

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: P1500502

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

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500502
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-2700K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 1200 Lumen 2700K

Light Source:
Ballast/Driver: -

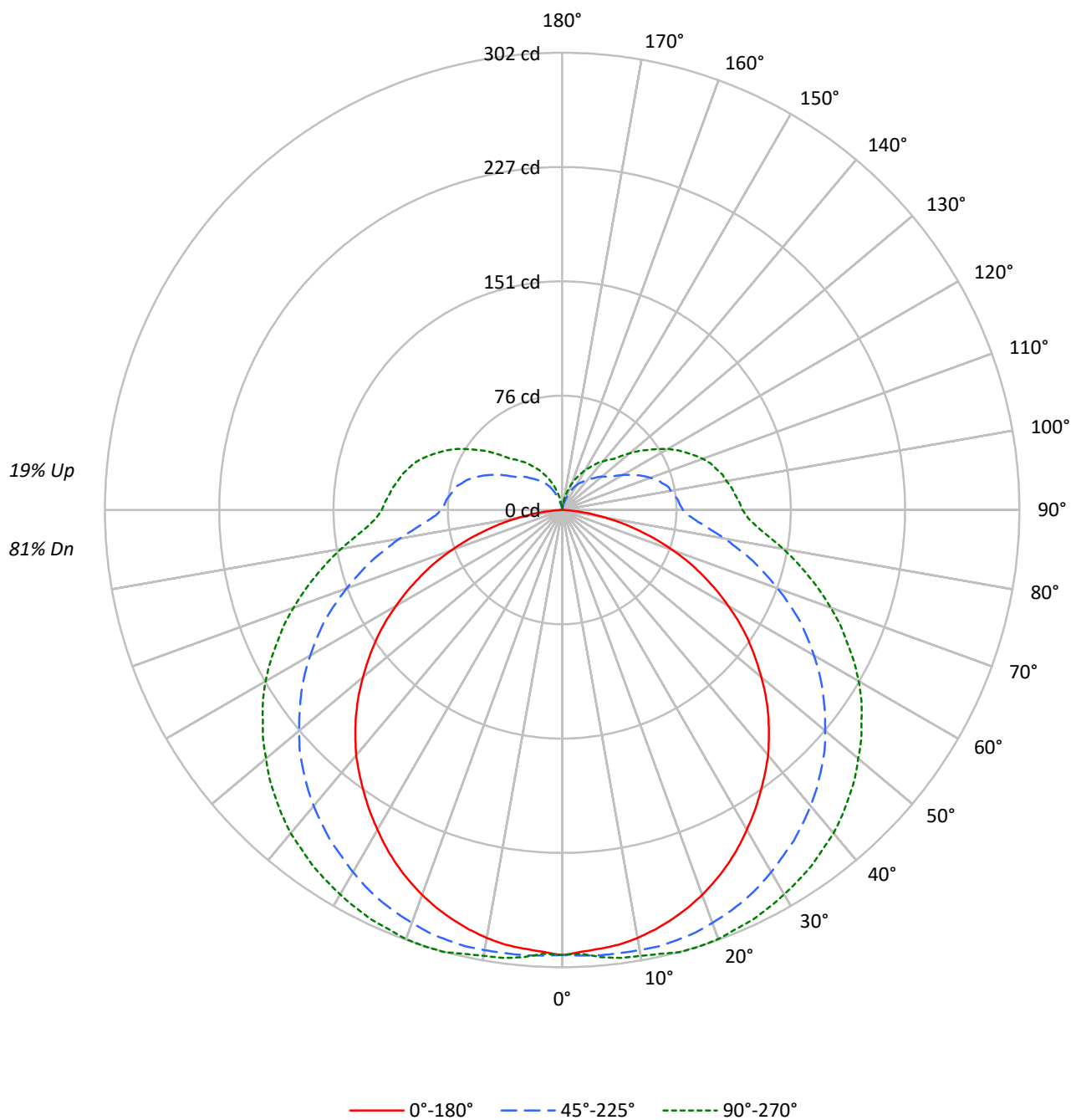
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1418.9 lumens
Efficiency: N/A
Efficacy: 105.1 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): 13.5
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

TEST NUMBER: P1500502
CATALOG NUMBER: 2CSSV-S3C59-BN-LO-2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1500502

