

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: P1500498

Luminaire Tested: 2CSSV-S3C59-BN-HI-3000K

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500498
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2605-767-1)
Test Lab: INNOVATION CENTER
Issue Date: 7/20/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2CSSV-S3C59-BN-HI-3000K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 2000 Lumen 3000K

Light Source:
Ballast/Driver: -

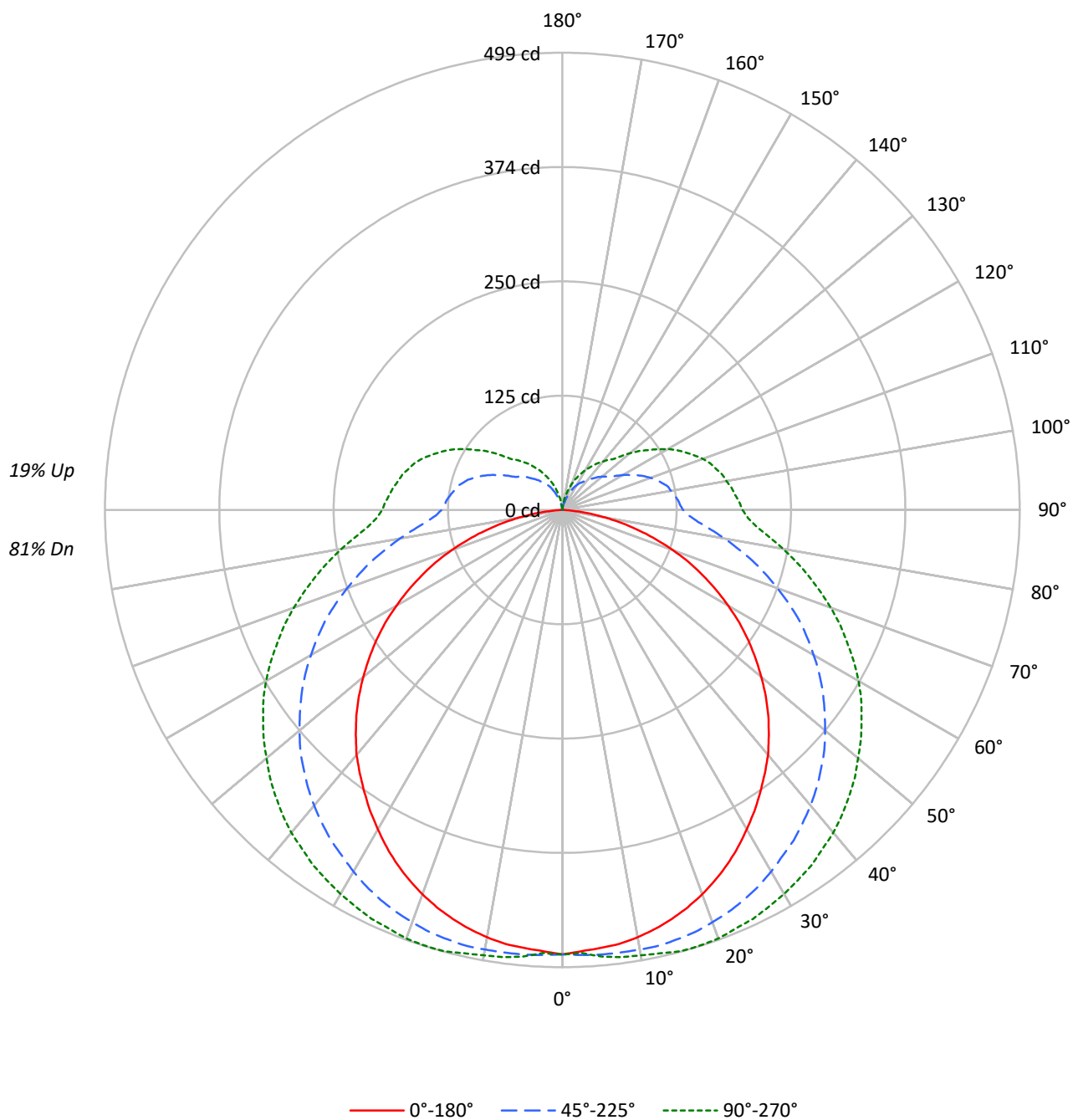
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2340.9 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.49 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.13' x L: 1.92' x H: 0.13')
CIE Type: Semi-Direct

