

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: P997226

Luminaire Tested: **SMX8RLSFS010-1200LM-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: P997226
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-2700K
Description: 8IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

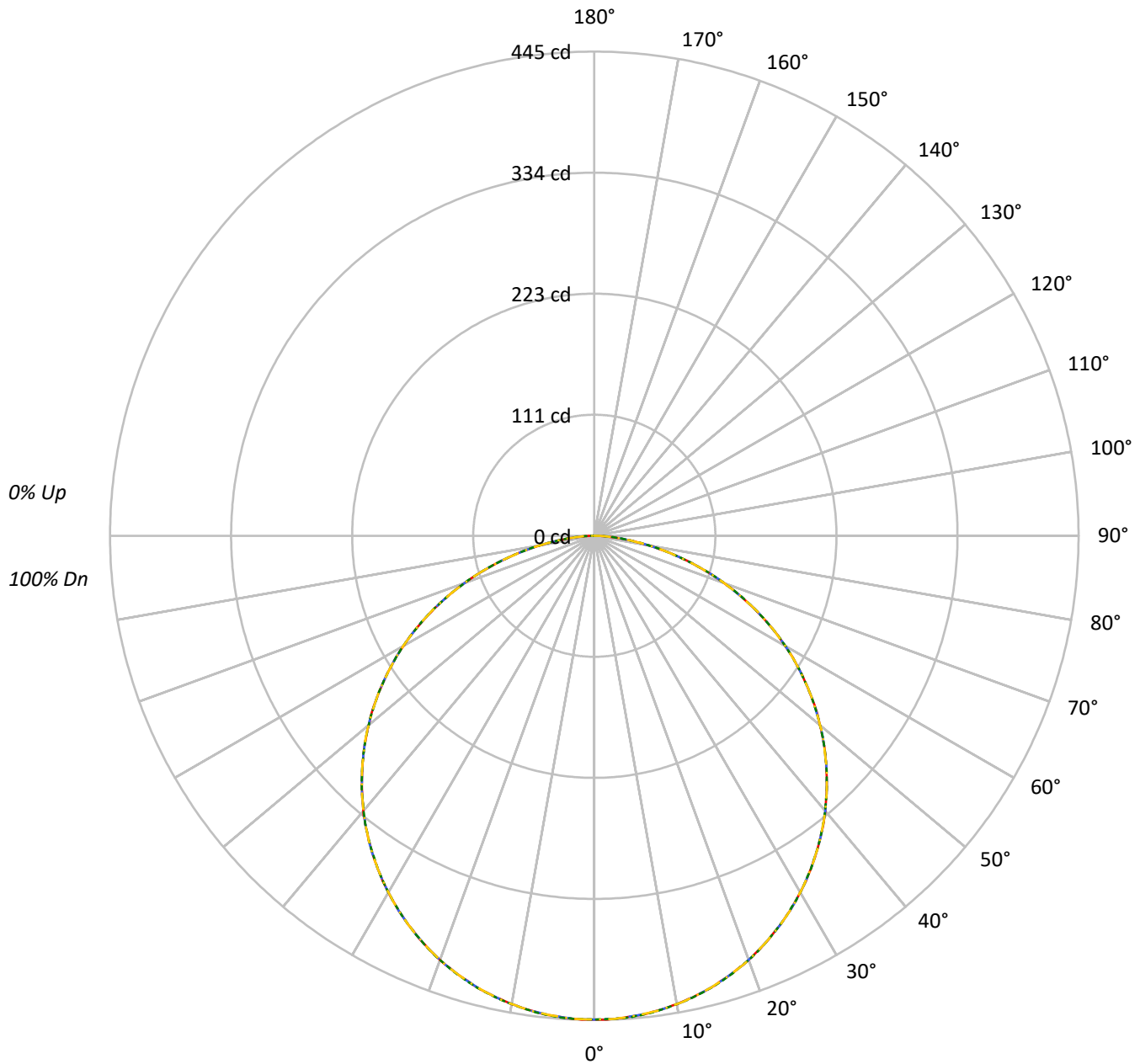
Lumens per Lamp: N/A
Luminaire Lumens: 1293.9 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.39
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 13.4
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°	13577	13577	13577	13577
5°	13567	13574	13567	13574
10°	13554	13551	13554	13551
15°	13525	13525	13525	13525
20°	13480	13480	13480	13480
25°	13407	13414	13407	13414
30°	13340	13343	13340	13343
35°	13257	13250	13257	13250
40°	13164	13152	13164	13152
45°	13013	13026	13013	13026
50°	12857	12862	12857	12862
55°	12652	12658	12652	12658
60°	12365	12383	12365	12383
65°	11934	11978	11934	11978
70°	11319	11328	11319	11328
75°	10333	10369	10333	10369
80°	8826	8896	8826	8896
85°	6621	7006	6621	7006



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.1	3.3
10°-20°	120.7	9.3
20°-30°	183.5	14.2
30°-40°	222.5	17.2
40°-50°	232.6	18.0
50°-60°	212.4	16.4
60°-70°	163.5	12.6
70°-80°	92.8	7.2
80°-90°	23.9	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°	346.3	26.8
0°-40°	568.8	44.0
0°-60°	1013.8	78.4
0°-90°	1293.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1293.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	445	445	445	445	445	
5°	443	443	443	443	443	42
15°	428	428	428	428	428	121
25°	398	398	398	398	398	184
35°	356	356	356	356	356	223
45°	301	302	301	302	301	233
55°	238	238	238	238	238	212
65°	165	166	165	166	165	163
75°	88	88	88	88	88	93
85°	19	20	19	20	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°	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7	444.7
0.5°	444.7	445.0	444.6	444.7	444.6	444.7	444.6	445.0	444.7	445.0	444.6
1°	444.7	444.7	444.5	444.6	444.6	444.6	444.5	444.7	444.7	444.7	444.5
1.5°	444.8	444.6	444.5	444.3	444.5	444.3	444.5	444.6	444.8	444.6	444.5
