

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: P995670

Luminaire Tested: 2SLSTPSLC-5000K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995670
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-5000K
Description: 2' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

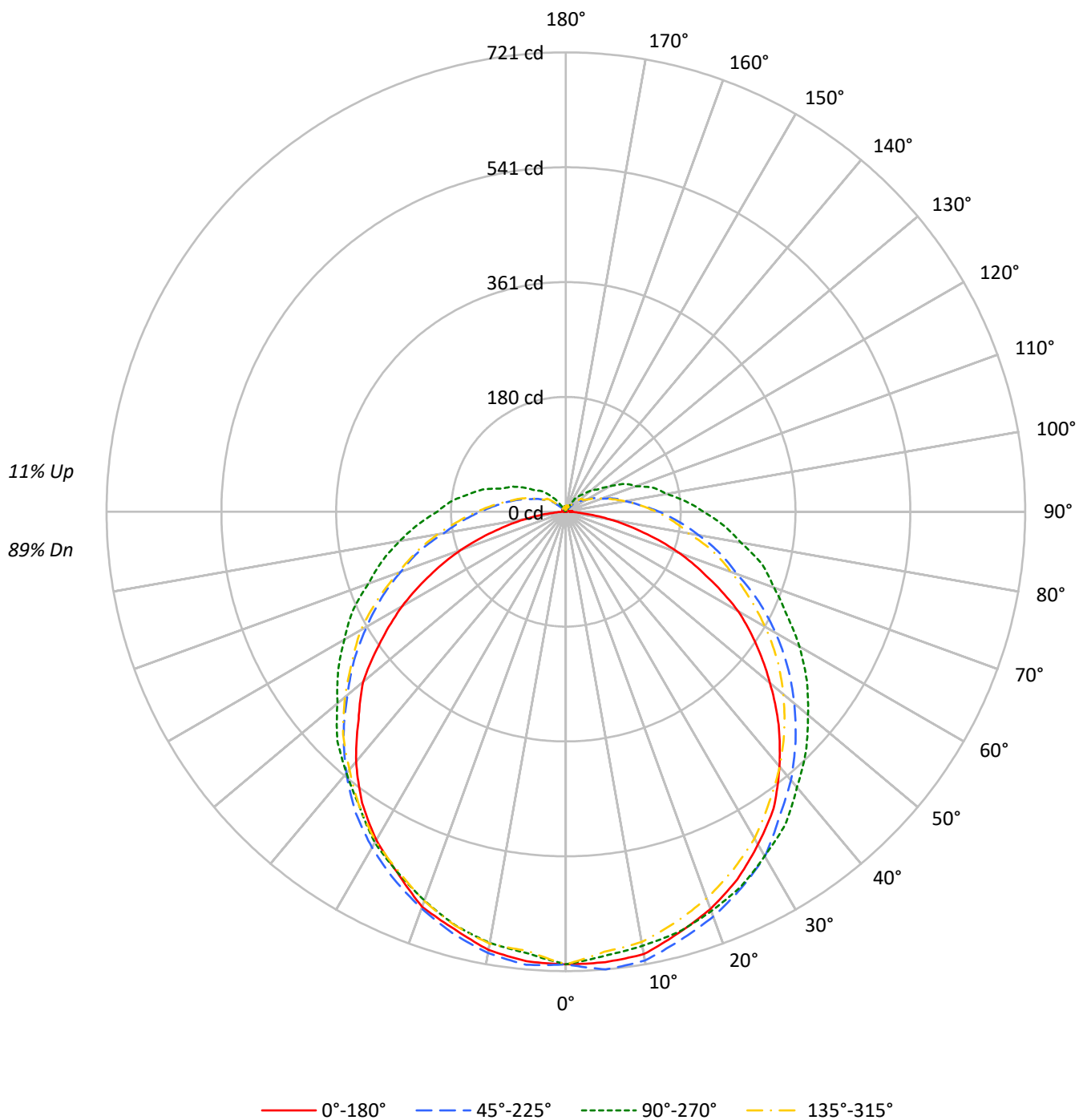
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2682.0 lumens
Efficiency: N/A
Efficacy: 121.9 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: P995670
CATALOG NUMBER: 2SLSTPSLC-5000K

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	67	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°	18380	18380	18380	18380
5°	18257	16708	18221	16610
10°	18173	15453	18000	15350
15°	17809	14428	17642	14194
20°	17570	13470	17469	13106
25°	17292	12645	16982	12162
30°	16950	11822	16720	11360
35°	16681	11148	16361	10494
40°	16138	10368	15847	9836
45°	15576	9751	15170	9284
50°	14893	9114	14797	8596
55°	14261	8578	13824	8110
60°	13605	8022	12905	7607
65°	12289	7444	11645	7197
70°	11024	7018	10193	6658
75°	8982	6740	8046	6307
80°	6588	6230	5697	5913
85°	3084	5945	2701	5570

