

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: P798300

Luminaire Tested: 22SRC-SCT3-UNV-LOW-3000K

Issue Date: 3/16/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P798300  
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-LOW-3000K  
Description: SkyRidge LED Selectable  
Light Source: 3000K CCT, 80 CRI LEDS  
Ballast/Driver: -

**Summary**

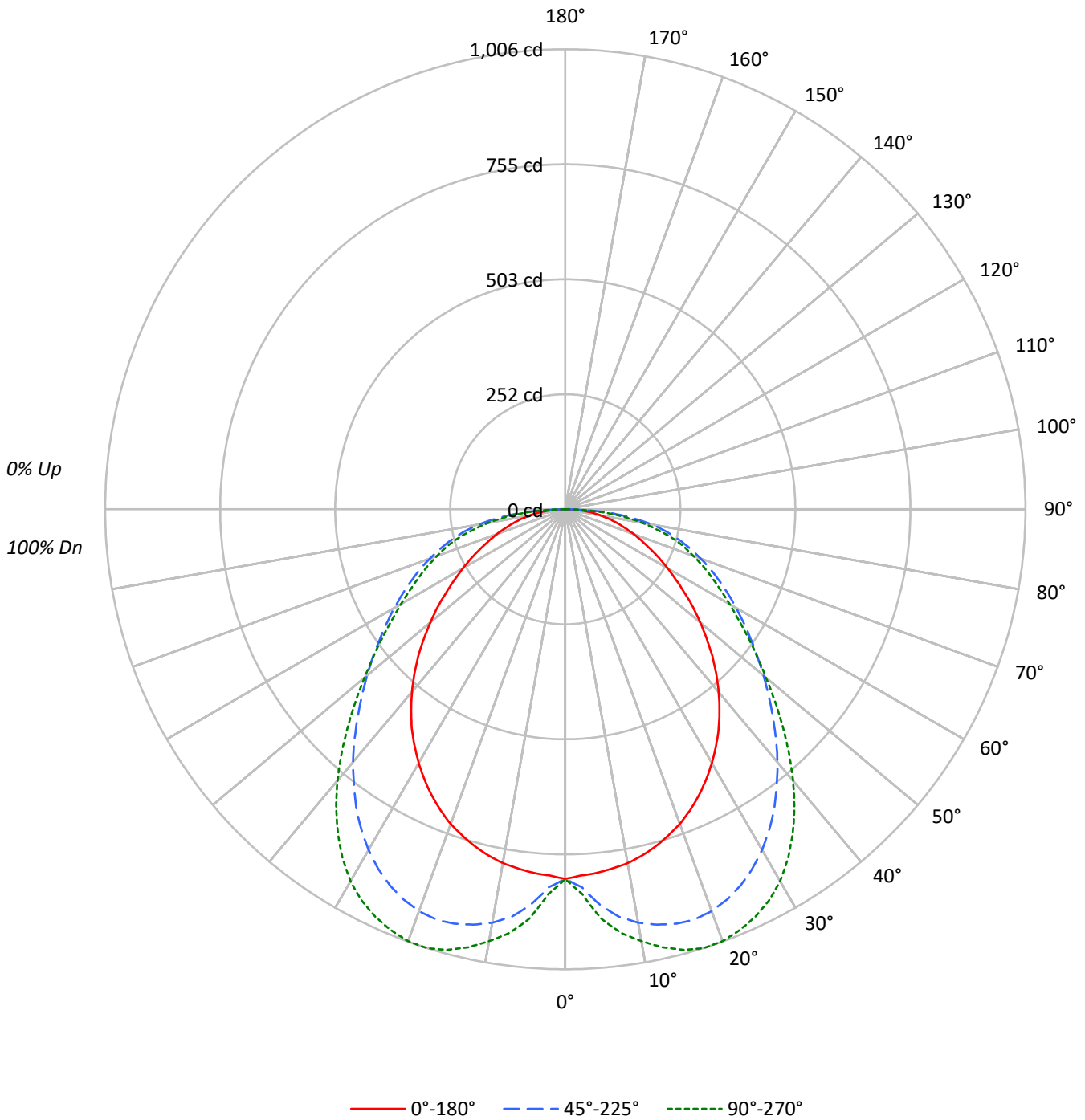
Lumens per Lamp: N/A  
Luminaire Lumens: 2765.0 lumens  
Efficiency: N/A  
Efficacy: 127.4 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.55 / 1.49  
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')  
CIE Type: Direct

