

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: P1500553

Luminaire Tested: 3CSSV-S3C59-BN-MED-3000K

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500553
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2605-767-2)
Test Lab: INNOVATION CENTER
Issue Date: 7/20/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 3CSSV-S3C59-BN-MED-3000K
Description: 3' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 2400 Lumen 3000K

Light Source:
Ballast/Driver: -

Summary

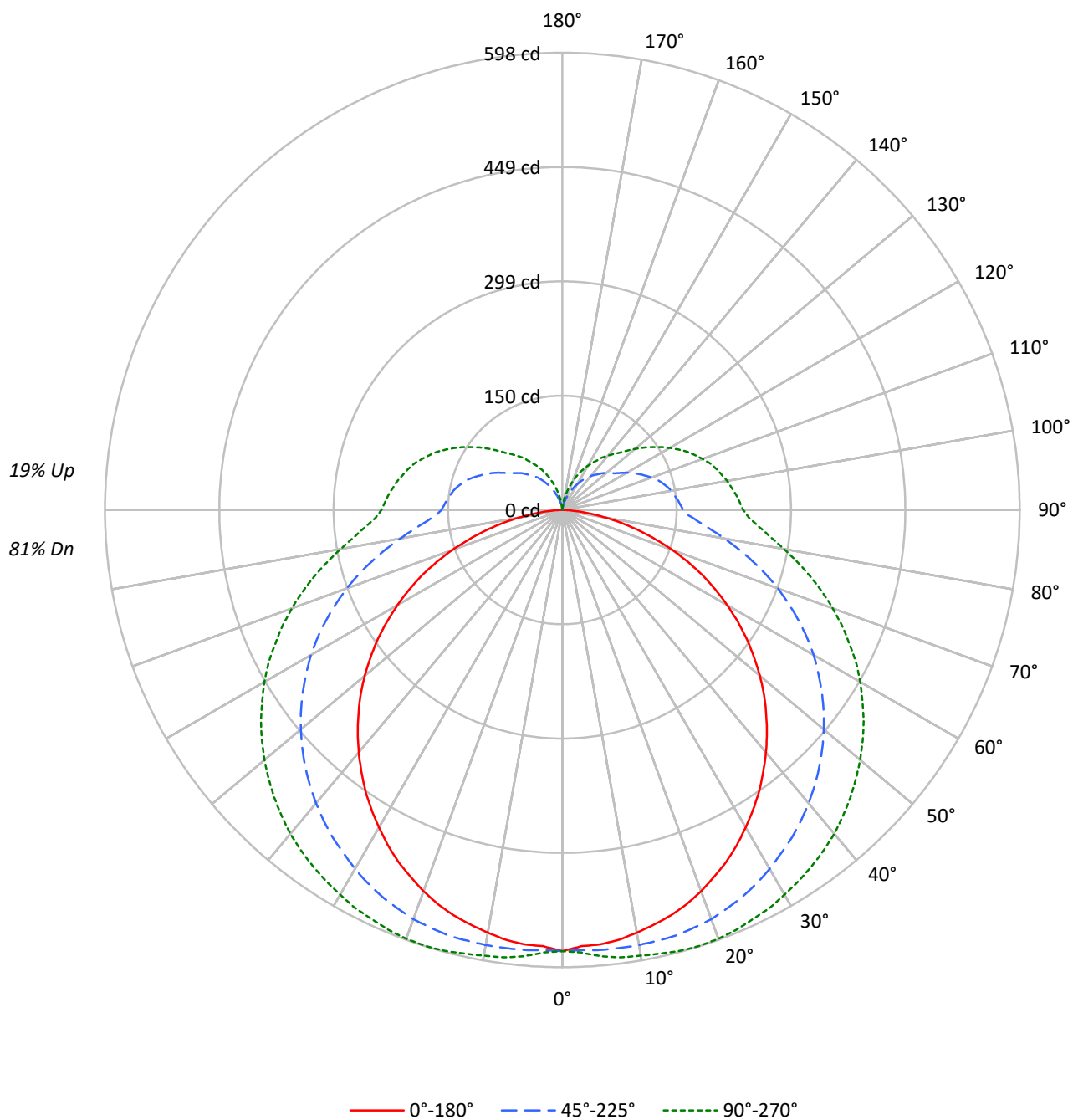
Lumens per Lamp: N/A
Luminaire Lumens: 2820.5 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.5 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.13' x L: 2.92' x H: 0.13')
CIE Type: Semi-Direct

