

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: P1500518

Luminaire Tested: 2CSSV-S3C59-MB-LO-3000K

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500518
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-MB-LO-3000K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Matte Blk 1200 Lumen 3000K

Light Source:
Ballast/Driver: -

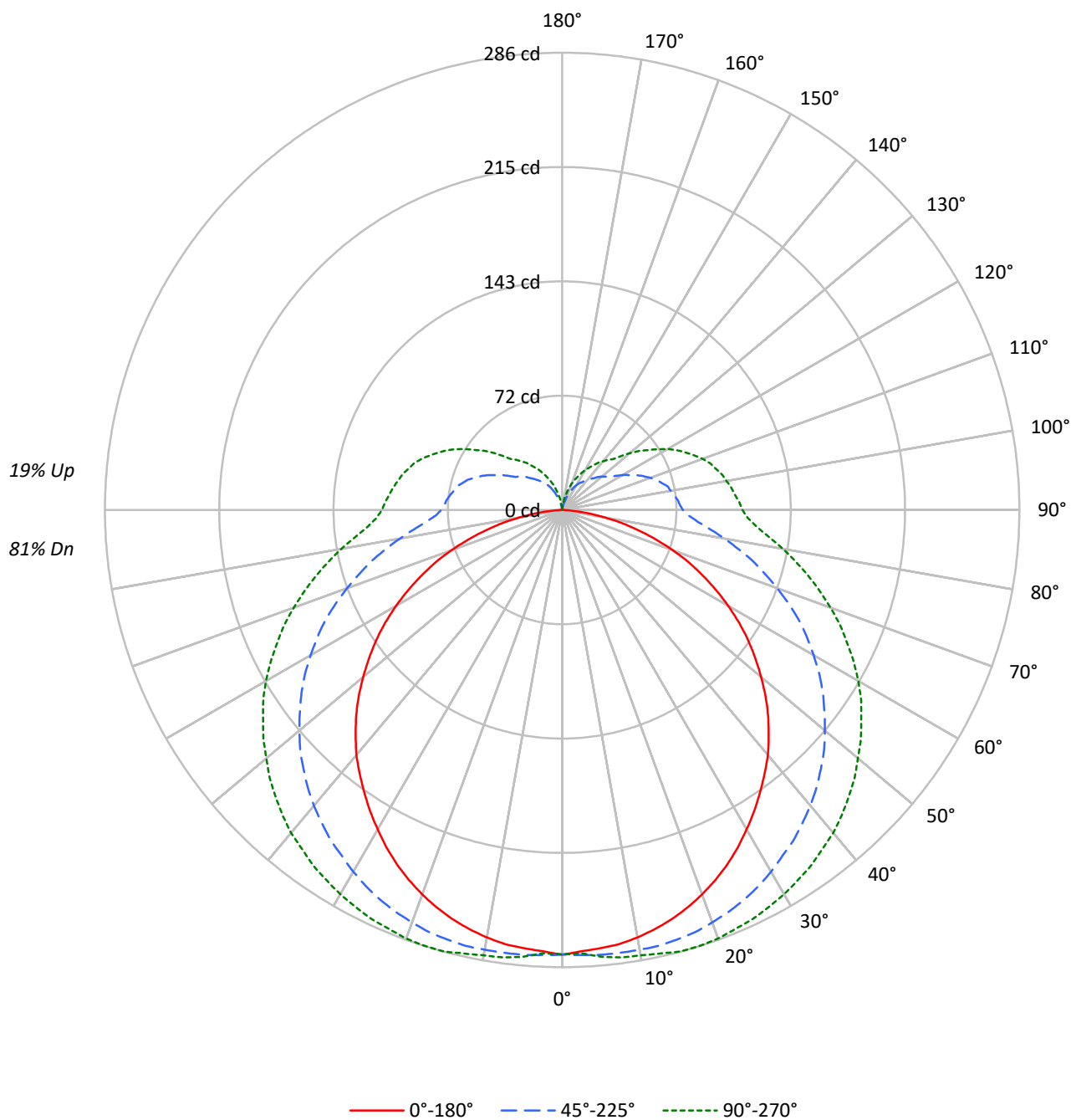
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1342.2 lumens
Efficiency: N/A
Efficacy: 98.7 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°	11993	11993	11993
5°	11839	11342	11166
10°	11749	10794	10531
15°	11616	10327	10067
20°	11461	9882	9599
25°	11278	9470	9161
30°	11056	9062	8761
35°	10842	8689	8407
40°	10664	8323	8072
45°	10407	7955	7730
50°	10082	7575	7392
55°	9735	7199	7069
60°	9256	6787	6753
65°	8652	6374	6380
70°	7835	5873	6009
75°	6611	5390	5613
80°	4845	4848	5219
85°	2343	4373	4868

