

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: P1500503

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

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500503
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-3000K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 1200 Lumen 3000K

Light Source:
Ballast/Driver: -

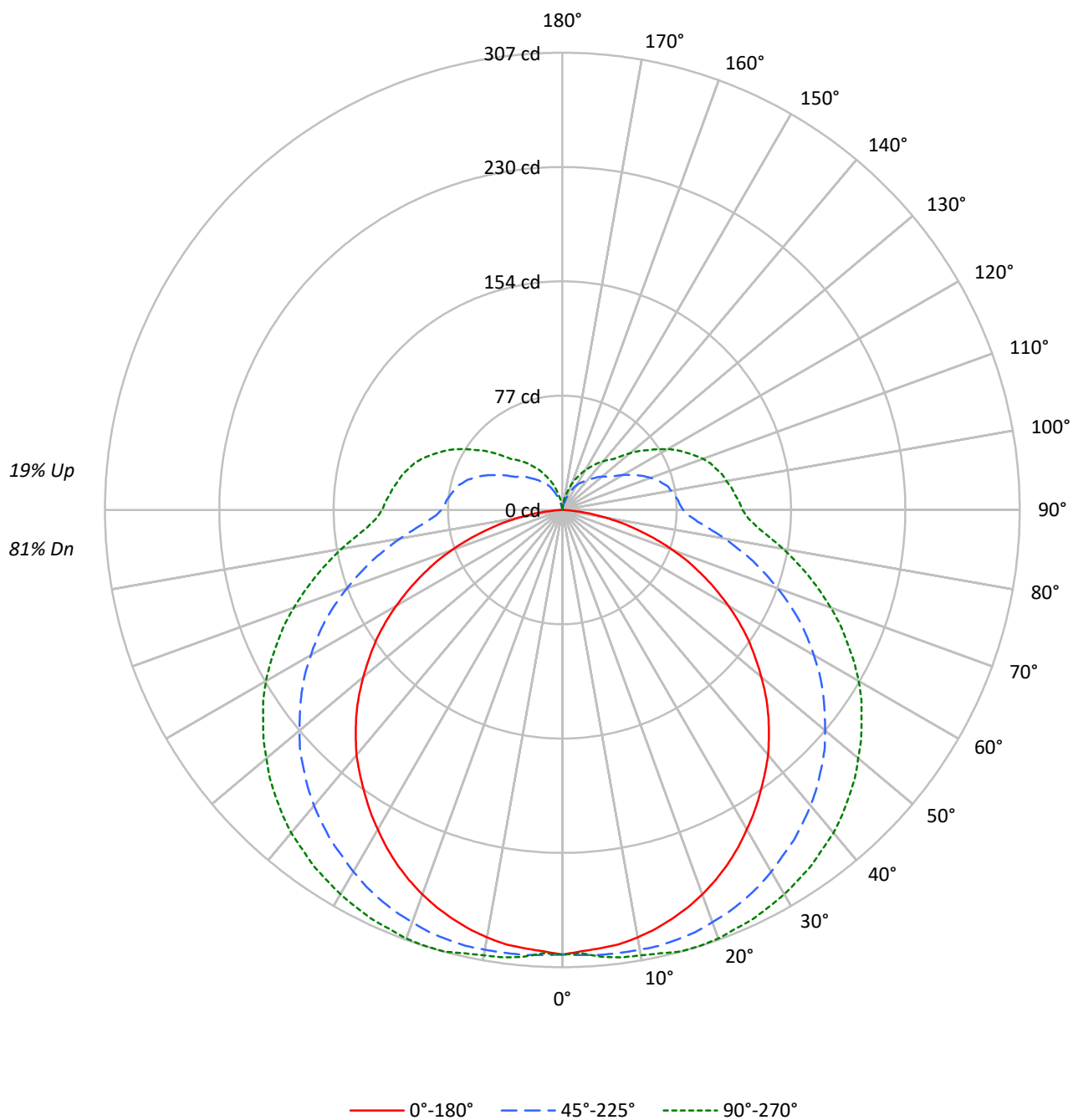
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1440.7 lumens
Efficiency: N/A
Efficacy: 105.9 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°	12873	12873	12873
5°	12708	12174	11986
10°	12610	11586	11302
15°	12467	11084	10806
20°	12303	10606	10302
25°	12108	10164	9833
30°	11870	9728	9405
35°	11641	9326	9023
40°	11447	8936	8666
45°	11173	8538	8297
50°	10821	8133	7937
55°	10455	7728	7589
60°	9935	7284	7252
65°	9285	6842	6847
70°	8409	6308	6450
75°	7103	5783	6025
80°	5186	5205	5603
85°	2510	4696	5223