Input Watts (W): 26.2
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	114	114	114	114	110	110	110	110		100	100	100		92	92	92		84	84	84
1	102	96	91	86	97	92	87	83		84	80	77		77	74	71		70	68	66
2	91	82	74	68	87	79	72	66		72	66	61		66	61	57		60	56	53
3	83	71	62	55	78	68	60	53		62	56	50		57	51	47		52	47	44
4	75	62	53	46	71	60	51	45		55	48	42		50	44	39		46	41	37
5	69	55	46	39	65	53	44	38		49	41	36		45	38	34		41	36	31
6	63	50	40	34	60	48	39	33		44	36	31		40	34	29		37	32	27
7	59	45	36	29	56	43	34	28		40	32	27		36	30	25		34	28	24
8	54	41	32	26	52	39	31	25		36	29	24		33	27	23		31	25	21
9	51	37	29	23	48	36	28	22		33	26	21		31	25	20		28	23	19
10	47	34	26	21	45	33	25	20		30	24	19		28	22	18		26	21	17

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	16359	16359	16359
5°	16170	15446	15338
10°	16033	14717	14486
15°	15921	14118	13815
20°	15756	13544	13201
25°	15555	12984	12591
30°	15303	12446	12060
35°	15066	11938	11577
40°	14776	11447	11128
45°	14470	10961	10673
50°	14126	10471	10231
55°	13675	9963	9793
60°	13100	9440	9333
65°	12403	8842	8836
70°	11295	8211	8321
75°	9705	7496	7770
80°	7549	6763	7201
85°	4097	6182	6771

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14470 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.3	2.0
10°-20°	162.8	5.8
20°-30°	256.1	9.1
30°-40°	324.3	11.5
40°-50°	360.7	12.8
50°-60°	360.7	12.8
60°-70°	323.9	11.5
70°-80°	255.8	9.1
80°-90°	180.5	6.4
90°-100°	148.1	5.3
100°-110°	128.0	4.5
110°-120°	100.4	3.6
120°-130°	71.2	2.5
130°-140°	46.9	1.7
140°-150°	28.3	1.0
150°-160°	13.4	0.5
160°-170°	3.8	0.1
170°-180°	0.3	0.0
0°-30°	474.2	16.8
0°-40°	798.5	28.3
0°-60°	1519.8	53.9
0°-90°	2280.0	80.8
90°-120°	376.6	13.4
90°-150°	522.9	18.5
90°-180°	540.0	19.1
0°-180°	2820.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	577	577	577	577	577	
5°	570	583	578	579	586	54
15°	549	568	576	588	597	155
25°	508	536	558	578	590	234
35°	449	486	523	553	569	281
45°	377	425	475	514	532	291
55°	294	351	414	460	481	263
65°	202	267	340	393	414	200
75°	103	177	257	314	336	110
85°	19	95	179	238	259	24
90°	1	74	158	216	236	1
95°	0	70	151	208	228	0
105°	1	56	136	189	208	1
115°	1	43	111	161	180	1
125°	1	33	84	126	143	1
135°	1	26	66	94	106	1
145°	1	19	49	71	79	1
155°	2	11	29	46	54	1
165°	2	5	12	19	26	0
175°	2	2	2	2	2	0
180°	1	1	1	1	1	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	576.9	576.9	576.9	576.9	576.9
2.5°	571.1	582.7	576.1	576.9	579.4
5°	570.3	582.7	577.7	578.6	586.0
7.5°	567.0	580.2	577.7	581.9	590.1
10°	561.2	577.7	577.7	584.3	591.8
12.5°	555.4	572.8	576.9	585.2	594.3
15°	548.8	567.8	576.1	587.6	596.7
17.5°	540.5	562.0	572.8	586.8	597.6
20°	530.6	553.8	569.5	584.3	596.7
22.5°	519.0	545.5	563.7	581.9	594.3
25°	507.5	535.6	557.9	577.7	590.1
27.5°	494.2	524.8	550.5	572.8	586.8
30°	479.4	512.4	542.2	567.0	581.0
32.5°	464.5	500.0	532.3	560.4	575.2
35°	448.8	486.0	523.2	552.9	568.6
37.5°	431.4	471.9	512.4	544.7	561.2
40°	414.1	457.1	500.9	535.6	552.9
42.5°	395.9	440.5	488.5	524.8	543.0
45°	376.9	424.8	475.2	514.1	532.3
47.5°	357.9	407.5	461.2	501.7	520.7
50°	337.2	389.3	446.3	488.5	508.3
52.5°	315.7	371.1	430.6	475.2	495.1
55°	294.2	351.3	414.1	460.4	481.0
57.5°	271.9	330.6	396.7	444.7	465.3
60°	248.8	309.9	379.4	428.1	449.6
62.5°	225.6	289.3	360.4	410.8	433.1
65°	202.5	267.0	340.5	393.4	414.1
67.5°	177.7	245.5	319.9	374.4	395.9
70°	152.9	222.3	300.0	354.6	376.1
72.5°	128.1	199.2	278.5	334.7	356.2
75°	103.3	176.9	257.0	314.1	335.6
77.5°	81.0	154.6	235.6	293.4	314.9
80°	57.9	133.1	214.9	273.6	294.2
82.5°	36.4	112.4	195.9	254.6	275.2
85°	19.0	95.0	179.4	238.0	258.7
87.5°	5.8	81.8	165.3	224.0	244.6
90°	0.8	74.4	157.9	215.7	236.4
92.5°	0.0	71.9	154.6	211.6	232.2
95°	0.0	70.3	151.3	208.3	228.1
97.5°	0.0	67.8	147.9	204.1	223.2
100°	0.0	64.5	144.6	199.2	219.0
102.5°	0.0	60.3	140.5	194.2	213.2
105°	0.8	56.2	135.5	189.3	208.3
107.5°	0.8	51.2	130.6	183.5	202.5
110°	0.8	47.1	124.0	176.0	195.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.8	44.6	117.4	168.6	187.6
115°	0.8	43.0	110.8	161.2	180.2
117.5°	0.8	40.5	104.1	152.9	171.1
120°	0.8	38.0	97.5	143.8	162.0
122.5°	0.8	34.7	90.1	135.5	152.9
125°	0.8	33.1	83.5	126.5	143.0
127.5°	0.8	31.4	79.3	117.4	133.9
130°	0.8	29.8	75.2	108.3	124.0
132.5°	0.8	28.1	71.1	100.0	114.9
135°	0.8	26.4	66.1	94.2	105.8
137.5°	0.8	24.8	62.0	88.4	99.2
140°	0.8	23.1	57.9	82.7	92.6
142.5°	0.8	21.5	53.7	76.9	86.8
145°	0.8	19.0	48.8	71.1	79.3
147.5°	0.8	16.5	43.8	65.3	72.7
150°	0.8	14.9	38.8	59.5	66.9
152.5°	1.7	13.2	33.9	53.7	60.3
155°	1.7	10.7	28.9	46.3	53.7
157.5°	1.7	9.1	24.0	38.8	47.1
160°	1.7	7.4	19.8	31.4	39.7
162.5°	1.7	5.8	15.7	24.8	33.1
165°	1.7	5.0	11.6	19.0	26.4
167.5°	1.7	4.1	9.1	13.2	20.7
170°	1.7	3.3	6.6	9.1	14.1
172.5°	1.7	2.5	4.1	5.8	4.1
175°	1.7	1.7	2.5	2.5	1.7
177.5°	1.7	1.7	1.7	0.8	0.8
180°	0.8	0.8	0.8	0.8	0.8

