

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: P567150

Luminaire Tested: **4SNX-SL3-UNV-CC93-CD-4000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567150
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-CC93-CD-4000K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 4000K, 90CRI, MED LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

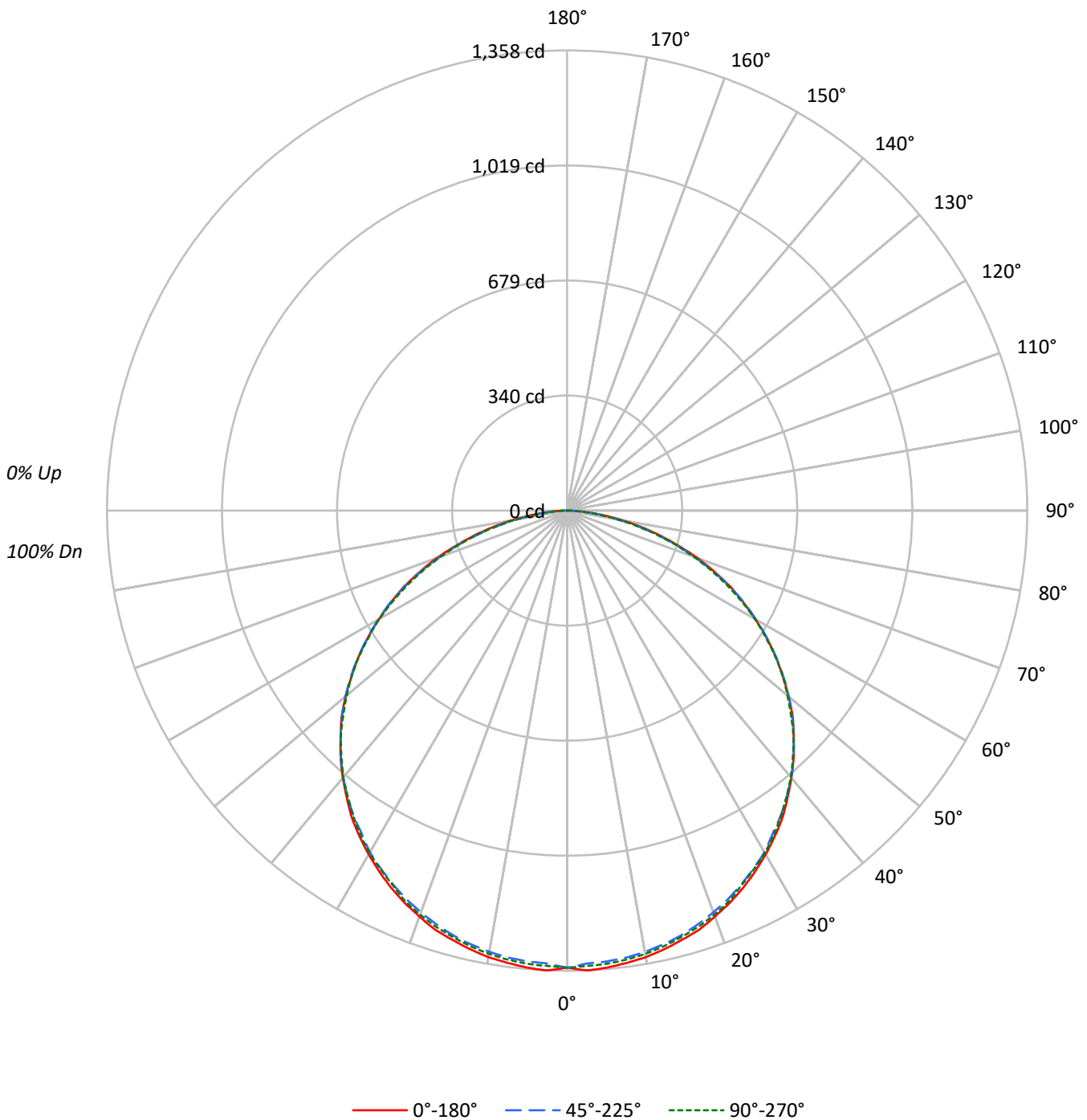
Lumens per Lamp: N/A
Luminaire Lumens: 4033.0 lumens
Efficiency: N/A
Efficacy: 125.0 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 32.274
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°	14518	14518	14518
5°	14627	14430	14509
10°	14623	14451	14517
15°	14612	14463	14517
20°	14602	14450	14534
25°	14593	14449	14478
30°	14563	14474	14504
35°	14553	14441	14457
40°	14470	14453	14436
45°	14384	14402	14384
50°	14279	14321	14219
55°	14090	14137	14067
60°	13814	13866	13789
65°	13532	13438	13254
70°	12866	12598	12444
75°	11753	11350	11399
80°	10153	9397	9627
85°	7645	7336	6595



