

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: P995674

Luminaire Tested: 4SLSTPSLC-LOW-3500K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995674
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: 4SLSTPSLC-LOW-3500K
Description: 4' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

Summary

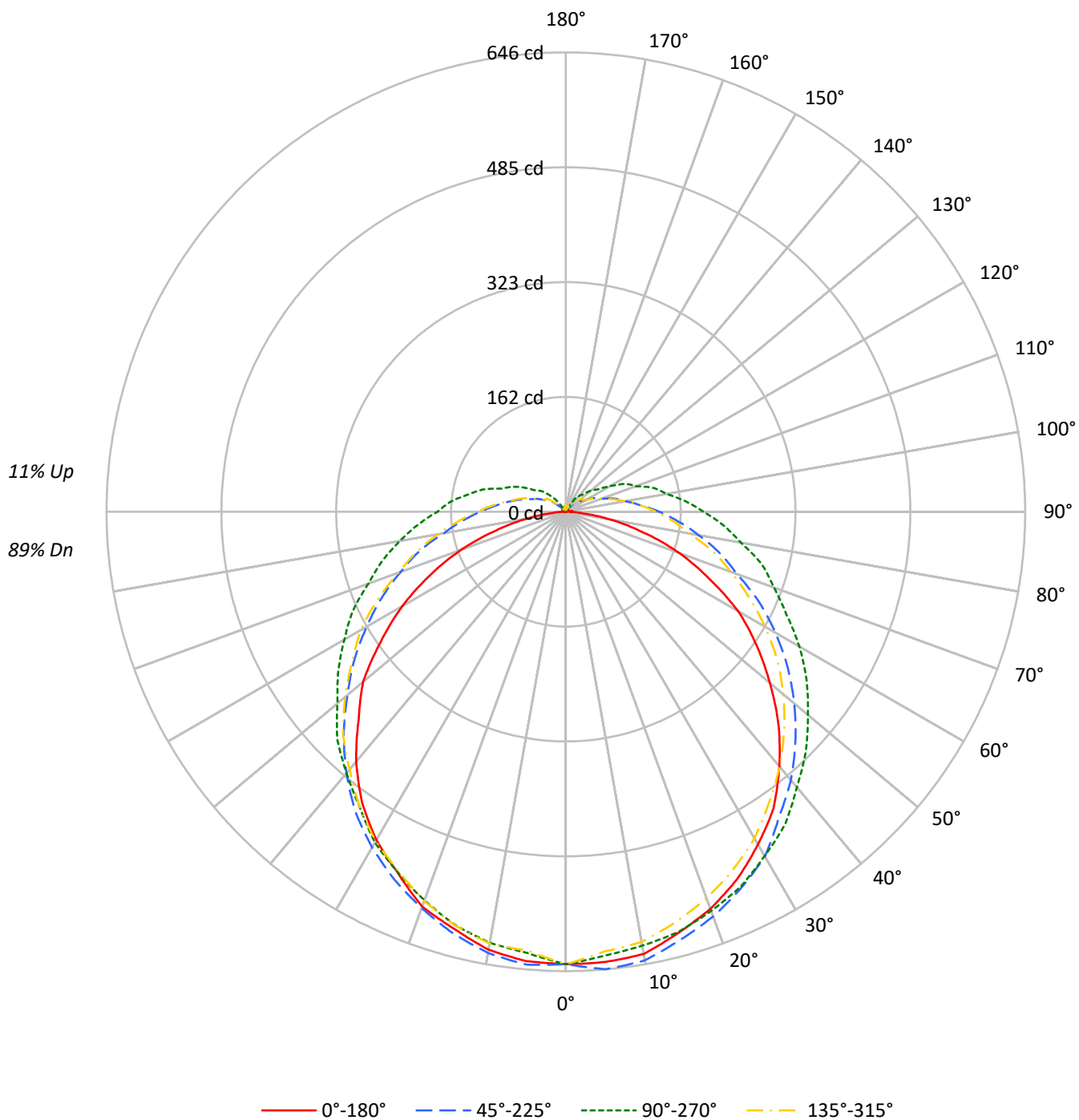
Lumens per Lamp: N/A
Luminaire Lumens: 2402.0 lumens
Efficiency: N/A
Efficacy: 133.4 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 3.88' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 18
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: P995674

CATALOG NUMBER: 4SLSTPSLC-LOW-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°	8274	8274	8274	8274
5°	8258	7523	8243	7478
10°	8260	6957	8181	6910
15°	8133	6496	8058	6391
20°	8064	6064	8018	5901
25°	7978	5693	7835	5476
30°	7865	5323	7758	5114
35°	7786	5018	7636	4724
40°	7583	4667	7447	4428
45°	7375	4390	7183	4180
50°	7114	4103	7068	3871
55°	6883	3862	6673	3651
60°	6655	3612	6310	3424
65°	6111	3352	5789	3240
70°	5609	3159	5186	2997
75°	4727	3034	4231	2840
80°	3664	2804	3168	2662
85°	1914	2676	1676	2507

