

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: P997241

Luminaire Tested: **SMX8SLSFS010-1200LM-2700K**

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: P997241
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2411376A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX8SLSFS010-1200LM-2700K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

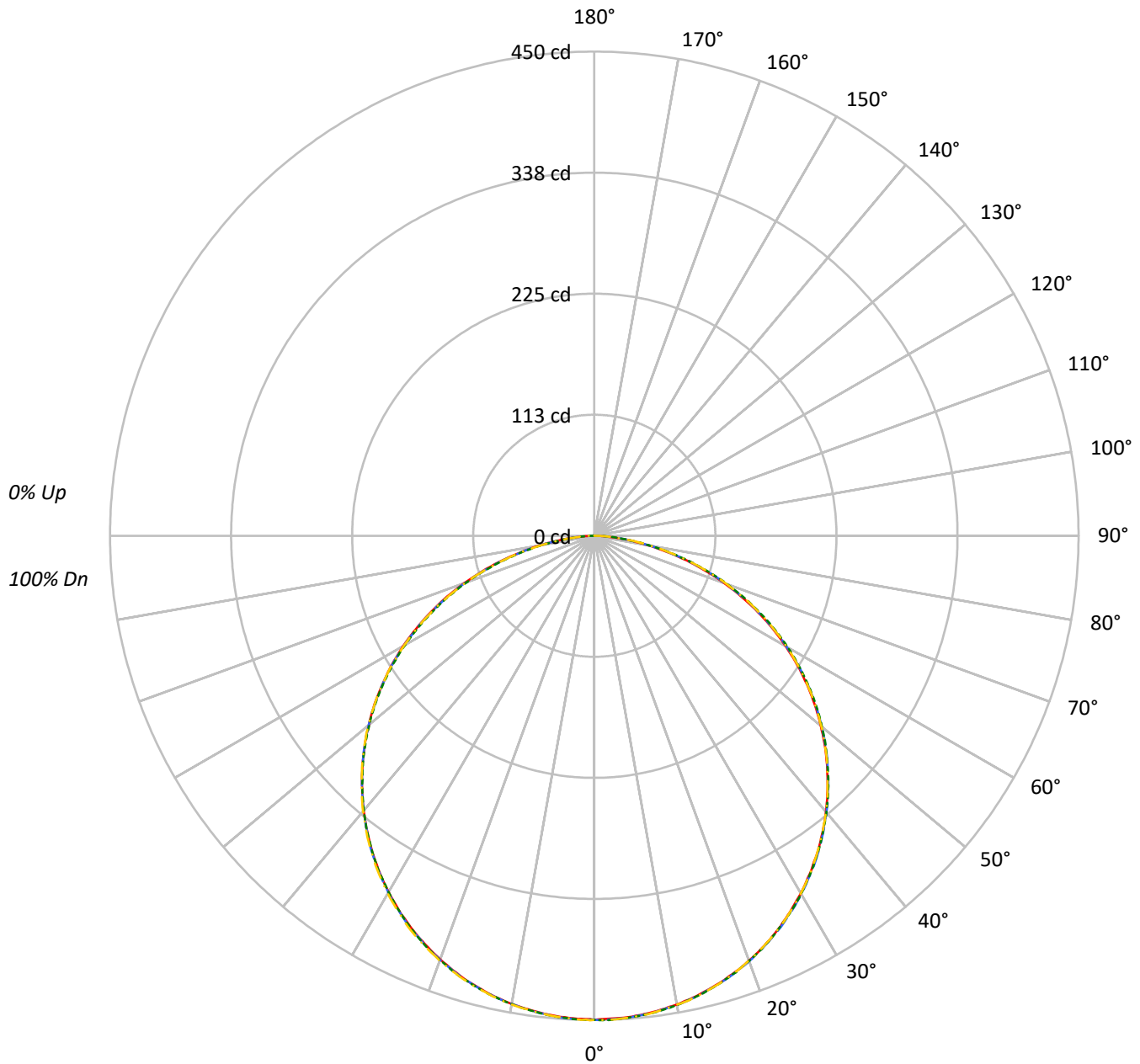
Lumens per Lamp: N/A
Luminaire Lumens: 1310.5 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 13.3
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	84		
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	50	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°	10790	10790	10790	10790
5°	10776	10793	10769	10783
10°	10769	10784	10757	10762
15°	10749	10761	10729	10741
20°	10722	10727	10687	10710
25°	10678	10686	10641	10649
30°	10624	10643	10585	10591
35°	10559	10573	10520	10523
40°	10483	10502	10436	10430
45°	10377	10411	10336	10316
50°	10251	10303	10203	10176
55°	10083	10154	10054	9991
60°	9850	9956	9836	9745
65°	9504	9651	9504	9373
70°	9002	9198	9016	8827
75°	8218	8477	8245	7977
80°	6987	7346	7042	6670
85°	5145	5778	5310	4677

