

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: P1500497

Luminaire Tested: 2CSSV-S3C59-BN-HI-2700K

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500497
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-2700K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 2000 Lumen 2700K

Light Source:
Ballast/Driver: -

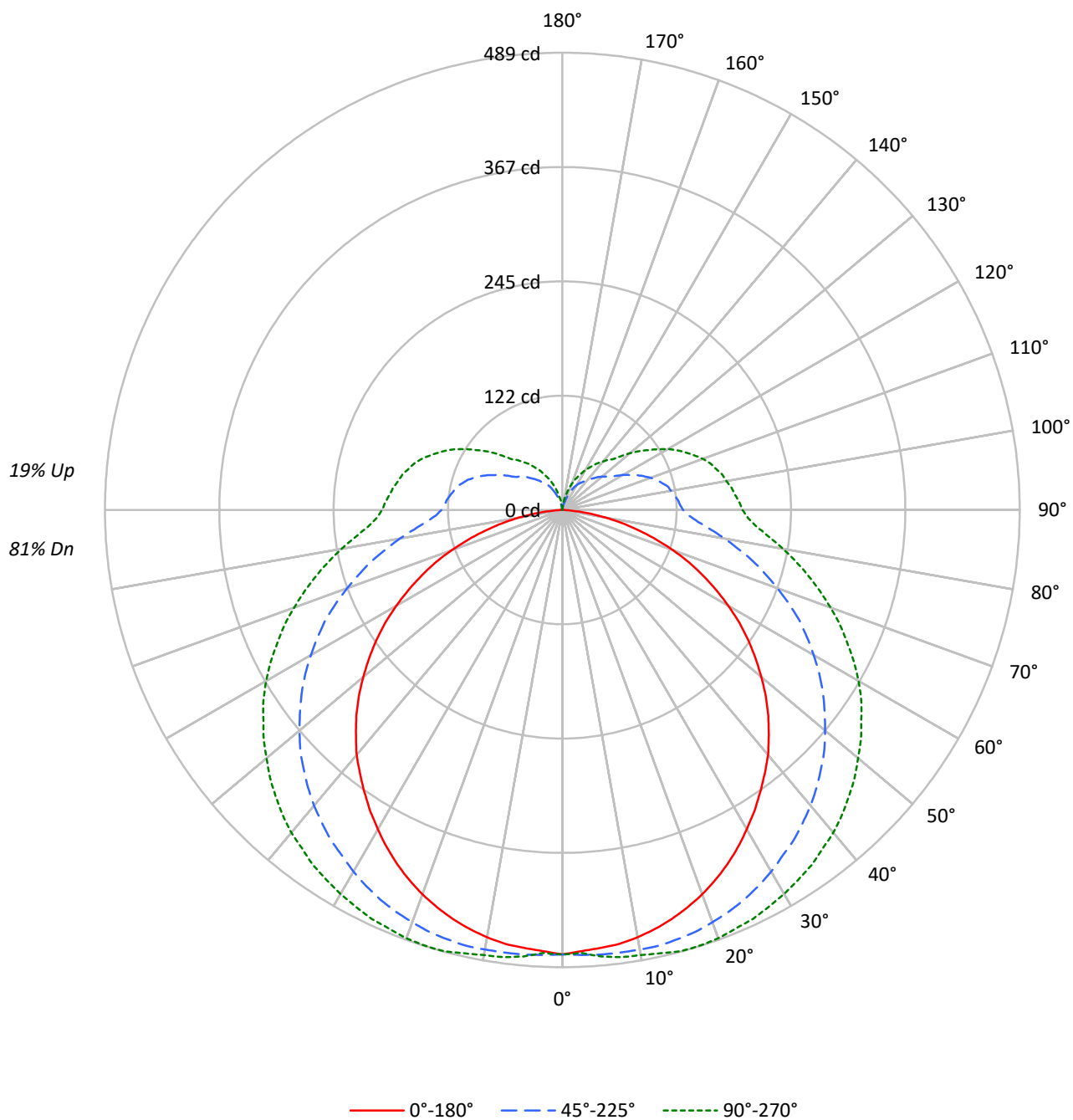
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2293.8 lumens
Efficiency: N/A
Efficacy: 94.0 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°	20497	20497	20497
5°	20231	19382	19079
10°	20079	18445	17995
15°	19851	17650	17204
20°	19591	16888	16402
25°	19276	16185	15654
30°	18896	15488	14970
35°	18532	14850	14367
40°	18223	14226	13796
45°	17787	13598	13213
50°	17234	12950	12636
55°	16639	12304	12082
60°	15810	11597	11545
65°	14782	10894	10903
70°	13395	10040	10269
75°	11306	9209	9592
80°	8272	8285	8923
85°	3989	7471	8316

