

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: P1500511

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

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500511
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-MED-5000K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 1600 Lumen 5000K

Light Source:
Ballast/Driver: -

Summary

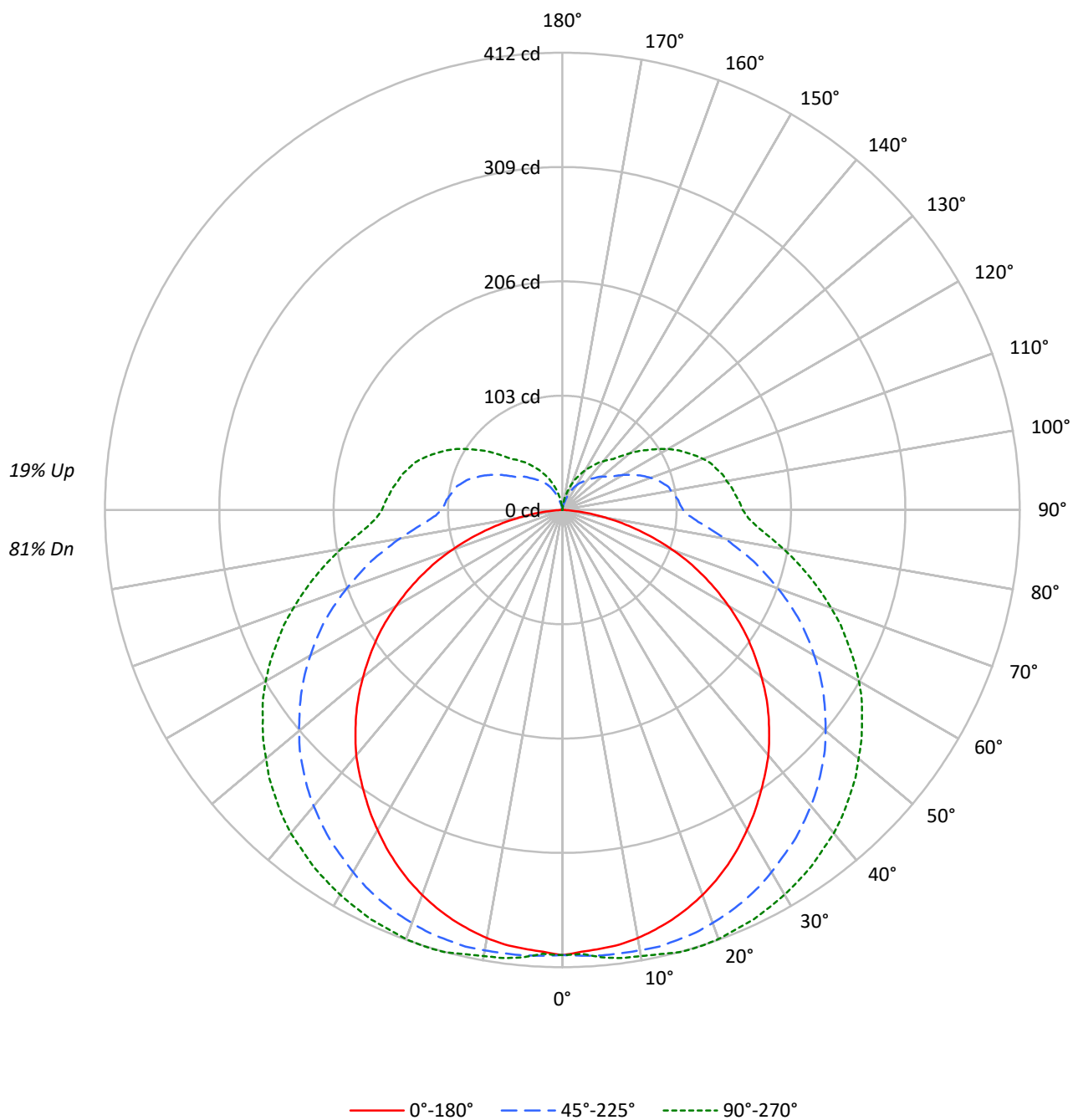
Lumens per Lamp: N/A
Luminaire Lumens: 1936.1 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.49 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.13' x L: 1.92' x H: 0.13')
CIE Type: Semi-Direct

Input Watts (W): 18.6
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

TEST NUMBER: P1500511

CATALOG NUMBER: 2CSSV-S3C59-BN-MED-5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1500511

