

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: P1500552

Luminaire Tested: 3CSSV-S3C59-BN-MED-2700K

Issue Date: 7/20/2026

Test Information

Test Method: LM-79-2019
Report Number: P1500552
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-2700K
Description: 3' Vanity SQR Lnr 90CRI-3L5C Sel Brush Nickel 2400 Lumen 2700K

Light Source:
Ballast/Driver: -

Summary

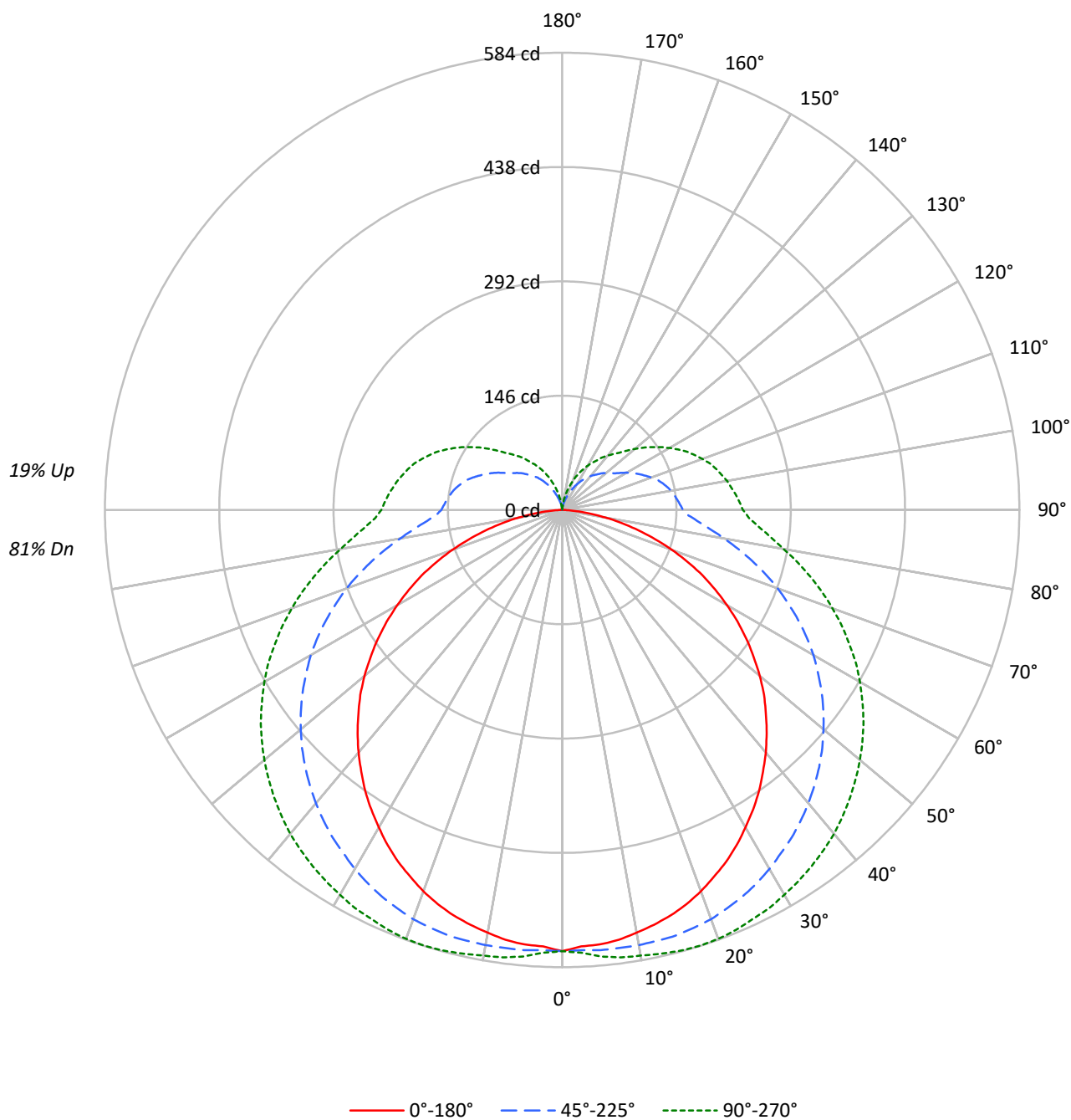
Lumens per Lamp: N/A
Luminaire Lumens: 2755.0 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.5 / 1.54
Luminous Opening: Rectangular w/ Sides (W: 0.13' x L: 2.92' x H: 0.13')
CIE Type: Semi-Direct

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

TEST NUMBER: P1500552

CATALOG NUMBER: 3CSSV-S3C59-BN-MED-2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1500552