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7375 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.2	2.5
10°-20°	172.7	7.2
20°-30°	263.2	11.0
30°-40°	321.9	13.4
40°-50°	343.0	14.3
50°-60°	327.3	13.6
60°-70°	281.7	11.7
70°-80°	216.9	9.0
80°-90°	151.4	6.3
90°-100°	103.1	4.3
100°-110°	68.6	2.9
110°-120°	43.1	1.8
120°-130°	25.5	1.1
130°-140°	13.3	0.6
140°-150°	5.2	0.2
150°-160°	2.8	0.1
160°-170°	1.7	0.1
170°-180°	0.4	0.0
0°-30°	496.1	20.7
0°-40°	818.0	34.1
0°-60°	1488.3	62.0
0°-90°	2138.3	89.0
90°-120°	214.8	8.9
90°-150°	258.8	10.8
90°-180°	264.0	11.0
0°-180°	2402.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	636	636	636	636	636	
5°	636	626	634	623	636	61
15°	613	612	607	602	613	173
25°	570	582	560	559	570	263
35°	509	537	499	506	509	317
45°	423	477	412	454	423	326
55°	327	414	317	391	327	293
65°	222	342	210	331	222	221
75°	113	286	102	267	113	122
85°	21	223	18	209	21	28
90°	5	194	2	181	5	6
95°	9	169	0	163	9	3
105°	1	129	3	121	1	1
115°	2	93	5	84	2	3
125°	3	55	2	52	3	3
135°	4	35	2	34	4	3
145°	3	23	3	3	3	2
155°	2	2	1	5	2	1
165°	3	6	4	8	3	1
175°	4	2	2	5	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°	636.1	636.1	636.1	636.1	636.1	636.1	636.1	636.1	636.1	636.1	636.1
5°	635.5	641.1	625.1	645.8	643.7	636.5	626.5	629.2	631.0	620.8	633.7
10°	631.4	630.5	617.1	640.5	635.4	629.2	619.6	624.8	622.3	614.1	627.8
15°	612.8	620.7	609.7	623.0	623.6	621.8	611.6	610.9	608.7	597.3	613.6
20°	594.2	598.8	591.3	605.6	609.2	609.5	597.5	595.6	591.1	578.4	588.5
25°	570.1	574.4	568.0	583.6	584.6	586.2	581.6	569.4	569.6	555.6	562.1
30°	540.3	544.8	539.0	559.8	561.8	561.5	559.0	551.2	547.1	530.3	537.2
35°	509.2	509.9	514.2	523.1	532.4	537.9	537.3	526.5	519.8	498.5	497.0
40°	467.2	469.7	478.0	492.4	499.1	504.5	505.5	499.1	486.7	467.8	461.9
45°	423.0	425.9	442.3	456.6	467.5	478.7	477.3	468.3	457.3	434.3	422.7
50°	374.6	380.6	400.4	419.2	434.7	441.3	444.4	436.9	422.0	399.1	375.9
55°	327.4	332.8	360.2	380.8	396.8	411.3	413.5	402.5	385.4	362.8	332.1
60°	280.2	285.0	310.2	340.4	360.1	378.0	379.3	372.6	345.5	323.3	291.9
65°	222.0	241.1	267.2	299.5	322.2	348.3	342.4	336.5	314.9	284.0	246.0
70°	169.8	188.3	221.8	255.8	291.5	311.2	311.3	306.3	283.1	247.0	208.5
75°	113.4	143.1	182.9	223.8	258.0	278.5	285.7	274.4	244.9	213.7	166.5
80°	64.2	90.1	143.3	189.8	223.2	242.8	249.7	244.1	212.2	175.3	134.7
85°	20.9	62.1	110.5	159.0	194.9	219.0	222.9	209.8	188.5	151.5	99.7
90°	5.1	35.7	83.5	131.3	165.2	187.1	193.5	186.5	162.4	126.7	76.6
95°	9.2	25.3	65.7	104.8	142.4	160.2	169.0	164.6	139.1	104.7	63.1
100°	0.7	10.5	48.4	85.3	119.4	138.4	143.8	142.7	119.7	84.3	45.7
105°	1.1	14.9	33.6	71.6	97.9	122.2	128.9	119.4	97.8	67.9	30.2
110°	2.2	7.7	22.4	52.6	83.8	101.3	105.1	100.8	82.5	54.4	25.6
115°	2.3	6.4	22.6	45.4	64.4	82.7	93.0	78.2	62.0	44.1	23.3
120°	4.0	6.7	17.5	35.1	56.0	59.5	71.7	66.4	50.7	34.2	19.1
125°	3.0	5.8	16.5	27.4	39.5	52.2	54.6	52.8	43.4	29.1	13.9
130°	2.1	6.9	11.0	20.5	36.5	46.4	46.7	43.5	34.6	28.6	7.4
135°	4.0	6.1	8.4	16.4	30.2	34.6	34.8	35.3	28.9	21.1	5.9
140°	4.6	5.7	5.9	8.2	19.6	27.0	28.8	24.7	25.2	12.4	6.6
145°	3.4	6.6	9.8	5.4	10.2	21.1	22.6	23.7	15.7	4.1	8.8
150°	0.0	5.9	11.0	6.7	6.2	4.7	6.9	6.2	3.6	7.7	11.8
155°	2.3	2.1	9.3	6.7	7.4	3.3	1.6	5.5	5.1	8.2	9.2
160°	2.5	2.6	3.6	4.3	7.7	7.8	8.7	12.4	8.0	9.3	3.6