Input Watts (W): 24.4
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
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																				
0	115	115	115	115	110	110	110	110		101	101	101		93	93	93		85	85	85
1	102	96	91	86	97	92	87	83		84	80	77		77	74	71		71	68	66
2	92	82	75	68	87	79	72	66		72	66	61		66	61	57		60	57	53
3	83	71	62	55	79	68	60	54		63	56	50		57	52	47		52	48	44
4	75	63	53	46	72	60	51	45		55	48	42		50	44	40		46	41	37
5	69	55	46	39	66	53	44	38		49	42	36		45	39	34		41	36	32
6	63	50	40	34	60	48	39	33		44	37	31		40	34	29		37	32	28
7	59	45	36	29	56	43	35	29		40	32	27		37	30	26		34	28	24
8	54	41	32	26	52	39	31	25		36	29	24		34	27	23		31	26	22
9	51	37	29	23	48	36	28	22		33	26	21		31	25	20		29	23	19
10	47	34	26	21	45	33	25	20		31	24	19		28	23	18		26	21	17

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	20915	20915	20915
5°	20648	19780	19473
10°	20490	18824	18367
15°	20259	18010	17556
20°	19989	17233	16742
25°	19673	16516	15976
30°	19284	15803	15280
35°	18914	15157	14662
40°	18596	14516	14078
45°	18153	13876	13484
50°	17587	13215	12893
55°	16981	12554	12333
60°	16142	11837	11782
65°	15085	11119	11127
70°	13672	10245	10481
75°	11545	9397	9789
80°	8434	8454	9105
85°	4072	7625	8487

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18153 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.4	2.0
10°-20°	136.7	5.8
20°-30°	214.7	9.2
30°-40°	271.6	11.6
40°-50°	302.0	12.9
50°-60°	301.4	12.9
60°-70°	270.3	11.5
70°-80°	212.9	9.1
80°-90°	149.7	6.4
90°-100°	123.1	5.3
100°-110°	106.2	4.5
110°-120°	81.4	3.5
120°-130°	54.9	2.3
130°-140°	34.8	1.5
140°-150°	21.3	0.9
150°-160°	10.4	0.4
160°-170°	2.9	0.1
170°-180°	0.2	0.0
0°-30°	397.8	17.0
0°-40°	669.4	28.6
0°-60°	1272.8	54.4
0°-90°	1905.7	81.4
90°-120°	310.6	13.3
90°-150°	421.7	18.0
90°-180°	435.0	18.6
0°-180°	2340.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	485	485	485	485	485	
5°	480	487	487	488	489	46
15°	462	475	485	494	499	130
25°	426	447	469	485	492	196
35°	376	407	440	463	474	236
45°	318	354	399	431	442	245
55°	248	293	347	385	398	221
65°	169	224	285	328	343	167
75°	87	147	215	261	278	92
85°	15	79	148	196	213	19
90°	0	62	132	179	196	1
95°	0	58	126	172	189	0
105°	0	45	113	158	174	0
115°	0	30	90	134	148	0
125°	0	22	63	100	114	0
135°	0	18	49	71	78	0
145°	0	15	37	53	60	0
155°	1	8	24	36	40	0
165°	1	3	8	15	20	0
175°	1	1	1	2	1	0
180°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	485.0	485.0	485.0	485.0	485.0
2.5°	481.9	488.1	486.1	485.0	484.0
5°	479.8	487.1	487.1	488.1	489.2
7.5°	477.7	485.0	487.1	489.2	492.3
10°	473.5	482.9	487.1	491.3	493.4
12.5°	468.3	479.8	487.1	492.3	495.5
15°	462.0	474.6	485.0	494.4	498.6
17.5°	454.7	469.3	482.9	494.4	498.6
20°	446.3	463.1	478.7	491.3	497.6
22.5°	436.9	455.7	474.6	488.1	494.4
25°	426.5	447.4	469.3	485.0	492.3
27.5°	415.0	438.0	463.1	480.8	488.1
30°	402.4	427.5	455.7	475.6	484.0
32.5°	389.9	417.1	447.4	469.3	478.7
35°	376.3	406.6	440.1	463.1	473.5
37.5°	362.7	395.1	430.7	456.8	466.2
40°	349.1	381.5	421.2	448.4	459.9
42.5°	333.4	369.0	410.8	440.1	451.6
45°	317.8	354.3	399.3	430.7	442.2
47.5°	301.0	340.8	387.8	420.2	432.7
50°	283.3	325.1	374.2	408.7	421.2
52.5°	265.5	309.4	360.6	397.2	410.8
55°	247.7	292.7	347.0	384.7	398.3
57.5°	228.9	277.0	332.4	371.1	386.8
60°	209.1	259.2	316.7	357.5	373.2
62.5°	189.2	241.5	301.0	342.9	358.5
65°	169.3	223.7	285.4	328.2	342.9
67.5°	149.5	204.9	267.6	311.5	328.2
70°	128.6	186.1	249.8	295.8	311.5
72.5°	107.7	166.2	232.1	278.0	294.8
75°	86.8	147.4	215.3	261.3	278.0
77.5°	66.9	128.6	196.5	243.6	261.3
80°	47.0	110.8	179.8	226.8	244.6
82.5°	30.3	94.1	163.1	211.1	227.9
85°	14.6	79.4	148.4	196.5	213.2
87.5°	4.2	67.9	138.0	185.0	202.8
90°	0.0	61.7	131.7	178.7	196.5
92.5°	0.0	59.6	128.6	175.6	193.4
95°	0.0	58.5	126.5	172.5	189.2
97.5°	0.0	56.4	123.3	169.3	186.1
100°	0.0	53.3	120.2	166.2	181.9
102.5°	0.0	49.1	118.1	162.0	178.7
105°	0.0	44.9	112.9	157.8	173.5
107.5°	0.0	39.7	108.7	152.6	169.3
110°	0.0	34.5	102.4	147.4	163.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	32.4	96.2	141.1	155.7
115°	0.0	30.3	89.9	133.8	148.4
117.5°	0.0	29.3	82.6	125.4	141.1
120°	0.0	26.1	76.3	117.1	132.8
122.5°	0.0	24.0	69.0	108.7	123.3
125°	0.0	22.0	62.7	100.3	113.9
127.5°	0.0	19.9	59.6	92.0	105.6
130°	0.0	19.9	56.4	83.6	96.2
132.5°	0.0	18.8	53.3	75.3	86.8
135°	0.0	17.8	49.1	71.1	78.4
137.5°	0.0	16.7	46.0	66.9	74.2
140°	0.0	16.7	42.9	62.7	69.0
142.5°	0.0	15.7	39.7	58.5	64.8
145°	0.0	14.6	36.6	53.3	59.6
147.5°	0.0	13.6	34.5	49.1	54.4
150°	0.0	11.5	31.4	44.9	50.2
152.5°	0.0	9.4	28.2	40.8	44.9
155°	1.0	8.4	24.0	35.5	39.7
157.5°	1.0	6.3	19.9	31.4	35.5
160°	1.0	5.2	15.7	26.1	30.3
162.5°	1.0	4.2	11.5	20.9	25.1
165°	1.0	3.1	8.4	14.6	19.9
167.5°	1.0	2.1	6.3	10.5	14.6
170°	1.0	2.1	4.2	6.3	10.5
172.5°	1.0	1.0	2.1	4.2	3.1
175°	1.0	1.0	1.0	2.1	1.0
177.5°	1.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