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	114	114	114	114	110	110	110	110	100	100	100	92	92	92	84	84	84	81
1	102	96	91	86	97	92	87	83	84	80	77	77	74	71	70	68	66	62
2	91	82	74	68	87	79	72	66	72	66	61	66	61	57	60	56	53	50
3	83	71	62	55	78	68	60	53	62	56	50	57	51	47	52	47	44	40
4	75	62	53	46	71	60	51	45	55	48	42	50	44	39	46	41	37	34
5	69	55	46	39	65	53	44	38	49	41	36	45	38	34	41	36	31	29
6	63	50	40	34	60	48	39	33	44	36	31	40	34	29	37	32	27	25
7	59	45	36	29	56	43	34	28	40	32	27	36	30	25	34	28	24	22
8	54	41	32	26	52	39	31	25	36	29	24	33	27	23	31	25	21	19
9	51	37	29	23	48	36	28	22	33	26	21	31	25	20	28	23	19	17
10	47	34	26	21	45	33	25	20	30	24	19	28	22	18	26	21	17	15

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	15979	15979	15979
5°	15793	15087	14982
10°	15662	14376	14148
15°	15552	13790	13496
20°	15391	13228	12896
25°	15194	12681	12299
30°	14946	12157	11780
35°	14717	11659	11308
40°	14434	11180	10871
45°	14132	10707	10424
50°	13799	10227	9993
55°	13359	9732	9567
60°	12794	9221	9117
65°	12115	8637	8631
70°	11036	8022	8126
75°	9479	7323	7589
80°	7366	6606	7035
85°	4011	6037	6614

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14132 cd/sqm

TEST NUMBER: P1500552

CATALOG NUMBER: 3CSSV-S3C59-BN-MED-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.0	2.0
10°-20°	159.0	5.8
20°-30°	250.2	9.1
30°-40°	316.8	11.5
40°-50°	352.3	12.8
50°-60°	352.3	12.8
60°-70°	316.4	11.5
70°-80°	249.8	9.1
80°-90°	176.3	6.4
90°-100°	144.7	5.3
100°-110°	125.1	4.5
110°-120°	98.1	3.6
120°-130°	69.5	2.5
130°-140°	45.8	1.7
140°-150°	27.6	1.0
150°-160°	13.1	0.5
160°-170°	3.7	0.1
170°-180°	0.3	0.0
0°-30°	463.2	16.8
0°-40°	780.0	28.3
0°-60°	1484.5	53.9
0°-90°	2227.1	80.8
90°-120°	367.8	13.4
90°-150°	510.8	18.5
90°-180°	528.0	19.2
0°-180°	2755.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	564	564	564	564	564	
5°	557	569	564	565	572	53
15°	536	555	563	574	583	151
25°	496	523	545	564	576	228
35°	438	475	511	540	555	274
45°	368	415	464	502	520	284
55°	287	343	404	450	470	257
65°	198	261	333	384	404	195
75°	101	173	251	307	328	108
85°	19	93	175	232	253	23
90°	1	73	154	211	231	1
95°	0	69	148	203	223	0
105°	1	55	132	185	203	1
115°	1	42	108	157	176	1
125°	1	32	82	124	140	1
135°	1	26	65	92	103	1
145°	1	19	48	69	78	1
155°	2	10	28	45	52	1
165°	2	5	11	19	26	0
175°	2	2	2	2	2	0
180°	1	1	1	1	1	

TEST NUMBER: P1500552

CATALOG NUMBER: 3CSSV-S3C59-BN-MED-2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	563.5	563.5	563.5	563.5	563.5
2.5°	557.9	569.2	562.7	563.5	565.9
5°	557.0	569.2	564.3	565.1	572.4
7.5°	553.8	566.7	564.3	568.3	576.4
10°	548.2	564.3	564.3	570.8	578.0
12.5°	542.5	559.5	563.5	571.6	580.5
15°	536.1	554.6	562.7	574.0	582.9
17.5°	528.0	549.0	559.5	573.2	583.7
20°	518.3	540.9	556.2	570.8	582.9
22.5°	507.0	532.8	550.6	568.3	580.5
25°	495.7	523.1	544.9	564.3	576.4
27.5°	482.8	512.6	537.7	559.5	573.2
30°	468.2	500.5	529.6	553.8	567.5
32.5°	453.7	488.4	519.9	547.4	561.9
35°	438.4	474.7	511.0	540.1	555.4
37.5°	421.4	461.0	500.5	532.0	548.2
40°	404.5	446.4	489.2	523.1	540.1
42.5°	386.7	430.3	477.1	512.6	530.4
45°	368.1	415.0	464.2	502.1	519.9
47.5°	349.6	398.0	450.5	490.0	508.6
50°	329.4	380.2	435.9	477.1	496.5
52.5°	308.4	362.5	420.6	464.2	483.6
55°	287.4	343.1	404.5	449.7	469.9
57.5°	265.6	322.9	387.5	434.3	454.5
60°	243.0	302.7	370.6	418.2	439.2
62.5°	220.4	282.6	352.0	401.2	423.0
65°	197.8	260.8	332.6	384.3	404.5
67.5°	173.6	239.8	312.4	365.7	386.7
70°	149.4	217.2	293.1	346.3	367.3
72.5°	125.1	194.6	272.1	327.0	348.0
75°	100.9	172.8	251.1	306.8	327.8
77.5°	79.1	151.0	230.1	286.6	307.6
80°	56.5	130.0	209.9	267.2	287.4
82.5°	35.5	109.8	191.3	248.7	268.8
85°	18.6	92.8	175.2	232.5	252.7
87.5°	5.7	79.9	161.5	218.8	239.0
90°	0.8	72.7	154.2	210.7	230.9
92.5°	0.0	70.2	151.0	206.7	226.9
95°	0.0	68.6	147.7	203.4	222.8
97.5°	0.0	66.2	144.5	199.4	218.0
100°	0.0	63.0	141.3	194.6	213.9
102.5°	0.0	58.9	137.2	189.7	208.3
105°	0.8	54.9	132.4	184.9	203.4
107.5°	0.8	50.1	127.6	179.2	197.8
110°	0.8	46.0	121.1	172.0	190.5

