

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: P997245

Luminaire Tested: **SMX8SLSFS010-1200LM-5000K**

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: P997245
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-5000K
Description: 8IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 5000K CCT
Ballast/Driver: -

Summary

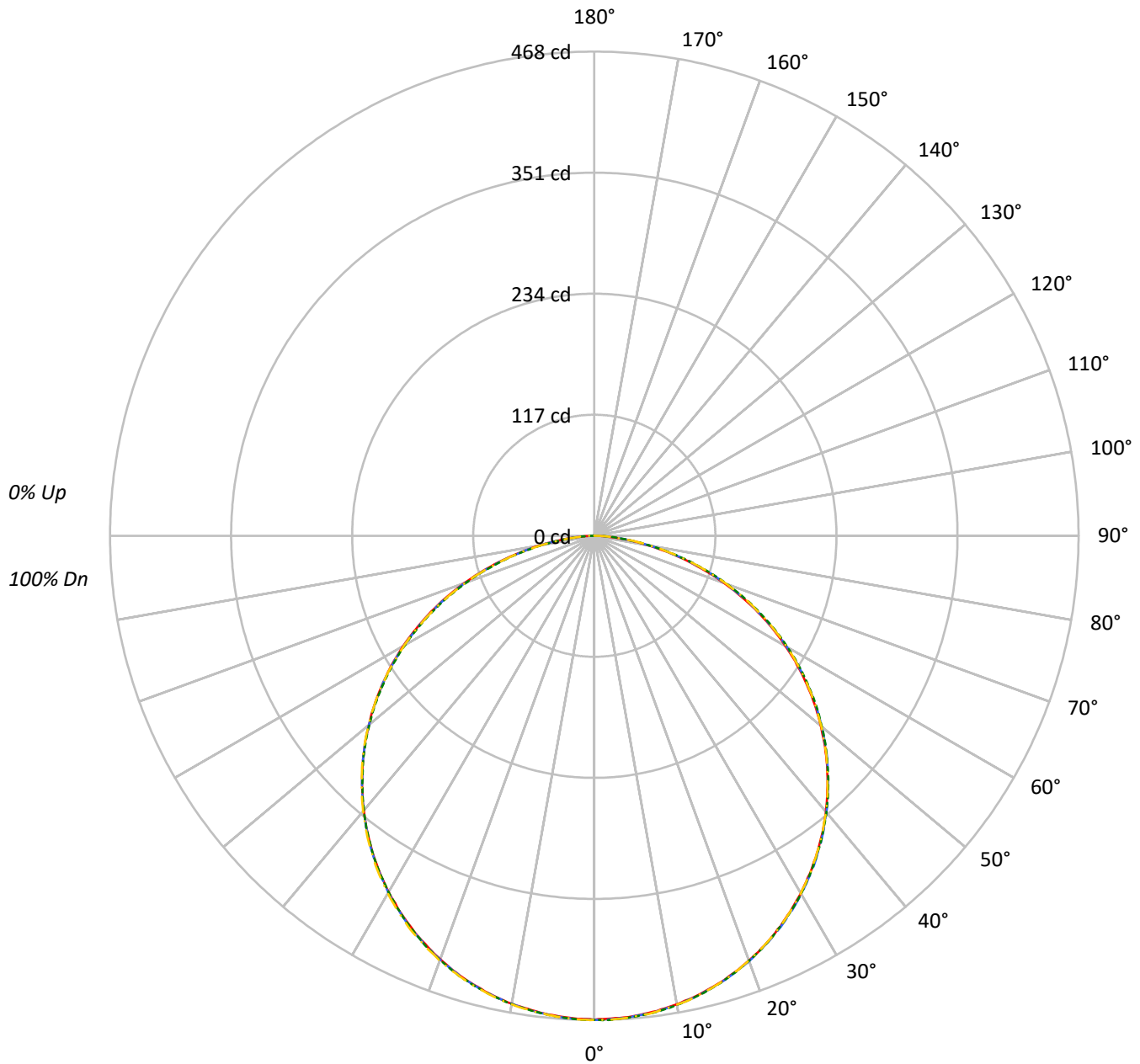
Lumens per Lamp: N/A
Luminaire Lumens: 1362.5 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.39
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
CIE Type: Direct

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°	11220	11220	11220	11220
5°	11205	11224	11195	11212
10°	11198	11212	11183	11190
15°	11176	11191	11154	11168
20°	11149	11154	11113	11136
25°	11101	11109	11064	11072
30°	11047	11064	11006	11011
35°	10977	10995	10939	10942
40°	10899	10921	10849	10846
45°	10790	10824	10746	10726
50°	10658	10714	10609	10579
55°	10485	10560	10451	10389
60°	10239	10349	10224	10133
65°	9884	10037	9878	9742
70°	9359	9563	9373	9177
75°	8542	8811	8570	8292
80°	7263	7636	7319	6946
85°	5337	5998	5530	4842

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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Peachtree City, GA 30269



