

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: P1500506

Luminaire Tested: 2CSSV-S3C59-BN-LO-5000K

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500506
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-5000K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 1200 Lumen 5000K

Light Source:
Ballast/Driver: -

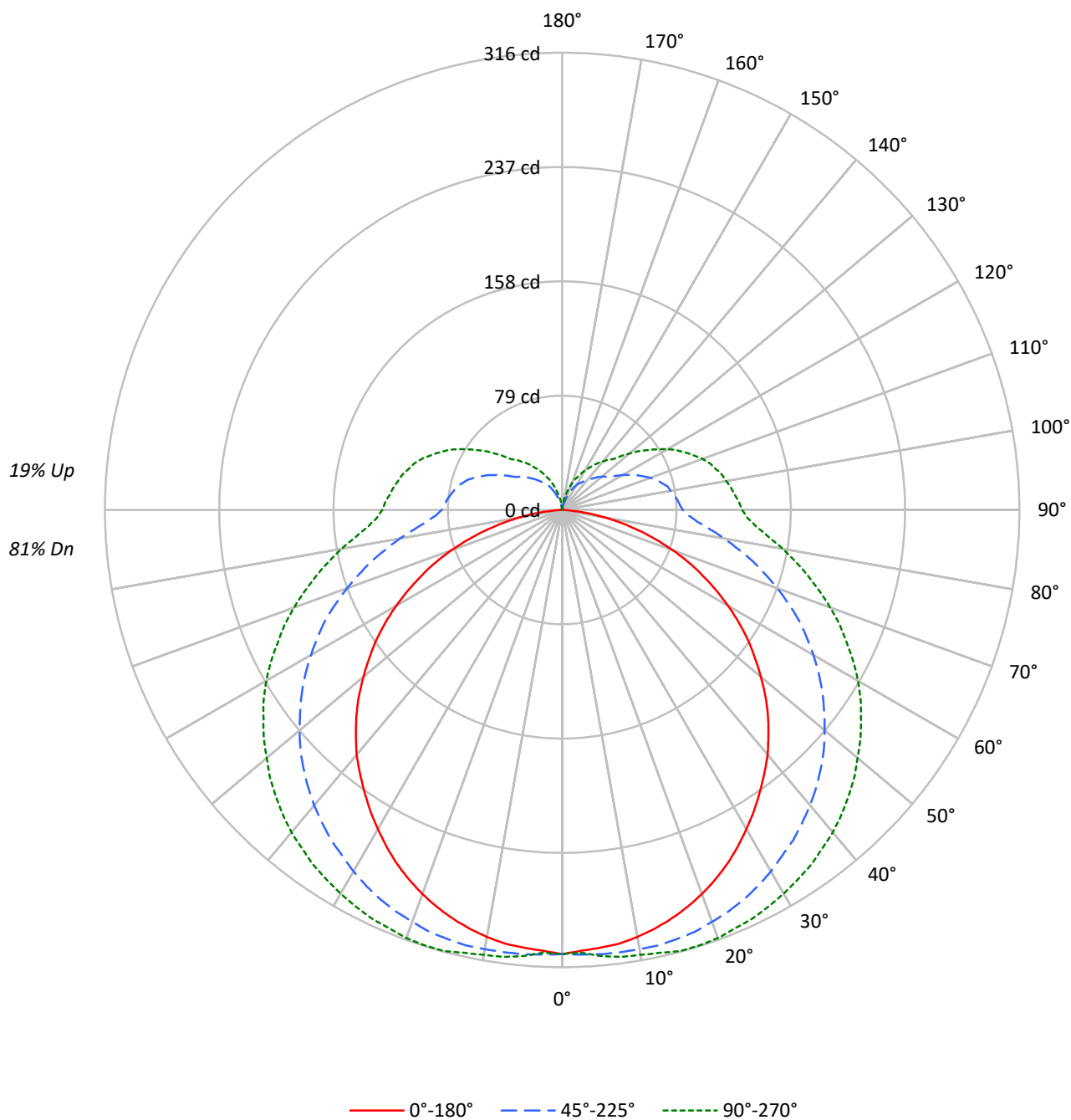
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1481.2 lumens
Efficiency: N/A
Efficacy: 108.9 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): 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				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	115	115	115	115	110	110	110	110	101	101	101		93	93	93		85
1	102	96	91	86	97	92	87	83	84	80	77		77	74	71		71
2	92	82	75	68	87	79	72	66	72	66	61		66	61	57		60
3	83	71	62	55	79	68	60	54	63	56	50		57	52	47		52
4	75	63	53	46	72	60	51	45	55	48	42		50	44	40		46
5	69	55	46	39	66	53	44	38	49	42	36		45	39	34		41
6	63	50	40	34	60	48	39	33	44	37	31		40	34	29		37
7	59	45	36	29	56	43	35	29	40	32	27		37	30	26		34
8	54	41	32	26	52	39	31	25	36	29	24		34	27	23		31
9	51	37	29	23	48	36	28	22	33	26	21		31	25	20		29
10	47	34	26	21	45	33	25	20	31	24	19		28	23	18		26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	13235	13235	13235
5°	13065	12515	12320
10°	12965	11910	11622
15°	12817	11396	11109
20°	12648	10904	10592
25°	12450	10452	10108
30°	12201	10002	9667
35°	11968	9588	9277
40°	11767	9184	8908
45°	11487	8782	8532
50°	11125	8363	8158
55°	10750	7945	7803
60°	10213	7490	7454
65°	9543	7036	7039
70°	8654	6484	6632
75°	7302	5944	6194
80°	5347	5351	5763
85°	2594	4825	5370