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.6	3.2
10°-20°	122.2	9.3
20°-30°	185.9	14.2
30°-40°	225.4	17.2
40°-50°	235.8	18.0
50°-60°	215.3	16.4
60°-70°	165.7	12.6
70°-80°	94.0	7.2
80°-90°	23.5	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°	350.7	26.8
0°-40°	576.2	44.0
0°-60°	1027.3	78.4
0°-90°	1310.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1310.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	450	450	450	450	450	
5°	448	448	447	448	448	43
15°	433	434	432	433	433	122
25°	404	404	402	402	404	186
35°	361	361	359	360	361	226
45°	306	307	305	304	306	236
55°	241	243	240	239	241	215
65°	168	170	168	165	168	166
75°	89	92	89	86	89	94
85°	19	21	19	17	19	23
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°	450.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0	450.0
0.5°	449.4	450.0	450.1	450.1	450.2	449.7	450.1	450.0	449.3	450.0	449.9
1°	449.4	450.2	450.0	450.2	450.3	449.7	450.2	450.0	449.2	450.1	449.7
1.5°	449.2	449.9	449.9	450.1	450.4	449.6	450.2	449.8	449.1	450.0	449.7
2°	449.1	449.8	449.7	450.1	450.3	449.5	450.0	449.8	449.2	449.8	449.5
2.5°	448.9	449.5	449.5	449.7	449.9	449.5	449.8	449.5	448.9	449.5	449.5
3°	448.9	449.3	449.3	449.5	449.6	449.2	449.6	449.5	448.8	449.3	449.3
3.5°	448.7	449.2	449.2	449.3	449.3	449.0	449.3	448.9	448.4	449.0	449.1
4°	448.6	448.9	448.8	449.1	449.1	448.8	449.1	448.7	448.3	448.8	448.8
4.5°	448.3	448.3	448.5	448.8	448.7	448.5	448.8	448.3	447.8	448.5	448.3
5°	447.7	448.2	448.1	448.6	448.4	448.0	448.3	448.1	447.4	447.9	447.9
5.5°	447.4	447.7	447.7	448.0	448.0	447.7	448.2	447.6	447.0	447.4	447.3
6°	446.8	447.4	447.3	447.8	447.7	447.2	447.7	447.2	446.6	447.0	446.9
6.5°	446.5	446.9	446.8	447.2	447.2	446.8	447.3	446.8	446.1	446.3	446.3
7°	446.0	446.5	446.4	447.0	446.9	446.3	446.5	446.4	445.4	446.0	446.0
7.5°	445.6	445.7	445.8	446.3	446.2	445.9	446.1	445.7	444.9	445.4	445.3
8°	444.7	445.3	445.3	445.7	445.6	445.2	445.2	445.0	444.3	444.7	444.8
8.5°	444.3	444.7	444.7	444.8	444.9	444.8	444.9	444.4	443.7	444.0	444.0
9°	443.5	444.1	444.0	444.4	444.5	444.0	444.0	443.9	443.1	443.2	443.4
9.5°	443.0	443.4	443.4	443.6	443.6	443.2	443.5	443.1	442.5	442.5	442.6
10°	442.3	442.8	442.9	443.0	442.9	442.4	442.5	442.5	441.8	442.0	441.9
10.5°	441.5	442.0	442.1	442.2	442.2	441.8	442.0	441.5	441.0	441.1	441.2
11°	440.5	441.3	441.2	441.5	441.3	440.9	441.4	441.0	440.2	440.2	440.5
11.5°	439.9	440.5	440.2	440.6	440.4	440.4	440.7	440.1	439.3	439.6	439.5
12°	439.1	439.7	439.6	439.6	439.8	439.2	439.6	438.9	438.4	438.8	438.8
12.5°	438.2	438.8	438.7	438.7	438.5	438.4	438.8	438.1	437.5	437.8	437.7
13°	437.1	438.0	437.6	437.9	437.8	437.3	437.6	437.2	436.5	436.6	436.9
13.5°	436.1	436.9	436.6	436.8	436.8	436.5	436.7	436.4	435.5	435.8	435.7
14°	435.0	436.0	435.4	435.9	435.7	435.5	435.5	435.3	434.3	434.6	434.8
14.5°	434.1	434.9	434.6	434.7	434.5	434.3	434.5	434.2	433.2	433.6	433.5
15°	433.0	434.0	433.5	433.7	433.5	433.2	433.4	433.2	432.2	432.5	432.6
15.5°	432.0	432.7	432.5	432.3	432.4	432.1	432.4	431.8	431.1	431.4	431.2
16°	430.9	431.6	431.2	431.2	431.3	431.0	431.1	430.7	430.1	429.9	430.2
16.5°	429.7	430.5	430.1	430.1	429.9	429.6	429.9	429.4	428.7	429.0	428.7
17°	428.2	429.3	428.8	428.8	428.9	428.4	428.7	428.2	427.4	427.5	427.6
17.5°	427.1	427.8	427.6	427.5	427.3	427.2	427.5	427.0	425.9	426.3	426.3
18°	425.8	426.5	426.3	426.3	426.4	425.8	426.0	425.6	424.7	424.8	425.2
18.5°	424.7	425.1	425.0	424.8	424.7	424.4	424.7	424.2	423.2	423.5	423.5
19°	423.1	424.0	423.7	423.5	423.3	422.9	423.1	422.6	421.7	421.9	422.2
19.5°	421.7	422.5	422.3	422.0	421.7	421.6	421.7	421.1	420.4	420.5	420.7
20°	420.2	421.2	420.8	420.6	420.4	420.3	420.2	419.7	418.8	418.9	419.4
20.5°	418.8	419.5	419.4	418.9	419.0	418.9	418.8	418.3	417.3	417.5	417.7
21°	417.2	418.1	417.7	417.6	417.5	417.3	417.3	416.5	415.8	416.1	416.4

