

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: P995669

Luminaire Tested: 2SLSTPSLC-4000K

Issue Date: 6/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P995669
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-4000K
Description: 2' Selectable CCT and Lumen LED Striplight
Light Source: -
Ballast/Driver: -

Summary

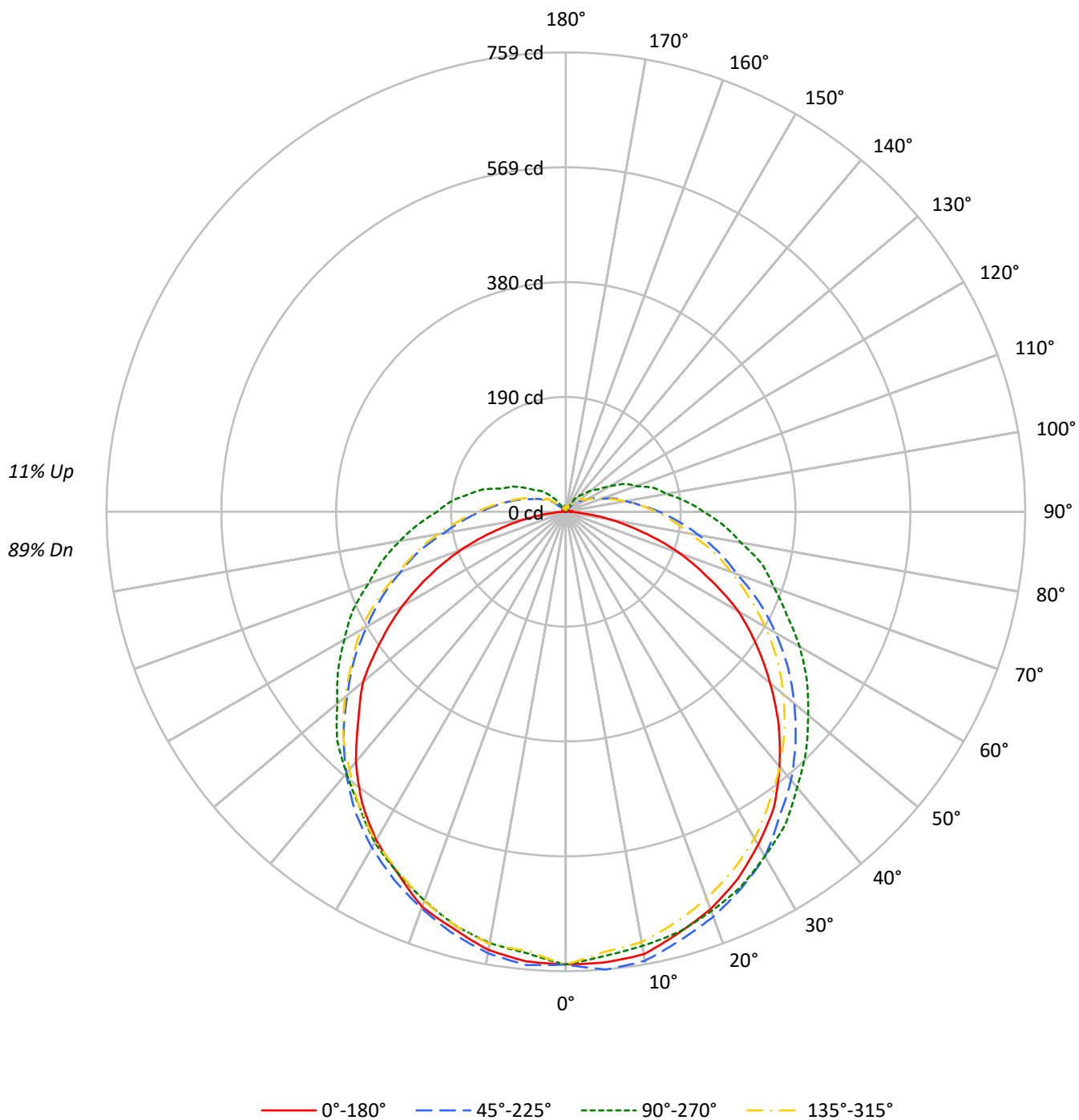
Lumens per Lamp: N/A
Luminaire Lumens: 2824.0 lumens
Efficiency: N/A
Efficacy: 134.5 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.21' x L: 1.95' x H: 0.21')
CIE Type: Semi-Direct