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.3	3.2
10°-20°	127.1	9.3
20°-30°	193.3	14.2
30°-40°	234.4	17.2
40°-50°	245.2	18.0
50°-60°	223.9	16.4
60°-70°	172.3	12.6
70°-80°	97.7	7.2
80°-90°	24.5	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°	364.7	26.8
0°-40°	599.1	44.0
0°-60°	1068.1	78.4
0°-90°	1362.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1362.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	468	468	468	468	468	
5°	466	466	465	466	466	44
15°	450	451	449	450	450	127
25°	420	420	418	418	420	193
35°	375	376	374	374	375	235
45°	318	319	317	316	318	245
55°	251	253	250	248	251	224
65°	174	177	174	172	174	172
75°	92	95	92	90	92	97
85°	19	22	20	18	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°	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9	467.9
0.5°	467.3	467.9	468.0	467.9	468.1	467.6	468.0	467.8	467.1	467.8	467.8
1°	467.3	468.0	467.9	468.1	468.2	467.6	468.0	467.9	467.0	468.0	467.6
1.5°	467.1	467.8	467.8	468.0	468.3	467.5	468.0	467.6	467.0	467.9	467.5
2°	466.9	467.6	467.5	468.0	468.2	467.4	467.9	467.7	467.1	467.7	467.4
2.5°	466.7	467.4	467.3	467.6	467.8	467.4	467.7	467.4	466.8	467.3	467.3
3°	466.7	467.2	467.1	467.4	467.5	467.0	467.5	467.3	466.6	467.2	467.1
3.5°	466.5	467.1	467.0	467.1	467.1	466.9	467.2	466.7	466.2	466.8	466.9
4°	466.4	466.8	466.7	466.9	466.9	466.6	466.9	466.5	466.1	466.6	466.6
4.5°	466.1	466.2	466.3	466.7	466.5	466.4	466.6	466.1	465.6	466.3	466.1
5°	465.5	466.0	465.9	466.5	466.3	465.8	466.1	466.0	465.1	465.7	465.7
5.5°	465.1	465.5	465.5	465.8	465.8	465.5	466.0	465.3	464.8	465.2	465.1
6°	464.6	465.2	465.1	465.6	465.5	465.0	465.4	465.0	464.3	464.8	464.6
6.5°	464.2	464.7	464.6	465.0	465.0	464.6	465.1	464.6	463.8	464.1	464.1
7°	463.7	464.2	464.1	464.7	464.6	464.1	464.3	464.1	463.1	463.7	463.7
7.5°	463.3	463.4	463.5	464.0	464.0	463.6	463.8	463.4	462.6	463.1	463.0
8°	462.4	463.0	463.0	463.4	463.3	462.9	462.9	462.7	461.9	462.3	462.5
8.5°	461.9	462.4	462.3	462.5	462.6	462.4	462.6	462.0	461.3	461.6	461.7
9°	461.1	461.7	461.7	462.1	462.2	461.6	461.7	461.6	460.7	460.8	461.0
9.5°	460.6	461.0	461.0	461.2	461.2	460.8	461.1	460.7	460.1	460.1	460.2
10°	459.9	460.4	460.5	460.6	460.5	460.0	460.1	460.1	459.3	459.6	459.4
10.5°	459.0	459.5	459.6	459.8	459.8	459.4	459.6	459.1	458.6	458.6	458.7
11°	458.0	458.8	458.8	459.1	458.8	458.4	459.0	458.5	457.7	457.7	458.0
11.5°	457.4	458.0	457.7	458.1	457.9	457.9	458.2	457.5	456.7	457.1	456.9
12°	456.5	457.2	457.0	457.1	457.2	456.7	457.1	456.3	455.8	456.2	456.2
12.5°	455.6	456.2	456.1	456.1	456.0	455.8	456.3	455.5	454.9	455.2	455.1
13°	454.5	455.4	455.0	455.3	455.2	454.6	455.0	454.6	453.9	454.0	454.2
13.5°	453.5	454.3	453.9	454.2	454.1	453.8	454.0	453.7	452.8	453.1	453.0
14°	452.3	453.3	452.7	453.2	453.0	452.8	452.8	452.6	451.5	451.9	452.1
14.5°	451.4	452.1	451.9	452.0	451.8	451.6	451.8	451.4	450.4	450.9	450.7
15°	450.2	451.2	450.7	451.0	450.8	450.4	450.6	450.4	449.3	449.7	449.8
15.5°	449.2	449.8	449.6	449.5	449.6	449.3	449.5	449.0	448.2	448.5	448.4
16°	448.0	448.8	448.3	448.4	448.5	448.1	448.2	447.8	447.1	447.0	447.3
16.5°	446.8	447.6	447.2	447.2	447.0	446.7	447.0	446.5	445.7	446.0	445.8
17°	445.2	446.3	445.8	445.8	445.9	445.4	445.7	445.2	444.4	444.5	444.6
17.5°	444.1	444.8	444.6	444.5	444.3	444.2	444.5	444.0	442.9	443.3	443.2
18°	442.7	443.5	443.2	443.2	443.3	442.7	442.9	442.5	441.6	441.7	442.1
18.5°	441.5	442.0	441.9	441.7	441.6	441.2	441.6	441.0	440.1	440.3	440.3
19°	439.9	440.8	440.5	440.3	440.1	439.7	439.9	439.4	438.5	438.7	439.0
19.5°	438.4	439.3	439.1	438.7	438.5	438.4	438.5	437.8	437.1	437.2	437.4
20°	436.9	437.9	437.5	437.3	437.1	437.0	436.9	436.3	435.5	435.6	436.0
20.5°	435.4	436.1	436.0	435.6	435.6	435.5	435.5	435.0	433.9	434.1	434.3
21°	433.8	434.7	434.3	434.2	434.0	433.9	433.9	433.0	432.3	432.6	433.0

