

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: HALO

Report Number: P997228

Luminaire Tested: **SMX8RLSFS010-1200LM-3500K**

Issue Date: 3/11/2025

**Test Information**

Test Method: LM-41-14
Report Number: P997228
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410770A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX8RLSFS010-1200LM-3500K
Description: 8IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

Summary

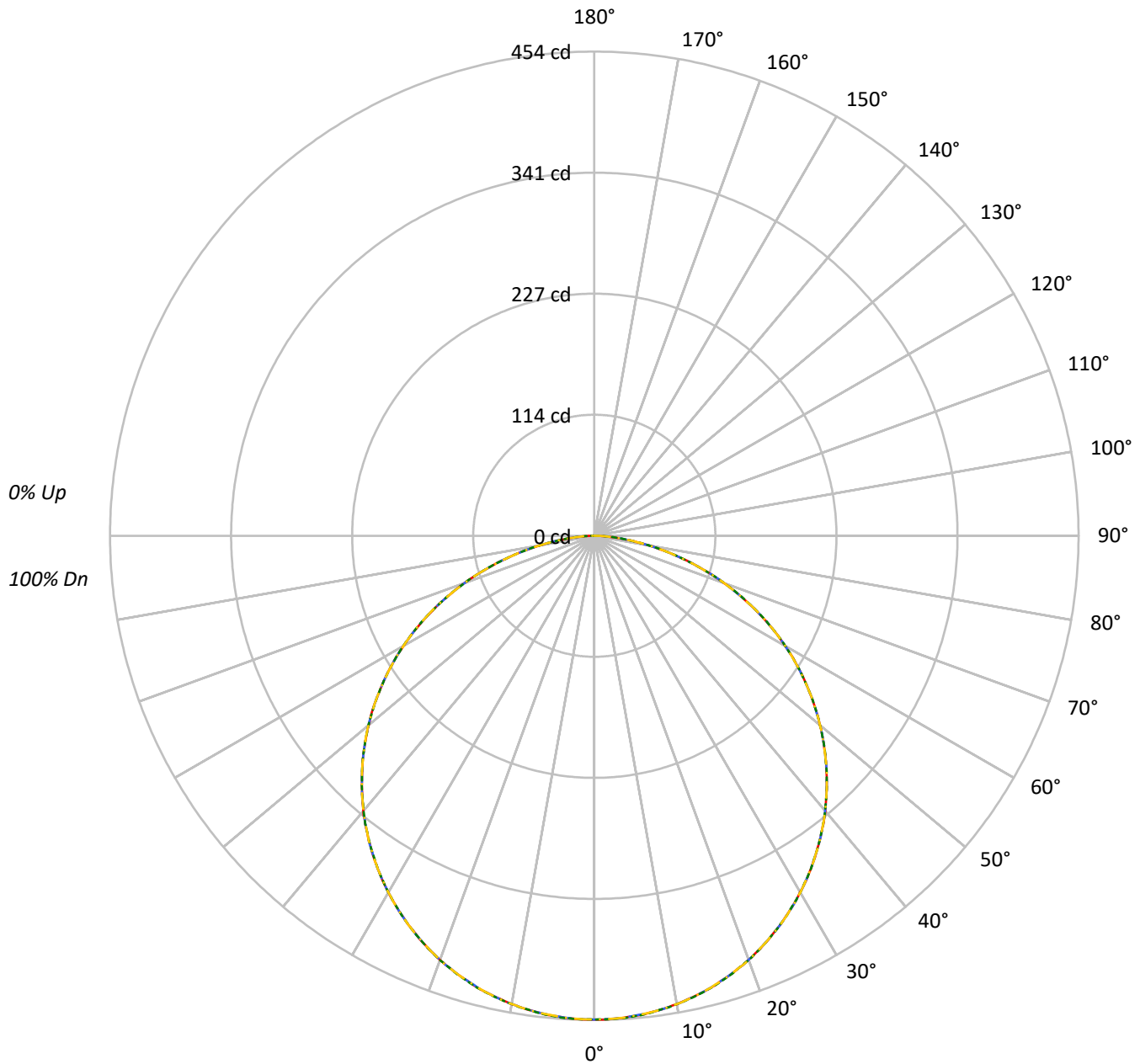
Lumens per Lamp: N/A
Luminaire Lumens: 1319.9 lumens
Efficiency: N/A
Efficacy: 97.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.39
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 13.5
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: 25 FT

TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	109	104	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	83		
2	99	90	83	78	96	88	82	77	85	79	75	82	77	73	78	75	71	69		
3	90	79	71	64	87	78	70	64	75	68	63	72	66	61	69	64	60	58		
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49		
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	49	45	43		
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37		
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33		
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29		
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26		
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13852	13852	13852	13852
5°	13840	13849	13840	13849
10°	13827	13823	13827	13823
15°	13797	13797	13797	13797
20°	13750	13753	13750	13753
25°	13677	13687	13677	13687
30°	13608	13611	13608	13611
35°	13525	13518	13525	13518
40°	13431	13415	13431	13415
45°	13277	13290	13277	13290
50°	13119	13123	13119	13123
55°	12908	12913	12908	12913
60°	12615	12627	12615	12627
65°	12173	12216	12173	12216
70°	11542	11560	11542	11560
75°	10546	10569	10546	10569
80°	9002	9072	9002	9072
85°	6761	7146	6761	7146