CATALOG NUMBER: 2CSSV-S3C59-BN-LO-2700K

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			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°	12679	12679	12679
5°	12514	11987	11803
10°	12419	11408	11131
15°	12278	10917	10641
20°	12115	10447	10148
25°	11924	10012	9683
30°	11688	9579	9259
35°	11465	9185	8887
40°	11272	8798	8534
45°	11001	8410	8172
50°	10659	8009	7815
55°	10297	7608	7475
60°	9781	7176	7141
65°	9142	6740	6743
70°	8282	6209	6352
75°	6996	5696	5933
80°	5114	5125	5521
85°	2482	4625	5147

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11001 cd/sqm

TEST NUMBER: P1500502

CATALOG NUMBER: 2CSSV-S3C59-BN-LO-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.1	2.0
10°-20°	82.9	5.8
20°-30°	130.1	9.2
30°-40°	164.6	11.6
40°-50°	183.1	12.9
50°-60°	182.7	12.9
60°-70°	163.8	11.5
70°-80°	129.0	9.1
80°-90°	90.8	6.4
90°-100°	74.6	5.3
100°-110°	64.4	4.5
110°-120°	49.3	3.5
120°-130°	33.3	2.3
130°-140°	21.1	1.5
140°-150°	12.9	0.9
150°-160°	6.3	0.4
160°-170°	1.7	0.1
170°-180°	0.1	0.0
0°-30°	241.1	17.0
0°-40°	405.7	28.6
0°-60°	771.5	54.4
0°-90°	1155.1	81.4
90°-120°	188.3	13.3
90°-150°	255.6	18.0
90°-180°	264.0	18.6
0°-180°	1418.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	294	294	294	294	294	
5°	291	295	295	296	296	28
15°	280	288	294	300	302	79
25°	258	271	284	294	298	119
35°	228	246	267	281	287	143
45°	193	215	242	261	268	148
55°	150	177	210	233	241	134
65°	103	136	173	199	208	101
75°	53	89	130	158	168	56
85°	9	48	90	119	129	12
90°	0	37	80	108	119	0
95°	0	36	77	104	115	0
105°	0	27	68	96	105	0
115°	0	18	54	81	90	0
125°	0	13	38	61	69	0
135°	0	11	30	43	48	0
145°	0	9	22	32	36	0
155°	1	5	15	22	24	0
165°	1	2	5	9	12	0
175°	1	1	1	1	1	0
180°	0	0	0	0	0	0

TEST NUMBER: P1500502

CATALOG NUMBER: 2CSSV-S3C59-BN-LO-2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	294.0	294.0	294.0	294.0	294.0
2.5°	292.1	295.9	294.6	294.0	293.3
5°	290.8	295.2	295.2	295.9	296.5
7.5°	289.5	294.0	295.2	296.5	298.4
10°	287.0	292.7	295.2	297.8	299.0
12.5°	283.8	290.8	295.2	298.4	300.3
15°	280.0	287.6	294.0	299.7	302.2
17.5°	275.6	284.5	292.7	299.7	302.2
20°	270.5	280.7	290.2	297.8	301.6
22.5°	264.8	276.2	287.6	295.9	299.7
25°	258.5	271.2	284.5	294.0	298.4
27.5°	251.5	265.5	280.7	291.4	295.9
30°	243.9	259.1	276.2	288.3	293.3
32.5°	236.3	252.8	271.2	284.5	290.2
35°	228.1	246.5	266.7	280.7	287.0
37.5°	219.9	239.5	261.0	276.9	282.6
40°	211.6	231.3	255.3	271.8	278.8
42.5°	202.1	223.7	249.0	266.7	273.7
45°	192.6	214.8	242.0	261.0	268.0
47.5°	182.5	206.5	235.1	254.7	262.3
50°	171.7	197.0	226.8	247.7	255.3
52.5°	160.9	187.5	218.6	240.8	249.0
55°	150.2	177.4	210.3	233.2	241.4
57.5°	138.8	167.9	201.5	224.9	234.4
60°	126.7	157.1	192.0	216.7	226.2
62.5°	114.7	146.4	182.5	207.8	217.3
65°	102.6	135.6	173.0	198.9	207.8
67.5°	90.6	124.2	162.2	188.8	198.9
70°	77.9	112.8	151.4	179.3	188.8
72.5°	65.3	100.7	140.7	168.5	178.7
75°	52.6	89.3	130.5	158.4	168.5
77.5°	40.5	77.9	119.1	147.6	158.4
80°	28.5	67.2	109.0	137.5	148.3
82.5°	18.4	57.0	98.8	128.0	138.1
85°	8.9	48.2	90.0	119.1	129.3
87.5°	2.5	41.2	83.6	112.1	122.9
90°	0.0	37.4	79.8	108.3	119.1
92.5°	0.0	36.1	77.9	106.4	117.2
95°	0.0	35.5	76.7	104.5	114.7
97.5°	0.0	34.2	74.8	102.6	112.8
100°	0.0	32.3	72.9	100.7	110.2
102.5°	0.0	29.8	71.6	98.2	108.3
105°	0.0	27.2	68.4	95.7	105.2
107.5°	0.0	24.1	65.9	92.5	102.6
110°	0.0	20.9	62.1	89.3	98.8