Input Watts (W): 21
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: P995669

CATALOG NUMBER: 2SLSTPSLC-4000K

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°	19353	19353	19353	19353
5°	19224	17591	19186	17489
10°	19134	16270	18951	16161
15°	18751	15191	18576	14946
20°	18499	14183	18393	13799
25°	18207	13313	17881	12806
30°	17850	12449	17605	11960
35°	17564	11737	17227	11049
40°	16992	10916	16686	10357
45°	16401	10267	15975	9776
50°	15684	9597	15581	9051
55°	15014	9033	14553	8539
60°	14327	8448	13588	8009
65°	12939	7839	12260	7578
70°	11611	7389	10733	7010
75°	9458	7097	8472	6640
80°	6938	6558	5991	6225
85°	3242	6260	2833	5864

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16401 cd/sqm

TEST NUMBER: P995669

CATALOG NUMBER: 2SLSTPSLC-4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.8	2.5
10°-20°	203.0	7.2
20°-30°	309.4	11.0
30°-40°	378.5	13.4
40°-50°	403.2	14.3
50°-60°	384.8	13.6
60°-70°	331.1	11.7
70°-80°	255.0	9.0
80°-90°	178.0	6.3
90°-100°	121.2	4.3
100°-110°	80.7	2.9
110°-120°	50.6	1.8
120°-130°	30.0	1.1
130°-140°	15.6	0.6
140°-150°	6.1	0.2
150°-160°	3.4	0.1
160°-170°	2.0	0.1
170°-180°	0.5	0.0
0°-30°	583.2	20.7
0°-40°	961.8	34.1
0°-60°	1749.7	62.0
0°-90°	2513.9	89.0
90°-120°	252.5	8.9
90°-150°	304.2	10.8
90°-180°	310.0	11.0
0°-180°	2824.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	748	748	748	748	748	
5°	747	736	746	732	747	71
15°	720	719	714	707	720	204
25°	670	684	658	658	670	309
35°	599	632	587	595	599	373
45°	497	561	484	534	497	383
55°	385	486	373	460	385	345
65°	261	403	247	389	261	260
75°	133	336	119	314	133	143
85°	25	262	22	246	25	33
90°	6	228	2	212	6	7
95°	11	199	0	191	11	4
105°	1	152	3	142	1	2
115°	3	109	5	98	3	3
125°	4	64	3	61	4	3
135°	5	41	3	40	5	3
145°	4	27	4	3	4	2
155°	3	2	1	6	3	1
165°	3	8	4	10	3	1
175°	4	2	2	6	4	0
180°	5	5	5	5	5	

TEST NUMBER: P995669

CATALOG NUMBER: 2SLSTPSLC-4000K

CANDELA DISTRIBUTION (FULL):