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11173 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.6	2.0
10°-20°	84.1	5.8
20°-30°	132.1	9.2
30°-40°	167.1	11.6
40°-50°	185.9	12.9
50°-60°	185.5	12.9
60°-70°	166.3	11.5
70°-80°	131.0	9.1
80°-90°	92.2	6.4
90°-100°	75.8	5.3
100°-110°	65.3	4.5
110°-120°	50.1	3.5
120°-130°	33.8	2.3
130°-140°	21.4	1.5
140°-150°	13.1	0.9
150°-160°	6.4	0.4
160°-170°	1.8	0.1
170°-180°	0.1	0.0
0°-30°	244.8	17.0
0°-40°	412.0	28.6
0°-60°	783.3	54.4
0°-90°	1172.8	81.4
90°-120°	191.2	13.3
90°-150°	259.5	18.0
90°-180°	268.0	18.6
0°-180°	1440.7	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	298	298	298	298	298	
5°	295	300	300	300	301	28
15°	284	292	298	304	307	80
25°	262	275	289	298	303	121
35°	232	250	271	285	291	145
45°	196	218	246	265	272	151
55°	152	180	214	237	245	136
65°	104	138	176	202	211	103
75°	53	91	132	161	171	57
85°	9	49	91	121	131	12
90°	0	38	81	110	121	0
95°	0	36	78	106	116	0
105°	0	28	70	97	107	0
115°	0	19	55	82	91	0
125°	0	14	39	62	70	0
135°	0	11	30	44	48	0
145°	0	9	22	33	37	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

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	298.5	298.5	298.5	298.5	298.5
2.5°	296.6	300.4	299.1	298.5	297.9
5°	295.3	299.8	299.8	300.4	301.1
7.5°	294.0	298.5	299.8	301.1	303.0
10°	291.4	297.2	299.8	302.4	303.6
12.5°	288.2	295.3	299.8	303.0	304.9
15°	284.3	292.1	298.5	304.3	306.9
17.5°	279.8	288.8	297.2	304.3	306.9
20°	274.7	285.0	294.6	302.4	306.2
22.5°	268.9	280.5	292.1	300.4	304.3
25°	262.5	275.3	288.8	298.5	303.0
27.5°	255.4	269.5	285.0	295.9	300.4
30°	247.7	263.1	280.5	292.7	297.9
32.5°	240.0	256.7	275.3	288.8	294.6
35°	231.6	250.2	270.8	285.0	291.4
37.5°	223.2	243.2	265.0	281.1	286.9
40°	214.9	234.8	259.3	276.0	283.1
42.5°	205.2	227.1	252.8	270.8	277.9
45°	195.6	218.1	245.7	265.0	272.1
47.5°	185.3	209.7	238.7	258.6	266.3
50°	174.3	200.1	230.3	251.5	259.3
52.5°	163.4	190.4	221.9	244.5	252.8
55°	152.5	180.1	213.6	236.7	245.1
57.5°	140.9	170.5	204.6	228.4	238.0
60°	128.7	159.5	194.9	220.0	229.7
62.5°	116.4	148.6	185.3	211.0	220.7
65°	104.2	137.7	175.6	202.0	211.0
67.5°	92.0	126.1	164.7	191.7	202.0
70°	79.1	114.5	153.8	182.1	191.7
72.5°	66.3	102.3	142.8	171.1	181.4
75°	53.4	90.7	132.5	160.8	171.1
77.5°	41.2	79.1	120.9	149.9	160.8
80°	28.9	68.2	110.7	139.6	150.5
82.5°	18.7	57.9	100.4	129.9	140.2
85°	9.0	48.9	91.4	120.9	131.2
87.5°	2.6	41.8	84.9	113.9	124.8
90°	0.0	38.0	81.1	110.0	120.9
92.5°	0.0	36.7	79.1	108.1	119.0
95°	0.0	36.0	77.8	106.1	116.4
97.5°	0.0	34.7	75.9	104.2	114.5
100°	0.0	32.8	74.0	102.3	111.9
102.5°	0.0	30.2	72.7	99.7	110.0
105°	0.0	27.7	69.5	97.1	106.8
107.5°	0.0	24.4	66.9	93.9	104.2
110°	0.0	21.2	63.0	90.7	100.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	19.9	59.2	86.8	95.9
115°	0.0	18.7	55.3	82.3	91.4
117.5°	0.0	18.0	50.8	77.2	86.8
120°	0.0	16.1	47.0	72.1	81.7
122.5°	0.0	14.8	42.5	66.9	75.9
125°	0.0	13.5	38.6	61.8	70.1
127.5°	0.0	12.2	36.7	56.6	65.0
130°	0.0	12.2	34.7	51.5	59.2
132.5°	0.0	11.6	32.8	46.3	53.4
135°	0.0	10.9	30.2	43.7	48.2
137.5°	0.0	10.3	28.3	41.2	45.7
140°	0.0	10.3	26.4	38.6	42.5
142.5°	0.0	9.6	24.4	36.0	39.9
145°	0.0	9.0	22.5	32.8	36.7
147.5°	0.0	8.4	21.2	30.2	33.5
150°	0.0	7.1	19.3	27.7	30.9
152.5°	0.0	5.8	17.4	25.1	27.7
155°	0.6	5.1	14.8	21.9	24.4
157.5°	0.6	3.9	12.2	19.3	21.9
160°	0.6	3.2	9.6	16.1	18.7
162.5°	0.6	2.6	7.1	12.9	15.4
165°	0.6	1.9	5.1	9.0	12.2
167.5°	0.6	1.3	3.9	6.4	9.0
170°	0.6	1.3	2.6	3.9	6.4
172.5°	0.6	0.6	1.3	2.6	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