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.9	3.3
10°-20°	123.2	9.3
20°-30°	187.2	14.2
30°-40°	227.0	17.2
40°-50°	237.3	18.0
50°-60°	216.7	16.4
60°-70°	166.8	12.6
70°-80°	94.7	7.2
80°-90°	24.3	1.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	353.3	26.8
0°-40°	580.3	44.0
0°-60°	1034.2	78.4
0°-90°	1319.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1319.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	454	454	454	454	454	
5°	452	452	452	452	452	43
15°	436	436	436	436	436	123
25°	406	406	406	406	406	187
35°	363	363	363	363	363	227
45°	308	308	308	308	308	237
55°	242	243	242	243	242	217
65°	168	169	168	169	168	167
75°	89	90	89	90	89	94
85°	19	20	19	20	19	24
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	453.7	453.7	453.7	453.7	453.7	453.7	453.7	453.7	453.7	453.7	453.7
0.5°	453.7	454.0	453.5	453.6	453.6	453.6	453.5	454.0	453.7	454.0	453.5
1°	453.7	453.7	453.5	453.5	453.6	453.5	453.5	453.7	453.7	453.7	453.5
1.5°	453.7	453.6	453.4	453.3	453.5	453.3	453.4	453.6	453.7	453.6	453.4
2°	453.5	453.6	453.3	453.1	453.4	453.1	453.3	453.6	453.5	453.6	453.3
2.5°	453.2	453.4	453.2	453.0	453.3	453.0	453.2	453.4	453.2	453.4	453.2
3°	453.0	452.9	452.8	453.0	453.0	453.0	452.8	452.9	453.0	452.9	452.8
3.5°	452.7	452.7	452.7	452.6	453.0	452.6	452.7	452.7	452.7	452.7	452.7
4°	452.2	452.4	452.2	452.6	452.7	452.6	452.2	452.4	452.2	452.4	452.2
4.5°	452.0	452.1	451.8	452.0	452.4	452.0	451.8	452.1	452.0	452.1	451.8
5°	451.6	451.7	451.5	451.8	451.9	451.8	451.5	451.7	451.6	451.7	451.5
5.5°	451.5	451.3	451.1	451.3	451.7	451.3	451.1	451.3	451.5	451.3	451.1
6°	451.2	450.9	450.7	450.9	451.1	450.9	450.7	450.9	451.2	450.9	450.7
6.5°	450.4	450.2	450.3	450.3	450.7	450.3	450.3	450.2	450.4	450.2	450.3
7°	449.7	449.8	449.7	450.0	450.0	450.0	449.7	449.8	449.7	449.8	449.7
7.5°	449.2	449.4	449.3	449.4	449.3	449.4	449.3	449.4	449.2	449.4	449.3
8°	448.8	448.7	448.8	448.7	448.6	448.7	448.8	448.7	448.8	448.7	448.8
8.5°	448.0	448.2	448.0	447.9	448.1	447.9	448.0	448.2	448.0	448.2	448.0
9°	447.3	447.4	447.4	447.2	447.5	447.2	447.4	447.4	447.3	447.4	447.4
9.5°	446.5	446.8	446.5	446.6	446.7	446.6	446.5	446.8	446.5	446.8	446.5
10°	446.0	445.9	445.9	445.9	445.9	445.9	445.9	445.9	446.0	445.9	445.9
10.5°	444.9	445.2	445.2	445.0	445.2	445.0	445.2	445.2	444.9	445.2	445.2
11°	444.1	444.3	444.3	444.2	444.4	444.2	444.3	444.3	444.1	444.3	444.3
11.5°	443.1	443.6	443.4	443.2	443.5	443.2	443.4	443.6	443.1	443.6	443.4
12°	442.5	442.4	442.3	442.6	442.6	442.6	442.3	442.4	442.5	442.4	442.3
12.5°	441.5	441.7	441.5	441.7	441.7	441.7	441.5	441.7	441.5	441.7	441.5
13°	440.5	440.7	440.5	440.7	440.7	440.7	440.5	440.7	440.5	440.7	440.5
13.5°	439.6	439.6	439.7	439.8	439.8	439.8	439.7	439.6	439.6	439.6	439.7
14°	438.6	438.7	438.5	438.7	438.6	438.7	438.5	438.7	438.6	438.7	438.5
14.5°	437.6	437.6	437.5	437.6	437.8	437.6	437.5	437.6	437.6	437.6	437.5
15°	436.5	436.3	436.1	436.4	436.5	436.4	436.1	436.3	436.5	436.3	436.1
15.5°	435.0	435.2	434.9	435.4	435.4	435.4	434.9	435.2	435.0	435.2	434.9
16°	433.6	433.8	433.7	434.1	434.2	434.1	433.7	433.8	433.6	433.8	433.7
16.5°	432.6	432.8	432.6	432.8	432.9	432.8	432.6	432.8	432.6	432.8	432.6
17°	431.4	431.3	431.4	431.4	431.7	431.4	431.4	431.3	431.4	431.3	431.4
17.5°	430.2	430.0	430.0	430.1	430.4	430.1	430.0	430.0	430.2	430.0	430.0
18°	428.8	428.6	428.7	428.8	429.0	428.8	428.7	428.6	428.8	428.6	428.7
18.5°	427.3	427.2	427.4	427.3	427.4	427.3	427.4	427.2	427.3	427.2	427.4
19°	426.1	425.9	426.1	426.0	425.9	426.0	426.1	425.9	426.1	425.9	426.1
19.5°	424.6	424.6	424.7	424.4	424.5	424.4	424.7	424.6	424.6	424.6	424.7
20°	423.2	423.0	423.1	423.1	423.3	423.1	423.1	423.0	423.2	423.0	423.1
20.5°	421.7	421.4	421.6	421.6	421.8	421.6	421.6	421.4	421.7	421.4	421.6
21°	420.0	419.7	419.9	420.3	420.1	420.3	419.9	419.7	420.0	419.7	419.9

TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	415.0	415.0	415.0	415.0	415.2	415.0	415.0	415.0	415.0	415.0	415.0
23°	413.5	413.1	413.4	413.4	413.4	413.4	413.4	413.1	413.5	413.1	413.4
23.5°	411.8	411.5	411.6	411.7	411.6	411.7	411.6	411.5	411.8	411.5	411.6
24°	409.7	409.6	409.9	410.0	409.9	410.0	409.9	409.6	409.7	409.6	409.9
24.5°	407.9	408.0	408.1	408.1	408.0	408.1	408.1	408.0	407.9	408.0	408.1
25°	406.0	405.9	406.2	406.3	406.3	406.3	406.2	405.9	406.0	405.9	406.2
25.5°	404.4	404.2	404.4	404.4	404.3	404.4	404.4	404.2	404.4	404.2	404.4
26°	402.4	402.3	402.5	402.5	402.5	402.5	402.5	402.3	402.4	402.3	402.5
26.5°	400.4	400.4	400.7	400.5	400.6	400.5	400.7	400.4	400.4	400.4	400.7
27°	398.5	398.4	398.6	398.5	398.6	398.5	398.6	398.4	398.5	398.4	398.6
27.5°	396.6	396.3	396.6	396.5	396.4	396.5	396.6	396.3	396.6	396.3	396.6
28°	394.6	394.1	394.6	394.4	394.4	394.4	394.6	394.1	394.6	394.1	394.6
28.5°	392.4	392.1	392.6	392.3	392.3	392.3	392.6	392.1	392.4	392.1	392.6
29°	390.3	390.2	390.4	390.3	390.5	390.3	390.4	390.2	390.3	390.2	390.4
29.5°	388.3	388.1	388.2	388.1	388.2	388.1	388.2	388.1	388.3	388.1	388.2
30°	386.0	385.9	386.1	386.0	386.1	386.0	386.1	385.9	386.0	385.9	386.1
30.5°	384.0	383.7	383.8	383.8	384.0	383.8	383.8	383.7	384.0	383.7	383.8
31°	381.8	381.4	381.7	381.7	381.6	381.7	381.7	381.4	381.8	381.4	381.7
31.5°	379.6	379.1	379.3	379.5	379.4	379.5	379.3	379.1	379.6	379.1	379.3
32°	377.3	376.9	377.1	377.3	377.1	377.3	377.1	376.9	377.3	376.9	377.1
32.5°	374.8	374.7	374.8	374.9	374.8	374.9	374.8	374.7	374.8	374.7	374.8
33°	372.7	372.3	372.6	372.6	372.6	372.6	372.6	372.3	372.7	372.3	372.6
33.5°	370.1	370.0	370.1	370.1	370.1	370.1	370.1	370.0	370.1	370.0	370.1
34°	367.7	367.7	367.8	367.8	367.5	367.8	367.8	367.7	367.7	367.7	367.8
34.5°	365.4	365.2	365.2	365.2	365.1	365.2	365.2	365.2	365.4	365.2	365.2
35°	362.9	362.8	362.8	362.9	362.7	362.9	362.8	362.8	362.9	362.8	362.8
35.5°	360.2	360.3	360.4	360.3	360.3	360.3	360.4	360.3	360.2	360.3	360.4
36°	357.8	357.8	358.0	357.9	357.7	357.9	358.0	357.8	357.8	357.8	358.0
36.5°	355.4	355.3	355.4	355.1	355.2	355.1	355.4	355.3	355.4	355.3	355.4
37°	352.7	352.7	352.7	352.6	352.5	352.6	352.7	352.7	352.7	352.7	352.7
37.5°	350.1	350.0	350.1	349.9	350.1	349.9	350.1	350.0	350.1	350.0	350.1
38°	347.5	347.2	347.4	347.4	347.5	347.4	347.4	347.2	347.5	347.2	347.4
38.5°	345.1	344.6	344.9	344.8	344.9	344.8	344.9	344.6	345.1	344.6	344.9
39°	342.2	341.9	342.2	342.2	342.2	342.2	342.2	341.9	342.2	341.9	342.2
39.5°	339.9	339.3	339.5	339.3	339.4	339.3	339.5	339.3	339.9	339.3	339.5
40°	337.0	336.6	336.8	336.6	336.6	336.6	336.8	336.6	337.0	336.6	336.8
40.5°	334.0	333.8	333.8	333.8	333.6	333.8	333.8	333.8	334.0	333.8	333.8
41°	331.1	331.0	331.0	331.1	330.8	331.1	331.0	331.0	331.1	331.0	331.0
41.5°	328.1	328.2	328.2	328.2	328.0	328.2	328.2	328.2	328.1	328.2	328.2
42°	325.3	325.4	325.4	325.4	325.4	325.4	325.4	325.4	325.3	325.4	325.4
42.5°	322.5	322.3	322.6	322.5	322.6	322.5	322.6	322.3	322.5	322.3	322.6