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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	17.6	19.0	18.2	19.6	20.4	21.5	22.9	22.2	23.5	24.3
	3H	19.0	20.2	19.6	20.9	21.7	24.3	25.5	24.9	26.2	26.9
	4H	19.4	20.6	20.1	21.2	22.0	25.6	26.8	26.3	27.5	28.2
	6H	19.6	20.7	20.3	21.4	22.2	27.0	28.1	27.6	28.8	29.5
	8H	19.6	20.7	20.3	21.4	22.2	27.7	28.7	28.3	29.4	30.2
	12H	19.6	20.7	20.3	21.3	22.2	28.4	29.4	29.1	30.1	31.0
4H	2H	18.9	20.1	19.5	20.7	21.5	21.9	23.0	22.5	23.7	24.5
	3H	20.5	21.5	21.2	22.2	23.0	24.8	25.8	25.4	26.5	27.3
	4H	21.0	22.0	21.7	22.7	23.5	26.3	27.2	26.9	27.9	28.7
	6H	21.4	22.2	22.1	22.9	23.8	27.8	28.6	28.5	29.4	30.2
	8H	21.5	22.2	22.2	23.0	23.8	28.6	29.4	29.3	30.1	30.9
	12H	21.5	22.2	22.2	22.9	23.8	29.5	30.2	30.2	30.9	31.8
8H	4H	22.0	22.8	22.7	23.5	24.3	26.4	27.2	27.1	27.9	28.8
	6H	22.5	23.2	23.3	24.0	24.8	28.1	28.7	28.8	29.5	30.4
	8H	22.7	23.3	23.5	24.1	25.0	29.0	29.6	29.7	30.4	31.2
	12H	22.8	23.4	23.6	24.1	25.0	30.0	30.6	30.8	31.3	32.2
12H	4H	22.2	23.0	23.0	23.7	24.6	26.4	27.1	27.1	27.9	28.7
	6H	22.9	23.5	23.7	24.3	25.2	28.1	28.7	28.9	29.4	30.4
	8H	23.2	23.7	24.0	24.5	25.4	29.1	29.6	29.8	30.4	31.3

(END OF REPORT)