

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: P1500508

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

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500508
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-3000K
Description: 2' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 1600 Lumen 3000K

Light Source:
Ballast/Driver: -

Summary

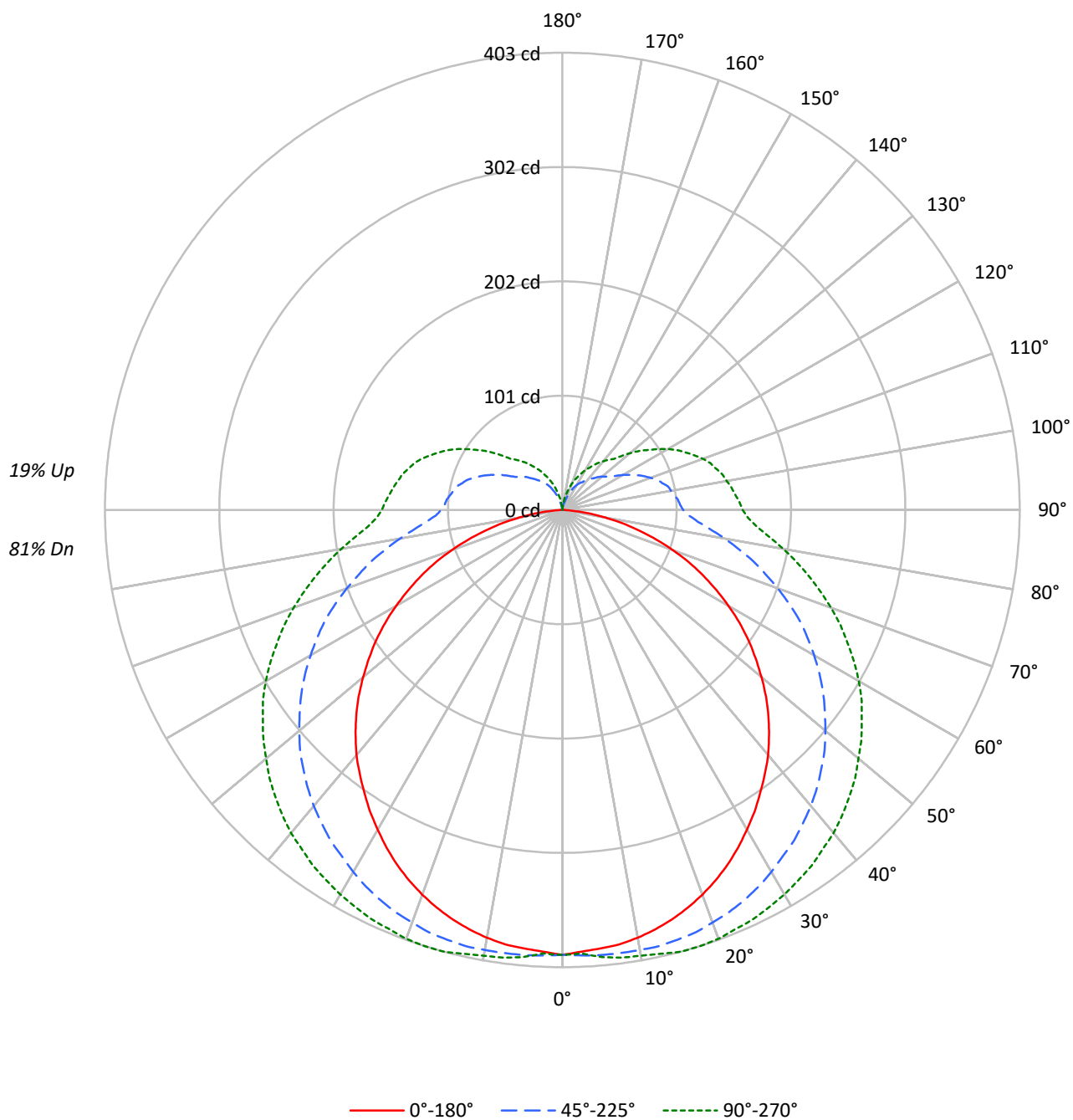
Lumens per Lamp: N/A
Luminaire Lumens: 1892.5 lumens
Efficiency: N/A
Efficacy: 101.7 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.49 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.13' x L: 1.92' x H: 0.13')
CIE Type: Semi-Direct

