

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: P798299

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

Issue Date: 3/16/2024

**Test Information**

Test Method: LM-79-2019  
Report Number: P798299  
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-HIGH-5000K  
Description: SkyRidge LED Selectable  
Light Source: 5000K CCT, 80 CRI LEDS  
Ballast/Driver: -

**Summary**

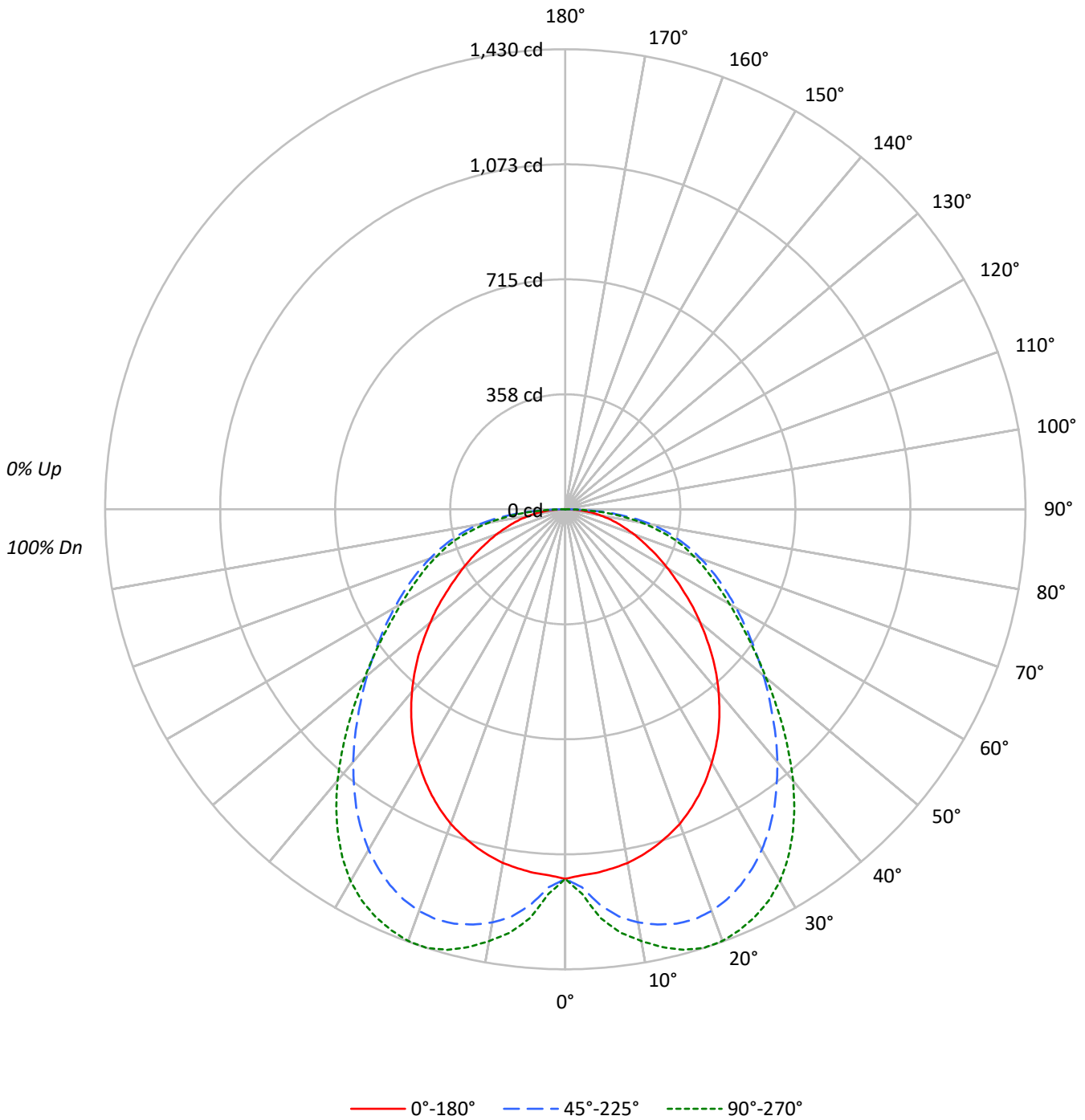
Lumens per Lamp: N/A  
Luminaire Lumens: 3929.0 lumens  
Efficiency: N/A  
Efficacy: 122.8 lumens/watt  
Spacing Criteria (0/90/45): 1.18 / 1.55 / 1.49  
Luminous Opening: Rectangular (W 2' x L: 2' x H: 0')  
CIE Type: Direct