CATALOG NUMBER: 2CSSV-S3C59-BN-MED-5000K

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°	17297	17297	17297
5°	17076	16361	16106
10°	16946	15570	15192
15°	16755	14894	14521
20°	16536	14256	13845
25°	16269	13662	13214
30°	15949	13071	12637
35°	15642	12536	12126
40°	15384	12007	11644
45°	15011	11475	11152
50°	14546	10930	10665
55°	14047	10383	10200
60°	13347	9792	9742
65°	12483	9195	9203
70°	11301	8473	8667
75°	9550	7773	8099
80°	6980	6992	7531
85°	3375	6310	7022

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15011 cd/sqm

TEST NUMBER: P1500511

CATALOG NUMBER: 2CSSV-S3C59-BN-MED-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.4	2.0
10°-20°	113.1	5.8
20°-30°	177.5	9.2
30°-40°	224.6	11.6
40°-50°	249.8	12.9
50°-60°	249.2	12.9
60°-70°	223.5	11.5
70°-80°	176.1	9.1
80°-90°	123.8	6.4
90°-100°	101.8	5.3
100°-110°	87.8	4.5
110°-120°	67.3	3.5
120°-130°	45.4	2.3
130°-140°	28.8	1.5
140°-150°	17.6	0.9
150°-160°	8.6	0.4
160°-170°	2.4	0.1
170°-180°	0.2	0.0
0°-30°	329.0	17.0
0°-40°	553.6	28.6
0°-60°	1052.7	54.4
0°-90°	1576.1	81.4
90°-120°	256.9	13.3
90°-150°	348.8	18.0
90°-180°	360.0	18.6
0°-180°	1936.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	401	401	401	401	401	
5°	397	403	403	404	405	38
15°	382	392	401	409	412	108
25°	353	370	388	401	407	162
35°	311	336	364	383	392	195
45°	263	293	330	356	366	203
55°	205	242	287	318	329	183
65°	140	185	236	272	284	138
75°	72	122	178	216	230	76
85°	12	66	123	162	176	16
90°	0	51	109	148	162	0
95°	0	48	105	143	156	0
105°	0	37	93	130	144	0
115°	0	25	74	111	123	0
125°	0	18	52	83	94	0
135°	0	15	41	59	65	0
145°	0	12	30	44	49	0
155°	1	7	20	29	33	0
165°	1	3	7	12	16	0
175°	1	1	1	2	1	0
180°	0	0	0	0	0	0

TEST NUMBER: P1500511

CATALOG NUMBER: 2CSSV-S3C59-BN-MED-5000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	401.1	401.1	401.1	401.1	401.1
2.5°	398.5	403.7	402.0	401.1	400.3
5°	396.8	402.9	402.9	403.7	404.6
7.5°	395.1	401.1	402.9	404.6	407.2
10°	391.6	399.4	402.9	406.3	408.1
12.5°	387.3	396.8	402.9	407.2	409.8
15°	382.1	392.5	401.1	408.9	412.4
17.5°	376.1	388.2	399.4	408.9	412.4
20°	369.2	383.0	396.0	406.3	411.5
22.5°	361.4	376.9	392.5	403.7	408.9
25°	352.7	370.0	388.2	401.1	407.2
27.5°	343.2	362.2	383.0	397.7	403.7
30°	332.8	353.6	376.9	393.4	400.3
32.5°	322.5	344.9	370.0	388.2	396.0
35°	311.2	336.3	364.0	383.0	391.6
37.5°	300.0	326.8	356.2	377.8	385.6
40°	288.8	315.6	348.4	370.9	380.4
42.5°	275.8	305.2	339.8	364.0	373.5
45°	262.8	293.1	330.2	356.2	365.7
47.5°	249.0	281.8	320.7	347.5	357.9
50°	234.3	268.9	309.5	338.0	348.4
52.5°	219.6	255.9	298.3	328.5	339.8
55°	204.9	242.1	287.0	318.1	329.4
57.5°	189.3	229.1	274.9	306.9	319.9
60°	172.9	214.4	262.0	295.7	308.6
62.5°	156.5	199.7	249.0	283.6	296.5
65°	140.1	185.0	236.0	271.5	283.6
67.5°	123.6	169.4	221.3	257.6	271.5
70°	106.3	153.9	206.6	244.7	257.6
72.5°	89.0	137.5	191.9	230.0	243.8
75°	71.8	121.9	178.1	216.1	230.0
77.5°	55.3	106.3	162.5	201.4	216.1
80°	38.9	91.6	148.7	187.6	202.3
82.5°	25.1	77.8	134.9	174.6	188.5
85°	12.1	65.7	122.8	162.5	176.4
87.5°	3.5	56.2	114.1	153.0	167.7
90°	0.0	51.0	108.9	147.8	162.5
92.5°	0.0	49.3	106.3	145.2	159.9
95°	0.0	48.4	104.6	142.6	156.5
97.5°	0.0	46.7	102.0	140.1	153.9
100°	0.0	44.1	99.4	137.5	150.4
102.5°	0.0	40.6	97.7	134.0	147.8
105°	0.0	37.2	93.4	130.5	143.5
107.5°	0.0	32.9	89.9	126.2	140.1
110°	0.0	28.5	84.7	121.9	134.9

