

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: P798304

Luminaire Tested: 22SRC-SCT3-UNV-MID-4000K

Issue Date: 3/16/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P798304  
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-4000K  
Description: SkyRidge LED Selectable  
Light Source: 4000K CCT, 80 CRI LEDS  
Ballast/Driver: -

**Summary**

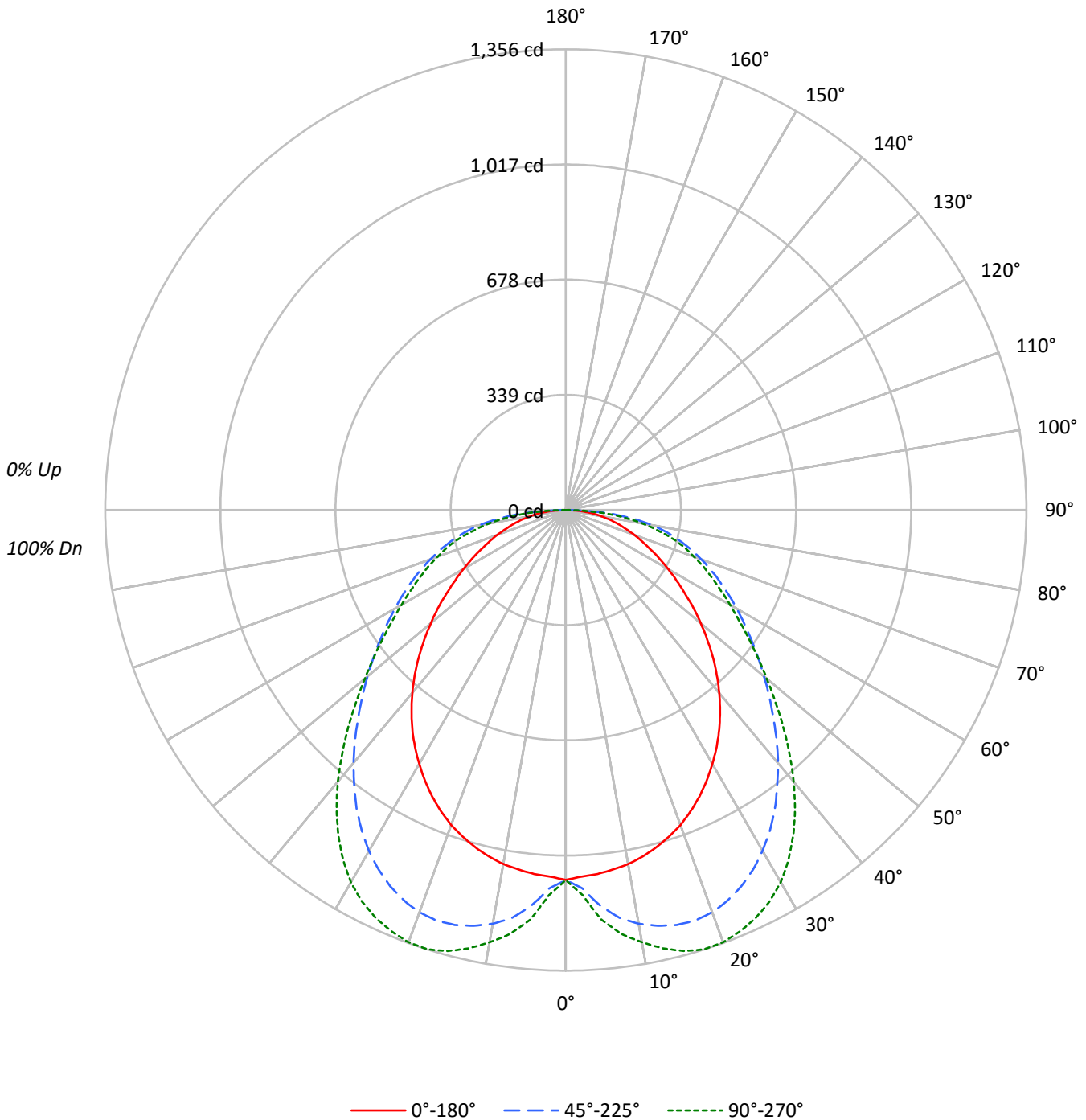
Lumens per Lamp: N/A  
Luminaire Lumens: 3725.0 lumens  
Efficiency: N/A  
Efficacy: 142.2 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.55 / 1.49  
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')  
CIE Type: Direct