2°	444.5	444.7	444.4	444.2	444.4	444.2	444.4	444.7	444.5	444.7	444.4
2.5°	444.3	444.4	444.3	444.1	444.3	444.1	444.3	444.4	444.3	444.4	444.3
3°	444.1	443.9	443.9	444.1	444.0	444.1	443.9	443.9	444.1	443.9	443.9
3.5°	443.7	443.8	443.7	443.7	444.1	443.7	443.7	443.8	443.7	443.8	443.7
4°	443.3	443.5	443.3	443.6	443.7	443.6	443.3	443.5	443.3	443.5	443.3
4.5°	443.1	443.2	442.9	443.1	443.5	443.1	442.9	443.2	443.1	443.2	442.9
5°	442.7	442.8	442.6	442.9	442.9	442.9	442.6	442.8	442.7	442.8	442.6
5.5°	442.6	442.4	442.2	442.4	442.8	442.4	442.2	442.4	442.6	442.4	442.2
6°	442.3	442.0	441.8	442.0	442.2	442.0	441.8	442.0	442.3	442.0	441.8
6.5°	441.5	441.4	441.4	441.4	441.8	441.4	441.4	441.4	441.5	441.4	441.4
7°	440.8	440.9	440.9	441.1	441.2	441.1	440.9	440.9	440.8	440.9	440.9
7.5°	440.4	440.5	440.5	440.5	440.5	440.5	440.5	440.5	440.4	440.5	440.5
8°	439.9	439.8	439.9	439.8	439.8	439.8	439.9	439.8	439.9	439.8	439.9
8.5°	439.1	439.3	439.2	439.1	439.3	439.1	439.2	439.3	439.1	439.3	439.2
9°	438.5	438.6	438.6	438.4	438.6	438.4	438.6	438.6	438.5	438.6	438.6
9.5°	437.7	438.0	437.7	437.8	437.9	437.8	437.7	438.0	437.7	438.0	437.7
10°	437.2	437.1	437.1	437.1	437.1	437.1	437.1	437.1	437.2	437.1	437.1
10.5°	436.1	436.4	436.4	436.2	436.4	436.2	436.4	436.4	436.1	436.4	436.4
11°	435.3	435.5	435.6	435.4	435.6	435.4	435.6	435.5	435.3	435.5	435.6
11.5°	434.3	434.8	434.6	434.5	434.8	434.5	434.6	434.8	434.3	434.8	434.6
12°	433.8	433.7	433.6	433.9	433.8	433.9	433.6	433.7	433.8	433.7	433.6
12.5°	432.8	433.0	432.8	433.0	433.0	433.0	432.8	433.0	432.8	433.0	432.8
13°	431.8	432.0	431.8	432.0	432.0	432.0	431.8	432.0	431.8	432.0	431.8
13.5°	431.0	430.9	431.0	431.1	431.1	431.1	431.0	430.9	431.0	430.9	431.0
14°	429.9	430.1	429.8	430.1	429.9	430.1	429.8	430.1	429.9	430.1	429.8
14.5°	428.9	429.0	428.9	428.9	429.2	428.9	428.9	429.0	428.9	429.0	428.9
15°	427.9	427.7	427.5	427.8	427.9	427.8	427.5	427.7	427.9	427.7	427.5
15.5°	426.4	426.7	426.3	426.8	426.8	426.8	426.3	426.7	426.4	426.7	426.3
16°	425.1	425.3	425.2	425.6	425.7	425.6	425.2	425.3	425.1	425.3	425.2
16.5°	424.1	424.2	424.1	424.2	424.4	424.2	424.1	424.2	424.1	424.2	424.1