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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°	412.5	413.0	412.9	412.7	412.6	412.5	412.4	411.6	410.8	411.3	411.4
23°	410.8	411.4	411.2	410.9	411.0	410.7	410.8	410.1	409.1	409.7	409.9
23.5°	409.2	409.8	409.6	409.2	409.5	409.0	409.2	408.4	407.6	407.8	407.8
24°	407.4	408.3	407.9	407.4	407.7	407.3	407.4	406.6	406.0	406.0	406.4
24.5°	405.7	406.5	406.2	405.9	405.8	405.5	405.6	404.9	404.1	404.4	404.6
25°	403.6	404.7	404.4	404.2	403.9	403.6	403.7	403.0	402.2	402.7	402.9
25.5°	402.1	402.6	402.7	402.2	402.0	401.8	402.0	401.2	400.3	400.8	401.0
26°	399.8	400.8	400.8	400.5	400.2	399.9	400.0	399.3	398.4	398.9	399.3
26.5°	398.0	398.9	398.8	398.4	398.4	397.9	398.1	397.4	396.6	396.9	397.2
27°	395.9	397.0	397.0	396.6	396.5	396.0	396.1	395.3	394.8	395.0	395.3
27.5°	394.2	394.9	395.1	394.6	394.6	394.2	394.2	393.6	392.7	393.1	393.1
28°	391.9	392.9	393.0	392.6	392.6	392.2	392.1	391.4	390.6	390.9	391.2
28.5°	389.9	390.8	391.0	390.5	390.6	390.2	390.1	389.5	388.3	388.9	389.0
29°	387.8	388.8	388.9	388.5	388.5	387.9	387.9	387.4	386.5	387.0	387.1
29.5°	385.9	386.7	386.9	386.4	386.5	385.9	385.9	385.3	384.4	384.8	385.0
30°	383.7	384.4	384.6	384.2	384.4	383.6	383.8	383.1	382.3	382.6	382.9
30.5°	381.5	382.3	382.6	382.0	382.2	381.6	381.5	380.8	380.1	380.4	380.5
31°	379.3	380.1	380.2	379.9	380.1	379.4	379.4	378.5	377.9	378.1	378.5
31.5°	377.1	377.7	378.1	377.6	377.6	377.3	377.2	376.4	375.7	375.8	376.1
32°	374.6	375.2	375.5	375.2	375.4	375.0	374.9	374.1	373.5	373.5	373.9
32.5°	372.7	373.1	373.5	373.2	373.1	372.8	372.6	372.0	371.3	371.5	371.7
33°	370.5	370.9	371.2	371.0	371.0	370.6	370.5	369.6	368.9	369.1	369.5
33.5°	367.9	368.5	369.1	368.6	368.4	368.3	367.9	367.3	366.3	366.8	367.0
34°	365.3	366.1	366.6	366.2	366.1	365.9	365.5	365.0	364.2	364.4	364.7
34.5°	363.1	363.8	364.2	363.8	363.6	363.6	363.2	362.5	361.6	362.1	362.4
35°	360.7	361.4	361.6	361.3	361.2	361.1	360.7	359.9	359.4	359.5	359.8
35.5°	358.4	359.0	359.2	358.9	358.9	358.6	358.1	357.5	356.7	357.4	357.4
36°	355.8	356.5	356.7	356.4	356.5	356.1	355.7	355.2	354.4	354.8	354.9
36.5°	353.2	353.7	354.3	353.8	354.0	353.7	353.1	352.7	351.7	352.2	352.1
37°	350.7	351.1	351.5	351.3	351.3	351.0	350.7	350.1	349.2	349.6	349.7
37.5°	348.2	348.5	349.0	348.8	348.7	348.4	348.1	347.3	346.6	347.2	346.8
38°	345.5	346.0	346.4	346.2	346.1	345.7	345.4	344.7	344.1	344.6	344.3
38.5°	342.9	343.4	343.6	343.7	343.5	343.3	342.7	342.1	341.3	342.1	341.6
39°	340.2	340.7	340.8	340.9	340.9	340.6	340.2	339.5	338.7	339.3	338.9
39.5°	337.6	338.1	338.2	338.3	338.3	338.1	337.6	337.0	336.0	336.7	336.4
40°	334.9	335.4	335.6	335.6	335.5	335.4	334.9	334.1	333.4	333.8	333.6
40.5°	332.0	332.6	332.9	332.8	332.7	332.7	332.1	331.3	330.5	331.1	330.7
41°	329.2	330.0	330.2	330.0	330.0	329.8	329.4	328.6	327.9	328.3	328.0
41.5°	326.5	327.0	327.4	327.2	327.4	327.0	326.5	325.7	325.0	325.3	325.0
42°	323.6	324.1	324.4	324.5	324.6	324.1	323.8	322.8	322.2	322.3	322.4
42.5°	320.7	321.4	321.7	321.7	321.7	321.2	320.8	320.0	319.4	319.6	319.5
43°	317.9	318.6	318.8	318.8	318.8	318.3	317.9	317.1	316.5	316.8	316.6