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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°	428.9	429.4	429.3	429.1	429.0	428.8	428.8	428.0	427.1	427.6	427.8
23°	427.1	427.8	427.5	427.2	427.4	427.0	427.2	426.4	425.4	426.0	426.2
23.5°	425.5	426.1	425.9	425.4	425.7	425.2	425.4	424.7	423.8	424.0	424.0
24°	423.6	424.5	424.1	423.6	423.9	423.4	423.6	422.7	422.1	422.2	422.5
24.5°	421.8	422.7	422.3	422.0	421.9	421.6	421.7	421.0	420.1	420.4	420.7
25°	419.6	420.7	420.5	420.2	419.9	419.7	419.7	419.0	418.2	418.7	419.0
25.5°	418.1	418.6	418.7	418.2	418.0	417.7	418.0	417.1	416.2	416.8	416.9
26°	415.7	416.8	416.7	416.4	416.1	415.8	415.9	415.1	414.3	414.7	415.1
26.5°	413.8	414.7	414.7	414.2	414.3	413.7	413.9	413.2	412.4	412.7	413.0
27°	411.6	412.7	412.8	412.3	412.2	411.8	411.8	411.0	410.5	410.7	411.0
27.5°	409.9	410.6	410.8	410.3	410.2	409.9	409.9	409.2	408.3	408.7	408.7
28°	407.5	408.5	408.7	408.2	408.2	407.8	407.7	406.9	406.1	406.4	406.8
28.5°	405.4	406.3	406.6	406.0	406.1	405.7	405.6	405.0	403.7	404.4	404.5
29°	403.2	404.2	404.4	403.9	404.0	403.3	403.3	402.8	401.9	402.3	402.5
29.5°	401.3	402.0	402.2	401.8	401.8	401.3	401.2	400.6	399.7	400.1	400.3
30°	399.0	399.7	399.9	399.5	399.6	398.9	399.0	398.3	397.5	397.8	398.1
30.5°	396.7	397.5	397.8	397.2	397.3	396.8	396.6	395.9	395.2	395.5	395.7
31°	394.3	395.2	395.3	395.0	395.2	394.5	394.5	393.6	392.9	393.1	393.5
31.5°	392.1	392.7	393.1	392.6	392.6	392.3	392.1	391.3	390.6	390.7	391.1
32°	389.5	390.1	390.5	390.1	390.3	389.9	389.8	388.9	388.4	388.3	388.8
32.5°	387.5	387.9	388.4	388.1	387.9	387.6	387.4	386.8	386.0	386.2	386.5
33°	385.2	385.6	386.0	385.7	385.7	385.3	385.2	384.3	383.6	383.8	384.2
33.5°	382.5	383.1	383.7	383.3	383.1	383.0	382.5	381.9	380.9	381.3	381.6
34°	379.9	380.7	381.2	380.8	380.7	380.4	380.0	379.5	378.6	378.8	379.2
34.5°	377.6	378.3	378.6	378.3	378.0	378.0	377.7	376.9	376.0	376.5	376.8
35°	375.0	375.7	375.9	375.7	375.6	375.4	375.0	374.2	373.7	373.8	374.0
35.5°	372.6	373.2	373.5	373.2	373.1	372.9	372.4	371.7	370.8	371.6	371.6
36°	369.9	370.6	370.9	370.5	370.7	370.2	369.9	369.3	368.5	368.9	369.0
36.5°	367.3	367.8	368.4	367.9	368.1	367.8	367.1	366.7	365.7	366.2	366.1
37°	364.6	365.1	365.4	365.3	365.3	365.0	364.7	364.0	363.1	363.5	363.6
37.5°	362.0	362.4	362.9	362.7	362.6	362.3	362.0	361.1	360.4	361.0	360.6
38°	359.3	359.7	360.1	359.9	359.8	359.4	359.2	358.4	357.8	358.3	358.0
38.5°	356.5	357.0	357.3	357.3	357.1	357.0	356.3	355.6	354.8	355.7	355.2
39°	353.7	354.3	354.4	354.5	354.4	354.1	353.7	352.9	352.2	352.7	352.3
39.5°	351.0	351.6	351.6	351.7	351.7	351.6	351.0	350.4	349.4	350.1	349.8
40°	348.2	348.7	348.9	348.9	348.9	348.8	348.2	347.4	346.6	347.1	346.9
40.5°	345.2	345.9	346.1	346.0	345.9	345.9	345.3	344.4	343.6	344.3	343.9
41°	342.3	343.1	343.3	343.1	343.1	342.9	342.5	341.6	340.9	341.3	341.0
41.5°	339.4	340.0	340.5	340.2	340.4	340.0	339.5	338.6	337.9	338.2	338.0
42°	336.5	337.0	337.3	337.4	337.5	336.9	336.7	335.6	335.0	335.1	335.2
42.5°	333.4	334.2	334.5	334.5	334.5	334.0	333.6	332.7	332.1	332.3	332.2
43°	330.5	331.3	331.4	331.4	331.5	331.0	330.6	329.7	329.1	329.3	329.2