Input Watts (W): 21.7  
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	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°	2175	2175	2175
5°	2156	2345	2427
10°	2147	2508	2620
15°	2126	2614	2779
20°	2097	2678	2878
25°	2050	2694	2918
30°	1991	2672	2918
35°	1921	2618	2847
40°	1833	2536	2722
45°	1730	2441	2560
50°	1611	2368	2398
55°	1491	2323	2286
60°	1391	2321	2232
65°	1303	2370	2252
70°	1255	2478	2342
75°	1230	2674	2515
80°	1226	2977	2647
85°	1232	3220	2770

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°  
 Vertical Angle: 85°  
 Luminance: 3220 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	83.1	3.0
10°-20°	258.8	9.4
20°-30°	405.3	14.7
30°-40°	480.3	17.4
40°-50°	471.0	17.0
50°-60°	409.2	14.8
60°-70°	330.1	11.9
70°-80°	235.6	8.5
80°-90°	91.6	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°	747.2	27.0
0°-40°	1227.6	44.4
0°-60°	2107.8	76.2
0°-90°	2765.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2765.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	808	808	808	808	808	
5°	798	830	868	889	898	76
15°	763	869	938	980	998	215
25°	690	819	907	962	983	318
35°	585	708	797	849	867	365
45°	455	566	641	670	673	350
55°	318	432	495	494	487	286
65°	205	320	372	358	354	204
75°	118	217	257	245	242	125
85°	40	88	104	92	90	43
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	808.2	808.2	808.2	808.2	808.2
2.5°	801.5	816.8	827.4	833.4	842.0
5°	798.2	830.1	868.0	888.6	898.5
7.5°	792.2	847.4	898.5	921.8	934.4
10°	785.6	864.0	917.8	945.1	959.0
12.5°	775.6	871.3	930.4	965.0	980.9
15°	763.0	869.3	938.4	980.3	997.6
17.5°	748.3	864.0	940.4	985.6	1006.2
20°	732.4	853.3	935.1	984.3	1004.9
22.5°	712.4	838.1	923.8	975.6	996.2
25°	690.5	818.8	907.2	961.7	982.9
27.5°	666.6	796.2	885.9	942.4	964.3
30°	640.7	770.3	860.0	916.5	939.1
32.5°	613.4	740.4	830.1	885.2	905.8
35°	584.8	708.5	796.9	848.7	866.6
37.5°	553.6	673.9	759.0	807.5	822.8
40°	521.7	638.7	721.8	763.0	774.9
42.5°	488.5	602.1	681.9	716.4	723.7
45°	454.6	565.6	641.3	669.9	672.6
47.5°	419.4	529.7	602.8	622.7	621.4
50°	384.8	495.1	565.6	577.5	572.9
52.5°	352.2	462.6	529.7	534.3	528.4
55°	317.7	432.0	495.1	493.8	487.2
57.5°	287.1	402.1	462.6	455.9	448.6
60°	258.5	374.2	431.3	420.7	414.7
62.5°	231.3	346.9	401.4	388.1	382.8
65°	204.7	320.3	372.2	357.6	353.6
67.5°	181.4	295.1	343.6	329.0	326.3
70°	159.5	269.2	315.0	301.1	297.7
72.5°	137.6	243.2	286.4	273.8	272.5
75°	118.3	216.7	257.2	245.2	241.9
77.5°	99.0	189.4	227.3	210.0	206.0
80°	79.1	160.2	192.1	174.1	170.8
82.5°	60.5	126.3	150.2	134.2	131.6
85°	39.9	88.4	104.3	92.4	89.7
87.5°	17.9	42.5	49.2	42.5	40.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)