17°	422.9	422.8	422.9	422.9	423.2	422.9	422.9	422.8	422.9	422.8	422.9
17.5°	421.7	421.5	421.5	421.6	421.9	421.6	421.5	421.5	421.7	421.5	421.5
18°	420.3	420.1	420.2	420.3	420.6	420.3	420.2	420.1	420.3	420.1	420.2
18.5°	418.9	418.8	419.0	418.9	419.0	418.9	419.0	418.8	418.9	418.8	419.0
19°	417.7	417.5	417.7	417.6	417.5	417.6	417.7	417.5	417.7	417.5	417.7
19.5°	416.3	416.2	416.3	416.1	416.2	416.1	416.3	416.2	416.3	416.2	416.3
20°	414.9	414.7	414.8	414.8	414.9	414.8	414.8	414.7	414.9	414.7	414.8
20.5°	413.4	413.1	413.2	413.3	413.5	413.3	413.2	413.1	413.4	413.1	413.2
21°	411.7	411.4	411.6	412.0	411.8	412.0	411.6	411.4	411.7	411.4	411.6

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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°	406.8	406.8	406.8	406.8	407.0	406.8	406.8	406.8	406.8	406.8	406.8
23°	405.4	404.9	405.2	405.2	405.2	405.2	405.2	404.9	405.4	404.9	405.2
23.5°	403.6	403.4	403.5	403.6	403.5	403.6	403.5	403.4	403.6	403.4	403.5
24°	401.7	401.5	401.8	401.9	401.8	401.9	401.8	401.5	401.7	401.5	401.8
24.5°	399.8	399.9	400.0	400.1	400.0	400.1	400.0	399.9	399.8	399.9	400.0
25°	398.0	397.9	398.1	398.3	398.2	398.3	398.1	397.9	398.0	397.9	398.1
25.5°	396.4	396.3	396.4	396.4	396.3	396.4	396.4	396.3	396.4	396.3	396.4
26°	394.5	394.3	394.6	394.5	394.5	394.5	394.6	394.3	394.5	394.3	394.6
26.5°	392.5	392.5	392.7	392.6	392.7	392.6	392.7	392.5	392.5	392.5	392.7
27°	390.6	390.5	390.7	390.7	390.7	390.7	390.7	390.5	390.6	390.5	390.7
27.5°	388.8	388.5	388.8	388.7	388.6	388.7	388.8	388.5	388.8	388.5	388.8
28°	386.8	386.4	386.8	386.7	386.6	386.7	386.8	386.4	386.8	386.4	386.8
28.5°	384.7	384.4	384.9	384.5	384.6	384.5	384.9	384.4	384.7	384.4	384.9
29°	382.6	382.5	382.7	382.6	382.8	382.6	382.7	382.5	382.6	382.5	382.7
29.5°	380.6	380.4	380.5	380.5	380.5	380.5	380.5	380.4	380.6	380.4	380.5
30°	378.4	378.3	378.4	378.4	378.5	378.4	378.4	378.3	378.4	378.3	378.4
30.5°	376.4	376.1	376.3	376.3	376.4	376.3	376.3	376.1	376.4	376.1	376.3
31°	374.2	373.8	374.1	374.2	374.1	374.2	374.1	373.8	374.2	373.8	374.1
31.5°	372.2	371.6	371.8	372.0	371.9	372.0	371.8	371.6	372.2	371.6	371.8