43.5°	327.4	328.1	328.4	328.4	328.4	327.9	327.5	326.8	326.0	326.4	326.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	318.2	319.0	319.2	319.3	319.2	318.8	318.3	317.5	316.9	317.1	316.8
45.5°	315.1	315.8	316.1	316.2	316.1	315.8	315.2	314.6	313.9	314.2	313.8
46°	311.9	312.7	313.1	313.2	313.1	312.8	312.4	311.4	310.7	311.0	310.7
46.5°	308.9	309.4	309.9	310.0	310.0	309.8	309.3	308.5	307.5	307.8	307.5
47°	305.5	306.3	306.7	306.8	306.8	306.4	306.0	305.3	304.3	304.7	304.3
47.5°	302.4	303.0	303.3	303.6	303.5	303.3	302.6	301.9	301.0	301.4	301.1
48°	299.0	299.8	300.2	300.3	300.4	299.9	299.4	298.6	297.8	298.0	297.8
48.5°	295.8	296.4	296.9	297.0	297.2	296.8	296.2	295.5	294.6	294.8	294.5
49°	292.2	293.1	293.5	293.7	293.8	293.4	293.1	292.0	291.1	291.5	291.2
49.5°	288.9	289.7	290.2	290.5	290.5	290.1	289.7	288.7	287.8	288.2	287.7
50°	285.7	286.4	286.9	287.1	287.2	286.6	286.3	285.1	284.4	284.7	284.4
50.5°	282.2	282.9	283.5	283.5	283.8	283.3	282.8	281.6	281.0	281.3	281.0
51°	278.9	279.5	280.0	280.2	280.4	279.9	279.4	278.3	277.8	278.0	277.6
51.5°	275.4	276.3	276.7	276.7	277.3	276.7	276.1	275.2	274.5	274.7	274.4
52°	272.1	272.9	273.4	273.5	273.9	273.2	272.9	271.9	271.1	271.2	270.7
52.5°	268.6	269.4	269.7	270.0	270.2	269.9	269.3	268.4	267.7	267.7	267.2
53°	265.1	265.8	266.4	266.5	266.9	266.3	266.0	264.8	264.1	264.2	263.7
53.5°	261.5	262.2	262.8	262.9	263.5	262.9	262.2	261.4	260.6	260.7	260.2
54°	258.0	258.8	259.2	259.4	259.7	259.4	258.9	257.8	257.0	257.0	256.5
54.5°	254.3	255.2	255.7	255.6	256.2	255.8	255.2	254.3	253.5	253.5	252.9
55°	250.8	251.5	252.1	252.2	252.6	252.3	251.7	250.9	250.0	249.9	249.5
55.5°	247.0	247.9	248.5	248.6	249.1	248.7	248.1	247.2	246.3	246.3	245.8
56°	243.5	244.2	244.7	245.0	245.5	245.1	244.4	243.5	242.7	242.8	242.3
56.5°	240.0	240.8	241.2	241.4	241.9	241.6	240.9	240.0	239.2	239.1	238.7
57°	236.3	237.2	237.5	237.8	238.3	237.9	237.3	236.2	235.5	235.3	235.0
57.5°	232.2	233.4	233.9	234.0	234.5	234.3	233.7	232.5	231.9	231.6	231.2
58°	228.8	229.6	230.2	230.2	230.8	230.4	229.9	228.9	228.2	227.9	227.6
58.5°	225.1	225.8	226.4	226.4	227.3	226.8	226.1	225.2	224.3	224.2	223.8
59°	221.1	222.1	222.6	222.8	223.3	222.9	222.4	221.5	220.6	220.3	219.9
59.5°	217.1	218.3	218.7	218.7	219.6	219.2	218.7	217.8	216.8	216.7	216.0
60°	213.5	214.4	214.9	215.0	215.8	215.3	214.9	214.0	213.2	212.8	212.3
60.5°	209.6	210.5	211.1	211.0	212.1	211.7	211.0	210.1	209.4	209.0	208.4
61°	205.8	206.8	207.1	207.4	208.3	207.8	207.3	206.5	205.4	205.1	204.6
61.5°	202.0	203.0	203.4	203.4	204.5	203.9	203.3	202.6	201.6	201.2	200.7
62°	198.0	199.1	199.4	199.6	200.5	200.1	199.6	198.6	197.8	197.3	196.8
62.5°	194.2	195.1	195.6	195.5	196.8	196.2	195.6	194.8	193.9	193.5	192.9
63°	190.1	191.2	191.5	191.6	192.7	192.2	191.8	191.0	190.1	189.6	189.0
63.5°	186.3	187.1	187.6	187.6	188.8	188.3	187.7	187.0	186.1	185.7	185.0
64°	182.0	183.2	183.6	183.7	184.8	184.3	183.9	183.2	182.1	181.7	181.0
64.5°	178.1	179.2	179.5	179.6	180.9	180.4	179.8	179.3	178.0	177.5	177.0
65°	174.2	175.1	175.5	175.7	176.9	176.5	176.1	175.2	174.1	173.7	173.2
65.5°	170.3	171.2	171.5	171.5	172.9	172.6	172.0	171.3	170.1	169.7	169.2
66°	166.1	167.2	167.6	167.8	168.9	168.5	168.1	167.2	166.4	165.8	165.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997245