TEST NUMBER: P1500552

CATALOG NUMBER: 3CSSV-S3C59-BN-MED-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.8	43.6	114.6	164.7	183.3
115°	0.8	42.0	108.2	157.4	176.0
117.5°	0.8	39.6	101.7	149.4	167.1
120°	0.8	37.1	95.3	140.5	158.2
122.5°	0.8	33.9	88.0	132.4	149.4
125°	0.8	32.3	81.5	123.5	139.7
127.5°	0.8	30.7	77.5	114.6	130.8
130°	0.8	29.1	73.5	105.8	121.1
132.5°	0.8	27.4	69.4	97.7	112.2
135°	0.8	25.8	64.6	92.0	103.3
137.5°	0.8	24.2	60.5	86.4	96.9
140°	0.8	22.6	56.5	80.7	90.4
142.5°	0.8	21.0	52.5	75.1	84.8
145°	0.8	18.6	47.6	69.4	77.5
147.5°	0.8	16.1	42.8	63.8	71.0
150°	0.8	14.5	37.9	58.1	65.4
152.5°	1.6	12.9	33.1	52.5	58.9
155°	1.6	10.5	28.3	45.2	52.5
157.5°	1.6	8.9	23.4	37.9	46.0
160°	1.6	7.3	19.4	30.7	38.8
162.5°	1.6	5.7	15.3	24.2	32.3
165°	1.6	4.8	11.3	18.6	25.8
167.5°	1.6	4.0	8.9	12.9	20.2
170°	1.6	3.2	6.5	8.9	13.7
172.5°	1.6	2.4	4.0	5.7	4.0
175°	1.6	1.6	2.4	2.4	1.6
177.5°	1.6	1.6	1.6	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	18.0	17.3	18.7	19.4	20.7	22.0	21.3	22.7	23.4
	3H	18.0	19.3	18.7	19.9	20.7	23.5	24.7	24.1	25.3	26.1
	4H	18.4	19.6	19.1	20.3	21.1	24.8	26.0	25.5	26.7	27.4
	6H	18.7	19.8	19.3	20.4	21.2	26.2	27.3	26.9	28.0	28.8
	8H	18.7	19.7	19.4	20.4	21.3	26.9	28.0	27.6	28.7	29.5
	12H	18.7	19.7	19.4	20.4	21.2	27.7	28.7	28.4	29.4	30.3
4H	2H	17.9	19.1	18.6	19.8	20.6	21.0	22.2	21.6	22.8	23.6
	3H	19.5	20.6	20.2	21.3	22.1	23.9	25.0	24.6	25.7	26.5
	4H	20.1	21.0	20.8	21.7	22.6	25.5	26.4	26.1	27.1	27.9
	6H	20.4	21.3	21.2	22.0	22.9	27.0	27.9	27.7	28.6	29.4
	8H	20.5	21.3	21.2	22.0	22.9	27.8	28.6	28.6	29.4	30.2
	12H	20.5	21.3	21.3	22.0	22.9	28.8	29.5	29.5	30.2	31.1
8H	4H	21.1	21.8	21.8	22.6	23.4	25.6	26.4	26.3	27.1	28.0
	6H	21.6	22.3	22.4	23.1	23.9	27.3	28.0	28.0	28.7	29.6
	8H	21.8	22.4	22.5	23.2	24.0	28.2	28.8	29.0	29.6	30.5
	12H	21.9	22.4	22.7	23.2	24.1	29.3	29.8	30.1	30.6	31.5
12H	4H	21.3	22.0	22.1	22.8	23.7	25.6	26.3	26.3	27.0	27.9
	6H	22.0	22.6	22.8	23.4	24.3	27.3	27.9	28.1	28.7	29.6
	8H	22.3	22.8	23.1	23.6	24.5	28.3	28.8	29.1	29.6	30.5

(END OF REPORT)