	0°	15°	30°	45°	60°	75°	90°	105°	120°	135°	150°
0°	747.9	747.9	747.9	747.9	747.9	747.9	747.9	747.9	747.9	747.9	747.9
5°	747.2	753.7	734.9	759.2	756.8	748.3	736.5	739.8	741.9	729.9	745.1
10°	742.3	741.2	725.5	753.1	747.1	739.8	728.4	734.6	731.7	721.9	738.1
15°	720.5	729.7	716.8	732.5	733.1	731.0	719.0	718.2	715.6	702.2	721.4
20°	698.6	704.0	695.2	712.0	716.3	716.6	702.5	700.2	694.9	680.0	691.9
25°	670.3	675.3	667.8	686.2	687.3	689.2	683.7	669.5	669.6	653.3	660.9
30°	635.2	640.5	633.7	658.1	660.5	660.1	657.2	648.1	643.2	623.5	631.6
35°	598.7	599.5	604.6	615.0	625.9	632.4	631.7	618.9	611.1	586.1	584.3
40°	549.3	552.2	561.9	578.9	586.7	593.2	594.3	586.7	572.2	549.9	543.0
45°	497.3	500.7	520.0	536.8	549.6	562.8	561.1	550.6	537.7	510.6	497.0
50°	440.5	447.4	470.8	492.8	511.1	518.9	522.5	513.7	496.2	469.2	441.9
55°	384.9	391.3	423.5	447.8	466.5	483.5	486.2	473.2	453.1	426.5	390.4
60°	329.4	335.0	364.7	400.1	423.3	444.4	446.0	438.0	406.2	380.1	343.1
65°	261.0	283.4	314.2	352.1	378.8	409.5	402.6	395.6	370.2	333.9	289.2
70°	199.7	221.4	260.7	300.7	342.7	365.8	366.0	360.1	332.8	290.4	245.2
75°	133.3	168.3	215.1	263.1	303.3	327.4	335.9	322.6	287.9	251.2	195.8
80°	75.5	105.9	168.4	223.1	262.4	285.5	293.6	287.0	249.5	206.1	158.4
85°	24.6	73.0	129.9	186.9	229.1	257.5	262.1	246.7	221.7	178.2	117.3
90°	6.0	41.9	98.2	154.3	194.2	219.9	227.6	219.2	190.9	149.0	90.0
95°	10.9	29.8	77.3	123.3	167.4	188.3	198.7	193.5	163.6	123.1	74.2
100°	0.8	12.3	56.9	100.3	140.4	162.8	169.1	167.8	140.7	99.1	53.7
105°	1.3	17.5	39.5	84.2	115.1	143.6	151.6	140.4	115.0	79.8	35.5
110°	2.6	9.1	26.4	61.9	98.5	119.0	123.6	118.5	97.0	64.0	30.1
115°	2.7	7.5	26.6	53.4	75.7	97.2	109.3	92.0	72.8	51.8	27.3
120°	4.7	7.9	20.6	41.3	65.9	70.0	84.3	78.1	59.6	40.2	22.5
125°	3.6	6.8	19.4	32.2	46.5	61.4	64.2	62.0	51.0	34.2	16.4
130°	2.4	8.1	13.0	24.2	42.9	54.6	54.9	51.2	40.6	33.7	8.8
135°	4.7	7.2	9.9	19.3	35.5	40.6	41.0	41.5	34.0	24.8	7.0
140°	5.4	6.6	7.0	9.6	23.0	31.8	33.9	29.0	29.6	14.6	7.8
145°	4.0	7.8	11.5	6.3	12.0	24.8	26.6	27.9	18.5	4.9	10.4
150°	0.0	7.0	13.0	7.9	7.3	5.5	8.1	7.3	4.2	9.1	13.9
155°	2.7	2.4	11.0	7.9	8.8	3.9	1.9	6.5	6.0	9.6	10.9
160°	2.9	3.1	4.2	5.0	9.1	9.2	10.2	14.6	9.4	11.0	4.2
165°	3.3	5.7	3.6	4.7	10.0	5.4	7.5	11.6	7.6	4.2	7.8
170°	3.3	6.1	1.3	1.8	5.0	3.7	9.2	6.0	8.2	5.4	3.7
175°	4.5	6.3	4.5	4.0	8.4	6.8	2.2	0.5	4.9	10.5	0.0
180°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6

TEST NUMBER: P995669

CATALOG NUMBER: 2SLSTPSLC-4000K

CANDELA DISTRIBUTION (continued):

