

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: P567144

Luminaire Tested: **4SNX-SL3-UNV-CC83-CD-5000K-MED**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567144
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-5000K-MED
Description: 4FT 6000 LUMEN, CCT AND LUMEN SELECTABLE SNX FIXTURE WITH, 5000K, 80CRI, MED LUMEN SETTING, AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

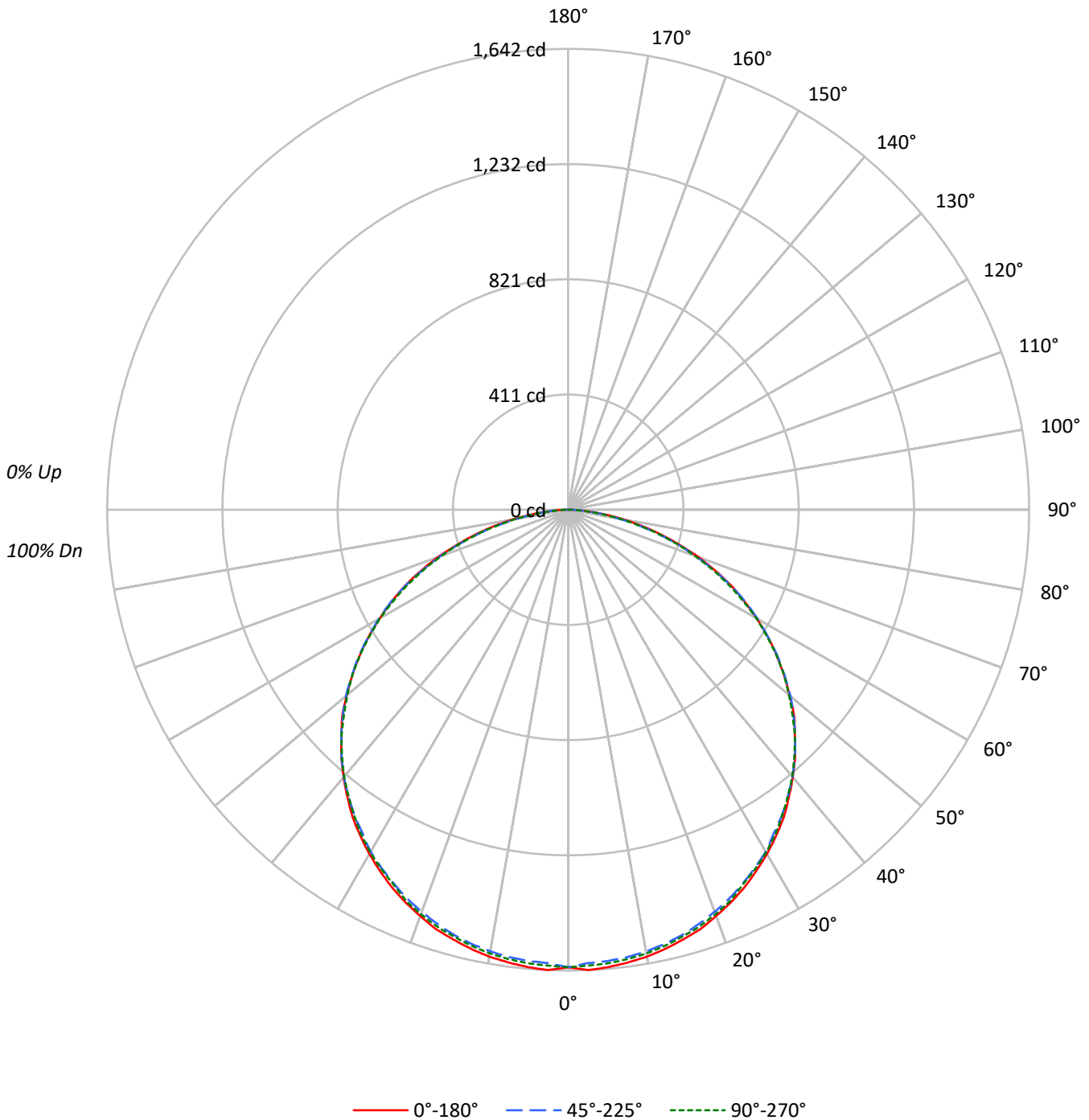
Lumens per Lamp: N/A
Luminaire Lumens: 4874.0 lumens
Efficiency: N/A
Efficacy: 144.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 33.726
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°	17546	17546	17546
5°	17677	17439	17534
10°	17673	17465	17545
15°	17659	17479	17545
20°	17648	17464	17565
25°	17637	17462	17498
30°	17601	17491	17528
35°	17587	17452	17471
40°	17488	17467	17446
45°	17384	17405	17384
50°	17256	17307	17183
55°	17029	17083	17000
60°	16695	16757	16663
65°	16354	16242	16018
70°	15547	15226	15040
75°	14207	13716	13778
80°	12267	11356	11629
85°	9238	8867	7966



