

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: P1500551

Luminaire Tested: 3CSSV-S3C59-BN-LO-5000K

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500551
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2605-767-2)
Test Lab: INNOVATION CENTER
Issue Date: 7/20/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 3CSSV-S3C59-BN-LO-5000K
Description: 3' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 1800 Lumen 5000K

Light Source:
Ballast/Driver: -

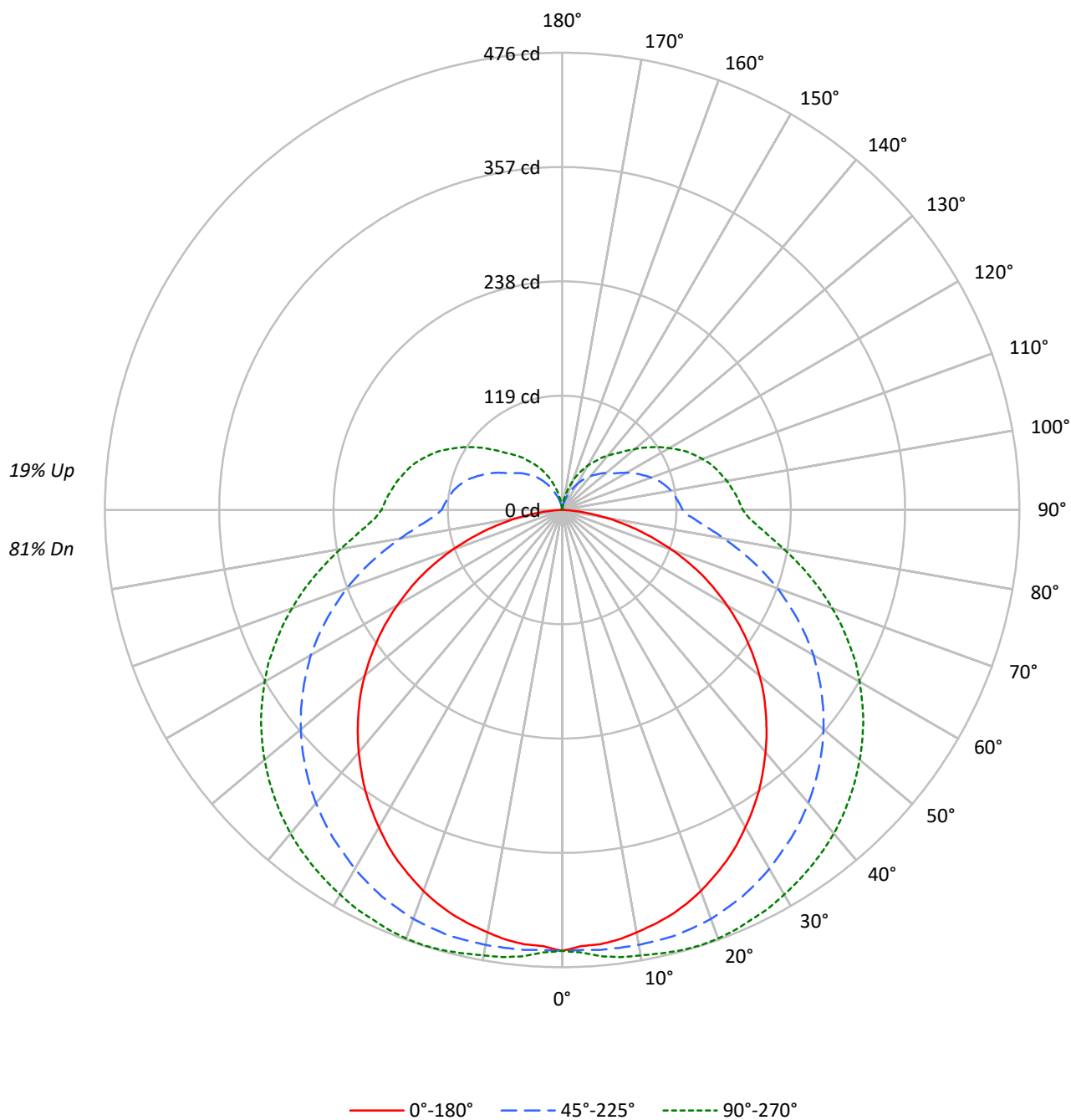
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2244.2 lumens
Efficiency: N/A
Efficacy: 117.5 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.5 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.13' x L: 2.92' x H: 0.13')
CIE Type: Semi-Direct