43.5°	314.9	315.6	315.8	315.8	315.9	315.3	315.0	314.3	313.6	314.0	313.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	306.0	306.8	307.0	307.1	307.0	306.6	306.1	305.4	304.8	305.0	304.7
45.5°	303.1	303.8	304.0	304.1	304.0	303.7	303.2	302.5	301.9	302.2	301.8
46°	300.0	300.8	301.2	301.3	301.1	300.8	300.5	299.5	298.9	299.1	298.8
46.5°	297.1	297.6	298.1	298.2	298.2	298.0	297.4	296.7	295.7	296.1	295.8
47°	293.9	294.6	295.0	295.1	295.0	294.7	294.3	293.6	292.6	293.0	292.7
47.5°	290.8	291.4	291.8	292.0	291.9	291.7	291.0	290.3	289.5	289.9	289.6
48°	287.6	288.4	288.7	288.8	289.0	288.4	288.0	287.2	286.4	286.6	286.4
48.5°	284.5	285.1	285.6	285.7	285.9	285.4	284.9	284.2	283.3	283.6	283.2
49°	281.1	281.9	282.3	282.5	282.5	282.2	281.9	280.9	280.0	280.4	280.0
49.5°	277.9	278.7	279.1	279.4	279.4	279.0	278.6	277.7	276.8	277.2	276.7
50°	274.8	275.5	275.9	276.2	276.2	275.7	275.4	274.2	273.5	273.9	273.6
50.5°	271.4	272.1	272.6	272.7	273.0	272.5	271.9	270.8	270.3	270.6	270.3
51°	268.3	268.8	269.3	269.5	269.7	269.2	268.8	267.7	267.2	267.3	267.0
51.5°	264.9	265.8	266.2	266.2	266.7	266.2	265.5	264.7	264.0	264.2	263.9
52°	261.7	262.4	262.9	263.1	263.4	262.8	262.4	261.5	260.7	260.8	260.4
52.5°	258.3	259.1	259.4	259.6	259.9	259.6	259.1	258.1	257.5	257.5	257.0
53°	254.9	255.7	256.2	256.4	256.7	256.1	255.9	254.7	254.0	254.1	253.6
53.5°	251.5	252.2	252.7	252.9	253.4	252.9	252.2	251.5	250.6	250.8	250.2
54°	248.2	248.9	249.3	249.5	249.7	249.5	249.0	247.9	247.2	247.2	246.7
54.5°	244.6	245.4	245.9	245.8	246.4	246.0	245.4	244.5	243.8	243.9	243.3
55°	241.2	241.9	242.5	242.6	242.9	242.7	242.1	241.3	240.5	240.3	240.0
55.5°	237.5	238.4	239.0	239.1	239.6	239.2	238.6	237.7	236.9	236.9	236.4
56°	234.2	234.9	235.4	235.7	236.1	235.7	235.1	234.2	233.4	233.5	233.0
56.5°	230.8	231.6	232.0	232.2	232.6	232.4	231.7	230.8	230.1	229.9	229.6
57°	227.3	228.1	228.5	228.7	229.2	228.8	228.3	227.2	226.5	226.3	226.0
57.5°	223.3	224.5	224.9	225.1	225.6	225.3	224.7	223.6	223.0	222.8	222.4
58°	220.1	220.8	221.4	221.4	222.0	221.6	221.1	220.1	219.4	219.2	218.9
58.5°	216.5	217.2	217.7	217.7	218.6	218.2	217.5	216.6	215.7	215.7	215.2
59°	212.6	213.6	214.1	214.3	214.8	214.3	213.9	213.0	212.1	211.9	211.5
59.5°	208.8	209.9	210.4	210.4	211.3	210.8	210.3	209.5	208.5	208.4	207.8
60°	205.4	206.2	206.7	206.8	207.6	207.1	206.7	205.8	205.1	204.7	204.2
60.5°	201.6	202.5	203.0	202.9	204.0	203.6	203.0	202.1	201.4	201.0	200.5
61°	198.0	198.9	199.1	199.4	200.3	199.8	199.3	198.6	197.6	197.3	196.7
61.5°	194.3	195.2	195.6	195.7	196.7	196.1	195.5	194.9	193.9	193.5	193.0
62°	190.5	191.5	191.8	192.0	192.9	192.4	192.0	191.0	190.3	189.8	189.3
62.5°	186.8	187.7	188.1	188.0	189.3	188.7	188.2	187.4	186.5	186.1	185.5
63°	182.8	183.9	184.2	184.3	185.3	184.9	184.5	183.7	182.8	182.4	181.8
63.5°	179.2	180.0	180.4	180.5	181.6	181.1	180.6	179.9	179.0	178.6	177.9
64°	175.0	176.2	176.6	176.7	177.8	177.3	176.8	176.2	175.1	174.7	174.1
64.5°	171.3	172.4	172.7	172.7	174.0	173.5	173.0	172.4	171.2	170.8	170.3
65°	167.5	168.4	168.8	169.0	170.1	169.8	169.3	168.5	167.5	167.0	166.6
65.5°	163.8	164.6	164.9	165.0	166.3	166.0	165.4	164.7	163.6	163.2	162.7
66°	159.8	160.8	161.2	161.4	162.4	162.0	161.7	160.8	160.0	159.5	158.9

