

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: P1500505

Luminaire Tested: 2CSSV-S3C59-BN-LO-4000K

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500505
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-LO-4000K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 1200 Lumen 4000K

Light Source:
Ballast/Driver: -

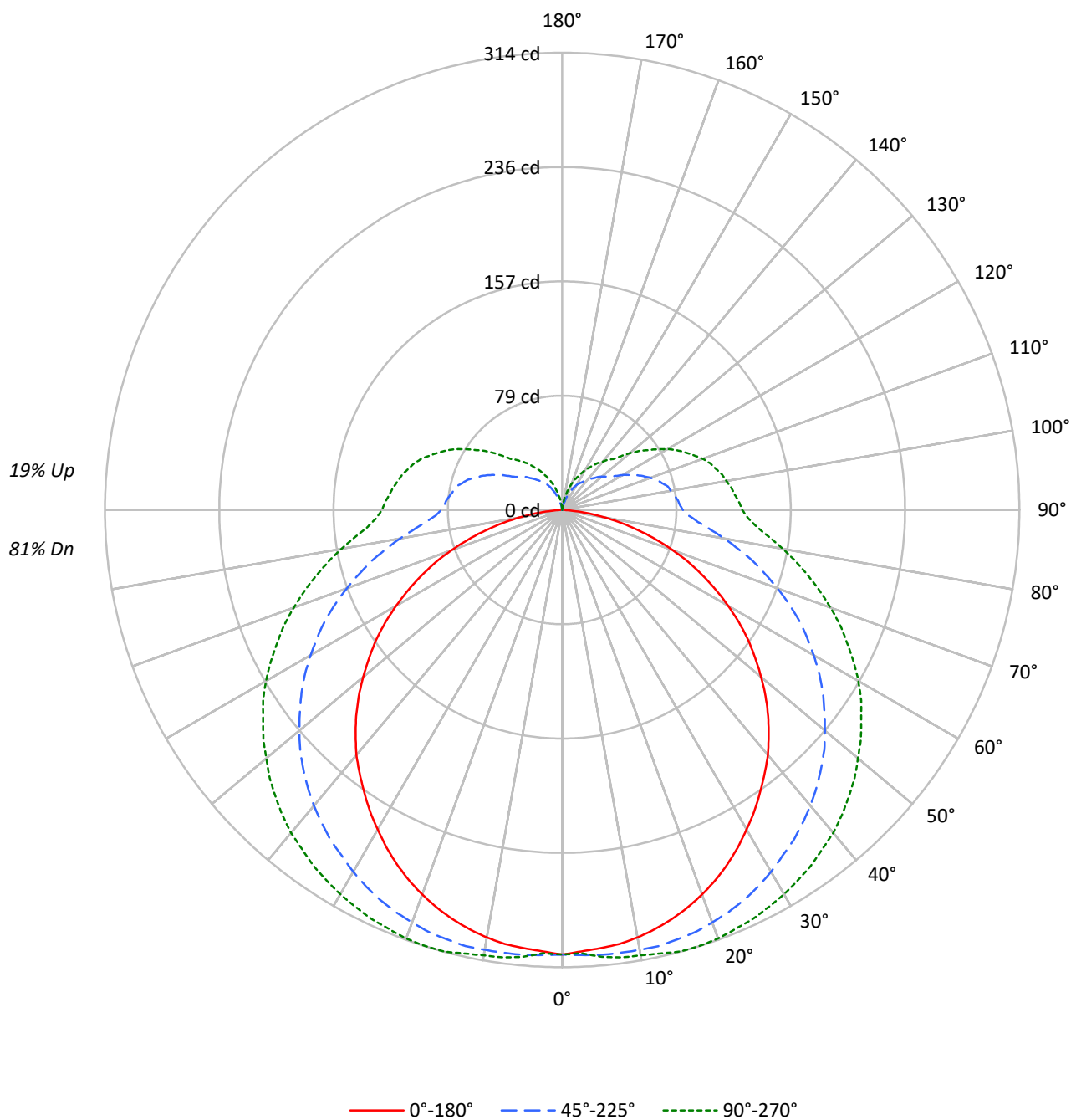
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1473.7 lumens
Efficiency: N/A
Efficacy: 108.4 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): 13.6
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		0
RCR																	
0	115	115	115	115	110	110	110	110	101	101	101		93	93	93		81
1	102	96	91	86	97	92	87	83	84	80	77		77	74	71		63
2	92	82	75	68	87	79	72	66	72	66	61		66	61	57		50
3	83	71	62	55	79	68	60	54	63	56	50		57	52	47		41
4	75	63	53	46	72	60	51	45	55	48	42		50	44	40		34
5	69	55	46	39	66	53	44	38	49	42	36		45	39	34		29
6	63	50	40	34	60	48	39	33	44	37	31		40	34	29		25
7	59	45	36	29	56	43	35	29	40	32	27		37	30	26		22
8	54	41	32	26	52	39	31	25	36	29	24		34	27	23		19
9	51	37	29	23	48	36	28	22	33	26	21		31	25	20		17
10	47	34	26	21	45	33	25	20	31	24	19		28	23	18		16