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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	15.9	17.3	16.6	17.9	18.7	19.9	21.2	20.5	21.9	22.6
	3H	17.3	18.6	17.9	19.2	20.0	22.6	23.8	23.2	24.5	25.3
	4H	17.7	18.9	18.4	19.6	20.3	23.9	25.1	24.6	25.8	26.5
	6H	17.9	19.0	18.6	19.7	20.5	25.3	26.4	26.0	27.1	27.9
	8H	18.0	19.0	18.6	19.7	20.5	26.0	27.0	26.7	27.7	28.5
	12H	18.0	19.0	18.6	19.7	20.5	26.7	27.7	27.4	28.4	29.3
4H	2H	17.2	18.4	17.8	19.0	19.8	20.2	21.4	20.8	22.0	22.8
	3H	18.8	19.8	19.5	20.5	21.3	23.1	24.1	23.8	24.8	25.6
	4H	19.4	20.3	20.0	21.0	21.8	24.6	25.5	25.3	26.2	27.0
	6H	19.7	20.5	20.4	21.3	22.1	26.1	26.9	26.8	27.7	28.5
	8H	19.8	20.6	20.5	21.3	22.1	26.9	27.7	27.6	28.4	29.3
	12H	19.8	20.5	20.5	21.3	22.1	27.8	28.5	28.5	29.2	30.1
8H	4H	20.3	21.1	21.0	21.8	22.7	24.7	25.5	25.4	26.2	27.1
	6H	20.9	21.5	21.6	22.3	23.1	26.4	27.1	27.1	27.8	28.7
	8H	21.0	21.6	21.8	22.4	23.3	27.3	27.9	28.1	28.7	29.5
	12H	21.1	21.7	21.9	22.4	23.4	28.3	28.9	29.1	29.6	30.5
12H	4H	20.6	21.3	21.3	22.0	22.9	24.7	25.4	25.4	26.2	27.0
	6H	21.3	21.9	22.0	22.6	23.5	26.4	27.0	27.2	27.8	28.7
	8H	21.5	22.1	22.3	22.8	23.7	27.4	27.9	28.1	28.7	29.6

(END OF REPORT)