TEST NUMBER: P997241

CATALOG NUMBER: SMX8SLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	147.9	149.1	149.6	149.7	151.0	150.6	150.1	149.3	148.3	147.7	147.1
68°	144.0	145.2	145.5	145.7	147.0	146.4	146.2	145.2	144.4	143.7	143.2
68.5°	140.4	141.2	141.6	141.8	142.9	142.5	142.2	141.2	140.4	139.8	139.3
69°	136.2	137.2	137.5	137.9	139.1	138.8	138.4	137.2	136.4	135.8	135.4
69.5°	132.1	133.2	133.7	133.9	135.2	134.8	134.4	133.3	132.4	131.8	131.3
70°	128.4	129.3	129.6	130.2	131.2	130.7	130.4	129.3	128.6	127.8	127.3
70.5°	124.4	125.5	125.9	126.2	127.3	126.9	126.5	125.4	124.5	123.9	123.4
71°	120.4	121.5	121.9	122.4	123.2	122.9	122.7	121.5	120.7	120.0	119.4
71.5°	116.4	117.5	117.9	118.3	119.3	119.0	118.5	117.4	116.6	116.1	115.4
72°	112.6	113.4	113.9	114.4	115.3	115.0	114.6	113.5	112.6	112.0	111.5
72.5°	108.4	109.5	110.0	110.5	111.4	110.9	110.4	109.6	108.6	108.0	107.3
73°	104.4	105.5	106.0	106.3	107.3	107.0	106.5	105.4	104.7	103.9	103.4
73.5°	100.3	101.5	102.0	102.3	103.2	102.9	102.4	101.5	100.5	99.9	99.4
74°	96.4	97.6	97.9	98.3	99.2	99.1	98.7	97.5	96.7	95.9	95.3
74.5°	92.6	93.7	94.1	94.3	95.3	95.1	94.7	93.4	92.8	92.0	91.7
75°	88.7	89.8	90.3	90.3	91.5	91.1	90.8	89.8	89.0	88.1	87.8
75.5°	84.8	85.9	86.3	86.3	87.6	87.2	87.0	85.9	84.9	84.3	83.9
76°	80.7	81.8	82.2	82.3	83.6	83.3	83.0	82.0	81.2	80.4	80.0
76.5°	76.8	77.9	78.4	78.4	79.8	79.4	79.1	78.1	77.1	76.4	76.0
77°	73.0	74.1	74.5	74.5	75.7	75.5	75.3	74.3	73.2	72.6	72.1
77.5°	69.1	70.2	70.6	70.6	72.0	71.6	71.5	70.3	69.4	68.7	68.4
78°	65.2	66.4	66.7	66.8	68.1	67.8	67.7	66.4	65.5	64.9	64.5
78.5°	61.5	62.6	63.0	63.1	64.3	63.9	63.7	62.6	61.8	61.2	60.9
79°	57.9	58.9	59.3	59.3	60.4	60.3	60.1	58.9	58.2	57.5	57.4
79.5°	54.3	55.2	55.6	55.7	56.8	56.7	56.4	55.3	54.5	53.8	53.6
80°	50.6	51.5	51.9	52.0	53.2	53.0	52.7	51.7	51.0	50.3	49.9
80.5°	47.0	47.9	48.4	48.5	49.7	49.4	49.2	48.1	47.5	46.9	46.6
81°	43.7	44.4	44.9	45.0	46.2	46.1	45.8	44.8	44.1	43.5	43.2
81.5°	40.2	41.0	41.5	41.5	42.9	42.6	42.4	41.4	40.7	40.0	39.7
82°	36.7	37.5	37.9	38.1	39.4	39.3	38.9	38.0	37.4	36.7	36.4
82.5°	33.2	34.2	34.6	34.7	36.0	36.0	35.7	34.8	34.2	33.6	33.2
83°	30.1	30.7	31.1	31.3	32.8	32.7	32.4	31.5	31.0	30.3	30.1
83.5°	26.9	27.5	27.8	28.0	29.6	29.5	29.2	28.4	27.8	27.3	27.0
84°	24.0	24.6	24.9	24.9	26.4	26.5	26.1	25.3	24.7	24.3	24.1
84.5°	21.2	21.9	22.2	22.2	23.5	23.6	23.3	22.6	22.1	21.7	21.5
85°	18.7	19.3	19.5	19.6	21.0	20.9	20.7	20.0	19.3	18.9	18.8
85.5°	16.1	16.8	16.9	17.0	18.2	18.3	18.0	17.4	16.7	16.4	16.3
86°	13.8	14.4	14.5	14.5	15.7	15.8	15.5	14.8	14.3	14.0	13.9
86.5°	11.7	12.3	12.3	12.3	13.3	13.3	13.1	12.6	12.0	11.8	11.8
87°	9.8	10.3	10.4	10.3	11.1	11.2	11.0	10.4	10.0	9.8	9.8
87.5°	8.1	8.6	8.7	8.5	9.2	9.2	9.1	8.5	8.2	8.0	8.0
88°	6.7	7.1	7.1	6.9	7.3	7.4	7.2	6.9	6.4	6.5	6.5
88.5°	5.6	5.8	5.8	5.6	5.7	5.9	5.8	5.3	5.0	5.1	5.2