32°	369.8	369.4	369.7	369.8	369.6	369.8	369.7	369.4	369.8	369.4	369.7
32.5°	367.4	367.3	367.4	367.5	367.4	367.5	367.4	367.3	367.4	367.3	367.4
33°	365.3	365.0	365.2	365.3	365.2	365.3	365.2	365.0	365.3	365.0	365.2
33.5°	362.8	362.7	362.8	362.8	362.8	362.8	362.8	362.7	362.8	362.7	362.8
34°	360.4	360.5	360.5	360.6	360.2	360.6	360.5	360.5	360.4	360.5	360.5
34.5°	358.2	358.0	358.0	358.0	357.9	358.0	358.0	358.0	358.2	358.0	358.0
35°	355.7	355.6	355.7	355.7	355.5	355.7	355.7	355.6	355.7	355.6	355.7
35.5°	353.1	353.2	353.3	353.2	353.2	353.2	353.3	353.2	353.1	353.2	353.3
36°	350.8	350.8	350.9	350.8	350.7	350.8	350.9	350.8	350.8	350.8	350.9
36.5°	348.4	348.3	348.4	348.1	348.2	348.1	348.4	348.3	348.4	348.3	348.4
37°	345.7	345.7	345.8	345.6	345.6	345.6	345.8	345.7	345.7	345.7	345.8
37.5°	343.2	343.1	343.2	343.0	343.2	343.0	343.2	343.1	343.2	343.1	343.2
38°	340.7	340.4	340.6	340.5	340.6	340.5	340.6	340.4	340.7	340.4	340.6
38.5°	338.3	337.8	338.1	338.0	338.1	338.0	338.1	337.8	338.3	337.8	338.1
39°	335.5	335.2	335.5	335.4	335.4	335.4	335.5	335.2	335.5	335.2	335.5
39.5°	333.2	332.6	332.8	332.6	332.7	332.6	332.8	332.6	333.2	332.6	332.8
40°	330.3	329.9	330.2	329.9	330.0	329.9	330.2	329.9	330.3	329.9	330.2
40.5°	327.4	327.2	327.2	327.2	327.0	327.2	327.2	327.2	327.4	327.2	327.2
41°	324.5	324.5	324.5	324.5	324.3	324.5	324.5	324.5	324.5	324.5	324.5
41.5°	321.7	321.7	321.7	321.7	321.5	321.7	321.7	321.7	321.7	321.7	321.7
42°	318.8	319.0	319.0	319.0	319.0	319.0	319.0	319.0	318.8	319.0	319.0
42.5°	316.1	316.0	316.2	316.2	316.3	316.2	316.2	316.0	316.1	316.0	316.2
43°	313.2	313.1	313.1	313.4	313.4	313.4	313.1	313.1	313.2	313.1	313.1
43.5°	310.2	310.2	310.3	310.5	310.4	310.5	310.3	310.2	310.2	310.2	310.3

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	301.4	301.4	301.6	301.6	301.7	301.6	301.6	301.4	301.4	301.4	301.6
45.5°	298.7	298.4	298.7	298.5	298.6	298.5	298.7	298.4	298.7	298.4	298.7
46°	295.6	295.4	295.5	295.6	295.6	295.6	295.5	295.4	295.6	295.4	295.5
46.5°	292.6	292.5	292.5	292.5	292.6	292.5	292.5	292.5	292.6	292.5	292.5