Input Watts (W): 19.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: >0.9
Total Harmonic Distortion (THDi): <20
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
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	0
RCR																		
0	114	114	114	114	110	110	110	110	100	100	100	92	92	92	84	84	84	81
1	102	96	91	86	97	92	87	83	84	80	77	77	74	71	70	68	66	62
2	91	82	74	68	87	79	72	66	72	66	61	66	61	57	60	56	53	50
3	83	71	62	55	78	68	60	53	62	56	50	57	51	47	52	47	44	40
4	75	62	53	46	71	60	51	45	55	48	42	50	44	39	46	41	37	34
5	69	55	46	39	65	53	44	38	49	41	36	45	38	34	41	36	31	29
6	63	50	40	34	60	48	39	33	44	36	31	40	34	29	37	32	27	25
7	59	45	36	29	56	43	34	28	40	32	27	36	30	25	34	28	24	22
8	54	41	32	26	52	39	31	25	36	29	24	33	27	23	31	25	21	19
9	51	37	29	23	48	36	28	22	33	26	21	31	25	20	28	23	19	17
10	47	34	26	21	45	33	25	20	30	24	19	28	22	18	26	21	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	13015	13015	13015
5°	12867	12291	12205
10°	12756	11711	11526
15°	12669	11234	10993
20°	12537	10776	10504
25°	12377	10331	10018
30°	12175	9903	9596
35°	11988	9498	9211
40°	11758	9107	8856
45°	11514	8721	8491
50°	11239	8331	8139
55°	10881	7927	7792
60°	10420	7512	7425
65°	9867	7034	7031
70°	8990	6533	6619
75°	7723	5964	6182
80°	5997	5382	5730
85°	3256	4917	5387

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11514 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.0	2.0
10°-20°	129.5	5.8
20°-30°	203.8	9.1
30°-40°	258.0	11.5
40°-50°	287.0	12.8
50°-60°	287.0	12.8
60°-70°	257.7	11.5
70°-80°	203.5	9.1
80°-90°	143.6	6.4
90°-100°	117.8	5.3
100°-110°	101.9	4.5
110°-120°	79.9	3.6
120°-130°	56.6	2.5
130°-140°	37.3	1.7
140°-150°	22.5	1.0
150°-160°	10.7	0.5
160°-170°	3.0	0.1
170°-180°	0.3	0.0
0°-30°	377.3	16.8
0°-40°	635.4	28.3
0°-60°	1209.3	53.9
0°-90°	1814.1	80.8
90°-120°	299.7	13.4
90°-150°	416.1	18.5
90°-180°	430.0	19.2
0°-180°	2244.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	459	459	459	459	459	
5°	454	464	460	460	466	43
15°	437	452	458	468	475	123
25°	404	426	444	460	470	186
35°	357	387	416	440	452	223
45°	300	338	378	409	424	231
55°	234	280	330	366	383	209
65°	161	212	271	313	330	159
75°	82	141	204	250	267	88
85°	15	76	143	189	206	19
90°	1	59	126	172	188	1
95°	0	56	120	166	182	0
105°	1	45	108	151	166	0
115°	1	34	88	128	143	1
125°	1	26	66	101	114	1
135°	1	21	53	75	84	1
145°	1	15	39	57	63	0
155°	1	8	23	37	43	1
165°	1	4	9	15	21	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	459.0	459.0	459.0	459.0	459.0
2.5°	454.4	463.6	458.4	459.0	461.0
5°	453.8	463.6	459.7	460.3	466.3
7.5°	451.1	461.7	459.7	463.0	469.5
10°	446.5	459.7	459.7	464.9	470.9
12.5°	441.9	455.7	459.0	465.6	472.8
15°	436.7	451.8	458.4	467.6	474.8
17.5°	430.1	447.2	455.7	466.9	475.5
20°	422.2	440.6	453.1	464.9	474.8
22.5°	413.0	434.0	448.5	463.0	472.8
25°	403.8	426.1	443.9	459.7	469.5
27.5°	393.3	417.6	438.0	455.7	466.9
30°	381.4	407.7	431.4	451.1	462.3
32.5°	369.6	397.9	423.5	445.9	457.7
35°	357.1	386.7	416.3	440.0	452.4
37.5°	343.3	375.5	407.7	433.4	446.5
40°	329.5	363.7	398.5	426.1	440.0
42.5°	315.0	350.5	388.7	417.6	432.1
45°	299.9	338.0	378.1	409.0	423.5
47.5°	284.8	324.2	367.0	399.2	414.3
50°	268.3	309.7	355.1	388.7	404.4
52.5°	251.2	295.3	342.6	378.1	393.9
55°	234.1	279.5	329.5	366.3	382.7
57.5°	216.4	263.1	315.7	353.8	370.2
60°	197.9	246.6	301.9	340.7	357.7
62.5°	179.5	230.2	286.7	326.8	344.6
65°	161.1	212.4	270.9	313.0	329.5
67.5°	141.4	195.3	254.5	297.9	315.0
70°	121.7	176.9	238.7	282.1	299.2
72.5°	101.9	158.5	221.6	266.3	283.4
75°	82.2	140.7	204.5	249.9	267.0
77.5°	64.4	123.0	187.4	233.5	250.6
80°	46.0	105.9	171.0	217.7	234.1
82.5°	28.9	89.4	155.9	202.5	219.0
85°	15.1	75.6	142.7	189.4	205.8
87.5°	4.6	65.1	131.5	178.2	194.7
90°	0.7	59.2	125.6	171.6	188.1
92.5°	0.0	57.2	123.0	168.4	184.8
95°	0.0	55.9	120.3	165.7	181.5
97.5°	0.0	53.9	117.7	162.4	177.6
100°	0.0	51.3	115.1	158.5	174.3
102.5°	0.0	48.0	111.8	154.5	169.7
105°	0.7	44.7	107.9	150.6	165.7
107.5°	0.7	40.8	103.9	146.0	161.1
110°	0.7	37.5	98.6	140.1	155.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.7	35.5	93.4	134.2	149.3
115°	0.7	34.2	88.1	128.2	143.4
117.5°	0.7	32.2	82.9	121.7	136.1
120°	0.7	30.3	77.6	114.4	128.9
122.5°	0.7	27.6	71.7	107.9	121.7
125°	0.7	26.3	66.4	100.6	113.8
127.5°	0.7	25.0	63.1	93.4	106.5
130°	0.7	23.7	59.8	86.1	98.6
132.5°	0.7	22.4	56.6	79.6	91.4
135°	0.7	21.0	52.6	75.0	84.2
137.5°	0.7	19.7	49.3	70.4	78.9
140°	0.7	18.4	46.0	65.8	73.7
142.5°	0.7	17.1	42.7	61.2	69.1
145°	0.7	15.1	38.8	56.6	63.1
147.5°	0.7	13.2	34.9	52.0	57.9
150°	0.7	11.8	30.9	47.3	53.3
152.5°	1.3	10.5	27.0	42.7	48.0
155°	1.3	8.5	23.0	36.8	42.7
157.5°	1.3	7.2	19.1	30.9	37.5
160°	1.3	5.9	15.8	25.0	31.6
162.5°	1.3	4.6	12.5	19.7	26.3
165°	1.3	3.9	9.2	15.1	21.0
167.5°	1.3	3.3	7.2	10.5	16.4
170°	1.3	2.6	5.3	7.2	11.2
172.5°	1.3	2.0	3.3	4.6	3.3
175°	1.3	1.3	2.0	2.0	1.3
177.5°	1.3	1.3	1.3	0.7	0.7
180°	0.7	0.7	0.7	0.7	0.7