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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	16.7	18.1	17.4	18.7	19.5	20.8	22.1	21.4	22.8	23.5
	3H	18.1	19.4	18.8	20.0	20.8	23.5	24.8	24.2	25.4	26.2
	4H	18.5	19.7	19.2	20.4	21.2	24.9	26.1	25.5	26.7	27.5
	6H	18.7	19.8	19.4	20.5	21.3	26.3	27.4	27.0	28.1	28.9
	8H	18.8	19.8	19.5	20.5	21.3	27.0	28.1	27.7	28.8	29.6
	12H	18.8	19.8	19.5	20.5	21.3	27.8	28.8	28.5	29.5	30.4
4H	2H	18.0	19.2	18.7	19.8	20.6	21.1	22.2	21.7	22.9	23.7
	3H	19.6	20.6	20.3	21.3	22.2	24.0	25.0	24.7	25.7	26.6
	4H	20.2	21.1	20.9	21.8	22.7	25.5	26.5	26.2	27.2	28.0
	6H	20.5	21.4	21.2	22.1	22.9	27.1	27.9	27.8	28.7	29.5
	8H	20.6	21.4	21.3	22.1	23.0	27.9	28.7	28.6	29.4	30.3
	12H	20.6	21.3	21.4	22.1	23.0	28.8	29.5	29.6	30.3	31.2
8H	4H	21.1	21.9	21.8	22.6	23.5	25.7	26.4	26.4	27.2	28.0
	6H	21.7	22.4	22.4	23.1	24.0	27.4	28.0	28.1	28.8	29.7
	8H	21.9	22.5	22.6	23.2	24.1	28.3	28.9	29.1	29.7	30.6
	12H	22.0	22.5	22.7	23.3	24.2	29.4	29.9	30.1	30.7	31.6
12H	4H	21.4	22.1	22.1	22.9	23.7	25.7	26.4	26.4	27.1	28.0
	6H	22.1	22.7	22.9	23.5	24.4	27.4	28.0	28.2	28.8	29.7
	8H	22.4	22.9	23.1	23.7	24.6	28.4	28.9	29.1	29.7	30.6

(END OF REPORT)