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.0	3.2
10°-20°	368.7	9.1
20°-30°	564.1	14.0
30°-40°	689.8	17.1
40°-50°	729.7	18.1
50°-60°	672.3	16.7
60°-70°	518.1	12.8
70°-80°	290.3	7.2
80°-90°	72.1	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°	1060.8	26.3
0°-40°	1750.6	43.4
0°-60°	3152.5	78.2
0°-90°	4033.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4033.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1349	1349	1349	1349	1349	
5°	1354	1349	1336	1349	1343	129
15°	1311	1309	1298	1309	1303	370
25°	1229	1226	1217	1226	1219	566
35°	1108	1105	1099	1103	1100	692
45°	945	949	946	945	945	730
55°	751	757	753	753	750	670
65°	531	531	528	514	520	523
75°	283	279	273	263	274	300
85°	62	58	59	59	53	76
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1348.8	1348.8	1348.8	1348.8	1348.8
2.5°	1358.5	1352.5	1337.9	1351.3	1345.2
5°	1353.7	1348.8	1335.5	1348.8	1342.8
7.5°	1346.4	1342.8	1330.6	1342.8	1336.7
10°	1337.9	1334.3	1322.1	1334.3	1328.2
12.5°	1325.8	1323.4	1311.2	1323.4	1317.3
15°	1311.2	1308.8	1297.9	1308.8	1302.7
17.5°	1296.7	1291.8	1280.9	1293.0	1288.2
20°	1274.8	1272.4	1261.5	1272.4	1268.8
22.5°	1253.0	1250.6	1240.9	1250.6	1248.2
25°	1228.7	1226.3	1216.6	1226.3	1219.0
27.5°	1200.9	1202.1	1191.1	1197.2	1193.6
30°	1171.7	1171.7	1164.5	1166.9	1166.9
32.5°	1140.2	1140.2	1129.3	1136.6	1135.3
35°	1107.5	1105.0	1099.0	1102.6	1100.2
37.5°	1068.6	1067.4	1063.8	1066.2	1063.8
40°	1029.8	1031.0	1028.6	1027.4	1027.4
42.5°	989.8	992.2	988.6	987.4	986.2
45°	944.9	948.6	946.1	944.9	944.9
47.5°	903.7	904.9	901.2	900.0	896.4
50°	852.7	857.6	855.2	852.7	849.1
52.5°	801.8	809.1	804.2	801.8	801.8
55°	750.8	756.9	753.3	753.3	749.6
57.5°	697.5	703.5	698.7	698.7	693.8
60°	641.7	647.7	644.1	640.5	640.5
62.5°	585.9	590.7	589.5	583.4	579.8
65°	531.3	531.3	527.6	514.3	520.4
67.5°	469.4	468.2	463.4	450.0	458.5
70°	408.8	408.8	400.3	384.5	395.4
72.5°	343.3	346.9	336.0	325.1	336.0
75°	282.6	279.0	272.9	263.2	274.1
77.5°	224.4	218.3	211.1	206.2	212.3
80°	163.8	160.1	151.6	151.6	155.3
82.5°	111.6	108.0	101.9	103.1	98.3
85°	61.9	58.2	59.4	59.4	53.4
87.5°	25.5	25.5	25.5	23.0	20.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)