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

Scaled Data Report



TEST NUMBER: P997241
CATALOG NUMBER: SMX8SLSFS010-1200LM-2700K

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: P997241

CATALOG NUMBER: SMX8SLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	450.0	450.0	450.0	450.0	450.0	450.0
0.5°	450.1	450.1	449.7	450.4	450.0	449.4
1°	450.1	450.1	449.5	449.9	450.2	449.4
1.5°	449.8	450.0	449.6	450.0	449.9	449.2
2°	449.8	449.8	449.4	449.7	449.8	449.1
2.5°	449.4	449.6	449.5	449.7	449.4	448.9
3°	449.4	449.2	449.2	449.2	449.5	448.9
3.5°	448.9	448.9	449.0	449.2	449.1	448.7
4°	448.8	448.7	448.4	448.6	449.0	448.6
4.5°	448.3	448.3	448.1	448.4	448.4	448.3
5°	448.0	448.0	447.7	447.9	448.1	447.7
5.5°	447.5	447.4	447.3	447.6	447.6	447.4
6°	447.1	447.1	446.7	446.9	447.2	446.8
6.5°	446.5	446.5	446.3	446.5	446.7	446.5
7°	446.1	445.9	445.7	446.0	446.3	446.0
7.5°	445.4	445.3	445.1	445.4	445.6	445.6
8°	445.1	444.7	444.5	444.6	445.2	444.7
8.5°	444.4	444.1	444.0	444.4	444.4	444.3
9°	443.7	443.6	443.2	443.6	443.9	443.5
9.5°	442.9	442.8	442.7	443.1	443.2	443.0
10°	442.3	442.0	441.7	442.3	442.6	442.3
10.5°	441.4	441.4	441.0	441.6	441.8	441.5
11°	440.7	440.6	440.4	440.8	441.1	440.5
11.5°	439.6	439.7	439.5	439.9	440.1	439.9
12°	438.8	438.6	438.4	439.0	439.2	439.1
12.5°	437.7	437.9	437.8	438.2	438.3	438.2
13°	436.9	437.1	436.5	437.2	437.4	437.1
13.5°	435.7	436.0	435.7	436.1	436.3	436.1
14°	434.8	434.9	434.4	435.0	435.4	435.0
14.5°	433.8	433.8	433.5	434.0	434.2	434.1
15°	432.6	432.7	432.2	433.1	433.3	433.0
15.5°	431.4	431.6	431.3	432.0	432.2	432.0
16°	430.2	430.3	430.2	430.7	431.1	430.9
16.5°	428.9	429.4	429.0	429.5	429.6	429.7
17°	427.7	428.2	427.5	428.3	428.5	428.2
17.5°	426.3	426.8	426.2	426.8	427.1	427.1
18°	425.1	425.4	424.8	425.8	426.0	425.8
18.5°	423.7	423.9	423.6	424.3	424.5	424.7
19°	422.4	422.5	422.1	423.0	423.2	423.1
19.5°	421.1	420.9	420.8	421.6	421.7	421.7
20°	419.6	419.7	419.2	420.3	420.5	420.2
20.5°	418.0	418.2	418.0	418.4	418.7	418.8
21°	416.4	416.5	416.0	417.0	417.3	417.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997241