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11487 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.4	2.0
10°-20°	86.5	5.8
20°-30°	135.8	9.2
30°-40°	171.8	11.6
40°-50°	191.1	12.9
50°-60°	190.7	12.9
60°-70°	171.0	11.5
70°-80°	134.7	9.1
80°-90°	94.7	6.4
90°-100°	77.9	5.3
100°-110°	67.2	4.5
110°-120°	51.5	3.5
120°-130°	34.8	2.3
130°-140°	22.0	1.5
140°-150°	13.5	0.9
150°-160°	6.6	0.4
160°-170°	1.8	0.1
170°-180°	0.1	0.0
0°-30°	251.7	17.0
0°-40°	423.5	28.6
0°-60°	805.3	54.4
0°-90°	1205.8	81.4
90°-120°	196.6	13.3
90°-150°	266.9	18.0
90°-180°	275.0	18.6
0°-180°	1481.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	307	307	307	307	307	
5°	304	308	308	309	310	29
15°	292	300	307	313	316	82
25°	270	283	297	307	312	124
35°	238	257	278	293	300	149
45°	201	224	253	272	280	155
55°	157	185	220	243	252	140
65°	107	142	181	208	217	106
75°	55	93	136	165	176	58
85°	9	50	94	124	135	12
90°	0	39	83	113	124	0
95°	0	37	80	109	120	0
105°	0	28	71	100	110	0
115°	0	19	57	85	94	0
125°	0	14	40	64	72	0
135°	0	11	31	45	50	0
145°	0	9	23	34	38	0
155°	1	5	15	22	25	0
165°	1	2	5	9	13	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°	306.9	306.9	306.9	306.9	306.9
2.5°	304.9	308.9	307.6	306.9	306.2
5°	303.6	308.2	308.2	308.9	309.5
7.5°	302.3	306.9	308.2	309.5	311.5
10°	299.6	305.6	308.2	310.9	312.2
12.5°	296.3	303.6	308.2	311.5	313.5
15°	292.3	300.3	306.9	312.8	315.5
17.5°	287.7	297.0	305.6	312.8	315.5
20°	282.4	293.0	302.9	310.9	314.8
22.5°	276.5	288.4	300.3	308.9	312.8
25°	269.9	283.1	297.0	306.9	311.5
27.5°	262.6	277.1	293.0	304.2	308.9
30°	254.6	270.5	288.4	300.9	306.2
32.5°	246.7	263.9	283.1	297.0	302.9
35°	238.1	257.3	278.4	293.0	299.6
37.5°	229.5	250.0	272.5	289.0	295.0
40°	220.9	241.4	266.5	283.7	291.0
42.5°	211.0	233.5	259.9	278.4	285.7
45°	201.1	224.2	252.7	272.5	279.8
47.5°	190.5	215.6	245.4	265.9	273.8
50°	179.2	205.7	236.8	258.6	266.5
52.5°	168.0	195.8	228.2	251.3	259.9
55°	156.8	185.2	219.6	243.4	252.0
57.5°	144.8	175.3	210.3	234.8	244.7
60°	132.3	164.0	200.4	226.2	236.1
62.5°	119.7	152.8	190.5	216.9	226.9
65°	107.1	141.5	180.6	207.7	216.9
67.5°	94.6	129.6	169.3	197.1	207.7
70°	81.4	117.7	158.1	187.2	197.1
72.5°	68.1	105.2	146.8	175.9	186.5
75°	54.9	93.3	136.2	165.3	175.9
77.5°	42.3	81.4	124.3	154.1	165.3