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15576 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.2	2.5
10°-20°	192.8	7.2
20°-30°	293.9	11.0
30°-40°	359.5	13.4
40°-50°	382.9	14.3
50°-60°	365.4	13.6
60°-70°	314.5	11.7
70°-80°	242.2	9.0
80°-90°	169.1	6.3
90°-100°	115.1	4.3
100°-110°	76.6	2.9
110°-120°	48.1	1.8
120°-130°	28.5	1.1
130°-140°	14.8	0.6
140°-150°	5.8	0.2
150°-160°	3.2	0.1
160°-170°	1.9	0.1
170°-180°	0.5	0.0
0°-30°	553.9	20.7
0°-40°	913.4	34.1
0°-60°	1661.8	62.0
0°-90°	2387.6	89.0
90°-120°	239.8	8.9
90°-150°	288.9	10.8
90°-180°	294.0	11.0
0°-180°	2682.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	710	710	710	710	710	
5°	710	700	708	695	710	68
15°	684	683	678	672	684	193
25°	637	649	625	625	637	293
35°	569	600	558	565	569	354
45°	472	533	460	507	472	364
55°	366	462	354	436	366	327
65°	248	382	235	370	248	247
75°	127	319	113	298	127	136
85°	23	249	20	233	23	31
90°	6	216	2	202	6	6
95°	10	189	0	182	10	4
105°	1	144	3	135	1	2
115°	3	104	5	93	3	3
125°	3	61	3	58	3	3
135°	4	39	3	38	4	3
145°	4	25	4	3	4	2
155°	3	2	1	5	3	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°	710.3	710.3	710.3	710.3	710.3	710.3	710.3	710.3	710.3	710.3	710.3
5°	709.6	715.8	698.0	721.0	718.7	710.7	699.5	702.6	704.6	693.2	707.6
10°	705.0	704.0	689.0	715.2	709.5	702.6	691.8	697.7	694.9	685.6	701.0
15°	684.3	693.1	680.7	695.7	696.3	694.3	682.9	682.1	679.6	666.9	685.2
20°	663.5	668.6	660.3	676.2	680.2	680.6	667.2	665.0	660.0	645.8	657.1
25°	636.6	641.3	634.2	651.7	652.8	654.6	649.4	635.8	635.9	620.4	627.6
30°	603.2	608.3	601.8	625.0	627.3	626.9	624.1	615.5	610.9	592.1	599.8
35°	568.6	569.4	574.2	584.1	594.4	600.6	600.0	587.8	580.4	556.6	554.9
40°	521.7	524.5	533.7	549.8	557.2	563.4	564.5	557.2	543.4	522.3	515.7
45°	472.3	475.5	493.9	509.8	522.0	534.5	532.9	522.9	510.6	485.0	472.0
50°	418.3	424.9	447.1	468.0	485.4	492.8	496.2	487.9	471.2	445.6	419.7
55°	365.6	371.6	402.2	425.2	443.1	459.2	461.7	449.4	430.3	405.1	370.8
60°	312.8	318.2	346.3	380.0	402.1	422.0	423.5	416.0	385.7	361.0	325.9
65°	247.9	269.1	298.4	334.4	359.8	388.9	382.3	375.7	351.6	317.2	274.7
70°	189.6	210.2	247.6	285.6	325.5	347.4	347.6	342.0	316.1	275.8	232.9
75°	126.6	159.8	204.3	249.9	288.1	311.0	319.0	306.4	273.5	238.6	185.9
80°	71.7	100.6	160.0	211.9	249.2	271.2	278.9	272.5	237.0	195.8	150.4
85°	23.4	69.4	123.4	177.5	217.6	244.6	248.9	234.3	210.5	169.2	111.4
90°	5.7	39.8	93.2	146.6	184.4	208.9	216.1	208.2	181.3	141.5	85.5
95°	10.3	28.3	73.4	117.1	159.0	178.8	188.7	183.8	155.4	116.9	70.5
100°	0.8	11.7	54.0	95.2	133.3	154.6	160.6	159.4	133.6	94.1	51.0
105°	1.2	16.6	37.5	80.0	109.4	136.4	144.0	133.3	109.2	75.8	33.7
110°	2.5	8.6	25.1	58.7	93.5	113.1	117.4	112.6	92.1	60.7	28.6
115°	2.6	7.1	25.2	50.7	71.9	92.3	103.8	87.3	69.2	49.2	26.0
120°	4.4	7.5	19.5	39.2	62.6	66.5	80.1	74.2	56.6	38.2	21.4
125°	3.4	6.4	18.4	30.6	44.1	58.3	60.9	58.9	48.4	32.5	15.5
130°	2.3	7.7	12.3	22.9	40.8	51.8	52.1	48.6	38.6	32.0	8.3
135°	4.4	6.8	9.4	18.3	33.7	38.6	38.9	39.4	32.3	23.5	6.6
140°	5.1	6.3	6.6	9.1	21.8	30.2	32.2	27.6	28.2	13.8	7.4
145°	3.8	7.4	10.9	6.0	11.4	23.5	25.2	26.5	17.5	4.6	9.8
150°	0.0	6.6	12.3	7.5	6.9	5.2	7.7	6.9	4.0	8.6	13.2
155°	2.6	2.3	10.4	7.5	8.3	3.7	1.8	6.1	5.7	9.1	10.3
160°	2.8	2.9	4.0	4.8	8.6	8.7	9.7	13.8	8.9	10.4	4.0
165°	3.1	5.4	3.4	4.4	9.5	5.1	7.1	11.0	7.2	4.0	7.4
170°	3.1	5.8	1.2	1.7	4.8	3.5	8.7	5.7	7.8	5.1	3.5
175°	4.3	6.0	4.3	3.8	8.0	6.4	2.1	0.5	4.6	10.0	0.0
180°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4