Input Watts (W): 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

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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°	16909	16909	16909
5°	16693	15991	15744
10°	16565	15219	14849
15°	16378	14560	14194
20°	16160	13932	13532
25°	15904	13352	12915
30°	15589	12776	12353
35°	15290	12254	11853
40°	15032	11738	11381
45°	14674	11218	10902
50°	14216	10683	10426
55°	13732	10151	9970
60°	13046	9572	9525
65°	12198	8988	8995
70°	11046	8285	8472
75°	9324	7599	7915
80°	6819	6832	7360
85°	3291	6166	6863

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14674 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.5	2.0
10°-20°	110.5	5.8
20°-30°	173.5	9.2
30°-40°	219.6	11.6
40°-50°	244.2	12.9
50°-60°	243.6	12.9
60°-70°	218.5	11.5
70°-80°	172.1	9.1
80°-90°	121.1	6.4
90°-100°	99.5	5.3
100°-110°	85.9	4.5
110°-120°	65.8	3.5
120°-130°	44.4	2.3
130°-140°	28.2	1.5
140°-150°	17.2	0.9
150°-160°	8.4	0.4
160°-170°	2.3	0.1
170°-180°	0.2	0.0
0°-30°	321.6	17.0
0°-40°	541.2	28.6
0°-60°	1029.0	54.4
0°-90°	1540.6	81.4
90°-120°	251.2	13.3
90°-150°	341.0	18.0
90°-180°	352.0	18.6
0°-180°	1892.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	392	392	392	392	392	
5°	388	394	394	395	396	37
15°	374	384	392	400	403	105
25°	345	362	379	392	398	159
35°	304	329	356	374	383	190
45°	257	286	323	348	358	198
55°	200	237	281	311	322	179
65°	137	181	231	265	277	135
75°	70	119	174	211	225	74
85°	12	64	120	159	172	15
90°	0	50	106	144	159	0
95°	0	47	102	139	153	0
105°	0	36	91	128	140	0
115°	0	24	73	108	120	0
125°	0	18	51	81	92	0
135°	0	14	40	58	63	0
145°	0	12	30	43	48	0
155°	1	7	19	29	32	0
165°	1	2	7	12	16	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°	392.1	392.1	392.1	392.1	392.1
2.5°	389.6	394.6	393.0	392.1	391.3
5°	387.9	393.8	393.8	394.6	395.5
7.5°	386.2	392.1	393.8	395.5	398.0
10°	382.8	390.4	393.8	397.2	398.9
12.5°	378.6	387.9	393.8	398.0	400.6
15°	373.5	383.7	392.1	399.7	403.1
17.5°	367.6	379.4	390.4	399.7	403.1
20°	360.8	374.4	387.0	397.2	402.2
22.5°	353.2	368.4	383.7	394.6	399.7
25°	344.8	361.7	379.4	392.1	398.0
27.5°	335.5	354.1	374.4	388.7	394.6
30°	325.3	345.6	368.4	384.5	391.3
32.5°	315.2	337.2	361.7	379.4	387.0
35°	304.2	328.7	355.8	374.4	382.8
37.5°	293.2	319.4	348.2	369.3	376.9
40°	282.2	308.4	340.6	362.5	371.8
42.5°	269.6	298.3	332.1	355.8	365.1
45°	256.9	286.5	322.8	348.2	357.5
47.5°	243.4	275.5	313.5	339.7	349.9
50°	229.0	262.8	302.5	330.4	340.6
52.5°	214.6	250.1	291.5	321.1	332.1
55°	200.3	236.6	280.6	311.0	322.0
57.5°	185.1	223.9	268.7	300.0	312.7
60°	169.0	209.6	256.1	289.0	301.7
62.5°	153.0	195.2	243.4	277.2	289.9
65°	136.9	180.8	230.7	265.3	277.2
67.5°	120.8	165.6	216.3	251.8	265.3
70°	103.9	150.4	202.0	239.2	251.8
72.5°	87.0	134.4	187.6	224.8	238.3
75°	70.1	119.2	174.1	211.3	224.8
77.5°	54.1	103.9	158.9	196.9	211.3
80°	38.0	89.6	145.3	183.4	197.7
82.5°	24.5	76.1	131.8	170.7	184.2
85°	11.8	64.2	120.0	158.9	172.4
87.5°	3.4	54.9	111.5	149.6	163.9
90°	0.0	49.9	106.5	144.5	158.9
92.5°	0.0	48.2	103.9	142.0	156.3
95°	0.0	47.3	102.3	139.4	153.0
97.5°	0.0	45.6	99.7	136.9	150.4
100°	0.0	43.1	97.2	134.4	147.0
102.5°	0.0	39.7	95.5	131.0	144.5
105°	0.0	36.3	91.3	127.6	140.3
107.5°	0.0	32.1	87.9	123.4	136.9
110°	0.0	27.9	82.8	119.2	131.8