CATALOG NUMBER: SMX8SLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	411.4	411.8	411.4	412.4	412.2	412.5
23°	409.8	410.0	409.7	410.7	410.7	410.8
23.5°	408.0	408.1	408.3	409.1	408.7	409.2
24°	406.3	406.2	406.4	407.5	407.3	407.4
24.5°	404.5	404.5	404.6	405.8	405.4	405.7
25°	402.6	402.5	402.7	404.2	404.0	403.6
25.5°	400.8	400.8	401.0	402.4	401.9	402.1
26°	398.9	399.1	399.0	400.3	400.0	399.8
26.5°	397.0	397.0	397.0	398.2	397.8	398.0
27°	395.1	394.9	394.9	396.2	396.0	395.9
27.5°	392.9	392.9	392.9	394.2	393.9	394.2
28°	391.0	391.0	390.8	392.2	392.0	391.9
28.5°	388.7	388.8	388.9	390.0	389.8	389.9
29°	386.8	386.5	386.8	388.1	387.8	387.8
29.5°	384.5	384.4	384.9	386.0	385.6	385.9
30°	382.5	382.5	382.7	383.9	383.4	383.7
30.5°	380.3	380.2	380.5	381.5	381.3	381.5
31°	378.2	377.8	378.2	379.5	379.2	379.3
31.5°	375.8	375.6	375.9	377.1	376.9	377.1
32°	373.6	373.6	373.7	374.8	374.6	374.6
32.5°	371.3	371.4	371.8	372.6	372.3	372.7
33°	369.1	369.1	369.3	370.2	370.0	370.5
33.5°	366.8	366.6	366.9	368.0	367.8	367.9
34°	364.4	364.3	364.7	365.5	365.5	365.3
34.5°	361.8	361.9	362.2	362.9	363.1	363.1
35°	359.5	359.5	359.8	360.5	360.6	360.7
35.5°	356.9	356.8	357.3	358.0	358.2	358.4
36°	354.5	354.2	354.8	355.6	355.8	355.8
36.5°	351.9	351.8	352.0	353.0	353.1	353.2
37°	349.2	349.3	349.6	350.5	350.5	350.7
37.5°	346.5	346.7	347.1	347.6	347.9	348.2
38°	343.8	344.1	344.4	344.9	345.4	345.5
38.5°	341.1	341.2	341.6	342.2	342.6	342.9
39°	338.5	338.7	339.0	339.6	340.1	340.2
39.5°	336.0	335.9	336.4	337.0	337.5	337.6
40°	333.2	333.2	333.7	334.3	334.7	334.9
40.5°	330.3	330.4	330.8	331.6	331.9	332.0
41°	327.6	327.6	327.9	328.6	329.2	329.2
41.5°	324.7	324.7	325.1	325.8	326.2	326.5
42°	321.8	322.0	322.2	323.0	323.3	323.6
42.5°	319.0	319.1	319.5	320.0	320.6	320.7
43°	316.1	316.3	316.6	317.1	317.8	317.9
43.5°	313.0	313.1	313.8	314.2	314.8	314.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997241

CATALOG NUMBER: SMX8SLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	304.2	304.2	304.6	305.4	306.1	306.0
45.5°	301.4	301.3	301.8	302.3	303.2	303.1
46°	298.4	298.3	298.7	299.5	300.1	300.0
46.5°	295.3	295.3	295.6	296.4	297.0	297.1
47°	292.2	292.1	292.4	293.3	293.9	293.9
47.5°	289.1	288.9	289.3	290.1	290.8	290.8
48°	286.0	285.9	286.2	287.0	287.6	287.6
48.5°	282.9	282.7	283.0	283.7	284.5	284.5
49°	279.6	279.4	279.6	280.7	281.2	281.1
49.5°	276.4	276.1	276.6	277.2	278.0	277.9
50°	273.1	272.8	273.2	274.1	274.6	274.8
50.5°	269.9	269.6	270.0	270.8	271.5	271.4
51°	266.7	266.4	266.8	267.5	268.4	268.3
51.5°	263.6	263.1	263.6	264.3	265.2	264.9
52°	260.2	259.8	260.1	260.8	261.6	261.7
52.5°	256.9	256.4	256.7	257.4	258.4	258.3
53°	253.5	253.0	253.4	254.0	254.9	254.9
53.5°	250.2	249.6	250.0	250.7	251.5	251.5
54°	246.5	246.0	246.3	247.2	247.9	248.2
54.5°	243.1	242.5	243.0	243.7	244.6	244.6
55°	239.6	239.0	239.4	240.3	241.0	241.2
55.5°	236.2	235.6	236.0	236.6	237.5	237.5
56°	232.6	232.2	232.5	233.3	234.0	234.2
56.5°	229.2	228.7	229.2	229.7	230.5	230.8
57°	225.7	225.0	225.5	226.3	226.9	227.3
57.5°	222.1	221.6	221.9	222.3	223.4	223.3
58°	218.5	217.8	218.1	218.9	219.5	220.1
58.5°	215.0	214.3	214.7	215.2	216.1	216.5
59°	211.4	210.7	210.8	211.6	212.3	212.6
59.5°	207.6	207.0	207.1	207.8	208.6	208.8
60°	203.9	203.2	203.5	204.3	204.8	205.4
60.5°	200.2	199.4	199.7	200.4	201.2	201.6
61°	196.6	195.7	196.1	196.8	197.6	198.0
61.5°	192.8	191.9	192.6	192.9	193.9	194.3
62°	189.0	188.2	188.6	189.3	190.2	190.5
62.5°	185.2	184.5	184.7	185.3	186.2	186.8
63°	181.4	180.6	180.9	181.5	182.3	182.8
63.5°	177.6	176.8	177.2	177.7	178.6	179.2
64°	173.7	172.9	173.3	173.9	174.8	175.0
64.5°	169.9	169.1	169.4	169.9	171.0	171.3
65°	166.2	165.2	165.4	166.1	167.0	167.5
65.5°	162.3	161.2	161.8	162.2	163.3	163.8
66°	158.6	157.4	157.9	158.4	159.3	159.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997241