TEST NUMBER: P1500511

CATALOG NUMBER: 2CSSV-S3C59-BN-MED-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	26.8	79.5	116.7	128.8
115°	0.0	25.1	74.3	110.7	122.8
117.5°	0.0	24.2	68.3	103.7	116.7
120°	0.0	21.6	63.1	96.8	109.8
122.5°	0.0	19.9	57.1	89.9	102.0
125°	0.0	18.2	51.9	83.0	94.2
127.5°	0.0	16.4	49.3	76.1	87.3
130°	0.0	16.4	46.7	69.2	79.5
132.5°	0.0	15.6	44.1	62.2	71.8
135°	0.0	14.7	40.6	58.8	64.8
137.5°	0.0	13.8	38.0	55.3	61.4
140°	0.0	13.8	35.4	51.9	57.1
142.5°	0.0	13.0	32.9	48.4	53.6
145°	0.0	12.1	30.3	44.1	49.3
147.5°	0.0	11.2	28.5	40.6	45.0
150°	0.0	9.5	25.9	37.2	41.5
152.5°	0.0	7.8	23.3	33.7	37.2
155°	0.9	6.9	19.9	29.4	32.9
157.5°	0.9	5.2	16.4	25.9	29.4
160°	0.9	4.3	13.0	21.6	25.1
162.5°	0.9	3.5	9.5	17.3	20.7
165°	0.9	2.6	6.9	12.1	16.4
167.5°	0.9	1.7	5.2	8.6	12.1
170°	0.9	1.7	3.5	5.2	8.6
172.5°	0.9	0.9	1.7	3.5	2.6
175°	0.9	0.9	0.9	1.7	0.9
177.5°	0.9	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1500511

CATALOG NUMBER: 2CSSV-S3C59-BN-MED-5000K

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	17.0	18.3	17.6	19.0	19.7	20.9	22.2	21.5	22.9	23.6
	3H	18.3	19.6	19.0	20.2	21.0	23.6	24.9	24.2	25.5	26.3
	4H	18.7	19.9	19.4	20.6	21.4	24.9	26.1	25.6	26.8	27.6
	6H	19.0	20.1	19.6	20.7	21.5	26.3	27.4	27.0	28.1	28.9
	8H	19.0	20.0	19.7	20.7	21.5	27.0	28.1	27.7	28.8	29.6
	12H	19.0	20.0	19.7	20.7	21.5	27.8	28.8	28.4	29.5	30.3
4H	2H	18.2	19.4	18.9	20.1	20.8	21.2	22.4	21.8	23.0	23.8
	3H	19.8	20.8	20.5	21.5	22.3	24.1	25.1	24.8	25.8	26.6
	4H	20.4	21.3	21.1	22.0	22.9	25.6	26.5	26.3	27.2	28.1
	6H	20.7	21.6	21.4	22.3	23.1	27.1	28.0	27.8	28.7	29.5
	8H	20.8	21.6	21.5	22.3	23.2	27.9	28.7	28.6	29.4	30.3
	12H	20.8	21.5	21.6	22.3	23.1	28.8	29.5	29.5	30.3	31.1
8H	4H	21.3	22.1	22.0	22.8	23.7	25.7	26.5	26.4	27.2	28.1
	6H	21.9	22.5	22.6	23.3	24.2	27.4	28.1	28.2	28.9	29.7
	8H	22.1	22.7	22.8	23.4	24.3	28.3	28.9	29.1	29.7	30.6
	12H	22.2	22.7	22.9	23.5	24.4	29.4	29.9	30.1	30.7	31.6
12H	4H	21.6	22.3	22.3	23.0	23.9	25.7	26.4	26.5	27.2	28.0
	6H	22.3	22.9	23.0	23.6	24.5	27.4	28.0	28.2	28.8	29.7
	8H	22.6	23.1	23.3	23.8	24.8	28.4	28.9	29.2	29.7	30.6

(END OF REPORT)