TEST NUMBER: P1500502

CATALOG NUMBER: 2CSSV-S3C59-BN-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	19.6	58.3	85.5	94.4
115°	0.0	18.4	54.5	81.1	90.0
117.5°	0.0	17.7	50.1	76.0	85.5
120°	0.0	15.8	46.3	71.0	80.5
122.5°	0.0	14.6	41.8	65.9	74.8
125°	0.0	13.3	38.0	60.8	69.1
127.5°	0.0	12.0	36.1	55.8	64.0
130°	0.0	12.0	34.2	50.7	58.3
132.5°	0.0	11.4	32.3	45.6	52.6
135°	0.0	10.8	29.8	43.1	47.5
137.5°	0.0	10.1	27.9	40.5	45.0
140°	0.0	10.1	26.0	38.0	41.8
142.5°	0.0	9.5	24.1	35.5	39.3
145°	0.0	8.9	22.2	32.3	36.1
147.5°	0.0	8.2	20.9	29.8	32.9
150°	0.0	7.0	19.0	27.2	30.4
152.5°	0.0	5.7	17.1	24.7	27.2
155°	0.6	5.1	14.6	21.5	24.1
157.5°	0.6	3.8	12.0	19.0	21.5
160°	0.6	3.2	9.5	15.8	18.4
162.5°	0.6	2.5	7.0	12.7	15.2
165°	0.6	1.9	5.1	8.9	12.0
167.5°	0.6	1.3	3.8	6.3	8.9
170°	0.6	1.3	2.5	3.8	6.3
172.5°	0.6	0.6	1.3	2.5	1.9
175°	0.6	0.6	0.6	1.3	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

TEST NUMBER: P1500502
CATALOG NUMBER: 2CSSV-S3C59-BN-LO-2700K

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	15.9	17.2	16.5	17.9	18.6	19.8	21.2	20.4	21.8	22.5
	3H	17.3	18.5	17.9	19.1	19.9	22.5	23.8	23.2	24.4	25.2
	4H	17.7	18.8	18.3	19.5	20.3	23.9	25.0	24.5	25.7	26.5
	6H	17.9	19.0	18.5	19.6	20.4	25.2	26.3	25.9	27.0	27.8
	8H	17.9	19.0	18.6	19.7	20.5	25.9	27.0	26.6	27.7	28.5
	12H	17.9	18.9	18.6	19.6	20.4	26.7	27.7	27.4	28.4	29.2
4H	2H	17.1	18.3	17.8	19.0	19.8	20.1	21.3	20.8	22.0	22.7
	3H	18.8	19.8	19.4	20.5	21.3	23.0	24.1	23.7	24.8	25.6
	4H	19.3	20.2	20.0	20.9	21.8	24.5	25.5	25.2	26.2	27.0
	6H	19.6	20.5	20.3	21.2	22.0	26.1	26.9	26.8	27.6	28.5
	8H	19.7	20.5	20.4	21.2	22.1	26.9	27.6	27.6	28.4	29.2
	12H	19.7	20.5	20.5	21.2	22.1	27.7	28.4	28.4	29.2	30.0
8H	4H	20.2	21.0	21.0	21.8	22.6	24.7	25.4	25.4	26.2	27.0
	6H	20.8	21.5	21.5	22.2	23.1	26.3	27.0	27.1	27.8	28.6
	8H	21.0	21.6	21.7	22.3	23.2	27.3	27.9	28.0	28.6	29.5
	12H	21.1	21.6	21.8	22.4	23.3	28.3	28.8	29.0	29.6	30.5
12H	4H	20.5	21.2	21.2	22.0	22.8	24.7	25.4	25.4	26.1	27.0
	6H	21.2	21.8	22.0	22.5	23.4	26.4	27.0	27.1	27.7	28.6
	8H	21.5	22.0	22.2	22.8	23.7	27.3	27.9	28.1	28.6	29.5

(END OF REPORT)