47°	289.5	289.5	289.4	289.4	289.6	289.4	289.4	289.5	289.5	289.5	289.4
47.5°	286.5	286.4	286.5	286.6	286.5	286.6	286.5	286.4	286.5	286.4	286.5
48°	283.3	283.4	283.5	283.5	283.3	283.5	283.5	283.4	283.3	283.4	283.5
48.5°	280.1	280.3	280.4	280.4	280.4	280.4	280.4	280.3	280.1	280.3	280.4
49°	277.1	277.0	277.3	277.3	277.1	277.3	277.3	277.0	277.1	277.0	277.3
49.5°	274.0	273.8	274.2	274.1	274.1	274.1	274.2	273.8	274.0	273.8	274.2
50°	270.7	270.7	270.8	271.0	270.8	271.0	270.8	270.7	270.7	270.7	270.8
50.5°	267.5	267.6	267.6	267.8	267.7	267.8	267.6	267.6	267.5	267.6	267.6
51°	264.6	264.3	264.3	264.6	264.4	264.6	264.3	264.3	264.6	264.3	264.3
51.5°	261.4	261.1	261.0	261.3	261.2	261.3	261.0	261.1	261.4	261.1	261.0
52°	258.0	257.8	257.9	257.9	257.9	257.9	257.9	257.8	258.0	257.8	257.9
52.5°	254.7	254.6	254.6	254.5	254.6	254.5	254.6	254.6	254.7	254.6	254.6
53°	251.3	251.2	251.3	251.2	251.3	251.2	251.3	251.2	251.3	251.2	251.3
53.5°	247.9	247.9	248.0	247.9	248.0	247.9	248.0	247.9	247.9	247.9	248.0
54°	244.5	244.4	244.5	244.5	244.5	244.5	244.5	244.4	244.5	244.4	244.5
54.5°	241.1	241.1	241.2	241.1	241.3	241.1	241.2	241.1	241.1	241.1	241.2
55°	237.7	237.7	237.8	237.8	237.8	237.8	237.8	237.7	237.7	237.7	237.8
55.5°	234.2	234.3	234.4	234.3	234.3	234.3	234.4	234.3	234.2	234.3	234.4
56°	230.9	230.9	230.7	230.9	230.8	230.9	230.7	230.9	230.9	230.9	230.7
56.5°	227.6	227.6	227.3	227.6	227.5	227.6	227.3	227.6	227.6	227.6	227.3
57°	224.0	224.0	223.9	224.0	223.9	224.0	223.9	224.0	224.0	224.0	223.9
57.5°	220.3	220.5	220.4	220.5	220.3	220.5	220.4	220.5	220.3	220.5	220.4
58°	217.0	216.9	217.0	216.9	216.8	216.9	217.0	216.9	217.0	216.9	217.0
58.5°	213.5	213.5	213.4	213.4	213.5	213.4	213.4	213.5	213.5	213.5	213.4
59°	209.8	209.8	209.9	209.9	209.9	209.9	209.9	209.8	209.8	209.8	209.9
59.5°	206.3	206.2	206.4	206.4	206.3	206.4	206.4	206.2	206.3	206.2	206.4
60°	202.5	202.6	202.7	202.9	202.8	202.9	202.7	202.6	202.5	202.6	202.7
60.5°	199.0	199.0	198.9	199.2	199.1	199.2	198.9	199.0	199.0	199.0	198.9
61°	195.3	195.3	195.2	195.5	195.4	195.5	195.2	195.3	195.3	195.3	195.2