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CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	710.3	710.3	710.3	710.3	710.3	710.3	710.3	710.3	710.3	710.3	710.3
5°	700.9	708.2	714.4	703.2	713.8	715.0	714.1	695.4	704.1	702.7	691.7
10°	697.2	698.3	701.6	689.5	703.3	704.9	706.9	687.2	694.3	696.6	688.4
15°	675.3	677.9	688.0	672.6	685.2	688.7	688.7	671.8	680.7	676.1	672.2
20°	661.2	659.7	664.0	652.8	662.3	663.7	671.9	649.2	664.0	662.6	650.1
25°	629.2	625.2	629.2	629.2	637.2	642.3	648.7	624.6	641.2	636.7	622.1
30°	600.0	595.0	596.4	598.6	608.5	611.2	623.7	599.7	614.3	609.1	597.0
35°	560.9	557.7	556.6	565.7	575.8	577.7	590.7	564.8	583.2	573.4	564.8
40°	512.3	512.3	514.4	527.9	535.9	546.6	560.6	535.5	551.3	541.2	528.2
45°	469.4	460.0	458.9	480.9	493.4	506.8	520.8	507.4	517.2	502.6	494.6
50°	415.1	415.6	407.3	428.2	447.4	467.2	481.1	468.0	479.2	469.1	452.2
55°	360.8	354.4	352.2	382.2	405.7	432.0	441.3	436.5	441.9	435.7	409.3
60°	303.9	296.7	302.2	334.7	360.7	392.0	405.3	401.6	396.8	388.0	371.7
65°	249.2	234.9	247.9	285.0	319.0	349.9	364.5	369.6	363.6	351.0	325.9
70°	187.9	175.3	193.2	232.7	275.8	307.4	324.7	329.8	326.2	309.4	279.6
75°	133.9	113.4	140.9	190.1	238.1	268.7	290.4	298.5	289.9	276.9	242.1
80°	91.3	62.0	94.3	148.3	194.6	235.2	255.1	264.7	257.0	235.0	204.1
85°	58.6	20.5	58.4	110.1	162.7	203.6	223.3	233.2	225.9	206.9	168.6
90°	31.7	2.3	37.5	86.0	133.8	169.9	197.5	201.8	196.0	172.2	139.0
95°	21.8	0.2	21.7	60.3	110.3	147.2	169.0	181.6	173.3	148.9	114.6
100°	13.5	5.5	13.5	47.8	91.2	124.6	144.1	155.7	146.4	123.7	92.3
105°	12.0	2.9	12.6	38.9	74.2	100.9	122.6	135.0	125.3	106.6	77.7
110°	8.9	1.4	6.4	28.9	58.0	89.5	101.3	106.0	105.2	86.9	62.4
115°	7.2	5.1	0.0	25.5	47.5	71.2	81.7	93.2	88.3	69.5	44.6
120°	5.5	6.4	6.0	14.3	34.8	58.0	66.9	76.0	66.9	59.5	38.2
125°	8.4	2.8	10.0	4.4	31.9	50.0	58.0	57.8	58.3	48.1	35.7
130°	5.1	0.8	10.6	2.5	14.1	36.5	46.0	51.0	48.0	39.1	21.1
135°	6.4	2.6	6.3	7.5	6.1	22.9	40.6	38.3	40.8	28.9	4.0
140°	2.6	2.1	6.9	6.3	4.6	3.5	11.2	24.6	14.9	0.5	2.9
145°	9.4	3.7	8.6	11.5	6.0	8.0	6.4	3.1	7.5	0.2	0.9
150°	7.2	0.0	5.8	12.1	6.9	3.4	1.4	1.2	0.0	2.8	5.8
155°	6.6	1.2	10.9	11.4	7.2	13.4	8.3	5.2	8.4	9.7	7.5
160°	7.2	3.5	5.7	10.0	10.6	9.4	11.5	10.1	8.0	9.4	7.7
165°	9.2	4.1	2.9	9.1	8.6	8.6	7.4	9.1	6.6	8.6	3.1
170°	5.1	5.1	8.7	5.1	10.1	8.0	10.0	5.7	5.5	4.8	5.7
175°	3.7	2.3	5.5	4.1	6.0	4.9	7.1	5.8	6.3	4.4	9.1
180°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4