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	154.6	3.2
10°-20°	445.6	9.1
20°-30°	681.8	14.0
30°-40°	833.6	17.1
40°-50°	881.8	18.1
50°-60°	812.5	16.7
60°-70°	626.1	12.8
70°-80°	350.8	7.2
80°-90°	87.2	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°	1282.0	26.3
0°-40°	2115.6	43.4
0°-60°	3809.9	78.2
0°-90°	4874.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4874.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1630	1630	1630	1630	1630	
5°	1636	1630	1614	1630	1623	156
15°	1585	1582	1568	1582	1574	448
25°	1485	1482	1470	1482	1473	684
35°	1338	1336	1328	1332	1330	836
45°	1142	1146	1143	1142	1142	882
55°	907	915	910	910	906	810
65°	642	642	638	622	629	632
75°	342	337	330	318	331	362
85°	75	70	72	72	64	92
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1630.1	1630.1	1630.1	1630.1	1630.1
2.5°	1641.8	1634.5	1616.9	1633.0	1625.7
5°	1636.0	1630.1	1614.0	1630.1	1622.8
7.5°	1627.2	1622.8	1608.1	1622.8	1615.4
10°	1616.9	1612.5	1597.9	1612.5	1605.2
12.5°	1602.3	1599.3	1584.7	1599.3	1592.0
15°	1584.7	1581.7	1568.5	1581.7	1574.4
17.5°	1567.1	1561.2	1548.0	1562.7	1556.8
20°	1540.7	1537.8	1524.6	1537.8	1533.4
22.5°	1514.3	1511.4	1499.6	1511.4	1508.4
25°	1485.0	1482.0	1470.3	1482.0	1473.3
27.5°	1451.3	1452.7	1439.5	1446.9	1442.5
30°	1416.1	1416.1	1407.3	1410.2	1410.2
32.5°	1378.0	1378.0	1364.8	1373.6	1372.1
35°	1338.4	1335.5	1328.1	1332.5	1329.6
37.5°	1291.5	1290.0	1285.6	1288.5	1285.6
40°	1244.6	1246.0	1243.1	1241.6	1241.6
42.5°	1196.2	1199.1	1194.7	1193.3	1191.8
45°	1142.0	1146.4	1143.4	1142.0	1142.0
47.5°	1092.1	1093.6	1089.2	1087.7	1083.3
50°	1030.5	1036.4	1033.5	1030.5	1026.1
52.5°	969.0	977.8	971.9	969.0	969.0
55°	907.4	914.7	910.3	910.3	905.9
57.5°	842.9	850.2	844.4	844.4	838.5
60°	775.5	782.8	778.4	774.0	774.0
62.5°	708.0	713.9	712.4	705.1	700.7
65°	642.1	642.1	637.7	621.6	628.9
67.5°	567.3	565.8	560.0	543.9	554.1
70°	494.0	494.0	483.8	464.7	477.9
72.5°	414.9	419.3	406.1	392.9	406.1
75°	341.6	337.2	329.8	318.1	331.3
77.5°	271.2	263.9	255.1	249.2	256.5
80°	197.9	193.5	183.2	183.2	187.6
82.5°	134.9	130.5	123.1	124.6	118.7
85°	74.8	70.4	71.8	71.8	64.5
87.5°	30.8	30.8	30.8	27.9	24.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)