

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P995668

Luminaire Tested: 2SLSTPSLC-3500K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995668
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (KYZ-A250506112-02-001)
Test Lab:
Issue Date: 6/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2SLSTPSLC-3500K
Description: 2' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

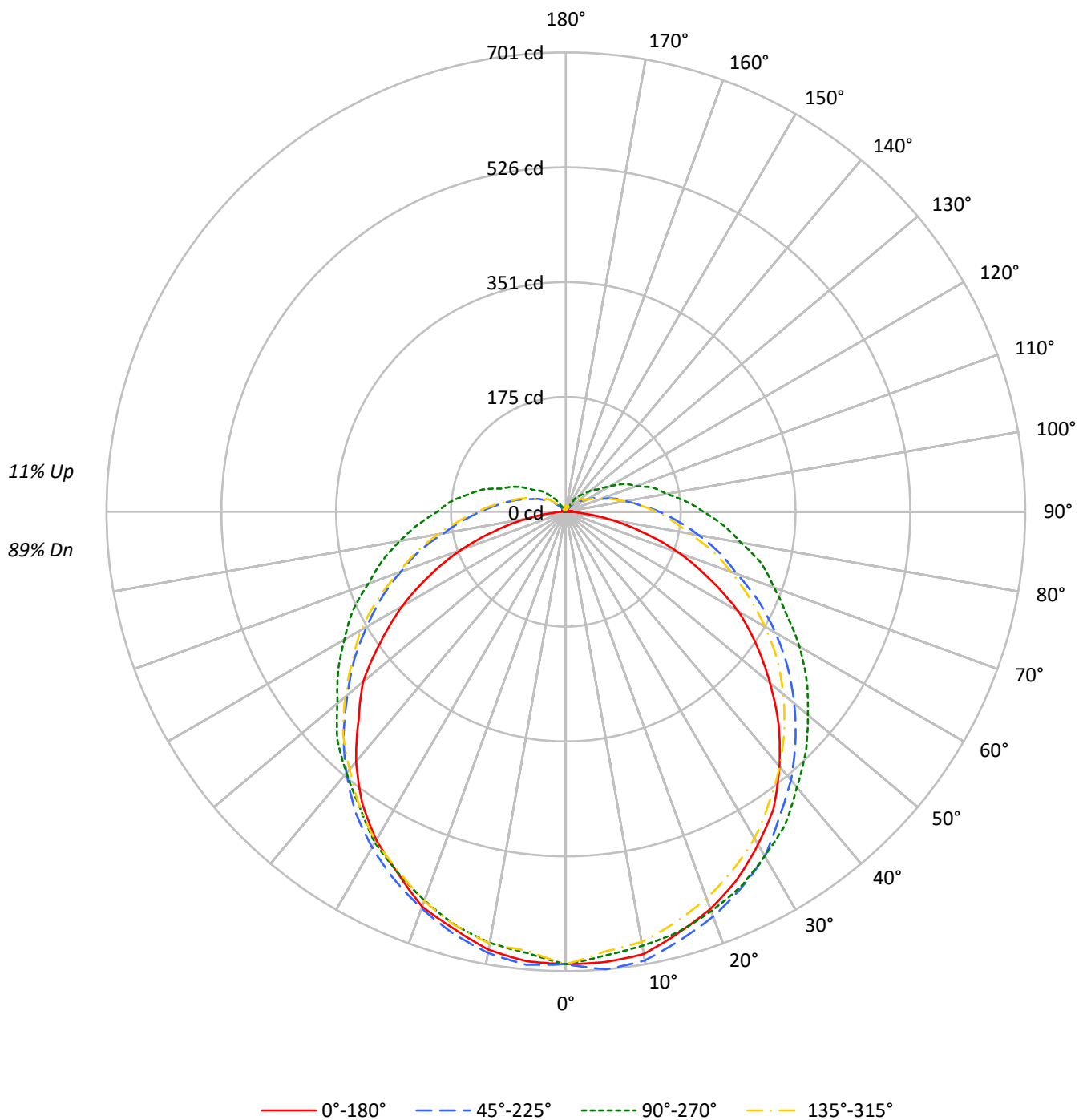
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2607.0 lumens
Efficiency: N/A
Efficacy: 118.5 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 1.95' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 22
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P995668
CATALOG NUMBER: 2SLSTPSLC-3500K

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				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92
1	104	98	93	88	100	95	90	86	88	85	81	83	80	77	77	75	73
2	94	84	77	70	90	82	75	69	76	70	65	71	66	62	66	63	59
3	85	73	65	58	81	71	63	56	66	60	54	62	56	52	58	53	49
4	77	65	55	48	74	63	54	47	59	51	45	55	49	44	52	46	42
5	71	58	48	41	68	56	47	40	52	45	39	49	43	38	46	41	36
6	65	52	42	36	63	50	41	35	47	40	34	44	38	33	42	36	32
7	61	47	38	31	58	45	37	31	43	35	30	40	34	29	38	32	28
8	56	42	34	28	54	41	33	27	39	32	27	37	30	26	35	29	25
9	53	39	31	25	51	38	30	24	36	29	24	34	28	23	32	27	22
10	49	36	28	22	47	35	27	22	33	26	22	31	25	21	30	24	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	17865	17865	17865	17865
5°	17747	16240	17711	16144
10°	17665	15019	17495	14919
15°	17309	14025	17150	13796
20°	17077	13092	16979	12739
25°	16808	12290	16507	11821
30°	16478	11492	16253	11042
35°	16215	10836	15904	10200
40°	15686	10078	15405	9560
45°	15141	9478	14745	9024
50°	14477	8858	14384	8355
55°	13863	8338	13434	7883
60°	13227	7799	12544	7393
65°	11947	7236	11318	6996
70°	10716	6822	9908	6472
75°	8734	6552	7819	6131
80°	6405	6055	5532	5747
85°	2991	5778	2622	5412

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15141 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.3	2.5