61.5°	191.8	191.6	191.6	191.8	191.9	191.8	191.6	191.6	191.8	191.6	191.6
62°	188.0	188.0	188.0	188.1	188.1	188.1	188.0	188.0	188.0	188.0	188.0
62.5°	184.2	184.2	184.3	184.3	184.4	184.3	184.3	184.2	184.2	184.2	184.3
63°	180.5	180.5	180.6	180.5	180.6	180.5	180.6	180.5	180.5	180.5	180.6
63.5°	176.6	176.8	176.8	176.7	176.8	176.7	176.8	176.8	176.6	176.8	176.8
64°	172.9	172.9	173.0	172.9	173.2	172.9	173.0	172.9	172.9	172.9	173.0
64.5°	169.1	169.2	169.2	169.2	169.5	169.2	169.2	169.2	169.1	169.2	169.2
65°	165.2	165.4	165.6	165.6	165.8	165.6	165.6	165.4	165.2	165.4	165.6
65.5°	161.6	161.6	161.6	161.7	161.9	161.7	161.6	161.6	161.6	161.6	161.6
66°	157.7	157.7	157.8	157.8	157.9	157.8	157.8	157.7	157.7	157.7	157.8

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997226

CATALOG NUMBER: SMX8RLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	146.2	146.2	146.2	146.3	146.5	146.3	146.2	146.2	146.2	146.2	146.2
68°	142.3	142.4	142.3	142.5	142.6	142.5	142.3	142.4	142.3	142.4	142.3
68.5°	138.5	138.5	138.4	138.7	138.8	138.7	138.4	138.5	138.5	138.5	138.4
69°	134.5	134.6	134.6	134.7	134.8	134.7	134.6	134.6	134.5	134.6	134.6
69.5°	130.6	130.7	130.8	130.6	130.7	130.6	130.8	130.7	130.6	130.7	130.8
70°	126.8	126.8	126.9	126.8	126.9	126.8	126.9	126.8	126.8	126.8	126.9
70.5°	123.0	123.0	122.9	123.0	122.9	123.0	122.9	123.0	123.0	123.0	122.9
71°	118.9	119.2	119.1	119.0	119.0	119.0	119.1	119.2	118.9	119.2	119.1
71.5°	115.0	115.1	115.0	115.1	115.1	115.1	115.0	115.1	115.0	115.1	115.0
72°	111.0	111.1	111.1	111.3	111.1	111.3	111.1	111.1	111.0	111.1	111.1
72.5°	107.1	107.1	107.2	107.2	107.3	107.2	107.2	107.1	107.1	107.1	107.2
73°	103.2	103.2	103.4	103.4	103.4	103.4	103.4	103.2	103.2	103.2	103.4
73.5°	99.2	99.3	99.4	99.5	99.4	99.5	99.4	99.3	99.2	99.3	99.4
74°	95.4	95.5	95.5	95.6	95.6	95.6	95.5	95.5	95.4	95.5	95.5
74.5°	91.4	91.5	91.5	91.7	91.8	91.7	91.5	91.5	91.4	91.5	91.5
75°	87.6	87.6	87.7	87.8	87.9	87.8	87.7	87.6	87.6	87.6	87.7
75.5°	83.8	83.7	83.9	83.9	84.1	83.9	83.9	83.7	83.8	83.7	83.9
76°	79.9	79.9	80.0	80.1	80.2	80.1	80.0	79.9	79.9	79.9	80.0
76.5°	75.9	76.0	76.1	76.3	76.4	76.3	76.1	76.0	75.9	76.0	76.1