CATALOG NUMBER: SMX8SLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	153.8	155.0	155.6	155.6	157.0	156.6	156.1	155.3	154.1	153.5	153.0
68°	149.7	150.9	151.3	151.5	152.9	152.3	152.0	151.0	150.1	149.4	148.9
68.5°	145.9	146.8	147.2	147.4	148.6	148.2	147.9	146.8	145.9	145.3	144.8
69°	141.6	142.7	143.0	143.4	144.6	144.3	143.9	142.7	141.8	141.2	140.8
69.5°	137.4	138.5	139.0	139.3	140.6	140.2	139.8	138.6	137.7	137.0	136.5
70°	133.5	134.4	134.8	135.4	136.4	135.9	135.6	134.4	133.7	132.9	132.4
70.5°	129.3	130.5	130.9	131.2	132.3	131.9	131.5	130.4	129.5	128.9	128.3
71°	125.2	126.3	126.7	127.3	128.1	127.8	127.5	126.4	125.5	124.8	124.1
71.5°	121.0	122.2	122.6	123.0	124.1	123.7	123.2	122.0	121.2	120.7	120.0
72°	117.0	117.9	118.4	119.0	119.9	119.6	119.1	118.0	117.1	116.4	115.9
72.5°	112.7	113.8	114.4	114.9	115.8	115.3	114.8	113.9	112.9	112.3	111.6
73°	108.5	109.7	110.2	110.5	111.6	111.2	110.8	109.6	108.8	108.1	107.5
73.5°	104.3	105.6	106.0	106.3	107.3	107.0	106.5	105.6	104.5	103.9	103.3
74°	100.2	101.4	101.8	102.2	103.1	103.1	102.6	101.4	100.6	99.7	99.1
74.5°	96.3	97.4	97.8	98.0	99.0	98.9	98.5	97.1	96.5	95.7	95.4
75°	92.2	93.4	93.9	93.9	95.1	94.7	94.4	93.4	92.5	91.6	91.3
75.5°	88.1	89.3	89.7	89.8	91.1	90.7	90.4	89.3	88.3	87.7	87.2
76°	83.9	85.1	85.5	85.6	86.9	86.7	86.3	85.2	84.4	83.6	83.2
76.5°	79.9	81.0	81.5	81.5	83.0	82.6	82.3	81.2	80.1	79.4	79.0
77°	75.9	77.0	77.4	77.4	78.8	78.5	78.3	77.2	76.2	75.4	75.0
77.5°	71.8	73.0	73.4	73.4	74.9	74.4	74.4	73.1	72.1	71.4	71.1
78°	67.8	69.1	69.3	69.4	70.8	70.5	70.3	69.1	68.1	67.5	67.1
78.5°	63.9	65.1	65.5	65.6	66.8	66.5	66.2	65.1	64.2	63.6	63.3
79°	60.2	61.2	61.6	61.7	62.8	62.7	62.5	61.2	60.5	59.8	59.7
79.5°	56.4	57.4	57.9	58.0	59.0	58.9	58.7	57.5	56.7	55.9	55.7
80°	52.6	53.6	54.0	54.1	55.3	55.2	54.8	53.7	53.0	52.3	51.9
80.5°	48.8	49.8	50.3	50.4	51.7	51.4	51.1	50.0	49.4	48.7	48.4
81°	45.4	46.2	46.7	46.8	48.0	48.0	47.6	46.6	45.9	45.3	45.0
81.5°	41.8	42.6	43.1	43.2	44.6	44.3	44.0	43.1	42.3	41.6	41.3
82°	38.1	39.0	39.4	39.6	41.0	40.9	40.5	39.5	38.9	38.1	37.9
82.5°	34.5	35.5	35.9	36.1	37.5	37.4	37.1	36.2	35.5	34.9	34.6
83°	31.2	31.9	32.3	32.5	34.1	34.0	33.7	32.8	32.2	31.5	31.3
83.5°	27.9	28.6	28.9	29.1	30.8	30.7	30.4	29.5	28.9	28.4	28.1
84°	24.9	25.6	25.9	25.9	27.5	27.5	27.2	26.4	25.7	25.2	25.0
84.5°	22.1	22.8	23.1	23.1	24.5	24.5	24.3	23.5	23.0	22.5	22.4
85°	19.4	20.1	20.2	20.3	21.8	21.7	21.5	20.8	20.1	19.6	19.6
85.5°	16.7	17.4	17.6	17.6	19.0	19.0	18.7	18.0	17.4	17.1	17.0
86°	14.3	15.0	15.1	15.1	16.3	16.4	16.1	15.4	14.9	14.5	14.4
86.5°	12.2	12.8	12.8	12.8	13.9	13.9	13.6	13.1	12.5	12.2	12.3
87°	10.2	10.7	10.8	10.8	11.6	11.6	11.4	10.8	10.4	10.2	10.2
87.5°	8.5	8.9	9.0	8.8	9.6	9.5	9.5	8.9	8.5	8.4	8.4
88°	7.0	7.4	7.4	7.2	7.6	7.7	7.5	7.2	6.7	6.7	6.7
88.5°	5.9	6.0	6.0	5.8	6.0	6.1	6.0	5.5	5.2	5.3	5.4