43°	319.5	319.4	319.4	319.7	319.7	319.7	319.4	319.4	319.5	319.4	319.4
43.5°	316.5	316.4	316.5	316.7	316.6	316.7	316.5	316.4	316.5	316.4	316.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	307.5	307.5	307.7	307.7	307.8	307.7	307.7	307.5	307.5	307.5	307.7
45.5°	304.8	304.4	304.7	304.5	304.6	304.5	304.7	304.4	304.8	304.4	304.7
46°	301.6	301.4	301.4	301.6	301.6	301.6	301.4	301.4	301.6	301.4	301.4
46.5°	298.5	298.3	298.4	298.4	298.5	298.4	298.4	298.3	298.5	298.3	298.4
47°	295.3	295.3	295.2	295.2	295.4	295.2	295.2	295.3	295.3	295.3	295.2
47.5°	292.2	292.2	292.3	292.4	292.3	292.4	292.3	292.2	292.2	292.2	292.3
48°	289.0	289.1	289.2	289.2	289.0	289.2	289.2	289.1	289.0	289.1	289.2
48.5°	285.7	285.9	286.0	286.1	286.0	286.1	286.0	285.9	285.7	285.9	286.0
49°	282.7	282.6	282.9	282.9	282.7	282.9	282.9	282.6	282.7	282.6	282.9
49.5°	279.5	279.3	279.7	279.6	279.6	279.6	279.7	279.3	279.5	279.3	279.7
50°	276.2	276.1	276.3	276.4	276.3	276.4	276.3	276.1	276.2	276.1	276.3
50.5°	272.9	272.9	273.0	273.2	273.1	273.2	273.0	272.9	272.9	272.9	273.0
51°	269.9	269.6	269.6	270.0	269.7	270.0	269.6	269.6	269.9	269.6	269.6
51.5°	266.6	266.3	266.3	266.5	266.5	266.5	266.3	266.3	266.6	266.3	266.3
52°	263.2	263.0	263.1	263.1	263.1	263.1	263.1	263.0	263.2	263.0	263.1
52.5°	259.8	259.7	259.8	259.7	259.7	259.7	259.8	259.7	259.8	259.7	259.8
53°	256.4	256.2	256.3	256.3	256.3	256.3	256.3	256.2	256.4	256.2	256.3
53.5°	252.8	252.9	253.0	252.9	253.0	252.9	253.0	252.9	252.8	252.9	253.0
54°	249.4	249.3	249.4	249.4	249.4	249.4	249.4	249.3	249.4	249.3	249.4
54.5°	245.9	245.9	246.0	246.0	246.2	246.0	246.0	245.9	245.9	245.9	246.0
55°	242.5	242.4	242.6	242.6	242.6	242.6	242.6	242.4	242.5	242.4	242.6
55.5°	238.9	239.0	239.1	239.0	239.1	239.0	239.1	239.0	238.9	239.0	239.1
56°	235.6	235.6	235.4	235.6	235.4	235.6	235.4	235.6	235.6	235.6	235.4
56.5°	232.2	232.1	231.9	232.1	232.1	232.1	231.9	232.1	232.2	232.1	231.9
57°	228.5	228.5	228.4	228.5	228.5	228.5	228.4	228.5	228.5	228.5	228.4
57.5°	224.8	224.9	224.8	225.0	224.8	225.0	224.8	224.9	224.8	224.9	224.8
58°	221.4	221.3	221.3	221.3	221.2	221.3	221.3	221.3	221.4	221.3	221.3
58.5°	217.8	217.8	217.7	217.7	217.8	217.7	217.7	217.8	217.8	217.8	217.7
59°	214.0	214.0	214.1	214.1	214.1	214.1	214.1	214.0	214.0	214.0	214.1
59.5°	210.4	210.3	210.5	210.5	210.5	210.5	210.5	210.3	210.4	210.3	210.5
60°	206.6	206.6	206.7	207.0	206.8	207.0	206.7	206.6	206.6	206.6	206.7
60.5°	203.0	203.0	202.9	203.2	203.2	203.2	202.9	203.0	203.0	203.0	202.9
61°	199.2	199.2	199.1	199.4	199.4	199.4	199.1	199.2	199.2	199.2	199.1
61.5°	195.6	195.5	195.5	195.7	195.7	195.7	195.5	195.5	195.6	195.5	195.5
62°	191.8	191.7	191.7	191.9	191.9	191.9	191.7	191.7	191.8	191.7	191.7
62.5°	187.9	187.9	188.0	188.0	188.2	188.0	188.0	187.9	187.9	187.9	188.0
63°	184.2	184.1	184.3	184.1	184.3	184.1	184.3	184.1	184.2	184.1	184.3
63.5°	180.2	180.4	180.4	180.3	180.4	180.3	180.4	180.4	180.2	180.4	180.4
64°	176.4	176.4	176.5	176.4	176.7	176.4	176.5	176.4	176.4	176.4	176.5
64.5°	172.5	172.6	172.7	172.6	172.9	172.6	172.7	172.6	172.5	172.6	172.7