165°	2.8	4.8	3.0	4.0	8.5	4.6	6.4	9.9	6.5	3.6	6.6
170°	2.8	5.2	1.1	1.5	4.3	3.2	7.8	5.1	7.0	4.6	3.2
175°	3.9	5.4	3.9	3.4	7.2	5.8	1.9	0.4	4.1	9.0	0.0
180°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	636.1	636.1	636.1	636.1	636.1	636.1	636.1	636.1	636.1	636.1	636.1
5°	627.7	634.3	639.8	629.8	639.3	640.4	639.6	622.8	630.6	629.3	619.4
10°	624.4	625.4	628.4	617.5	629.9	631.3	633.1	615.4	621.8	623.8	616.6
15°	604.8	607.2	616.1	602.4	613.6	616.8	616.8	601.7	609.7	605.5	602.1
20°	592.2	590.8	594.7	584.6	593.1	594.4	601.8	581.4	594.7	593.4	582.2
25°	563.5	559.9	563.5	563.5	570.7	575.2	581.0	559.4	574.3	570.3	557.2
30°	537.3	532.9	534.2	536.1	544.9	547.4	558.6	537.0	550.1	545.5	534.7
35°	502.4	499.4	498.5	506.6	515.7	517.4	529.1	505.8	522.3	513.5	505.8
40°	458.8	458.8	460.7	472.8	479.9	489.5	502.1	479.6	493.8	484.7	473.0
45°	420.4	412.0	411.0	430.7	441.9	453.9	466.4	454.4	463.2	450.1	443.0
50°	371.8	372.2	364.8	383.5	400.7	418.5	430.8	419.2	429.2	420.1	405.0
55°	323.1	317.4	315.5	342.3	363.3	386.9	395.2	390.9	395.7	390.2	366.5
60°	272.2	265.7	270.7	299.8	323.0	351.1	363.0	359.6	355.4	347.5	332.9
65°	223.2	210.3	222.0	255.2	285.7	313.4	326.4	331.0	325.6	314.3	291.9
70°	168.3	157.0	173.0	208.4	247.0	275.3	290.8	295.3	292.1	277.1	250.4
75°	120.0	101.5	126.2	170.2	213.2	240.6	260.1	267.4	259.6	248.0	216.8
80°	81.8	55.5	84.5	132.8	174.3	210.6	228.5	237.1	230.2	210.5	182.8
85°	52.5	18.3	52.3	98.6	145.7	182.4	200.0	208.8	202.4	185.3	151.0
90°	28.4	2.1	33.6	77.0	119.8	152.2	176.9	180.7	175.5	154.3	124.5
95°	19.6	0.2	19.4	54.0	98.8	131.8	151.4	162.7	155.2	133.3	102.6
100°	12.1	4.9	12.1	42.8	81.7	111.6	129.1	139.4	131.2	110.8	82.7
105°	10.8	2.6	11.3	34.8	66.4	90.4	109.8	120.9	112.2	95.4	69.6
110°	8.0	1.3	5.8	25.9	51.9	80.2	90.8	94.9	94.2	77.8	55.9
115°	6.5	4.6	0.0	22.9	42.6	63.8	73.2	83.5	79.1	62.3	39.9
120°	4.9	5.8	5.4	12.8	31.1	51.9	59.9	68.0	59.9	53.3	34.2
125°	7.6	2.5	9.0	4.0	28.5	44.8	51.9	51.8	52.2	43.1	32.0
130°	4.6	0.7	9.5	2.2	12.7	32.7	41.2	45.7	43.0	35.0	18.9
135°	5.8	2.3	5.7	6.7	5.5	20.5	36.4	34.3	36.5	25.9	3.6
140°	2.3	1.9	6.2	5.7	4.1	3.2	10.1	22.0	13.4	0.4	2.6
145°	8.4	3.3	7.7	10.3	5.4	7.2	5.8	2.8	6.7	0.2	0.8
150°	6.5	0.0	5.2	10.9	6.2	3.0	1.3	1.1	0.0	2.5	5.2
155°	5.9	1.1	9.8	10.2	6.5	12.0	7.4	4.7	7.6	8.7	6.7
160°	6.5	3.2	5.1	9.0	9.5	8.4	10.3	9.1	7.2	8.4	6.9
165°	8.3	3.7	2.6	8.2	7.7	7.7	6.6	8.2	5.9	7.7	2.8
170°	4.6	4.6	7.8	4.6	9.1	7.2	9.0	5.1	4.9	4.3	5.1
175°	3.3	2.1	4.9	3.7	5.4	4.4	6.4	5.2	5.7	4.0	8.2
180°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	636.1	636.1	636.1
5°	636.2	630.5	635.5
10°	624.8	624.8	631.4
15°	609.9	615.2	612.8
20°	593.1	594.9	594.2
25°	571.1	571.1	570.1
30°	542.0	543.4	540.3
35°	512.3	510.9	509.2
40°	471.2	472.2	467.2
45°	433.8	434.4	423.0
50°	391.3	387.6	374.6
55°	346.7	340.1	327.4
60°	304.2	285.8	280.2
65°	262.0	237.5	222.0
70°	217.1	190.8	169.8
75°	174.1	135.7	113.4
80°	137.7	95.2	64.2
85°	108.0	56.2	20.9
90°	83.3	36.1	5.1
95°	61.9	18.2	9.2
100°	45.9	11.7	0.7
105°	33.5	10.8	1.1
110°	24.7	6.6	2.2
115°	24.0	7.6	2.3
120°	15.3	6.4	4.0
125°	4.8	9.2	3.0
130°	1.4	2.3	2.1
135°	7.6	5.4	4.0
140°	7.7	4.9	4.6
145°	7.0	8.3	3.4
150°	4.8	7.2	0.0
155°	7.7	5.1	2.3
160°	4.0	3.6	2.5
165°	6.5	5.2	2.8
170°	6.6	3.0	2.8
175°	1.9	2.6	3.9
180°	3.9	3.9	3.9