	165°	180°	195°	210°	225°	240°	255°	270°	285°	300°	315°
0°	747.9	747.9	747.9	747.9	747.9	747.9	747.9	747.9	747.9	747.9	747.9
5°	738.0	745.7	752.2	740.4	751.6	752.9	751.9	732.2	741.4	739.9	728.3
10°	734.1	735.2	738.8	726.0	740.5	742.2	744.3	723.5	731.0	733.5	724.9
15°	711.1	713.8	724.4	708.2	721.4	725.2	725.2	707.4	716.8	711.9	707.8
20°	696.2	694.6	699.1	687.3	697.3	698.8	707.5	683.5	699.1	697.7	684.5
25°	662.5	658.3	662.5	662.5	671.0	676.3	683.1	657.7	675.2	670.4	655.0
30°	631.7	626.5	628.0	630.3	640.7	643.5	656.7	631.4	646.8	641.3	628.7
35°	590.6	587.2	586.1	595.6	606.3	608.3	622.0	594.7	614.1	603.7	594.7
40°	539.4	539.4	541.7	555.8	564.2	575.6	590.3	563.9	580.5	569.9	556.1
45°	494.3	484.4	483.2	506.4	519.5	533.6	548.3	534.3	544.6	529.2	520.8
50°	437.1	437.6	428.8	450.8	471.1	492.0	506.5	492.8	504.6	494.0	476.1
55°	379.9	373.1	370.9	402.4	427.2	454.9	464.6	459.6	465.3	458.8	430.9
60°	320.0	312.4	318.2	352.4	379.8	412.8	426.7	422.8	417.8	408.6	391.4
65°	262.4	247.3	261.0	300.1	335.9	368.5	383.8	389.2	382.8	369.5	343.1
70°	197.9	184.6	203.4	245.0	290.4	323.7	341.9	347.2	343.5	325.8	294.4
75°	141.0	119.4	148.3	200.1	250.7	282.9	305.8	314.3	305.3	291.5	254.9
80°	96.2	65.2	99.3	156.1	204.9	247.6	268.6	278.7	270.6	247.4	214.9
85°	61.7	21.5	61.5	116.0	171.3	214.4	235.2	245.5	237.9	217.8	177.5
90°	33.4	2.4	39.5	90.5	140.9	178.9	207.9	212.5	206.3	181.4	146.4
95°	23.0	0.2	22.8	63.5	116.1	155.0	178.0	191.3	182.5	156.7	120.6
100°	14.2	5.8	14.2	50.4	96.0	131.2	151.8	163.9	154.2	130.2	97.2
105°	12.7	3.1	13.3	41.0	78.1	106.3	129.1	142.2	132.0	112.2	81.8
110°	9.4	1.5	6.8	30.4	61.0	94.3	106.7	111.6	110.7	91.5	65.8
115°	7.6	5.4	0.0	26.9	50.0	75.0	86.0	98.2	93.0	73.2	47.0
120°	5.8	6.8	6.3	15.1	36.6	61.0	70.4	80.0	70.4	62.7	40.2
125°	8.9	2.9	10.5	4.7	33.5	52.7	61.0	60.9	61.4	50.7	37.6
130°	5.4	0.8	11.2	2.6	14.9	38.4	48.4	53.7	50.5	41.2	22.2
135°	6.8	2.7	6.6	7.9	6.5	24.2	42.7	40.3	42.9	30.4	4.2
140°	2.7	2.2	7.3	6.6	4.9	3.7	11.8	25.9	15.7	0.5	3.1
145°	9.9	3.9	9.1	12.1	6.3	8.4	6.8	3.3	7.9	0.2	1.0
150°	7.6	0.0	6.1	12.8	7.3	3.6	1.5	1.3	0.0	2.9	6.1
155°	7.0	1.3	11.5	12.0	7.6	14.1	8.8	5.5	8.9	10.2	7.9
160°	7.6	3.7	6.0	10.5	11.2	9.9	12.1	10.7	8.4	9.9	8.1
165°	9.7	4.3	3.1	9.6	9.1	9.1	7.8	9.6	7.0	9.1	3.3
170°	5.4	5.4	9.2	5.4	10.7	8.4	10.5	6.0	5.8	5.0	6.0
175°	3.9	2.4	5.8	4.3	6.3	5.2	7.5	6.1	6.6	4.7	9.6
180°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6