65°	168.5	168.7	168.9	168.9	169.1	168.9	168.9	168.7	168.5	168.7	168.9
65.5°	164.8	164.9	164.9	164.9	165.1	164.9	164.9	164.9	164.8	164.9	164.9
66°	160.9	160.9	161.0	161.0	161.1	161.0	161.0	160.9	160.9	160.9	161.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	149.1	149.1	149.2	149.2	149.4	149.2	149.2	149.1	149.1	149.1	149.2
68°	145.1	145.3	145.1	145.3	145.5	145.3	145.1	145.3	145.1	145.3	145.1
68.5°	141.3	141.3	141.2	141.4	141.6	141.4	141.2	141.3	141.3	141.3	141.2
69°	137.2	137.3	137.3	137.4	137.5	137.4	137.3	137.3	137.2	137.3	137.3
69.5°	133.2	133.4	133.4	133.2	133.4	133.2	133.4	133.4	133.2	133.4	133.4
70°	129.3	129.3	129.4	129.3	129.5	129.3	129.4	129.3	129.3	129.3	129.4
70.5°	125.4	125.4	125.3	125.5	125.4	125.5	125.3	125.4	125.4	125.4	125.3
71°	121.3	121.6	121.5	121.4	121.4	121.4	121.5	121.6	121.3	121.6	121.5
71.5°	117.3	117.4	117.3	117.4	117.4	117.4	117.3	117.4	117.3	117.4	117.3
72°	113.3	113.3	113.3	113.5	113.4	113.5	113.3	113.3	113.3	113.3	113.3
72.5°	109.3	109.3	109.3	109.4	109.4	109.4	109.3	109.3	109.3	109.3	109.3
73°	105.3	105.3	105.4	105.5	105.4	105.5	105.4	105.3	105.3	105.3	105.4
73.5°	101.2	101.3	101.4	101.5	101.4	101.5	101.4	101.3	101.2	101.3	101.4
74°	97.3	97.5	97.4	97.6	97.5	97.6	97.4	97.5	97.3	97.5	97.4
74.5°	93.3	93.3	93.4	93.6	93.6	93.6	93.4	93.3	93.3	93.3	93.4
75°	89.4	89.4	89.5	89.6	89.6	89.6	89.5	89.4	89.4	89.4	89.5
75.5°	85.5	85.4	85.5	85.6	85.8	85.6	85.5	85.4	85.5	85.4	85.5
76°	81.5	81.5	81.6	81.7	81.8	81.7	81.6	81.5	81.5	81.5	81.6
76.5°	77.4	77.5	77.7	77.9	78.0	77.9	77.7	77.5	77.4	77.5	77.7
77°	73.6	73.7	73.8	74.0	74.3	74.0	73.8	73.7	73.6	73.7	73.8
77.5°	69.7	69.8	69.9	70.2	70.4	70.2	69.9	69.8	69.7	69.8	69.9
78°	65.9	65.9	66.2	66.3	66.6	66.3	66.2	65.9	65.9	65.9	66.2
78.5°	62.1	62.2	62.4	62.5	62.7	62.5	62.4	62.2	62.1	62.2	62.4
79°	58.5	58.5	58.7	58.9	59.2	58.9	58.7	58.5	58.5	58.5	58.7
79.5°	54.9	54.8	55.0	55.2	55.3	55.2	55.0	54.8	54.9	54.8	55.0
80°	51.2	51.3	51.4	51.6	51.6	51.6	51.4	51.3	51.2	51.3	51.4
80.5°	47.7	47.7	47.9	48.1	48.1	48.1	47.9	47.7	47.7	47.7	47.9
81°	44.3	44.3	44.5	44.6	44.5	44.6	44.5	44.3	44.3	44.3	44.5
81.5°	40.8	40.8	41.0	41.1	41.1	41.1	41.0	40.8	40.8	40.8	41.0
82°	37.5	37.4	37.6	37.8	37.9	37.8	37.6	37.4	37.5	37.4	37.6
82.5°	34.1	34.1	34.3	34.7	34.8	34.7	34.3	34.1	34.1	34.1	34.3
83°	30.9	30.9	31.3	31.7	31.8	31.7	31.3	30.9	30.9	30.9	31.3
83.5°	27.6	27.8	28.2	28.5	28.8	28.5	28.2	27.8	27.6	27.8	28.2
84°	24.6	24.9	25.3	25.7	25.9	25.7	25.3	24.9	24.6	24.9	25.3
84.5°	22.0	22.1	22.5	22.9	23.4	22.9	22.5	22.1	22.0	22.1	22.5
85°	19.3	19.5	19.9	20.2	20.4	20.2	19.9	19.5	19.3	19.5	19.9
85.5°	16.8	17.0	17.3	17.8	18.2	17.8	17.3	17.0	16.8	17.0	17.3
86°	14.5	14.7	15.1	15.5	15.9	15.5	15.1	14.7	14.5	14.7	15.1
86.5°	12.4	12.5	13.0	13.5	14.0	13.5	13.0	12.5	12.4	12.5	13.0
87°	10.3	10.5	11.1	11.5	12.1	11.5	11.1	10.5	10.3	10.5	11.1
87.5°	8.5	8.8	9.3	9.7	10.4	9.7	9.3	8.8	8.5	8.8	9.3
88°	6.9	7.3	7.7	8.2	8.7	8.2	7.7	7.3	6.9	7.3	7.7
88.5°	5.6	5.8	6.2	6.7	7.3	6.7	6.2	5.8	5.6	5.8	6.2