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

Scaled Data Report



TEST NUMBER: P997245
CATALOG NUMBER: SMX8SLSFS010-1200LM-5000K

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: P997245

CATALOG NUMBER: SMX8SLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	467.9	467.9	467.9	467.9	467.9	467.9
0.5°	468.0	468.0	467.6	468.2	467.9	467.3
1°	468.0	468.0	467.4	467.8	468.1	467.3
1.5°	467.6	467.8	467.4	467.9	467.8	467.1
2°	467.7	467.6	467.3	467.6	467.7	466.9
2.5°	467.2	467.4	467.4	467.5	467.2	466.7
3°	467.2	467.1	467.0	467.1	467.3	466.7
3.5°	466.7	466.7	466.8	467.0	467.0	466.5
4°	466.6	466.5	466.2	466.5	466.8	466.4
4.5°	466.1	466.1	465.9	466.2	466.2	466.1
5°	465.8	465.8	465.5	465.7	465.9	465.5
5.5°	465.2	465.2	465.1	465.4	465.4	465.1
6°	464.9	464.9	464.5	464.6	465.0	464.6
6.5°	464.2	464.3	464.0	464.3	464.4	464.2
7°	463.8	463.6	463.4	463.8	464.1	463.7
7.5°	463.1	463.0	462.8	463.1	463.3	463.3
8°	462.8	462.3	462.1	462.3	462.9	462.4
8.5°	462.1	461.7	461.6	462.1	462.0	461.9
9°	461.3	461.2	460.9	461.3	461.6	461.1
9.5°	460.5	460.4	460.3	460.7	460.8	460.6
10°	459.9	459.6	459.3	459.9	460.2	459.9
10.5°	459.0	458.9	458.5	459.1	459.4	459.0
11°	458.2	458.1	457.9	458.3	458.6	458.0
11.5°	457.1	457.1	457.0	457.4	457.6	457.4
12°	456.2	456.1	455.9	456.5	456.7	456.5
12.5°	455.1	455.3	455.2	455.6	455.7	455.6
13°	454.3	454.4	453.8	454.5	454.8	454.5
13.5°	453.0	453.3	453.0	453.4	453.6	453.5
14°	452.1	452.1	451.6	452.3	452.7	452.3
14.5°	451.0	451.0	450.7	451.3	451.5	451.4
15°	449.8	449.9	449.3	450.3	450.6	450.2
15.5°	448.5	448.8	448.4	449.1	449.4	449.2
16°	447.3	447.4	447.2	447.9	448.2	448.0
16.5°	445.9	446.5	446.0	446.6	446.7	446.8
17°	444.7	445.2	444.4	445.3	445.6	445.2
17.5°	443.2	443.7	443.1	443.8	444.1	444.1
18°	442.0	442.3	441.7	442.7	443.0	442.7
18.5°	440.5	440.7	440.4	441.1	441.4	441.5
19°	439.2	439.3	438.8	439.8	440.1	439.9
19.5°	437.8	437.6	437.5	438.3	438.4	438.4
20°	436.3	436.4	435.9	437.0	437.2	436.9
20.5°	434.6	434.8	434.6	435.0	435.3	435.4
21°	432.9	433.0	432.5	433.5	433.9	433.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997245