TEST NUMBER: P995669

CATALOG NUMBER: 2SLSTPSLC-4000K

CANDELA DISTRIBUTION (continued):

	330°	345°	360°
0°	747.9	747.9	747.9
5°	748.0	741.2	747.2
10°	734.6	734.6	742.3
15°	717.1	723.2	720.5
20°	697.3	699.5	698.6
25°	671.4	671.4	670.3
30°	637.2	638.9	635.2
35°	602.3	600.7	598.7
40°	554.0	555.2	549.3
45°	510.0	510.8	497.3
50°	460.1	455.7	440.5
55°	407.6	399.8	384.9
60°	357.6	336.1	329.4
65°	308.0	279.2	261.0
70°	255.2	224.3	199.7
75°	204.7	159.5	133.3
80°	161.9	111.9	75.5
85°	127.0	66.1	24.6
90°	98.0	42.4	6.0
95°	72.7	21.4	10.9
100°	53.9	13.7	0.8
105°	39.4	12.7	1.3
110°	29.0	7.8	2.6
115°	28.2	8.9	2.7
120°	18.0	7.5	4.7
125°	5.7	10.9	3.6
130°	1.6	2.7	2.4
135°	8.9	6.3	4.7
140°	9.1	5.8	5.4
145°	8.2	9.7	4.0
150°	5.7	8.4	0.0
155°	9.1	6.0	2.7
160°	4.7	4.2	2.9
165°	7.6	6.1	3.3
170°	7.8	3.6	3.3
175°	2.2	3.1	4.5
180°	4.6	4.6	4.6

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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	17.66	19.14	18.19	19.67	20.24	20.59	22.07	21.11	22.59	23.17
	3H	19.05	20.40	19.59	20.94	21.55	23.23	24.58	23.77	25.12	25.73
	4H	19.47	20.75	20.02	21.30	21.93	24.53	25.82	25.09	26.37	26.99
	6H	19.69	20.89	20.26	21.45	22.09	25.87	27.06	26.43	27.62	28.27
	8H	19.73	20.88	20.31	21.46	22.11	26.54	27.68	27.12	28.27	28.92
	12H	19.73	20.84	20.32	21.41	22.09	27.25	28.35	27.84	28.93	29.61
4H	2H	18.62	19.91	19.18	20.46	21.08	20.91	22.19	21.47	22.74	23.37
	3H	20.25	21.35	20.82	21.94	22.59	23.76	24.86	24.33	25.45	26.09
	4H	20.80	21.81	21.39	22.41	23.09	25.21	26.22	25.79	26.81	27.49
	6H	21.14	22.04	21.75	22.66	23.35	26.72	27.62	27.33	28.24	28.93
	8H	21.22	22.06	21.83	22.68	23.39	27.50	28.34	28.11	28.97	29.67
	12H	21.25	22.02	21.89	22.67	23.38	28.34	29.11	28.97	29.76	30.46
8H	4H	21.58	22.42	22.19	23.04	23.75	25.36	26.20	25.97	26.82	27.53
	6H	22.12	22.83	22.76	23.50	24.20	27.02	27.73	27.66	28.40	29.11
	8H	22.29	22.94	22.94	23.61	24.33	27.92	28.57	28.57	29.24	29.96
	12H	22.39	22.97	23.05	23.63	24.42	28.93	29.51	29.59	30.17	30.95
12H	4H	21.80	22.56	22.43	23.21	23.92	25.36	26.12	25.99	26.77	27.48
	6H	22.45	23.10	23.11	23.77	24.49	27.04	27.69	27.69	28.36	29.08
	8H	22.73	23.31	23.39	23.97	24.75	28.00	28.58	28.66	29.24	30.02