

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: P1500504

Luminaire Tested: 2CSSV-S3C59-BN-LO-3500K

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500504
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-3500K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 1200 Lumen 3500K

Light Source:
Ballast/Driver: -

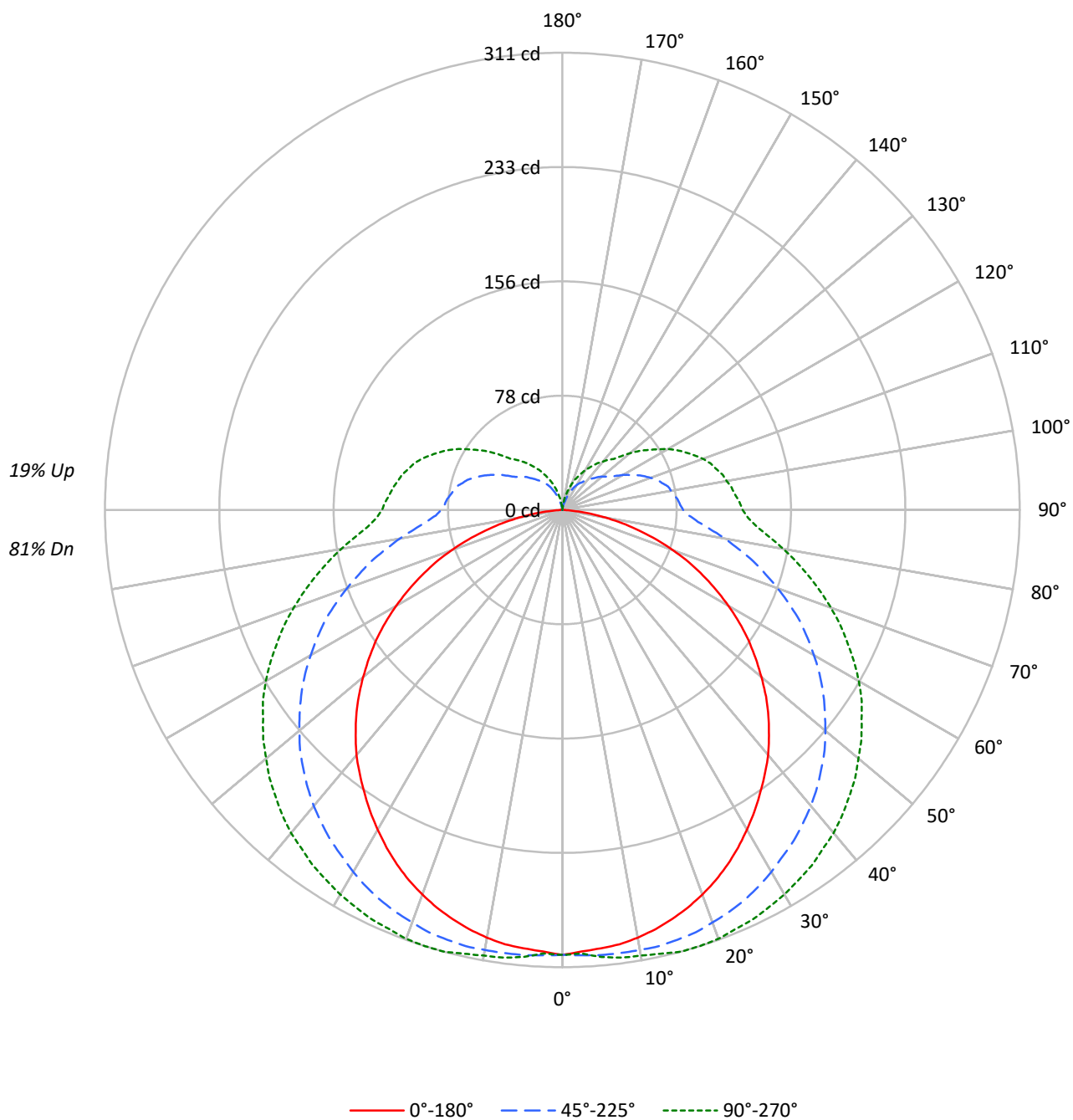
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1460.3 lumens
Efficiency: N/A
Efficacy: 107.4 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		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°	13050	13050	13050
5°	12880	12341	12149
10°	12783	11744	11458
15°	12638	11237	10951
20°	12469	10750	10444
25°	12270	10304	9966
30°	12029	9859	9531
35°	11797	9454	9147
40°	11602	9057	8782
45°	11321	8656	8410
50°	10970	8243	8044
55°	10592	7832	7691
60°	10066	7385	7349
65°	9409	6935	6941
70°	8526	6390	6537
75°	7196	5862	6106
80°	5258	5276	5681
85°	2538	4758	5294