Input Watts (W): 26.2  
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				
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	102	102	102	100
1	108	103	98	94	105	101	96	93	96	93	90	92	89	87	89	86	84	84	84	84	82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	74	70	70	70	70	68
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	63	59	59	59	59	57
4	82	69	60	53	79	68	60	53	65	58	52	63	57	52	61	55	51	51	51	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	44	44	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	50	44	39	39	39	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	35	35	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	31	31	31	29
9	56	42	34	28	55	42	34	28	41	33	28	40	33	28	38	32	28	28	28	28	26
10	52	39	31	26	51	39	31	26	38	30	26	37	30	25	36	30	25	25	25	25	24

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

	0°	45°	90°
0°	2930	2930	2930
5°	2905	3159	3270
10°	2892	3379	3530
15°	2864	3522	3744
20°	2826	3607	3877
25°	2762	3629	3932
30°	2682	3600	3931
35°	2588	3527	3835
40°	2469	3416	3667
45°	2331	3288	3448
50°	2170	3190	3231
55°	2008	3129	3079
60°	1875	3127	3007
65°	1756	3193	3033
70°	1691	3339	3156
75°	1657	3603	3388
80°	1650	4011	3566
85°	1658	4341	3733

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°

Vertical Angle: 85°

Luminance: 4341 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	112.0	3.0
10°-20°	348.7	9.4
20°-30°	546.0	14.7
30°-40°	647.1	17.4
40°-50°	634.5	17.0
50°-60°	551.3	14.8
60°-70°	444.7	11.9
70°-80°	317.4	8.5
80°-90°	123.4	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°	1006.7	27.0
0°-40°	1653.8	44.4
0°-60°	2839.6	76.2
0°-90°	3725.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3725.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1089	1089	1089	1089	1089	
5°	1075	1118	1169	1197	1210	102
15°	1028	1171	1264	1321	1344	290
25°	930	1103	1222	1296	1324	428
35°	788	954	1074	1143	1168	492
45°	612	762	864	902	906	472
55°	428	582	667	665	656	385
65°	276	432	501	482	476	275
75°	159	292	346	330	326	169
85°	54	119	141	124	121	58
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1088.7	1088.7	1088.7	1088.7	1088.7
2.5°	1079.8	1100.4	1114.7	1122.8	1134.4
5°	1075.3	1118.3	1169.3	1197.1	1210.5
7.5°	1067.3	1141.6	1210.5	1241.8	1258.9
10°	1058.3	1163.9	1236.5	1273.2	1292.0
12.5°	1044.9	1173.8	1253.5	1300.0	1321.5
15°	1027.9	1171.1	1264.2	1320.6	1343.9
17.5°	1008.2	1163.9	1266.9	1327.8	1355.6
20°	986.7	1149.6	1259.7	1326.0	1353.8
22.5°	959.8	1129.0	1244.5	1314.4	1342.1
25°	930.3	1103.1	1222.1	1295.6	1324.2
27.5°	898.0	1072.6	1193.5	1269.6	1299.1
30°	863.1	1037.7	1158.6	1234.7	1265.1
32.5°	826.4	997.4	1118.3	1192.6	1220.4
35°	787.9	954.4	1073.5	1143.4	1167.5
37.5°	745.8	907.9	1022.5	1087.8	1108.4
40°	702.8	860.4	972.3	1027.9	1044.0
42.5°	658.1	811.2	918.6	965.2	975.0
45°	612.4	761.9	864.0	902.5	906.1
47.5°	565.0	713.6	812.1	838.9	837.1
50°	518.4	667.0	761.9	778.1	771.8
52.5°	474.5	623.2	713.6	719.9	711.8
55°	428.0	582.0	667.0	665.2	656.3
57.5°	386.8	541.7	623.2	614.2	604.4
60°	348.3	504.1	581.1	566.8	558.7
62.5°	311.6	467.4	540.8	522.9	515.7
65°	275.8	431.6	501.4	481.7	476.3
67.5°	244.4	397.5	462.9	443.2	439.6
70°	214.9	362.6	424.4	405.6	401.1
72.5°	185.3	327.7	385.9	368.9	367.1
75°	159.4	291.9	346.5	330.4	325.9
77.5°	133.4	255.2	306.2	282.9	277.6
80°	106.5	215.8	258.8	234.6	230.1
82.5°	81.5	170.1	202.3	180.9	177.3
85°	53.7	119.1	140.6	124.5	120.9
87.5°	24.2	57.3	66.3	57.3	54.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)