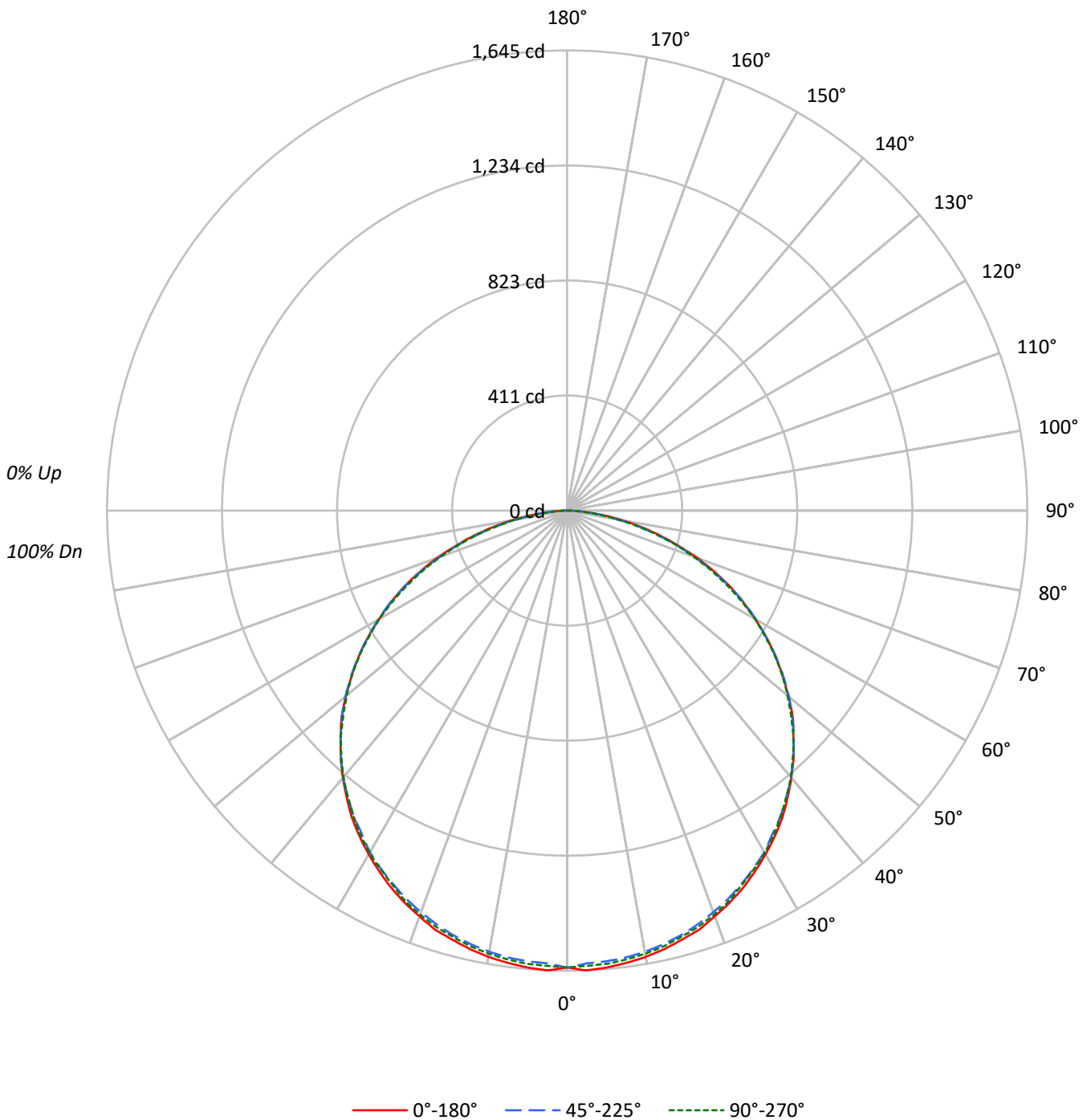
Lumens per Lamp: N/A
Luminaire Lumens: 4884.0 lumens
Efficiency: N/A
Efficacy: 146.0 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 33.462
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°	17583	17583	17583
5°	17713	17475	17570
10°	17709	17500	17581
15°	17695	17516	17580
20°	17684	17499	17600
25°	17672	17498	17534
30°	17637	17528	17564
35°	17622	17488	17507
40°	17523	17504	17483
45°	17419	17442	17419
50°	17293	17342	17220
55°	17064	17119	17036
60°	16729	16792	16697
65°	16387	16275	16051
70°	15578	15254	15072
75°	14236	13745	13807
80°	12292	11381	11654
85°	9250	8892	7978



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.0	3.2
10°-20°	446.5	9.1
20°-30°	683.2	14.0
30°-40°	835.3	17.1
40°-50°	883.6	18.1
50°-60°	814.2	16.7
60°-70°	627.4	12.8
70°-80°	351.5	7.2
80°-90°	87.4	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°	1284.7	26.3
0°-40°	2120.0	43.4
0°-60°	3817.8	78.2
0°-90°	4884.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4884.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1634	1634	1634	1634	1634	
5°	1639	1634	1617	1634	1626	156
15°	1588	1585	1572	1585	1578	449
25°	1488	1485	1473	1485	1476	686
35°	1341	1338	1331	1335	1332	838
45°	1144	1149	1146	1144	1144	884
55°	909	917	912	912	908	812
65°	643	643	639	623	630	633
75°	342	338	330	319	332	363
85°	75	70	72	72	65	92
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1633.5	1633.5	1633.5	1633.5	1633.5