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CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	710.3	710.3	710.3
5°	710.4	704.0	709.6
10°	697.7	697.7	705.0
15°	681.0	686.9	684.3
20°	662.3	664.3	663.5
25°	637.6	637.6	636.6
30°	605.2	606.8	603.2
35°	572.0	570.5	568.6
40°	526.2	527.3	521.7
45°	484.3	485.1	472.3
50°	437.0	432.8	418.3
55°	387.1	379.7	365.6
60°	339.6	319.2	312.8
65°	292.5	265.1	247.9
70°	242.4	213.0	189.6
75°	194.4	151.5	126.6
80°	153.8	106.3	71.7
85°	120.6	62.8	23.4
90°	93.0	40.3	5.7
95°	69.1	20.3	10.3
100°	51.2	13.0	0.8
105°	37.4	12.0	1.2
110°	27.6	7.4	2.5
115°	26.8	8.4	2.6
120°	17.1	7.1	4.4
125°	5.4	10.3	3.4
130°	1.5	2.6	2.3
135°	8.4	6.0	4.4
140°	8.6	5.5	5.1
145°	7.8	9.2	3.8
150°	5.4	8.0	0.0
155°	8.6	5.7	2.6
160°	4.4	4.0	2.8
165°	7.2	5.8	3.1
170°	7.4	3.4	3.1
175°	2.1	2.9	4.3
180°	4.4	4.4	4.4

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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	17.48	18.96	18.01	19.49	20.06	20.41	21.89	20.93	22.41	22.99
	3H	18.87	20.22	19.41	20.76	21.37	23.05	24.40	23.59	24.94	25.55
	4H	19.29	20.57	19.84	21.12	21.75	24.36	25.64	24.91	26.19	26.81
	6H	19.51	20.71	20.08	21.27	21.91	25.69	26.88	26.26	27.45	28.09
	8H	19.55	20.70	20.13	21.28	21.93	26.36	27.50	26.94	28.09	28.74
	12H	19.55	20.66	20.14	21.24	21.91	27.07	28.17	27.66	28.75	29.43
4H	2H	18.44	19.73	19.00	20.28	20.90	20.73	22.01	21.29	22.56	23.19
	3H	20.07	21.17	20.64	21.76	22.41	23.58	24.68	24.15	25.27	25.91
	4H	20.63	21.64	21.21	22.23	22.91	25.03	26.04	25.62	26.64	27.31
	6H	20.96	21.86	21.57	22.48	23.17	26.54	27.44	27.15	28.06	28.75
	8H	21.04	21.88	21.65	22.51	23.21	27.32	28.16	27.93	28.79	29.49
	12H	21.07	21.84	21.71	22.49	23.20	28.16	28.93	28.80	29.58	30.28
8H	4H	21.40	22.24	22.01	22.86	23.57	25.18	26.02	25.79	26.64	27.35
	6H	21.94	22.65	22.58	23.32	24.03	26.84	27.56	27.48	28.22	28.93
	8H	22.11	22.76	22.77	23.43	24.15	27.74	28.39	28.40	29.06	29.78
	12H	22.21	22.79	22.87	23.45	24.24	28.75	29.33	29.41	29.99	30.77
12H	4H	21.62	22.39	22.25	23.04	23.74	25.18	25.94	25.81	26.59	27.30
	6H	22.27	22.92	22.93	23.59	24.31	26.86	27.51	27.51	28.18	28.90
	8H	22.55	23.13	23.21	23.79	24.57	27.82	28.40	28.48	29.06	29.84