

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: METALUX

Report Number: P798305

Luminaire Tested: 22SRC-SCT3-UNV-MID-5000K

Issue Date: 3/16/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P798305  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2311-232-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/16/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: METALUX  
Catalog Number: 22SRC-SCT3-UNV-MID-5000K  
Description: SkyRidge LED Selectable  
Light Source: 5000K CCT, 80 CRI LEDS  
Ballast/Driver: -

**Summary**

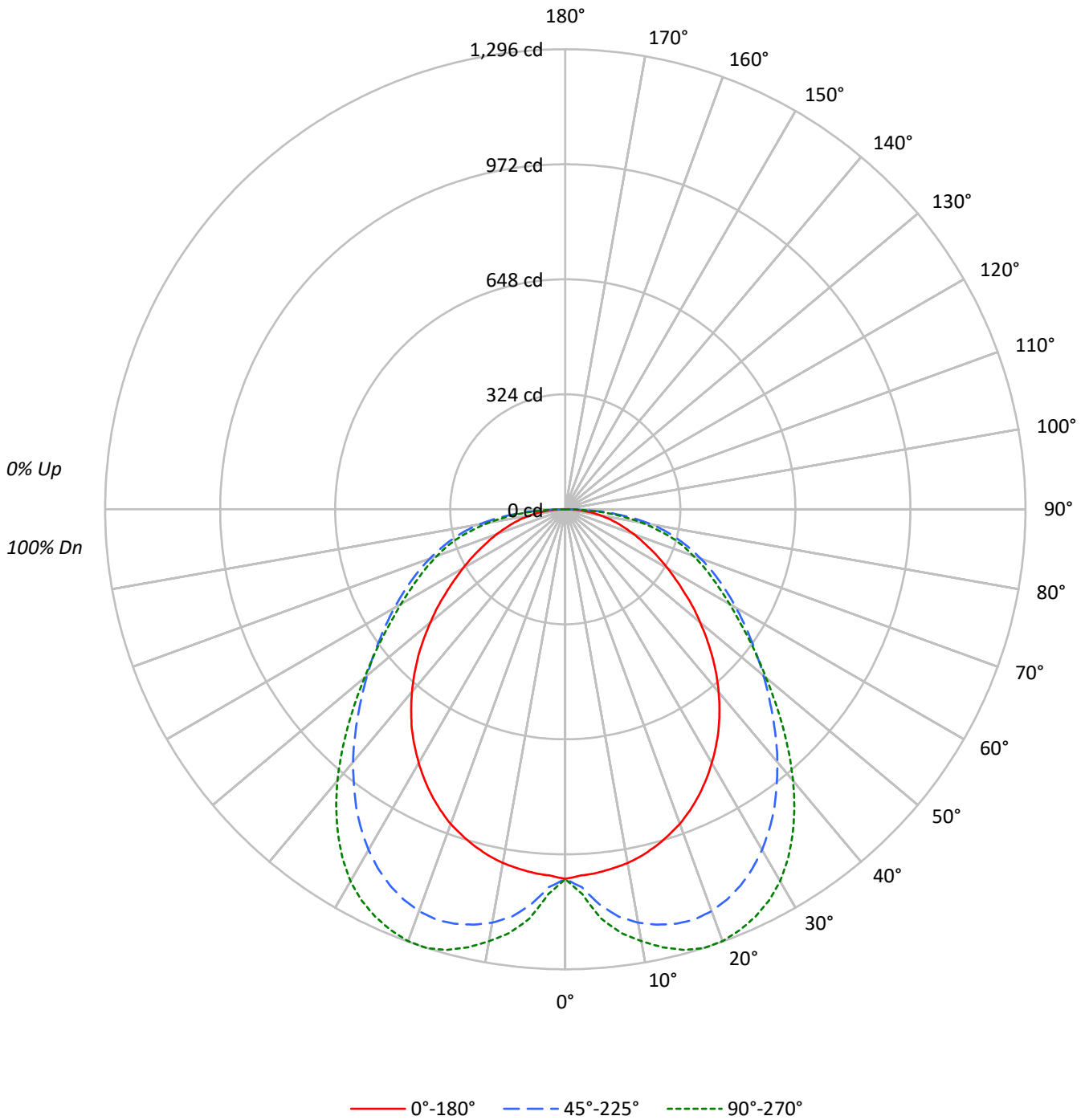
Lumens per Lamp: N/A  
Luminaire Lumens: 3562.0 lumens  
Efficiency: N/A  
Efficacy: 128.1 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.55 / 1.49  
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')  
CIE Type: Direct