CATALOG NUMBER: SMX8SLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	427.7	428.2	427.7	428.8	428.6	428.9
23°	426.1	426.3	426.0	427.0	427.0	427.1
23.5°	424.2	424.3	424.5	425.3	425.0	425.5
24°	422.5	422.4	422.5	423.7	423.5	423.6
24.5°	420.6	420.6	420.7	421.9	421.5	421.8
25°	418.6	418.5	418.7	420.2	420.0	419.6
25.5°	416.8	416.7	416.9	418.4	417.8	418.1
26°	414.8	414.9	414.9	416.2	415.9	415.7
26.5°	412.8	412.8	412.7	414.0	413.6	413.8
27°	410.8	410.6	410.6	412.0	411.7	411.6
27.5°	408.5	408.5	408.5	409.9	409.5	409.9
28°	406.6	406.6	406.4	407.8	407.6	407.5
28.5°	404.2	404.3	404.3	405.5	405.3	405.4
29°	402.1	401.8	402.2	403.5	403.3	403.2
29.5°	399.8	399.7	400.2	401.3	400.9	401.3
30°	397.7	397.7	397.9	399.1	398.7	399.0
30.5°	395.4	395.3	395.6	396.7	396.4	396.7
31°	393.2	392.8	393.2	394.5	394.3	394.3
31.5°	390.8	390.5	390.9	392.1	391.9	392.1
32°	388.5	388.4	388.5	389.6	389.5	389.5
32.5°	386.1	386.1	386.5	387.4	387.1	387.5
33°	383.8	383.7	384.0	384.9	384.7	385.2
33.5°	381.4	381.2	381.5	382.6	382.4	382.5
34°	378.9	378.8	379.2	380.0	380.0	379.9
34.5°	376.2	376.3	376.6	377.3	377.5	377.6
35°	373.8	373.8	374.1	374.8	374.9	375.0
35.5°	371.1	370.9	371.5	372.2	372.4	372.6
36°	368.6	368.3	368.9	369.7	369.9	369.9
36.5°	365.8	365.8	366.0	367.0	367.1	367.3
37°	363.1	363.2	363.5	364.4	364.5	364.6
37.5°	360.2	360.5	360.9	361.4	361.8	362.0
38°	357.5	357.8	358.1	358.6	359.1	359.3
38.5°	354.7	354.8	355.2	355.8	356.3	356.5
39°	351.9	352.1	352.5	353.1	353.6	353.7
39.5°	349.4	349.3	349.8	350.4	350.9	351.0
40°	346.5	346.5	346.9	347.6	348.0	348.2
40.5°	343.5	343.5	343.9	344.7	345.1	345.2
41°	340.6	340.6	341.0	341.7	342.3	342.3
41.5°	337.6	337.6	338.0	338.7	339.1	339.4
42°	334.6	334.7	335.0	335.8	336.2	336.5
42.5°	331.6	331.7	332.2	332.8	333.4	333.4
43°	328.6	328.8	329.2	329.8	330.4	330.5
43.5°	325.4	325.5	326.2	326.7	327.3	327.4

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997245

CATALOG NUMBER: SMX8SLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	316.3	316.3	316.7	317.5	318.3	318.2
45.5°	313.4	313.3	313.7	314.3	315.3	315.1
46°	310.3	310.2	310.5	311.4	312.1	311.9
46.5°	307.0	307.1	307.4	308.2	308.8	308.9
47°	303.8	303.7	304.0	305.0	305.6	305.5
47.5°	300.6	300.4	300.8	301.6	302.4	302.4
48°	297.4	297.2	297.5	298.4	299.0	299.0
48.5°	294.1	294.0	294.2	295.0	295.8	295.8
49°	290.7	290.5	290.7	291.8	292.4	292.2
49.5°	287.4	287.1	287.6	288.2	289.0	288.9
50°	284.0	283.6	284.1	285.0	285.5	285.7
50.5°	280.6	280.3	280.7	281.5	282.3	282.2
51°	277.3	277.0	277.4	278.1	279.0	278.9
51.5°	274.0	273.6	274.0	274.8	275.7	275.4
52°	270.5	270.2	270.4	271.2	272.0	272.1
52.5°	267.1	266.5	266.9	267.7	268.7	268.6
53°	263.5	263.0	263.4	264.1	265.0	265.1
53.5°	260.1	259.6	260.0	260.7	261.5	261.5
54°	256.3	255.8	256.1	257.0	257.7	258.0
54.5°	252.8	252.2	252.6	253.4	254.3	254.3
55°	249.2	248.5	248.9	249.8	250.6	250.8
55.5°	245.6	244.9	245.4	246.0	246.9	247.0
56°	241.8	241.4	241.7	242.5	243.3	243.5
56.5°	238.3	237.8	238.3	238.9	239.6	240.0
57°	234.6	233.9	234.5	235.3	235.9	236.3
57.5°	230.9	230.4	230.7	231.2	232.2	232.2
58°	227.2	226.5	226.8	227.6	228.2	228.8
58.5°	223.5	222.8	223.2	223.8	224.6	225.1
59°	219.8	219.0	219.2	220.1	220.7	221.1
59.5°	215.8	215.2	215.4	216.0	216.9	217.1
60°	212.0	211.3	211.6	212.4	212.9	213.5
60.5°	208.2	207.3	207.7	208.3	209.2	209.6
61°	204.4	203.4	203.9	204.6	205.4	205.8
61.5°	200.5	199.5	200.2	200.6	201.6	202.0
62°	196.5	195.7	196.1	196.8	197.7	198.0
62.5°	192.5	191.8	192.0	192.7	193.6	194.2
63°	188.6	187.8	188.1	188.7	189.6	190.1
63.5°	184.7	183.8	184.2	184.7	185.7	186.3
64°	180.6	179.8	180.2	180.8	181.7	182.0
64.5°	176.6	175.8	176.1	176.7	177.7	178.1
65°	172.8	171.7	172.0	172.7	173.6	174.2
65.5°	168.8	167.6	168.3	168.7	169.7	170.3
66°	164.9	163.7	164.2	164.7	165.7	166.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997245