10°-20°	187.4	7.2
20°-30°	285.7	11.0
30°-40°	349.4	13.4
40°-50°	372.2	14.3
50°-60°	355.2	13.6
60°-70°	305.7	11.7
70°-80°	235.4	9.0
80°-90°	164.4	6.3
90°-100°	111.9	4.3
100°-110°	74.5	2.9
110°-120°	46.7	1.8
120°-130°	27.7	1.1
130°-140°	14.4	0.6
140°-150°	5.7	0.2
150°-160°	3.1	0.1
160°-170°	1.8	0.1
170°-180°	0.5	0.0
0°-30°	538.4	20.7
0°-40°	887.9	34.1
0°-60°	1615.3	62.0
0°-90°	2320.8	89.0
90°-120°	233.1	8.9
90°-150°	280.8	10.8
90°-180°	286.0	11.0
0°-180°	2607.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	690	690	690	690	690	
5°	690	680	688	676	690	66
15°	665	664	659	653	665	188
25°	619	631	608	607	619	285
35°	553	583	542	549	553	345
45°	459	518	447	493	459	354
55°	355	449	344	424	355	318
65°	241	372	228	359	241	240
75°	123	310	110	290	123	132
85°	23	242	20	227	23	30
90°	6	210	2	196	6	6
95°	10	184	0	177	10	3
105°	1	140	3	131	1	1
115°	2	101	5	91	2	3
125°	3	59	3	56	3	3
135°	4	38	2	37	4	3
145°	4	24	4	3	4	2
155°	2	2	1	5	2	1
165°	3	7	4	9	3	1
175°	4	2	2	6	4	0
180°	4	4	4	4	4	

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CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	690.4	690.4	690.4	690.4	690.4	690.4	690.4	690.4	690.4	690.4	690.4
5°	689.8	695.8	678.4	700.9	698.6	690.8	679.9	682.9	684.9	673.8	687.8
10°	685.3	684.3	669.8	695.2	689.7	682.9	672.4	678.2	675.4	666.5	681.4
15°	665.1	673.7	661.7	676.2	676.8	674.9	663.8	663.1	660.6	648.2	666.0
20°	644.9	649.9	641.8	657.3	661.2	661.5	648.5	646.4	641.5	627.8	638.7
25°	618.8	623.4	616.5	633.4	634.5	636.3	631.2	618.0	618.2	603.1	610.1
30°	586.4	591.3	585.0	607.5	609.8	609.4	606.7	598.3	593.8	575.6	583.1
35°	552.7	553.4	558.1	567.8	577.8	583.8	583.2	571.4	564.2	541.1	539.4
40°	507.1	509.8	518.8	534.5	541.7	547.6	548.7	541.7	528.2	507.7	501.3
45°	459.1	462.2	480.1	495.6	507.4	519.5	518.0	508.3	496.3	471.4	458.8
50°	406.6	413.1	434.6	454.9	471.8	479.0	482.3	474.2	458.1	433.1	408.0
55°	355.4	361.2	390.9	413.3	430.7	446.4	448.8	436.8	418.3	393.8	360.4