2.5°	1645.2	1637.9	1620.2	1636.4	1629.0
5°	1639.3	1633.5	1617.3	1633.5	1626.1
7.5°	1630.5	1626.1	1611.4	1626.1	1618.8
10°	1620.2	1615.8	1601.1	1615.8	1608.5
12.5°	1605.5	1602.6	1587.9	1602.6	1595.3
15°	1587.9	1585.0	1571.8	1585.0	1577.6
17.5°	1570.3	1564.4	1551.2	1565.9	1560.0
20°	1543.8	1540.9	1527.7	1540.9	1536.5
22.5°	1517.4	1514.5	1502.7	1514.5	1511.5
25°	1488.0	1485.1	1473.3	1485.1	1476.3
27.5°	1454.2	1455.7	1442.5	1449.8	1445.4
30°	1419.0	1419.0	1410.2	1413.1	1413.1
32.5°	1380.8	1380.8	1367.6	1376.4	1374.9
35°	1341.1	1338.2	1330.9	1335.3	1332.3
37.5°	1294.1	1292.7	1288.3	1291.2	1288.3
40°	1247.1	1248.6	1245.7	1244.2	1244.2
42.5°	1198.6	1201.6	1197.2	1195.7	1194.2
45°	1144.3	1148.7	1145.8	1144.3	1144.3
47.5°	1094.4	1095.8	1091.4	1089.9	1085.5
50°	1032.7	1038.5	1035.6	1032.7	1028.3
52.5°	971.0	979.8	973.9	971.0	971.0
55°	909.3	916.6	912.2	912.2	907.8
57.5°	844.6	852.0	846.1	846.1	840.2
60°	777.1	784.4	780.0	775.6	775.6
62.5°	709.5	715.4	713.9	706.6	702.1
65°	643.4	643.4	639.0	622.8	630.2
67.5°	568.5	567.0	561.1	545.0	555.3
70°	495.0	495.0	484.7	465.7	478.9
72.5°	415.7	420.1	406.9	393.7	406.9
75°	342.3	337.9	330.5	318.8	332.0
77.5°	271.8	264.4	255.6	249.7	257.1
80°	198.3	193.9	183.6	183.6	188.0
82.5°	135.1	130.7	123.4	124.9	119.0
85°	74.9	70.5	72.0	72.0	64.6
87.5°	30.8	30.8	30.8	27.9	25.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)