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10407 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.6	2.0
10°-20°	78.4	5.8
20°-30°	123.1	9.2
30°-40°	155.7	11.6
40°-50°	173.1	12.9
50°-60°	172.8	12.9
60°-70°	155.0	11.5
70°-80°	122.1	9.1
80°-90°	85.9	6.4
90°-100°	70.6	5.3
100°-110°	60.9	4.5
110°-120°	46.6	3.5
120°-130°	31.5	2.3
130°-140°	20.0	1.5
140°-150°	12.2	0.9
150°-160°	6.0	0.4
160°-170°	1.7	0.1
170°-180°	0.1	0.0
0°-30°	228.1	17.0
0°-40°	383.8	28.6
0°-60°	729.7	54.4
0°-90°	1092.6	81.4
90°-120°	178.1	13.3
90°-150°	241.8	18.0
90°-180°	250.0	18.6
0°-180°	1342.2	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	278	278	278	278	278	
5°	275	279	279	280	280	26
15°	265	272	278	284	286	75
25°	244	256	269	278	282	113
35°	216	233	252	266	272	135
45°	182	203	229	247	254	140
55°	142	168	199	220	228	127
65°	97	128	164	188	197	96
75°	50	84	124	150	159	53
85°	8	46	85	113	122	11
90°	0	35	76	102	113	0
95°	0	34	72	99	108	0
105°	0	26	65	90	100	0
115°	0	17	52	77	85	0
125°	0	13	36	58	65	0
135°	0	10	28	41	45	0
145°	0	8	21	31	34	0
155°	1	5	14	20	23	0
165°	1	2	5	8	11	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°	278.1	278.1	278.1	278.1	278.1
2.5°	276.3	279.9	278.7	278.1	277.5
5°	275.1	279.3	279.3	279.9	280.5
7.5°	273.9	278.1	279.3	280.5	282.3
10°	271.5	276.9	279.3	281.7	282.9
12.5°	268.5	275.1	279.3	282.3	284.1
15°	264.9	272.1	278.1	283.5	285.9
17.5°	260.7	269.1	276.9	283.5	285.9
20°	255.9	265.5	274.5	281.7	285.3
22.5°	250.5	261.3	272.1	279.9	283.5
25°	244.5	256.5	269.1	278.1	282.3
27.5°	237.9	251.1	265.5	275.7	279.9
30°	230.7	245.1	261.3	272.7	277.5
32.5°	223.5	239.1	256.5	269.1	274.5
35°	215.7	233.1	252.3	265.5	271.5
37.5°	208.0	226.5	246.9	261.9	267.3
40°	200.2	218.7	241.5	257.1	263.7
42.5°	191.2	211.5	235.5	252.3	258.9
45°	182.2	203.2	228.9	246.9	253.5
47.5°	172.6	195.4	222.3	240.9	248.1
50°	162.4	186.4	214.5	234.3	241.5
52.5°	152.2	177.4	206.8	227.7	235.5
55°	142.0	167.8	199.0	220.5	228.3
57.5°	131.2	158.8	190.6	212.7	221.7
60°	119.9	148.6	181.6	205.0	213.9
62.5°	108.5	138.4	172.6	196.6	205.6
65°	97.1	128.2	163.6	188.2	196.6
67.5°	85.7	117.5	153.4	178.6	188.2
70°	73.7	106.7	143.2	169.6	178.6
72.5°	61.7	95.3	133.0	159.4	169.0
75°	49.7	84.5	123.5	149.8	159.4
77.5°	38.4	73.7	112.7	139.6	149.8
80°	27.0	63.5	103.1	130.0	140.2