60°	304.1	309.3	336.7	369.4	390.8	410.2	411.7	404.4	374.9	350.9	316.8
65°	241.0	261.6	290.1	325.0	349.7	378.1	371.6	365.2	341.7	308.3	267.0
70°	184.3	204.3	240.7	277.6	316.4	337.7	337.9	332.5	307.2	268.1	226.3
75°	123.1	155.3	198.6	242.9	280.0	302.3	310.1	297.8	265.8	231.9	180.7
80°	69.7	97.7	155.5	206.0	242.2	263.6	271.1	264.9	230.4	190.3	146.2
85°	22.7	67.4	119.9	172.5	211.5	237.7	241.9	227.7	204.6	164.5	108.2
90°	5.5	38.7	90.6	142.5	179.3	203.0	210.1	202.4	176.3	137.6	83.1
95°	10.0	27.5	71.3	113.8	154.6	173.8	183.5	178.6	151.0	113.6	68.5
100°	0.8	11.4	52.5	92.6	129.6	150.2	156.1	154.9	129.9	91.5	49.6
105°	1.2	16.2	36.5	77.7	106.3	132.6	139.9	129.6	106.1	73.7	32.7
110°	2.4	8.4	24.4	57.1	90.9	109.9	114.1	109.4	89.5	59.0	27.8
115°	2.5	6.9	24.5	49.3	69.8	89.7	100.9	84.9	67.2	47.8	25.2
120°	4.3	7.3	19.0	38.1	60.8	64.6	77.9	72.1	55.0	37.1	20.8
125°	3.3	6.3	17.9	29.7	42.9	56.7	59.2	57.3	47.1	31.6	15.1
130°	2.2	7.5	12.0	22.3	39.6	50.4	50.7	47.3	37.5	31.1	8.1
135°	4.3	6.6	9.1	17.8	32.7	37.5	37.8	38.3	31.4	22.9	6.4
140°	5.0	6.1	6.4	8.8	21.2	29.3	31.3	26.8	27.4	13.4	7.2
145°	3.7	7.2	10.6	5.8	11.1	22.9	24.5	25.7	17.0	4.5	9.6
150°	0.0	6.4	12.0	7.3	6.7	5.1	7.5	6.7	3.9	8.4	12.9
155°	2.5	2.2	10.1	7.3	8.1	3.6	1.8	6.0	5.5	8.8	10.0
160°	2.7	2.8	3.9	4.7	8.4	8.5	9.4	13.4	8.7	10.1	3.9
165°	3.0	5.3	3.3	4.3	9.3	5.0	6.9	10.7	7.0	3.9	7.2
170°	3.0	5.7	1.2	1.7	4.7	3.4	8.5	5.5	7.6	5.0	3.4
175°	4.2	5.8	4.2	3.7	7.8	6.3	2.1	0.5	4.5	9.7	0.0
180°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	690.4	690.4	690.4	690.4	690.4	690.4	690.4	690.4	690.4	690.4	690.4
5°	681.3	688.4	694.4	683.5	693.8	695.0	694.1	675.9	684.4	683.1	672.3
10°	677.7	678.7	682.0	670.2	683.6	685.2	687.1	667.9	674.9	677.1	669.2
15°	656.4	659.0	668.7	653.8	666.0	669.5	669.5	653.0	661.7	657.2	653.4
20°	642.7	641.2	645.4	634.5	643.8	645.1	653.1	631.0	645.4	644.1	631.9
25°	611.6	607.7	611.6	611.6	619.4	624.3	630.6	607.1	623.3	618.9	604.7
30°	583.2	578.4	579.8	581.9	591.4	594.1	606.2	582.9	597.1	592.0	580.3