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	13166	13166	13166
5°	12996	12454	12260
10°	12900	11853	11562
15°	12756	11337	11053
20°	12586	10850	10538
25°	12385	10400	10056
30°	12139	9950	9619
35°	11907	9540	9230
40°	11708	9140	8862
45°	11424	8736	8489
50°	11069	8320	8118
55°	10695	7905	7763
60°	10159	7453	7416
65°	9498	6997	7003
70°	8601	6451	6598
75°	7262	5918	6162
80°	5311	5323	5733
85°	2566	4799	5342

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11424 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.2	2.0
10°-20°	86.1	5.8
20°-30°	135.1	9.2
30°-40°	171.0	11.6
40°-50°	190.1	12.9
50°-60°	189.7	12.9
60°-70°	170.1	11.5
70°-80°	134.0	9.1
80°-90°	94.3	6.4
90°-100°	77.5	5.3
100°-110°	66.9	4.5
110°-120°	51.2	3.5
120°-130°	34.6	2.3
130°-140°	21.9	1.5
140°-150°	13.4	0.9
150°-160°	6.5	0.4
160°-170°	1.8	0.1
170°-180°	0.1	0.0
0°-30°	250.4	17.0
0°-40°	421.4	28.6
0°-60°	801.3	54.4
0°-90°	1199.7	81.4
90°-120°	195.6	13.3
90°-150°	265.5	18.0
90°-180°	274.0	18.6
0°-180°	1473.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	305	305	305	305	305	
5°	302	307	307	307	308	29
15°	291	299	305	311	314	82
25°	268	282	296	305	310	124
35°	237	256	277	292	298	148
45°	200	223	251	271	278	154
55°	156	184	218	242	251	139
65°	107	141	180	207	216	105
75°	55	93	136	164	175	58
85°	9	50	93	124	134	12
90°	0	39	83	112	124	0
95°	0	37	80	109	119	0
105°	0	28	71	99	109	0
115°	0	19	57	84	93	0
125°	0	14	40	63	72	0
135°	0	11	31	45	49	0
145°	0	9	23	34	38	0
155°	1	5	15	22	25	0
165°	1	2	5	9	12	0
175°	1	1	1	1	1	0
180°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	305.3	305.3	305.3	305.3	305.3
2.5°	303.4	307.3	306.0	305.3	304.7
5°	302.0	306.7	306.7	307.3	308.0
7.5°	300.7	305.3	306.7	308.0	309.9
10°	298.1	304.0	306.7	309.3	310.6
12.5°	294.8	302.0	306.7	309.9	311.9
15°	290.9	298.8	305.3	311.3	313.9
17.5°	286.3	295.5	304.0	311.3	313.9
20°	281.0	291.5	301.4	309.3	313.2
22.5°	275.1	286.9	298.8	307.3	311.3
25°	268.5	281.6	295.5	305.3	309.9
27.5°	261.2	275.7	291.5	302.7	307.3
30°	253.3	269.1	286.9	299.4	304.7
32.5°	245.5	262.6	281.6	295.5	301.4
35°	236.9	256.0	277.0	291.5	298.1
37.5°	228.3	248.7	271.1	287.6	293.5
40°	219.8	240.2	265.2	282.3	289.5
42.5°	209.9	232.3	258.6	277.0	284.3
45°	200.0	223.1	251.4	271.1	278.4
47.5°	189.5	214.5	244.1	264.5	272.4
50°	178.3	204.7	235.6	257.3	265.2
52.5°	167.1	194.8	227.0	250.1	258.6
55°	156.0	184.3	218.5	242.2	250.7
57.5°	144.1	174.4	209.3	233.6	243.5
60°	131.6	163.2	199.4	225.1	234.9
62.5°	119.1	152.0	189.5	215.8	225.7
65°	106.6	140.8	179.6	206.6	215.8