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17787 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.5	2.0
10°-20°	133.9	5.8
20°-30°	210.3	9.2
30°-40°	266.1	11.6
40°-50°	295.9	12.9
50°-60°	295.3	12.9
60°-70°	264.8	11.5
70°-80°	208.6	9.1
80°-90°	146.7	6.4
90°-100°	120.6	5.3
100°-110°	104.0	4.5
110°-120°	79.7	3.5
120°-130°	53.8	2.3
130°-140°	34.1	1.5
140°-150°	20.9	0.9
150°-160°	10.2	0.4
160°-170°	2.8	0.1
170°-180°	0.2	0.0
0°-30°	389.8	17.0
0°-40°	655.9	28.6
0°-60°	1247.1	54.4
0°-90°	1867.3	81.4
90°-120°	304.4	13.3
90°-150°	413.3	18.0
90°-180°	426.0	18.6
0°-180°	2293.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	475	475	475	475	475	
5°	470	477	477	478	479	45
15°	453	465	475	484	489	128
25°	418	438	460	475	482	192
35°	369	398	431	454	464	231
45°	311	347	391	422	433	240
55°	243	287	340	377	390	217
65°	166	219	280	322	336	164
75°	85	144	211	256	272	90
85°	14	78	145	193	209	19
90°	0	60	129	175	193	1
95°	0	57	124	169	185	0
105°	0	44	111	155	170	0
115°	0	30	88	131	145	0
125°	0	22	62	98	112	0
135°	0	17	48	70	77	0
145°	0	14	36	52	58	0
155°	1	8	24	35	39	0
165°	1	3	8	14	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°	475.3	475.3	475.3	475.3	475.3
2.5°	472.2	478.3	476.3	475.3	474.2
5°	470.1	477.3	477.3	478.3	479.3
7.5°	468.1	475.3	477.3	479.3	482.4
10°	464.0	473.2	477.3	481.4	483.4
12.5°	458.9	470.1	477.3	482.4	485.5
15°	452.7	465.0	475.3	484.5	488.6
17.5°	445.5	459.9	473.2	484.5	488.6
20°	437.4	453.7	469.1	481.4	487.5
22.5°	428.1	446.6	465.0	478.3	484.5
25°	417.9	438.4	459.9	475.3	482.4
27.5°	406.6	429.2	453.7	471.2	478.3
30°	394.3	418.9	446.6	466.0	474.2
32.5°	382.0	408.7	438.4	459.9	469.1
35°	368.7	398.4	431.2	453.7	464.0
37.5°	355.4	387.2	422.0	447.6	456.8
40°	342.1	373.9	412.8	439.4	450.7
42.5°	326.7	361.6	402.5	431.2	442.5
45°	311.4	347.2	391.3	422.0	433.3
47.5°	295.0	333.9	380.0	411.7	424.0
50°	277.6	318.5	366.7	400.5	412.8
52.5°	260.2	303.2	353.4	389.2	402.5
55°	242.7	286.8	340.1	376.9	390.2
57.5°	224.3	271.4	325.7	363.6	379.0
60°	204.8	254.0	310.3	350.3	365.7
62.5°	185.4	236.6	295.0	336.0	351.3
65°	165.9	219.2	279.6	321.6	336.0
67.5°	146.5	200.8	262.2	305.2	321.6
70°	126.0	182.3	244.8	289.9	305.2
72.5°	105.5	162.9	227.4	272.4	288.8
75°	85.0	144.4	211.0	256.1	272.4
77.5°	65.6	126.0	192.6	238.6	256.1
80°	46.1	108.6	176.2	222.3	239.7