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	26.2	77.7	114.1	125.9
115°	0.0	24.5	72.7	108.2	120.0
117.5°	0.0	23.7	66.8	101.4	114.1
120°	0.0	21.1	61.7	94.6	107.3
122.5°	0.0	19.4	55.8	87.9	99.7
125°	0.0	17.7	50.7	81.1	92.1
127.5°	0.0	16.1	48.2	74.4	85.4
130°	0.0	16.1	45.6	67.6	77.7
132.5°	0.0	15.2	43.1	60.8	70.1
135°	0.0	14.4	39.7	57.5	63.4
137.5°	0.0	13.5	37.2	54.1	60.0
140°	0.0	13.5	34.6	50.7	55.8
142.5°	0.0	12.7	32.1	47.3	52.4
145°	0.0	11.8	29.6	43.1	48.2
147.5°	0.0	11.0	27.9	39.7	43.9
150°	0.0	9.3	25.4	36.3	40.6
152.5°	0.0	7.6	22.8	33.0	36.3
155°	0.8	6.8	19.4	28.7	32.1
157.5°	0.8	5.1	16.1	25.4	28.7
160°	0.8	4.2	12.7	21.1	24.5
162.5°	0.8	3.4	9.3	16.9	20.3
165°	0.8	2.5	6.8	11.8	16.1
167.5°	0.8	1.7	5.1	8.5	11.8
170°	0.8	1.7	3.4	5.1	8.5
172.5°	0.8	0.8	1.7	3.4	2.5
175°	0.8	0.8	0.8	1.7	0.8
177.5°	0.8	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	16.9	18.2	17.5	18.9	19.6	20.8	22.2	21.4	22.8	23.5
	3H	18.3	19.5	18.9	20.1	20.9	23.5	24.8	24.2	25.4	26.2
	4H	18.7	19.8	19.3	20.5	21.3	24.9	26.0	25.5	26.7	27.5
	6H	18.9	20.0	19.5	20.6	21.4	26.2	27.3	26.9	28.0	28.8
	8H	18.9	20.0	19.6	20.7	21.5	26.9	28.0	27.6	28.7	29.5
	12H	18.9	19.9	19.6	20.6	21.4	27.7	28.7	28.4	29.4	30.2
4H	2H	18.1	19.3	18.8	20.0	20.8	21.1	22.3	21.8	23.0	23.7
	3H	19.8	20.8	20.4	21.5	22.3	24.0	25.1	24.7	25.8	26.6
	4H	20.3	21.2	21.0	21.9	22.8	25.5	26.5	26.2	27.2	28.0
	6H	20.6	21.5	21.3	22.2	23.0	27.1	27.9	27.8	28.6	29.5
	8H	20.7	21.5	21.4	22.2	23.1	27.9	28.6	28.6	29.4	30.2
	12H	20.7	21.5	21.5	22.2	23.1	28.7	29.4	29.4	30.2	31.0
8H	4H	21.2	22.0	22.0	22.8	23.6	25.7	26.4	26.4	27.2	28.0
	6H	21.8	22.5	22.5	23.2	24.1	27.3	28.0	28.1	28.8	29.6
	8H	22.0	22.6	22.7	23.3	24.2	28.3	28.9	29.0	29.6	30.5
	12H	22.1	22.6	22.8	23.4	24.3	29.3	29.8	30.0	30.6	31.5
12H	4H	21.5	22.2	22.2	23.0	23.8	25.7	26.4	26.4	27.1	28.0
	6H	22.2	22.8	23.0	23.5	24.4	27.4	28.0	28.1	28.7	29.6
	8H	22.5	23.0	23.2	23.8	24.7	28.3	28.9	29.1	29.6	30.5

(END OF REPORT)