CATALOG NUMBER: SMX8SLSFS010-1200LM-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	152.6	151.5	151.9	152.5	153.6	153.8
68°	148.5	147.4	147.8	148.4	149.5	149.7
68.5°	144.5	143.4	143.6	144.1	145.4	145.9
69°	140.4	139.1	139.4	140.1	141.2	141.6
69.5°	136.1	135.0	135.3	135.8	137.0	137.4
70°	132.2	130.9	131.3	131.9	133.0	133.5
70.5°	127.9	126.8	127.1	127.8	128.8	129.3
71°	123.7	122.6	123.1	123.7	124.7	125.2
71.5°	119.5	118.4	118.8	119.5	120.6	121.0
72°	115.4	114.3	114.5	115.3	116.4	117.0
72.5°	111.2	110.1	110.5	111.2	112.3	112.7
73°	107.1	105.8	106.3	106.9	108.0	108.5
73.5°	103.1	101.8	102.0	102.8	104.0	104.3
74°	98.9	97.7	98.2	98.6	99.8	100.2
74.5°	94.9	93.7	94.1	94.7	95.9	96.3
75°	90.9	89.5	89.9	90.7	91.7	92.2
75.5°	86.8	85.6	85.9	86.4	87.5	88.1
76°	82.7	81.5	81.9	82.5	83.4	83.9
76.5°	78.5	77.4	77.7	78.4	79.3	79.9
77°	74.5	73.4	73.8	74.4	75.3	75.9
77.5°	70.6	69.3	69.7	70.3	71.3	71.8
78°	66.6	65.4	65.8	66.5	67.3	67.8
78.5°	62.8	61.6	61.9	62.5	63.4	63.9
79°	59.1	57.8	58.2	58.8	59.6	60.2
79.5°	55.2	53.8	54.3	55.0	55.9	56.4
80°	51.6	50.3	50.5	51.3	52.1	52.6
80.5°	48.2	46.6	46.8	47.6	48.4	48.8
81°	44.5	43.1	43.4	44.1	44.7	45.4
81.5°	40.9	39.5	39.9	40.5	41.2	41.8
82°	37.5	35.9	36.4	37.0	37.7	38.1
82.5°	34.2	32.5	32.8	33.4	34.1	34.5
83°	30.9	29.0	29.4	29.9	30.7	31.2
83.5°	27.8	25.9	26.3	26.7	27.4	27.9
84°	24.7	23.2	23.5	24.0	24.6	24.9
84.5°	22.0	20.4	20.6	21.2	21.8	22.1
85°	19.2	17.6	18.0	18.6	19.1	19.4
85.5°	16.7	15.2	15.6	16.1	16.5	16.7
86°	14.3	13.1	13.4	13.8	14.2	14.3
86.5°	12.1	11.0	11.4	11.8	12.1	12.2
87°	10.1	9.1	9.5	9.9	10.2	10.2
87.5°	8.4	7.6	8.1	8.4	8.5	8.5
88°	6.7	6.2	6.7	7.0	7.0	7.0
88.5°	5.3	5.0	5.6	5.9	5.8	5.9

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Scaled Data Report



TEST NUMBER: P997245
CATALOG NUMBER: SMX8SLSFS010-1200LM-5000K

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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Report Generated By 670245859 / DESKTOP-T8S5UU9

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

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21.5°	432.3	433.0	432.6	432.5	432.4	432.2	432.3	431.5	430.6	431.0	431.1
22°	430.4	431.2	431.0	430.8	431.0	430.4	430.5	429.7	428.9	429.4	429.6



44°	324.3	325.1	325.2	325.3	325.4	324.8	324.5	323.7	323.0	323.5	323.0
44.5°	321.3	322.0	322.3	322.3	322.2	321.8	321.3	320.8	319.8	320.5	319.9



66.5°	162.1	163.1	163.7	163.7	165.0	164.5	164.2	163.3	162.2	161.7	161.1
67°	158.0	159.0	159.5	159.8	160.9	160.5	160.2	159.1	158.2	157.7	157.1



89°	4.6	4.8	4.8	4.5	4.6	4.7	4.6	4.2	4.0	4.0	4.2
89.5°	3.6	3.8	3.8	3.5	3.4	3.4	3.4	3.1	2.8	3.0	3.2

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21.5°	431.2	431.4	431.0	432.0	432.2	432.3
22°	429.7	429.9	429.3	430.5	430.6	430.4

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44°	322.5	322.4	323.0	323.7	324.3	324.3
44.5°	319.4	319.4	319.9	320.5	321.3	321.3

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66.5°	160.9	159.7	160.2	160.7	161.7	162.1
67°	156.9	155.7	156.0	156.5	157.5	158.0

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89°	4.2	4.0	4.6	4.8	4.7	4.6
89.5°	3.1	3.3	3.7	3.9	3.8	3.6

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(END OF REPORT)