82.5°	29.7	92.2	159.8	206.9	223.3
85°	14.3	77.8	145.4	192.6	208.9
87.5°	4.1	66.6	135.2	181.3	198.7
90°	0.0	60.4	129.1	175.1	192.6
92.5°	0.0	58.4	126.0	172.1	189.5
95°	0.0	57.4	123.9	169.0	185.4
97.5°	0.0	55.3	120.9	165.9	182.3
100°	0.0	52.2	117.8	162.9	178.2
102.5°	0.0	48.1	115.7	158.8	175.1
105°	0.0	44.0	110.6	154.7	170.0
107.5°	0.0	38.9	106.5	149.5	165.9
110°	0.0	33.8	100.4	144.4	159.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	31.8	94.2	138.3	152.6
115°	0.0	29.7	88.1	131.1	145.4
117.5°	0.0	28.7	80.9	122.9	138.3
120°	0.0	25.6	74.8	114.7	130.1
122.5°	0.0	23.6	67.6	106.5	120.9
125°	0.0	21.5	61.5	98.3	111.6
127.5°	0.0	19.5	58.4	90.1	103.4
130°	0.0	19.5	55.3	81.9	94.2
132.5°	0.0	18.4	52.2	73.7	85.0
135°	0.0	17.4	48.1	69.6	76.8
137.5°	0.0	16.4	45.1	65.6	72.7
140°	0.0	16.4	42.0	61.5	67.6
142.5°	0.0	15.4	38.9	57.4	63.5
145°	0.0	14.3	35.8	52.2	58.4
147.5°	0.0	13.3	33.8	48.1	53.3
150°	0.0	11.3	30.7	44.0	49.2
152.5°	0.0	9.2	27.7	39.9	44.0
155°	1.0	8.2	23.6	34.8	38.9
157.5°	1.0	6.1	19.5	30.7	34.8
160°	1.0	5.1	15.4	25.6	29.7
162.5°	1.0	4.1	11.3	20.5	24.6
165°	1.0	3.1	8.2	14.3	19.5
167.5°	1.0	2.0	6.1	10.2	14.3
170°	1.0	2.0	4.1	6.1	10.2
172.5°	1.0	1.0	2.0	4.1	3.1
175°	1.0	1.0	1.0	2.0	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	18.9	18.2	19.6	20.3	21.5	22.8	22.1	23.5	24.2
	3H	18.9	20.2	19.6	20.8	21.6	24.2	25.5	24.8	26.1	26.9
	4H	19.3	20.5	20.0	21.2	22.0	25.5	26.7	26.2	27.4	28.2
	6H	19.5	20.6	20.2	21.3	22.1	26.9	28.0	27.6	28.7	29.5
	8H	19.6	20.6	20.2	21.3	22.1	27.6	28.7	28.3	29.4	30.2
	12H	19.6	20.6	20.2	21.3	22.1	28.3	29.4	29.0	30.1	30.9
4H	2H	18.8	20.0	19.4	20.6	21.4	21.8	23.0	22.4	23.6	24.4
	3H	20.4	21.4	21.1	22.1	22.9	24.7	25.7	25.4	26.4	27.2
	4H	21.0	21.9	21.7	22.6	23.4	26.2	27.1	26.9	27.8	28.7
	6H	21.3	22.1	22.0	22.9	23.7	27.7	28.6	28.4	29.3	30.1
	8H	21.4	22.2	22.1	22.9	23.7	28.5	29.3	29.2	30.0	30.9
	12H	21.4	22.1	22.1	22.9	23.7	29.4	30.1	30.1	30.8	31.7
8H	4H	21.9	22.7	22.6	23.4	24.3	26.3	27.1	27.0	27.8	28.7
	6H	22.5	23.1	23.2	23.9	24.8	28.0	28.7	28.7	29.4	30.3
	8H	22.6	23.2	23.4	24.0	24.9	28.9	29.5	29.7	30.3	31.2
	12H	22.8	23.3	23.5	24.0	25.0	29.9	30.5	30.7	31.2	32.2
12H	4H	22.2	22.9	22.9	23.6	24.5	26.3	27.0	27.0	27.8	28.6
	6H	22.9	23.5	23.6	24.2	25.1	28.0	28.6	28.8	29.4	30.3
	8H	23.1	23.7	23.9	24.4	25.4	29.0	29.5	29.7	30.3	31.2

(END OF REPORT)