Input Watts (W): 27.8  
Input Voltage (V): 120  
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: 24 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				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	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	108	103	98	94	105	101	96	93	96	93	90	92	89	87	89	86	84	82				82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	74	70	68				68
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	63	59	57				57
4	82	69	60	53	79	68	60	53	65	58	52	63	57	52	61	55	51	49				49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42				42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	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	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	29				29
9	56	42	34	28	55	42	34	28	41	33	28	40	33	28	38	32	28	26				26
10	52	39	31	26	51	39	31	26	38	30	26	37	30	25	36	30	25	24				24

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	2802	2802	2802
5°	2778	3021	3127
10°	2765	3231	3376
15°	2738	3368	3580
20°	2702	3450	3707
25°	2641	3470	3760
30°	2564	3443	3759
35°	2475	3372	3667
40°	2361	3266	3507
45°	2229	3144	3297
50°	2075	3050	3090
55°	1920	2992	2944
60°	1792	2991	2875
65°	1679	3053	2900
70°	1617	3193	3018
75°	1585	3445	3240
80°	1579	3834	3409
85°	1587	4150	3569

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 85°  
 Luminance: 4150 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	107.1	3.0
10°-20°	333.4	9.4
20°-30°	522.1	14.7
30°-40°	618.8	17.4
40°-50°	606.8	17.0
50°-60°	527.1	14.8
60°-70°	425.3	11.9
70°-80°	303.5	8.5
80°-90°	117.9	3.3
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°	962.6	27.0
0°-40°	1581.4	44.4
0°-60°	2715.3	76.2
0°-90°	3562.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3562.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1041	1041	1041	1041	1041	
5°	1028	1069	1118	1145	1158	98
15°	983	1120	1209	1263	1285	277
25°	890	1055	1169	1239	1266	409
35°	753	913	1026	1093	1116	470
45°	586	729	826	863	866	451
55°	409	556	638	636	628	368
65°	264	413	480	461	456	263
75°	152	279	331	316	312	161
85°	51	114	134	119	116	55
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1041.1	1041.1	1041.1	1041.1	1041.1
2.5°	1032.5	1052.2	1065.9	1073.6	1084.8
5°	1028.3	1069.4	1118.2	1144.7	1157.5
7.5°	1020.5	1091.6	1157.5	1187.5	1203.8
10°	1012.0	1113.0	1182.4	1217.5	1235.4
12.5°	999.1	1122.4	1198.6	1243.2	1263.7
15°	982.9	1119.9	1208.9	1262.8	1285.1
17.5°	964.0	1113.0	1211.5	1269.7	1296.2
20°	943.5	1099.3	1204.6	1268.0	1294.5
22.5°	917.8	1079.6	1190.1	1256.9	1283.4
25°	889.6	1054.8	1168.7	1238.9	1266.3
27.5°	858.7	1025.7	1141.3	1214.0	1242.3
30°	825.3	992.3	1107.9	1180.7	1209.8
32.5°	790.2	953.8	1069.4	1140.4	1167.0
35°	753.4	912.7	1026.5	1093.3	1116.4
37.5°	713.2	868.2	977.7	1040.2	1059.9
40°	672.1	822.8	929.8	982.9	998.3
42.5°	629.3	775.7	878.4	922.9	932.4
45°	585.6	728.6	826.2	863.0	866.4
47.5°	540.2	682.4	776.5	802.2	800.5
50°	495.7	637.8	728.6	744.0	738.0
52.5°	453.8	595.9	682.4	688.4	680.7
55°	409.2	556.5	637.8	636.1	627.6
57.5°	369.9	518.0	595.9	587.3	577.9
60°	333.0	482.0	555.7	542.0	534.2
62.5°	297.9	446.9	517.1	500.0	493.2
65°	263.7	412.7	479.5	460.6	455.5
67.5°	233.7	380.1	442.6	423.8	420.4
70°	205.5	346.7	405.8	387.8	383.6
72.5°	177.2	313.4	369.0	352.7	351.0
75°	152.4	279.1	331.3	315.9	311.6
77.5°	127.6	244.0	292.8	270.5	265.4
80°	101.9	206.3	247.4	224.3	220.0
82.5°	77.9	162.7	193.5	172.9	169.5
85°	51.4	113.9	134.4	119.0	115.6
87.5°	23.1	54.8	63.4	54.8	52.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)