Input Watts (W): 32  
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°	3090	3090	3090
5°	3064	3332	3449
10°	3050	3564	3724
15°	3020	3715	3949
20°	2980	3805	4089
25°	2913	3828	4147
30°	2829	3797	4146
35°	2730	3720	4046
40°	2604	3603	3868
45°	2458	3468	3637
50°	2289	3365	3408
55°	2118	3301	3248
60°	1977	3299	3172
65°	1852	3368	3199
70°	1784	3522	3329
75°	1748	3800	3575
80°	1742	4229	3761
85°	1751	4579	3937

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 45°

Vertical Angle: 85°

Luminance: 4579 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	118.1	3.0
10°-20°	367.8	9.4
20°-30°	575.9	14.7
30°-40°	682.5	17.4
40°-50°	669.3	17.0
50°-60°	581.4	14.8
60°-70°	469.1	11.9
70°-80°	334.7	8.5
80°-90°	130.1	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°	1061.8	27.0
0°-40°	1744.3	44.4
0°-60°	2995.1	76.2
0°-90°	3929.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3929.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1148	1148	1148	1148	1148	
5°	1134	1180	1233	1263	1277	108
15°	1084	1235	1334	1393	1418	306
25°	981	1164	1289	1366	1397	451
35°	831	1007	1132	1206	1232	519
45°	646	804	911	952	956	497
55°	451	614	704	702	692	406
65°	291	455	529	508	502	291
75°	168	308	366	348	344	178
85°	57	126	148	131	128	61
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1148.4	1148.4	1148.4	1148.4	1148.4
2.5°	1138.9	1160.6	1175.8	1184.2	1196.5
5°	1134.2	1179.5	1233.4	1262.6	1276.8
7.5°	1125.7	1204.1	1276.8	1309.9	1327.8
10°	1116.3	1227.7	1304.2	1342.9	1362.7
12.5°	1102.1	1238.1	1322.1	1371.2	1393.9
15°	1084.1	1235.2	1333.5	1393.0	1417.5
17.5°	1063.4	1227.7	1336.3	1400.5	1429.8
20°	1040.7	1212.6	1328.7	1398.6	1427.9
22.5°	1012.4	1190.9	1312.7	1386.3	1415.6
25°	981.2	1163.5	1289.1	1366.5	1396.7
27.5°	947.2	1131.4	1258.9	1339.1	1370.3
30°	910.4	1094.5	1222.0	1302.3	1334.4
32.5°	871.7	1052.0	1179.5	1257.9	1287.2
35°	831.1	1006.7	1132.3	1206.0	1231.5
37.5°	786.7	957.6	1078.5	1147.4	1169.1
40°	741.3	907.5	1025.6	1084.1	1101.1
42.5°	694.1	855.6	968.9	1018.0	1028.4
45°	646.0	803.7	911.3	951.9	955.7
47.5°	595.9	752.7	856.6	884.9	883.0
50°	546.8	703.6	803.7	820.7	814.1
52.5°	500.5	657.3	752.7	759.3	750.8
55°	451.4	613.8	703.6	701.7	692.2
57.5°	408.0	571.3	657.3	647.8	637.5
60°	367.4	531.7	612.9	597.8	589.3
62.5°	328.6	493.0	570.4	551.5	544.0
65°	290.9	455.2	528.9	508.1	502.4
67.5°	257.8	419.3	488.2	467.5	463.7
70°	226.7	382.5	447.6	427.8	423.1
72.5°	195.5	345.6	407.0	389.1	387.2
75°	168.1	307.9	365.5	348.5	343.8
77.5°	140.7	269.1	323.0	298.4	292.8
80°	112.4	227.6	272.9	247.4	242.7
82.5°	85.9	179.4	213.4	190.8	187.0
85°	56.7	125.6	148.3	131.3	127.5
87.5°	25.5	60.4	69.9	60.4	57.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)