67.5°	94.1	129.0	168.5	196.1	206.6
70°	80.9	117.1	157.3	186.2	196.1
72.5°	67.8	104.6	146.1	175.0	185.6
75°	54.6	92.8	135.6	164.5	175.0
77.5°	42.1	80.9	123.7	153.3	164.5
80°	29.6	69.8	113.2	142.8	154.0
82.5°	19.1	59.2	102.7	132.9	143.5
85°	9.2	50.0	93.4	123.7	134.2
87.5°	2.6	42.8	86.9	116.5	127.7
90°	0.0	38.8	82.9	112.5	123.7
92.5°	0.0	37.5	80.9	110.6	121.7
95°	0.0	36.9	79.6	108.6	119.1
97.5°	0.0	35.5	77.6	106.6	117.1
100°	0.0	33.6	75.7	104.6	114.5
102.5°	0.0	30.9	74.4	102.0	112.5
105°	0.0	28.3	71.1	99.4	109.2
107.5°	0.0	25.0	68.4	96.1	106.6
110°	0.0	21.7	64.5	92.8	102.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	20.4	60.5	88.8	98.0
115°	0.0	19.1	56.6	84.2	93.4
117.5°	0.0	18.4	52.0	79.0	88.8
120°	0.0	16.5	48.0	73.7	83.6
122.5°	0.0	15.1	43.4	68.4	77.6
125°	0.0	13.8	39.5	63.2	71.7
127.5°	0.0	12.5	37.5	57.9	66.5
130°	0.0	12.5	35.5	52.6	60.5
132.5°	0.0	11.8	33.6	47.4	54.6
135°	0.0	11.2	30.9	44.7	49.4
137.5°	0.0	10.5	29.0	42.1	46.7
140°	0.0	10.5	27.0	39.5	43.4
142.5°	0.0	9.9	25.0	36.9	40.8
145°	0.0	9.2	23.0	33.6	37.5
147.5°	0.0	8.6	21.7	30.9	34.2
150°	0.0	7.2	19.7	28.3	31.6
152.5°	0.0	5.9	17.8	25.7	28.3
155°	0.7	5.3	15.1	22.4	25.0
157.5°	0.7	3.9	12.5	19.7	22.4
160°	0.7	3.3	9.9	16.5	19.1
162.5°	0.7	2.6	7.2	13.2	15.8
165°	0.7	2.0	5.3	9.2	12.5
167.5°	0.7	1.3	3.9	6.6	9.2
170°	0.7	1.3	2.6	3.9	6.6
172.5°	0.7	0.7	1.3	2.6	2.0
175°	0.7	0.7	0.7	1.3	0.7
177.5°	0.7	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	16.0	17.4	16.6	18.0	18.8	19.9	21.3	20.6	21.9	22.7
	3H	17.4	18.6	18.0	19.3	20.0	22.7	23.9	23.3	24.6	25.3
	4H	17.8	19.0	18.4	19.6	20.4	24.0	25.2	24.6	25.8	26.6
	6H	18.0	19.1	18.7	19.8	20.6	25.4	26.5	26.0	27.1	27.9
	8H	18.0	19.1	18.7	19.8	20.6	26.1	27.1	26.7	27.8	28.6
	12H	18.0	19.0	18.7	19.7	20.6	26.8	27.8	27.5	28.5	29.3
4H	2H	17.3	18.4	17.9	19.1	19.9	20.2	21.4	20.9	22.1	22.9
	3H	18.9	19.9	19.6	20.6	21.4	23.2	24.2	23.8	24.9	25.7
	4H	19.4	20.4	20.1	21.1	21.9	24.7	25.6	25.3	26.3	27.1
	6H	19.8	20.6	20.5	21.3	22.2	26.2	27.0	26.9	27.7	28.6
	8H	19.9	20.6	20.6	21.4	22.2	27.0	27.8	27.7	28.5	29.3
	12H	19.9	20.6	20.6	21.3	22.2	27.9	28.6	28.6	29.3	30.2
8H	4H	20.4	21.2	21.1	21.9	22.7	24.8	25.6	25.5	26.3	27.1
	6H	20.9	21.6	21.7	22.4	23.2	26.5	27.1	27.2	27.9	28.8
	8H	21.1	21.7	21.9	22.5	23.3	27.4	28.0	28.1	28.8	29.6
	12H	21.2	21.7	22.0	22.5	23.4	28.4	28.9	29.2	29.7	30.6
12H	4H	20.6	21.4	21.4	22.1	23.0	24.8	25.5	25.5	26.2	27.1
	6H	21.3	21.9	22.1	22.7	23.6	26.5	27.1	27.3	27.8	28.7
	8H	21.6	22.1	22.4	22.9	23.8	27.5	28.0	28.2	28.7	29.7

(END OF REPORT)