80°	29.8	70.1	113.8	143.5	154.8
82.5°	19.2	59.5	103.2	133.6	144.2
85°	9.3	50.3	93.9	124.3	134.9
87.5°	2.6	43.0	87.3	117.1	128.3
90°	0.0	39.0	83.3	113.1	124.3
92.5°	0.0	37.7	81.4	111.1	122.4
95°	0.0	37.0	80.0	109.1	119.7
97.5°	0.0	35.7	78.0	107.1	117.7
100°	0.0	33.7	76.1	105.2	115.1
102.5°	0.0	31.1	74.7	102.5	113.1
105°	0.0	28.4	71.4	99.9	109.8
107.5°	0.0	25.1	68.8	96.6	107.1
110°	0.0	21.8	64.8	93.3	103.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	20.5	60.8	89.3	98.5
115°	0.0	19.2	56.9	84.7	93.9
117.5°	0.0	18.5	52.3	79.4	89.3
120°	0.0	16.5	48.3	74.1	84.0
122.5°	0.0	15.2	43.7	68.8	78.0
125°	0.0	13.9	39.7	63.5	72.1
127.5°	0.0	12.6	37.7	58.2	66.8
130°	0.0	12.6	35.7	52.9	60.8
132.5°	0.0	11.9	33.7	47.6	54.9
135°	0.0	11.2	31.1	45.0	49.6
137.5°	0.0	10.6	29.1	42.3	47.0
140°	0.0	10.6	27.1	39.7	43.7
142.5°	0.0	9.9	25.1	37.0	41.0
145°	0.0	9.3	23.1	33.7	37.7
147.5°	0.0	8.6	21.8	31.1	34.4
150°	0.0	7.3	19.8	28.4	31.7
152.5°	0.0	6.0	17.9	25.8	28.4
155°	0.7	5.3	15.2	22.5	25.1
157.5°	0.7	4.0	12.6	19.8	22.5
160°	0.7	3.3	9.9	16.5	19.2
162.5°	0.7	2.6	7.3	13.2	15.9
165°	0.7	2.0	5.3	9.3	12.6
167.5°	0.7	1.3	4.0	6.6	9.3
170°	0.7	1.3	2.6	4.0	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	16.7	18.0	18.8	20.0	21.3	20.6	22.0	22.7
	3H	17.4	18.6	18.0	19.3	20.1	22.7	23.9	23.3	24.6	25.3
	4H	17.8	19.0	18.5	19.7	20.4	24.0	25.2	24.7	25.9	26.6
	6H	18.0	19.1	18.7	19.8	20.6	25.4	26.5	26.0	27.2	28.0
	8H	18.1	19.1	18.7	19.8	20.6	26.1	27.1	26.8	27.8	28.6
	12H	18.0	19.1	18.7	19.8	20.6	26.8	27.8	27.5	28.5	29.4
4H	2H	17.3	18.5	17.9	19.1	19.9	20.3	21.4	20.9	22.1	22.9
	3H	18.9	19.9	19.6	20.6	21.4	23.2	24.2	23.9	24.9	25.7
	4H	19.5	20.4	20.1	21.1	21.9	24.7	25.6	25.4	26.3	27.1
	6H	19.8	20.6	20.5	21.4	22.2	26.2	27.0	26.9	27.8	28.6
	8H	19.9	20.6	20.6	21.4	22.2	27.0	27.8	27.7	28.5	29.4
	12H	19.9	20.6	20.6	21.4	22.2	27.9	28.6	28.6	29.3	30.2
8H	4H	20.4	21.2	21.1	21.9	22.8	24.8	25.6	25.5	26.3	27.2
	6H	21.0	21.6	21.7	22.4	23.2	26.5	27.2	27.2	27.9	28.8
	8H	21.1	21.7	21.9	22.5	23.4	27.4	28.0	28.1	28.8	29.6
	12H	21.2	21.8	22.0	22.5	23.4	28.4	29.0	29.2	29.7	30.6
12H	4H	20.7	21.4	21.4	22.1	23.0	24.8	25.5	25.5	26.3	27.1
	6H	21.4	22.0	22.1	22.7	23.6	26.5	27.1	27.3	27.9	28.8
	8H	21.6	22.2	22.4	22.9	23.8	27.5	28.0	28.2	28.8	29.7

(END OF REPORT)