

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: P997227

Luminaire Tested: **SMX8RLSFS010-1200LM-3000K**

Issue Date: 3/11/2025

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

**Test Information**

Test Method: LM-41-14
Report Number: P997227
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-3000K
Description: 8IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

Summary

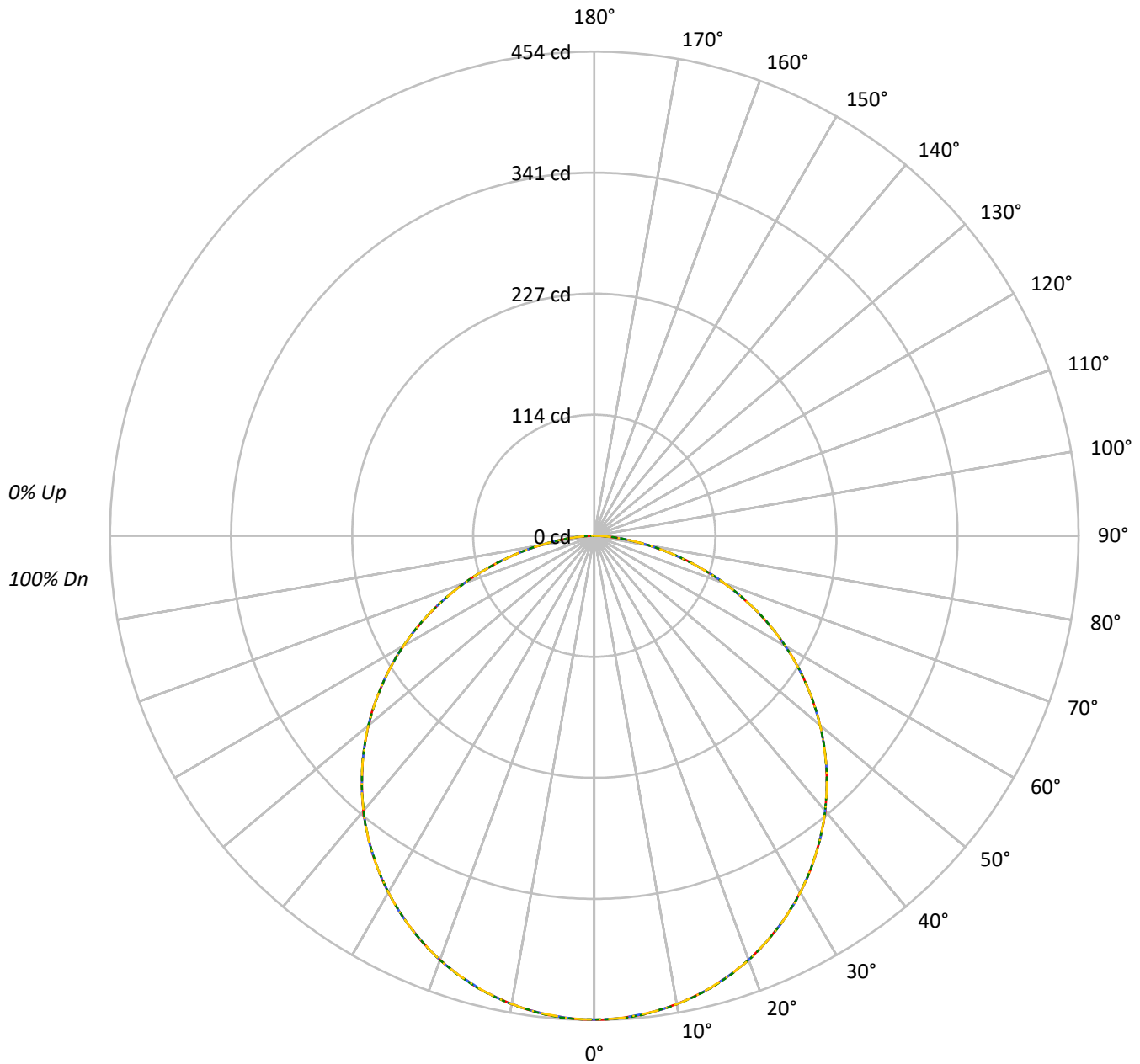
Lumens per Lamp: N/A
Luminaire Lumens: 1319.9 lumens
Efficiency: N/A
Efficacy: 97.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.39
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

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

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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					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



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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	

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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

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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

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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: P997227

CATALOG NUMBER: SMX8RLSFS010-1200LM-3000K

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: P997227
CATALOG NUMBER: SMX8RLSFS010-1200LM-3000K

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: P997227

CATALOG NUMBER: SMX8RLSFS010-1200LM-3000K

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: P997227

CATALOG NUMBER: SMX8RLSFS010-1200LM-3000K

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: P997227

CATALOG NUMBER: SMX8RLSFS010-1200LM-3000K

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: P997227

CATALOG NUMBER: SMX8RLSFS010-1200LM-3000K

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

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Scaled Data Report



TEST NUMBER: P997227
CATALOG NUMBER: SMX8RLSFS010-1200LM-3000K

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

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Scaled Data Report

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Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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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

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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

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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

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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

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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

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(END OF REPORT)