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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	14.75	16.23	15.27	16.75	17.33	17.81	19.29	18.34	19.82	20.39
	3H	16.13	17.48	16.67	18.02	18.63	20.51	21.86	21.05	22.40	23.01
	4H	16.55	17.83	17.10	18.38	19.01	21.86	23.15	22.42	23.70	24.32
	6H	16.77	17.97	17.34	18.53	19.17	23.26	24.46	23.83	25.02	25.67
	8H	16.81	17.96	17.39	18.54	19.19	23.99	25.14	24.57	25.72	26.37
	12H	16.81	17.91	17.40	18.49	19.17	24.78	25.89	25.37	26.46	27.14
4H	2H	15.73	17.01	16.29	17.56	18.19	18.12	19.41	18.68	19.96	20.58
	3H	17.35	18.45	17.92	19.04	19.69	21.02	22.12	21.59	22.71	23.36
	4H	17.90	18.91	18.49	19.51	20.19	22.51	23.52	23.10	24.12	24.80
	6H	18.24	19.14	18.85	19.76	20.45	24.10	24.99	24.70	25.61	26.30
	8H	18.32	19.16	18.93	19.78	20.48	24.92	25.77	25.54	26.39	27.09
	12H	18.35	19.11	18.98	19.76	20.47	25.84	26.61	26.48	27.26	27.96
8H	4H	18.70	19.54	19.31	20.17	20.87	22.66	23.50	23.27	24.12	24.83
	6H	19.24	19.95	19.88	20.62	21.33	24.38	25.09	25.02	25.76	26.46
	8H	19.41	20.06	20.06	20.73	21.45	25.32	25.97	25.98	26.64	27.36
	12H	19.51	20.09	20.17	20.75	21.53	26.40	26.98	27.06	27.64	28.43
12H	4H	18.93	19.70	19.57	20.35	21.06	22.65	23.42	23.29	24.07	24.78
	6H	19.58	20.23	20.24	20.90	21.62	24.39	25.04	25.05	25.71	26.43
	8H	19.86	20.44	20.52	21.10	21.88	25.40	25.98	26.06	26.64	27.42