35°	545.2	542.1	541.1	549.9	559.7	561.5	574.2	549.0	566.9	557.3	549.0
40°	498.0	498.0	500.1	513.1	520.9	531.3	545.0	520.5	535.9	526.1	513.4
45°	456.3	447.1	446.1	467.5	479.6	492.6	506.2	493.2	502.8	488.6	480.8
50°	403.5	404.0	395.9	416.2	434.9	454.2	467.6	454.9	465.8	456.0	439.5
55°	350.7	344.4	342.4	371.5	394.4	420.0	428.9	424.3	429.5	423.6	397.8
60°	295.4	288.4	293.8	325.3	350.6	381.1	393.9	390.3	385.7	377.2	361.3
65°	242.2	228.3	241.0	277.0	310.1	340.1	354.3	359.3	353.4	341.1	316.8
70°	182.7	170.4	187.8	226.2	268.1	298.8	315.6	320.6	317.1	300.8	271.8
75°	130.2	110.2	136.9	184.8	231.4	261.2	282.3	290.2	281.8	269.1	235.3
80°	88.8	60.2	91.7	144.1	189.1	228.6	248.0	257.3	249.8	228.4	198.4
85°	57.0	19.9	56.8	107.1	158.2	197.9	217.1	226.6	219.6	201.1	163.9
90°	30.8	2.2	36.5	83.6	130.1	165.2	192.0	196.1	190.5	167.4	135.1
95°	21.2	0.2	21.1	58.6	107.2	143.1	164.3	176.6	168.5	144.7	111.4
100°	13.2	5.4	13.2	46.5	88.7	121.1	140.1	151.3	142.3	120.2	89.7
105°	11.7	2.8	12.3	37.8	72.1	98.1	119.2	131.3	121.8	103.6	75.5
110°	8.7	1.4	6.3	28.1	56.3	87.0	98.5	103.0	102.2	84.5	60.7
115°	7.0	5.0	0.0	24.8	46.2	69.2	79.4	90.6	85.8	67.6	43.4
120°	5.4	6.3	5.8	13.9	33.8	56.3	65.0	73.9	65.0	57.9	37.1
125°	8.2	2.7	9.7	4.3	31.0	48.6	56.3	56.2	56.7	46.8	34.7
130°	5.0	0.8	10.3	2.4	13.7	35.5	44.7	49.6	46.7	38.0	20.5
135°	6.3	2.5	6.1	7.3	6.0	22.3	39.5	37.2	39.6	28.1	3.9
140°	2.5	2.1	6.7	6.1	4.5	3.4	10.9	23.9	14.5	0.5	2.8
145°	9.1	3.6	8.4	11.2	5.8	7.8	6.3	3.0	7.3	0.2	0.9
150°	7.0	0.0	5.7	11.8	6.7	3.3	1.4	1.2	0.0	2.7	5.7
155°	6.4	1.2	10.6	11.1	7.0	13.0	8.1	5.1	8.2	9.4	7.3
160°	7.0	3.4	5.5	9.7	10.3	9.1	11.2	9.9	7.8	9.1	7.5
165°	9.0	4.0	2.8	8.8	8.4	8.4	7.2	8.8	6.4	8.4	3.0
170°	5.0	5.0	8.5	5.0	9.9	7.8	9.7	5.5	5.4	4.7	5.5
175°	3.6	2.2	5.4	4.0	5.8	4.8	6.9	5.7	6.1	4.3	8.8
180°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2



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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	690.4	690.4	690.4
5°	690.5	684.3	689.8
10°	678.2	678.2	685.3