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

Scaled Data Report



TEST NUMBER: P997228
CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	453.7	453.7	453.7	453.7	453.7	453.7
0.5°	453.6	453.6	453.6	453.5	454.0	453.7
1°	453.5	453.6	453.5	453.5	453.7	453.7
1.5°	453.3	453.5	453.3	453.4	453.6	453.7
2°	453.1	453.4	453.1	453.3	453.6	453.5
2.5°	453.0	453.3	453.0	453.2	453.4	453.2
3°	453.0	453.0	453.0	452.8	452.9	453.0
3.5°	452.6	453.0	452.6	452.7	452.7	452.7
4°	452.6	452.7	452.6	452.2	452.4	452.2
4.5°	452.0	452.4	452.0	451.8	452.1	452.0
5°	451.8	451.9	451.8	451.5	451.7	451.6
5.5°	451.3	451.7	451.3	451.1	451.3	451.5
6°	450.9	451.1	450.9	450.7	450.9	451.2
6.5°	450.3	450.7	450.3	450.3	450.2	450.4
7°	450.0	450.0	450.0	449.7	449.8	449.7
7.5°	449.4	449.3	449.4	449.3	449.4	449.2
8°	448.7	448.6	448.7	448.8	448.7	448.8
8.5°	447.9	448.1	447.9	448.0	448.2	448.0
9°	447.2	447.5	447.2	447.4	447.4	447.3
9.5°	446.6	446.7	446.6	446.5	446.8	446.5
10°	445.9	445.9	445.9	445.9	445.9	446.0
10.5°	445.0	445.2	445.0	445.2	445.2	444.9
11°	444.2	444.4	444.2	444.3	444.3	444.1
11.5°	443.2	443.5	443.2	443.4	443.6	443.1
12°	442.6	442.6	442.6	442.3	442.4	442.5
12.5°	441.7	441.7	441.7	441.5	441.7	441.5
13°	440.7	440.7	440.7	440.5	440.7	440.5
13.5°	439.8	439.8	439.8	439.7	439.6	439.6
14°	438.7	438.6	438.7	438.5	438.7	438.6
14.5°	437.6	437.8	437.6	437.5	437.6	437.6
15°	436.4	436.5	436.4	436.1	436.3	436.5
15.5°	435.4	435.4	435.4	434.9	435.2	435.0
16°	434.1	434.2	434.1	433.7	433.8	433.6
16.5°	432.8	432.9	432.8	432.6	432.8	432.6
17°	431.4	431.7	431.4	431.4	431.3	431.4
17.5°	430.1	430.4	430.1	430.0	430.0	430.2
18°	428.8	429.0	428.8	428.7	428.6	428.8
18.5°	427.3	427.4	427.3	427.4	427.2	427.3
19°	426.0	425.9	426.0	426.1	425.9	426.1
19.5°	424.4	424.5	424.4	424.7	424.6	424.6
20°	423.1	423.3	423.1	423.1	423.0	423.2
20.5°	421.6	421.8	421.6	421.6	421.4	421.7
21°	420.3	420.1	420.3	419.9	419.7	420.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	415.0	415.2	415.0	415.0	415.0	415.0
23°	413.4	413.4	413.4	413.4	413.1	413.5
23.5°	411.7	411.6	411.7	411.6	411.5	411.8
24°	410.0	409.9	410.0	409.9	409.6	409.7
24.5°	408.1	408.0	408.1	408.1	408.0	407.9
25°	406.3	406.3	406.3	406.2	405.9	406.0
25.5°	404.4	404.3	404.4	404.4	404.2	404.4
26°	402.5	402.5	402.5	402.5	402.3	402.4
26.5°	400.5	400.6	400.5	400.7	400.4	400.4
27°	398.5	398.6	398.5	398.6	398.4	398.5
27.5°	396.5	396.4	396.5	396.6	396.3	396.6
28°	394.4	394.4	394.4	394.6	394.1	394.6
28.5°	392.3	392.3	392.3	392.6	392.1	392.4
29°	390.3	390.5	390.3	390.4	390.2	390.3
29.5°	388.1	388.2	388.1	388.2	388.1	388.3
30°	386.0	386.1	386.0	386.1	385.9	386.0
30.5°	383.8	384.0	383.8	383.8	383.7	384.0
31°	381.7	381.6	381.7	381.7	381.4	381.8
31.5°	379.5	379.4	379.5	379.3	379.1	379.6
32°	377.3	377.1	377.3	377.1	376.9	377.3
32.5°	374.9	374.8	374.9	374.8	374.7	374.8
33°	372.6	372.6	372.6	372.6	372.3	372.7
33.5°	370.1	370.1	370.1	370.1	370.0	370.1
34°	367.8	367.5	367.8	367.8	367.7	367.7
34.5°	365.2	365.1	365.2	365.2	365.2	365.4
35°	362.9	362.7	362.9	362.8	362.8	362.9
35.5°	360.3	360.3	360.3	360.4	360.3	360.2
36°	357.9	357.7	357.9	358.0	357.8	357.8
36.5°	355.1	355.2	355.1	355.4	355.3	355.4
37°	352.6	352.5	352.6	352.7	352.7	352.7
37.5°	349.9	350.1	349.9	350.1	350.0	350.1
38°	347.4	347.5	347.4	347.4	347.2	347.5
38.5°	344.8	344.9	344.8	344.9	344.6	345.1
39°	342.2	342.2	342.2	342.2	341.9	342.2
39.5°	339.3	339.4	339.3	339.5	339.3	339.9
40°	336.6	336.6	336.6	336.8	336.6	337.0
40.5°	333.8	333.6	333.8	333.8	333.8	334.0
41°	331.1	330.8	331.1	331.0	331.0	331.1
41.5°	328.2	328.0	328.2	328.2	328.2	328.1
42°	325.4	325.4	325.4	325.4	325.4	325.3
42.5°	322.5	322.6	322.5	322.6	322.3	322.5
43°	319.7	319.7	319.7	319.4	319.4	319.5
43.5°	316.7	316.6	316.7	316.5	316.4	316.5