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11321 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.0	2.0
10°-20°	85.3	5.8
20°-30°	133.9	9.2
30°-40°	169.4	11.6
40°-50°	188.4	12.9
50°-60°	188.0	12.9
60°-70°	168.6	11.5
70°-80°	132.8	9.1
80°-90°	93.4	6.4
90°-100°	76.8	5.3
100°-110°	66.2	4.5
110°-120°	50.8	3.5
120°-130°	34.3	2.3
130°-140°	21.7	1.5
140°-150°	13.3	0.9
150°-160°	6.5	0.4
160°-170°	1.8	0.1
170°-180°	0.1	0.0
0°-30°	248.2	17.0
0°-40°	417.6	28.6
0°-60°	794.0	54.4
0°-90°	1188.8	81.4
90°-120°	193.8	13.3
90°-150°	263.1	18.0
90°-180°	271.0	18.6
0°-180°	1460.3	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	303	303	303	303	303	
5°	299	304	304	304	305	28
15°	288	296	303	308	311	81
25°	266	279	293	303	307	123
35°	235	254	274	289	295	147
45°	198	221	249	269	276	153
55°	154	183	216	240	248	138
65°	106	140	178	205	214	104
75°	54	92	134	163	173	57
85°	9	50	93	123	133	12
90°	0	38	82	112	123	0
95°	0	36	79	108	118	0
105°	0	28	70	98	108	0
115°	0	19	56	84	93	0
125°	0	14	39	63	71	0
135°	0	11	31	44	49	0
145°	0	9	23	33	37	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°	302.6	302.6	302.6	302.6	302.6
2.5°	300.6	304.5	303.2	302.6	301.9
5°	299.3	303.9	303.9	304.5	305.2
7.5°	298.0	302.6	303.9	305.2	307.1
10°	295.4	301.3	303.9	306.5	307.8
12.5°	292.1	299.3	303.9	307.1	309.1
15°	288.2	296.0	302.6	308.4	311.0
17.5°	283.6	292.8	301.3	308.4	311.0
20°	278.4	288.9	298.6	306.5	310.4
22.5°	272.6	284.3	296.0	304.5	308.4
25°	266.0	279.1	292.8	302.6	307.1
27.5°	258.9	273.2	288.9	300.0	304.5
30°	251.0	266.7	284.3	296.7	301.9
32.5°	243.2	260.2	279.1	292.8	298.6
35°	234.7	253.7	274.5	288.9	295.4
37.5°	226.3	246.5	268.7	285.0	290.8
40°	217.8	238.0	262.8	279.7	286.9
42.5°	208.0	230.2	256.3	274.5	281.7
45°	198.2	221.1	249.1	268.7	275.8
47.5°	187.8	212.6	241.9	262.1	270.0
50°	176.7	202.8	233.4	255.0	262.8
52.5°	165.6	193.0	225.0	247.8	256.3
55°	154.5	182.6	216.5	240.0	248.4
57.5°	142.8	172.8	207.4	231.5	241.3
60°	130.4	161.7	197.6	223.0	232.8
62.5°	118.0	150.6	187.8	213.9	223.7
65°	105.6	139.5	178.0	204.7	213.9
67.5°	93.2	127.8	166.9	194.3	204.7
70°	80.2	116.1	155.8	184.5	194.3
72.5°	67.2	103.7	144.8	173.4	183.9
75°	54.1	91.9	134.3	163.0	173.4
77.5°	41.7	80.2	122.6	151.9	163.0
80°	29.3	69.1	112.2	141.5	152.6