CATALOG NUMBER: SMX8SLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	146.8	145.7	146.1	146.7	147.7	147.9
68°	142.9	141.7	142.1	142.7	143.8	144.0
68.5°	139.0	137.9	138.1	138.6	139.8	140.4
69°	135.0	133.8	134.1	134.7	135.8	136.2
69.5°	130.9	129.9	130.1	130.6	131.8	132.1
70°	127.1	125.9	126.2	126.8	127.9	128.4
70.5°	123.0	121.9	122.3	122.9	123.9	124.4
71°	119.0	117.9	118.4	118.9	119.9	120.4
71.5°	115.0	113.9	114.3	114.9	116.0	116.4
72°	111.0	109.9	110.2	110.9	112.0	112.6
72.5°	107.0	105.9	106.3	106.9	108.0	108.4
73°	103.0	101.8	102.3	102.8	103.9	104.4
73.5°	99.1	97.9	98.1	98.9	100.0	100.3
74°	95.1	94.0	94.4	94.9	96.0	96.4
74.5°	91.3	90.1	90.5	91.1	92.2	92.6
75°	87.4	86.1	86.5	87.2	88.2	88.7
75.5°	83.4	82.3	82.6	83.1	84.1	84.8
76°	79.5	78.4	78.7	79.4	80.2	80.7
76.5°	75.5	74.4	74.7	75.4	76.2	76.8
77°	71.7	70.6	70.9	71.6	72.4	73.0
77.5°	67.9	66.7	67.0	67.6	68.6	69.1
78°	64.0	62.9	63.3	64.0	64.7	65.2
78.5°	60.4	59.2	59.5	60.1	61.0	61.5
79°	56.9	55.6	55.9	56.5	57.3	57.9
79.5°	53.1	51.8	52.2	52.9	53.8	54.3
80°	49.6	48.3	48.6	49.3	50.1	50.6
80.5°	46.4	44.9	45.0	45.8	46.6	47.0
81°	42.8	41.4	41.7	42.4	43.0	43.7
81.5°	39.3	38.0	38.3	39.0	39.6	40.2
82°	36.0	34.5	35.0	35.6	36.2	36.7
82.5°	32.9	31.2	31.5	32.2	32.8	33.2
83°	29.8	27.9	28.3	28.8	29.5	30.1
83.5°	26.8	24.9	25.3	25.7	26.4	26.9
84°	23.8	22.3	22.6	23.1	23.6	24.0
84.5°	21.2	19.6	19.8	20.4	20.9	21.2
85°	18.5	17.0	17.4	17.9	18.3	18.7
85.5°	16.1	14.7	15.0	15.4	15.9	16.1
86°	13.8	12.6	12.9	13.3	13.6	13.8
86.5°	11.6	10.6	11.0	11.3	11.6	11.7
87°	9.7	8.8	9.1	9.6	9.8	9.8
87.5°	8.1	7.3	7.8	8.1	8.2	8.1
88°	6.4	6.0	6.4	6.7	6.7	6.7
88.5°	5.1	4.8	5.4	5.6	5.5	5.6

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Scaled Data Report



TEST NUMBER: P997241
CATALOG NUMBER: SMX8SLSFS010-1200LM-2700K

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°	415.7	416.4	416.1	416.0	415.8	415.7	415.7	415.0	414.1	414.5	414.7
22°	414.0	414.7	414.6	414.4	414.5	414.0	414.0	413.3	412.5	412.9	413.2

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44°	311.9	312.7	312.8	312.9	313.0	312.4	312.1	311.3	310.7	311.1	310.7
44.5°	309.0	309.7	310.0	310.0	309.9	309.5	309.0	308.5	307.6	308.3	307.7



66.5°	155.9	156.9	157.4	157.5	158.7	158.2	157.9	157.0	156.0	155.5	155.0
67°	151.9	153.0	153.5	153.7	154.8	154.3	154.1	153.1	152.2	151.7	151.1



89°	4.4	4.7	4.6	4.4	4.5	4.6	4.4	4.0	3.8	3.9	4.0
89.5°	3.5	3.6	3.7	3.4	3.2	3.3	3.2	2.9	2.7	2.9	3.1

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21.5°	414.8	414.9	414.5	415.5	415.7	415.7
22°	413.3	413.5	412.9	414.0	414.2	414.0

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44°	310.2	310.0	310.7	311.3	311.9	311.9
44.5°	307.2	307.2	307.7	308.2	309.1	309.0

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66.5°	154.7	153.6	154.1	154.6	155.5	155.9
67°	150.9	149.7	150.0	150.6	151.5	151.9

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89°	4.0	3.9	4.4	4.6	4.5	4.4
89.5°	3.0	3.2	3.6	3.8	3.7	3.5

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(END OF REPORT)