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	307.7	307.8	307.7	307.7	307.5	307.5
45.5°	304.5	304.6	304.5	304.7	304.4	304.8
46°	301.6	301.6	301.6	301.4	301.4	301.6
46.5°	298.4	298.5	298.4	298.4	298.3	298.5
47°	295.2	295.4	295.2	295.2	295.3	295.3
47.5°	292.4	292.3	292.4	292.3	292.2	292.2
48°	289.2	289.0	289.2	289.2	289.1	289.0
48.5°	286.1	286.0	286.1	286.0	285.9	285.7
49°	282.9	282.7	282.9	282.9	282.6	282.7
49.5°	279.6	279.6	279.6	279.7	279.3	279.5
50°	276.4	276.3	276.4	276.3	276.1	276.2
50.5°	273.2	273.1	273.2	273.0	272.9	272.9
51°	270.0	269.7	270.0	269.6	269.6	269.9
51.5°	266.5	266.5	266.5	266.3	266.3	266.6
52°	263.1	263.1	263.1	263.1	263.0	263.2
52.5°	259.7	259.7	259.7	259.8	259.7	259.8
53°	256.3	256.3	256.3	256.3	256.2	256.4
53.5°	252.9	253.0	252.9	253.0	252.9	252.8
54°	249.4	249.4	249.4	249.4	249.3	249.4
54.5°	246.0	246.2	246.0	246.0	245.9	245.9
55°	242.6	242.6	242.6	242.6	242.4	242.5
55.5°	239.0	239.1	239.0	239.1	239.0	238.9
56°	235.6	235.4	235.6	235.4	235.6	235.6
56.5°	232.1	232.1	232.1	231.9	232.1	232.2
57°	228.5	228.5	228.5	228.4	228.5	228.5
57.5°	225.0	224.8	225.0	224.8	224.9	224.8
58°	221.3	221.2	221.3	221.3	221.3	221.4
58.5°	217.7	217.8	217.7	217.7	217.8	217.8
59°	214.1	214.1	214.1	214.1	214.0	214.0
59.5°	210.5	210.5	210.5	210.5	210.3	210.4
60°	207.0	206.8	207.0	206.7	206.6	206.6
60.5°	203.2	203.2	203.2	202.9	203.0	203.0
61°	199.4	199.4	199.4	199.1	199.2	199.2
61.5°	195.7	195.7	195.7	195.5	195.5	195.6
62°	191.9	191.9	191.9	191.7	191.7	191.8
62.5°	188.0	188.2	188.0	188.0	187.9	187.9
63°	184.1	184.3	184.1	184.3	184.1	184.2
63.5°	180.3	180.4	180.3	180.4	180.4	180.2
64°	176.4	176.7	176.4	176.5	176.4	176.4
64.5°	172.6	172.9	172.6	172.7	172.6	172.5
65°	168.9	169.1	168.9	168.9	168.7	168.5
65.5°	164.9	165.1	164.9	164.9	164.9	164.8
66°	161.0	161.1	161.0	161.0	160.9	160.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997228

CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	149.2	149.4	149.2	149.2	149.1	149.1
68°	145.3	145.5	145.3	145.1	145.3	145.1
68.5°	141.4	141.6	141.4	141.2	141.3	141.3
69°	137.4	137.5	137.4	137.3	137.3	137.2
69.5°	133.2	133.4	133.2	133.4	133.4	133.2
70°	129.3	129.5	129.3	129.4	129.3	129.3
70.5°	125.5	125.4	125.5	125.3	125.4	125.4
71°	121.4	121.4	121.4	121.5	121.6	121.3
71.5°	117.4	117.4	117.4	117.3	117.4	117.3
72°	113.5	113.4	113.5	113.3	113.3	113.3
72.5°	109.4	109.4	109.4	109.3	109.3	109.3
73°	105.5	105.4	105.5	105.4	105.3	105.3
73.5°	101.5	101.4	101.5	101.4	101.3	101.2
74°	97.6	97.5	97.6	97.4	97.5	97.3
74.5°	93.6	93.6	93.6	93.4	93.3	93.3
75°	89.6	89.6	89.6	89.5	89.4	89.4
75.5°	85.6	85.8	85.6	85.5	85.4	85.5
76°	81.7	81.8	81.7	81.6	81.5	81.5
76.5°	77.9	78.0	77.9	77.7	77.5	77.4
77°	74.0	74.3	74.0	73.8	73.7	73.6
77.5°	70.2	70.4	70.2	69.9	69.8	69.7
78°	66.3	66.6	66.3	66.2	65.9	65.9
78.5°	62.5	62.7	62.5	62.4	62.2	62.1
79°	58.9	59.2	58.9	58.7	58.5	58.5
79.5°	55.2	55.3	55.2	55.0	54.8	54.9
80°	51.6	51.6	51.6	51.4	51.3	51.2
80.5°	48.1	48.1	48.1	47.9	47.7	47.7
81°	44.6	44.5	44.6	44.5	44.3	44.3
81.5°	41.1	41.1	41.1	41.0	40.8	40.8
82°	37.8	37.9	37.8	37.6	37.4	37.5
82.5°	34.7	34.8	34.7	34.3	34.1	34.1
83°	31.7	31.8	31.7	31.3	30.9	30.9
83.5°	28.5	28.8	28.5	28.2	27.8	27.6
84°	25.7	25.9	25.7	25.3	24.9	24.6
84.5°	22.9	23.4	22.9	22.5	22.1	22.0
85°	20.2	20.4	20.2	19.9	19.5	19.3
85.5°	17.8	18.2	17.8	17.3	17.0	16.8
86°	15.5	15.9	15.5	15.1	14.7	14.5
86.5°	13.5	14.0	13.5	13.0	12.5	12.4
87°	11.5	12.1	11.5	11.1	10.5	10.3
87.5°	9.7	10.4	9.7	9.3	8.8	8.5
88°	8.2	8.7	8.2	7.7	7.3	6.9
88.5°	6.7	7.3	6.7	6.2	5.8	5.6

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

Scaled Data Report



TEST NUMBER: P997228
CATALOG NUMBER: SMX8RLSFS010-1200LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





— 0°-180° - - 45°-225° - - - - 90°-270° - · - 135°-315°

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report





21.5°	418.4	418.2	418.3	418.4	418.5	418.4	418.3	418.2	418.4	418.2	418.3
22°	416.9	416.6	416.6	416.7	416.8	416.7	416.6	416.6	416.9	416.6	416.6



44°	313.5	313.5	313.6	313.9	313.7	313.9	313.6	313.5	313.5	313.5	313.6
44.5°	310.5	310.5	310.7	310.8	310.8	310.8	310.7	310.5	310.5	310.5	310.7



66.5°	157.0	156.9	157.0	157.0	157.2	157.0	157.0	156.9	157.0	156.9	157.0
67°	153.1	153.0	153.1	153.1	153.3	153.1	153.1	153.0	153.1	153.0	153.1



89°	4.4	4.6	5.0	5.5	6.0	5.5	5.0	4.6	4.4	4.6	5.0
89.5°	3.4	3.6	3.9	4.4	4.9	4.4	3.9	3.6	3.4	3.6	3.9

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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

Scaled Data Report



21.5°	418.4	418.5	418.4	418.3	418.2	418.4
22°	416.7	416.8	416.7	416.6	416.6	416.9

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

Scaled Data Report



44°	313.9	313.7	313.9	313.6	313.5	313.5
44.5°	310.8	310.8	310.8	310.7	310.5	310.5

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

Scaled Data Report



66.5°	157.0	157.2	157.0	157.0	156.9	157.0
67°	153.1	153.3	153.1	153.1	153.0	153.1

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

Scaled Data Report



89°	5.5	6.0	5.5	5.0	4.6	4.4
89.5°	4.4	4.9	4.4	3.9	3.6	3.4

Classified

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



(END OF REPORT)