82.5°	17.4	53.9	93.5	121.1	130.6
85°	8.4	45.5	85.1	112.7	122.3
87.5°	2.4	39.0	79.1	106.1	116.3
90°	0.0	35.4	75.5	102.5	112.7
92.5°	0.0	34.2	73.7	100.7	110.9
95°	0.0	33.6	72.5	98.9	108.5
97.5°	0.0	32.4	70.7	97.1	106.7
100°	0.0	30.6	68.9	95.3	104.3
102.5°	0.0	28.2	67.7	92.9	102.5
105°	0.0	25.8	64.7	90.5	99.5
107.5°	0.0	22.8	62.3	87.5	97.1
110°	0.0	19.8	58.7	84.5	93.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	18.6	55.1	80.9	89.3
115°	0.0	17.4	51.5	76.7	85.1
117.5°	0.0	16.8	47.3	71.9	80.9
120°	0.0	15.0	43.7	67.1	76.1
122.5°	0.0	13.8	39.6	62.3	70.7
125°	0.0	12.6	36.0	57.5	65.3
127.5°	0.0	11.4	34.2	52.7	60.5
130°	0.0	11.4	32.4	47.9	55.1
132.5°	0.0	10.8	30.6	43.1	49.7
135°	0.0	10.2	28.2	40.8	44.9
137.5°	0.0	9.6	26.4	38.4	42.5
140°	0.0	9.6	24.6	36.0	39.6
142.5°	0.0	9.0	22.8	33.6	37.2
145°	0.0	8.4	21.0	30.6	34.2
147.5°	0.0	7.8	19.8	28.2	31.2
150°	0.0	6.6	18.0	25.8	28.8
152.5°	0.0	5.4	16.2	23.4	25.8
155°	0.6	4.8	13.8	20.4	22.8
157.5°	0.6	3.6	11.4	18.0	20.4
160°	0.6	3.0	9.0	15.0	17.4
162.5°	0.6	2.4	6.6	12.0	14.4
165°	0.6	1.8	4.8	8.4	11.4
167.5°	0.6	1.2	3.6	6.0	8.4
170°	0.6	1.2	2.4	3.6	6.0
172.5°	0.6	0.6	1.2	2.4	1.8
175°	0.6	0.6	0.6	1.2	0.6
177.5°	0.6	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	15.7	17.1	16.3	17.7	18.4	19.6	21.0	20.2	21.6	22.3
	3H	17.1	18.3	17.7	19.0	19.7	22.3	23.6	23.0	24.2	25.0
	4H	17.5	18.7	18.1	19.3	20.1	23.7	24.9	24.3	25.5	26.3
	6H	17.7	18.8	18.3	19.5	20.3	25.0	26.1	25.7	26.8	27.6
	8H	17.7	18.8	18.4	19.5	20.3	25.7	26.8	26.4	27.5	28.3
	12H	17.7	18.7	18.4	19.4	20.2	26.5	27.5	27.2	28.2	29.0
4H	2H	16.9	18.1	17.6	18.8	19.6	19.9	21.1	20.6	21.8	22.5
	3H	18.6	19.6	19.2	20.3	21.1	22.8	23.9	23.5	24.6	25.4
	4H	19.1	20.0	19.8	20.8	21.6	24.3	25.3	25.0	26.0	26.8
	6H	19.5	20.3	20.2	21.0	21.8	25.9	26.7	26.6	27.4	28.3
	8H	19.5	20.3	20.2	21.0	21.9	26.7	27.4	27.4	28.2	29.0
	12H	19.6	20.3	20.3	21.0	21.9	27.5	28.2	28.3	29.0	29.8
8H	4H	20.1	20.8	20.8	21.6	22.4	24.5	25.2	25.2	26.0	26.8
	6H	20.6	21.3	21.3	22.0	22.9	26.1	26.8	26.9	27.6	28.4
	8H	20.8	21.4	21.5	22.2	23.0	27.1	27.7	27.8	28.4	29.3
	12H	20.9	21.4	21.6	22.2	23.1	28.1	28.6	28.8	29.4	30.3
12H	4H	20.3	21.0	21.0	21.8	22.6	24.5	25.2	25.2	25.9	26.8
	6H	21.0	21.6	21.8	22.4	23.3	26.2	26.8	26.9	27.5	28.4
	8H	21.3	21.8	22.0	22.6	23.5	27.1	27.7	27.9	28.4	29.3

(END OF REPORT)