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.0	17.3	16.6	18.0	18.7	20.0	21.3	20.6	22.0	22.7
	3H	17.3	18.6	18.0	19.2	20.0	22.7	24.0	23.4	24.6	25.4
	4H	17.7	18.9	18.4	19.6	20.4	24.1	25.3	24.8	25.9	26.7
	6H	17.9	19.0	18.6	19.7	20.5	25.5	26.6	26.2	27.3	28.1
	8H	18.0	19.0	18.7	19.7	20.5	26.2	27.3	26.9	28.0	28.8
	12H	18.0	19.0	18.7	19.7	20.5	27.0	28.0	27.7	28.7	29.6
4H	2H	17.2	18.4	17.9	19.1	19.8	20.3	21.4	20.9	22.1	22.9
	3H	18.8	19.8	19.5	20.5	21.4	23.2	24.2	23.9	24.9	25.8
	4H	19.4	20.3	20.1	21.0	21.9	24.7	25.7	25.4	26.4	27.2
	6H	19.7	20.6	20.4	21.3	22.1	26.3	27.1	27.0	27.9	28.7
	8H	19.8	20.6	20.5	21.3	22.2	27.1	27.9	27.8	28.6	29.5
	12H	19.8	20.5	20.6	21.3	22.2	28.0	28.8	28.8	29.5	30.4
8H	4H	20.3	21.1	21.1	21.9	22.7	24.9	25.6	25.6	26.4	27.2
	6H	20.9	21.6	21.6	22.3	23.2	26.6	27.2	27.3	28.0	28.9
	8H	21.1	21.7	21.8	22.5	23.3	27.5	28.1	28.3	28.9	29.8
	12H	21.2	21.7	21.9	22.5	23.4	28.6	29.1	29.4	29.9	30.8
12H	4H	20.6	21.3	21.3	22.1	22.9	24.9	25.6	25.6	26.3	27.2
	6H	21.3	21.9	22.1	22.7	23.6	26.6	27.2	27.4	28.0	28.9
	8H	21.6	22.1	22.3	22.9	23.8	27.6	28.1	28.3	28.9	29.8

(END OF REPORT)