15°	662.0	667.7	665.1
20°	643.8	645.7	644.9
25°	619.8	619.8	618.8
30°	588.3	589.8	586.4
35°	556.0	554.5	552.7
40°	511.4	512.5	507.1
45°	470.8	471.5	459.1
50°	424.7	420.7	406.6
55°	376.3	369.1	355.4
60°	330.1	310.2	304.1
65°	284.3	257.7	241.0
70°	235.6	207.1	184.3
75°	188.9	147.2	123.1
80°	149.5	103.3	69.7
85°	117.2	61.0	22.7
90°	90.4	39.2	5.5
95°	67.1	19.8	10.0
100°	49.8	12.7	0.8
105°	36.3	11.7	1.2
110°	26.8	7.2	2.4
115°	26.0	8.2	2.5
120°	16.6	6.9	4.3
125°	5.3	10.0	3.3
130°	1.5	2.5	2.2
135°	8.2	5.8	4.3
140°	8.4	5.4	5.0
145°	7.6	9.0	3.7
150°	5.3	7.8	0.0
155°	8.4	5.5	2.5
160°	4.3	3.9	2.7
165°	7.0	5.7	3.0
170°	7.2	3.3	3.0
175°	2.1	2.8	4.2
180°	4.2	4.2	4.2

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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	17.38	18.86	17.91	19.39	19.96	20.31	21.79	20.83	22.31	22.89
	3H	18.77	20.12	19.31	20.66	21.27	22.95	24.30	23.49	24.84	25.45
	4H	19.19	20.47	19.74	21.02	21.65	24.26	25.54	24.81	26.09	26.72
	6H	19.41	20.61	19.98	21.17	21.82	25.59	26.78	26.16	27.35	27.99
	8H	19.45	20.60	20.03	21.19	21.83	26.26	27.41	26.84	27.99	28.64
	12H	19.46	20.56	20.04	21.14	21.81	26.97	28.07	27.56	28.65	29.33
4H	2H	18.35	19.63	18.90	20.18	20.80	20.63	21.92	21.19	22.47	23.09
	3H	19.97	21.07	20.54	21.66	22.31	23.48	24.58	24.05	25.17	25.82
	4H	20.53	21.54	21.12	22.14	22.81	24.93	25.94	25.52	26.54	27.21
	6H	20.87	21.76	21.47	22.38	23.07	26.45	27.34	27.05	27.96	28.65
	8H	20.94	21.78	21.55	22.41	23.11	27.22	28.07	27.84	28.69	29.39
	12H	20.97	21.74	21.61	22.39	23.10	28.06	28.83	28.70	29.48	30.19
8H	4H	21.30	22.14	21.91	22.77	23.47	25.08	25.92	25.69	26.55	27.25
	6H	21.84	22.56	22.48	23.22	23.93	26.74	27.46	27.38	28.12	28.83
	8H	22.01	22.66	22.67	23.33	24.05	27.64	28.29	28.30	28.96	29.68
	12H	22.11	22.69	22.77	23.35	24.14	28.65	29.23	29.31	29.89	30.67
12H	4H	21.52	22.29	22.15	22.94	23.64	25.08	25.85	25.71	26.49	27.20
	6H	22.17	22.82	22.83	23.49	24.21	26.76	27.41	27.42	28.08	28.80
	8H	22.45	23.03	23.11	23.69	24.47	27.72	28.30	28.38	28.96	29.75