82.5°	18.9	58.7	101.7	131.7	142.2
85°	9.1	49.6	92.6	122.6	133.0
87.5°	2.6	42.4	86.1	115.4	126.5
90°	0.0	38.5	82.2	111.5	122.6
92.5°	0.0	37.2	80.2	109.5	120.6
95°	0.0	36.5	78.9	107.6	118.0
97.5°	0.0	35.2	76.9	105.6	116.1
100°	0.0	33.3	75.0	103.7	113.5
102.5°	0.0	30.6	73.7	101.1	111.5
105°	0.0	28.0	70.4	98.5	108.2
107.5°	0.0	24.8	67.8	95.2	105.6
110°	0.0	21.5	63.9	91.9	101.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	20.2	60.0	88.0	97.2
115°	0.0	18.9	56.1	83.5	92.6
117.5°	0.0	18.3	51.5	78.2	88.0
120°	0.0	16.3	47.6	73.0	82.8
122.5°	0.0	15.0	43.0	67.8	76.9
125°	0.0	13.7	39.1	62.6	71.1
127.5°	0.0	12.4	37.2	57.4	65.9
130°	0.0	12.4	35.2	52.2	60.0
132.5°	0.0	11.7	33.3	46.9	54.1
135°	0.0	11.1	30.6	44.3	48.9
137.5°	0.0	10.4	28.7	41.7	46.3
140°	0.0	10.4	26.7	39.1	43.0
142.5°	0.0	9.8	24.8	36.5	40.4
145°	0.0	9.1	22.8	33.3	37.2
147.5°	0.0	8.5	21.5	30.6	33.9
150°	0.0	7.2	19.6	28.0	31.3
152.5°	0.0	5.9	17.6	25.4	28.0
155°	0.7	5.2	15.0	22.2	24.8
157.5°	0.7	3.9	12.4	19.6	22.2
160°	0.7	3.3	9.8	16.3	18.9
162.5°	0.7	2.6	7.2	13.0	15.6
165°	0.7	2.0	5.2	9.1	12.4
167.5°	0.7	1.3	3.9	6.5	9.1
170°	0.7	1.3	2.6	3.9	6.5
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	17.3	16.6	18.0	18.7	19.9	21.3	20.5	21.9	22.6
	3H	17.4	18.6	18.0	19.2	20.0	22.6	23.9	23.3	24.5	25.3
	4H	17.8	18.9	18.4	19.6	20.4	24.0	25.1	24.6	25.8	26.6
	6H	18.0	19.1	18.6	19.7	20.5	25.3	26.4	26.0	27.1	27.9
	8H	18.0	19.1	18.7	19.8	20.6	26.0	27.1	26.7	27.8	28.6
	12H	18.0	19.0	18.7	19.7	20.5	26.8	27.8	27.5	28.5	29.3
4H	2H	17.2	18.4	17.9	19.1	19.9	20.2	21.4	20.9	22.1	22.8
	3H	18.9	19.9	19.5	20.6	21.4	23.1	24.2	23.8	24.9	25.7
	4H	19.4	20.3	20.1	21.0	21.9	24.6	25.6	25.3	26.3	27.1
	6H	19.7	20.6	20.4	21.3	22.1	26.2	27.0	26.9	27.7	28.6
	8H	19.8	20.6	20.5	21.3	22.2	27.0	27.7	27.7	28.5	29.3
	12H	19.8	20.6	20.6	21.3	22.2	27.8	28.5	28.5	29.3	30.1
8H	4H	20.3	21.1	21.0	21.8	22.7	24.8	25.5	25.5	26.3	27.1
	6H	20.9	21.6	21.6	22.3	23.2	26.4	27.1	27.2	27.9	28.7
	8H	21.1	21.7	21.8	22.4	23.3	27.4	28.0	28.1	28.7	29.6
	12H	21.2	21.7	21.9	22.5	23.4	28.4	28.9	29.1	29.7	30.6
12H	4H	20.6	21.3	21.3	22.1	22.9	24.8	25.5	25.5	26.2	27.1
	6H	21.3	21.9	22.1	22.6	23.5	26.5	27.1	27.2	27.8	28.7
	8H	21.6	22.1	22.3	22.9	23.8	27.4	28.0	28.2	28.7	29.6

(END OF REPORT)