77°	72.2	72.2	72.3	72.6	72.8	72.6	72.3	72.2	72.2	72.2	72.3
77.5°	68.3	68.4	68.6	68.9	69.0	68.9	68.6	68.4	68.3	68.4	68.6
78°	64.6	64.6	64.9	65.0	65.3	65.0	64.9	64.6	64.6	64.6	64.9
78.5°	60.9	60.9	61.2	61.2	61.5	61.2	61.2	60.9	60.9	60.9	61.2
79°	57.4	57.4	57.5	57.7	58.0	57.7	57.5	57.4	57.4	57.4	57.5
79.5°	53.8	53.8	53.9	54.1	54.2	54.1	53.9	53.8	53.8	53.8	53.9
80°	50.2	50.3	50.3	50.6	50.6	50.6	50.3	50.3	50.2	50.3	50.3
80.5°	46.7	46.8	47.0	47.1	47.1	47.1	47.0	46.8	46.7	46.8	47.0
81°	43.4	43.4	43.6	43.8	43.7	43.8	43.6	43.4	43.4	43.4	43.6
81.5°	40.0	40.0	40.2	40.3	40.3	40.3	40.2	40.0	40.0	40.0	40.2
82°	36.7	36.7	36.9	37.1	37.1	37.1	36.9	36.7	36.7	36.7	36.9
82.5°	33.4	33.5	33.6	34.0	34.1	34.0	33.6	33.5	33.4	33.5	33.6
83°	30.3	30.3	30.7	31.1	31.2	31.1	30.7	30.3	30.3	30.3	30.7
83.5°	27.1	27.2	27.6	28.0	28.2	28.0	27.6	27.2	27.1	27.2	27.6
84°	24.2	24.4	24.8	25.2	25.4	25.2	24.8	24.4	24.2	24.4	24.8
84.5°	21.5	21.7	22.0	22.4	23.0	22.4	22.0	21.7	21.5	21.7	22.0
85°	18.9	19.1	19.5	19.8	20.0	19.8	19.5	19.1	18.9	19.1	19.5
85.5°	16.5	16.7	17.0	17.4	17.9	17.4	17.0	16.7	16.5	16.7	17.0
86°	14.3	14.4	14.8	15.2	15.6	15.2	14.8	14.4	14.3	14.4	14.8
86.5°	12.1	12.2	12.7	13.2	13.8	13.2	12.7	12.2	12.1	12.2	12.7
87°	10.1	10.3	10.9	11.3	11.8	11.3	10.9	10.3	10.1	10.3	10.9
87.5°	8.3	8.6	9.1	9.6	10.2	9.6	9.1	8.6	8.3	8.6	9.1
88°	6.8	7.1	7.5	8.0	8.5	8.0	7.5	7.1	6.8	7.1	7.5
88.5°	5.5	5.7	6.1	6.5	7.2	6.5	6.1	5.7	5.5	5.7	6.1

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

Scaled Data Report



TEST NUMBER: P997226
CATALOG NUMBER: SMX8RLSFS010-1200LM-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: P997226

CATALOG NUMBER: SMX8RLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	444.7	444.7	444.7	444.7	444.7	444.7
0.5°	444.7	444.6	444.7	444.6	445.0	444.7
1°	444.6	444.6	444.6	444.5	444.7	444.7
1.5°	444.3	444.5	444.3	444.5	444.6	444.8
2°	444.2	444.4	444.2	444.4	444.7	444.5
2.5°	444.1	444.3	444.1	444.3	444.4	444.3
3°	444.1	444.0	444.1	443.9	443.9	444.1
3.5°	443.7	444.1	443.7	443.7	443.8	443.7
4°	443.6	443.7	443.6	443.3	443.5	443.3
4.5°	443.1	443.5	443.1	442.9	443.2	443.1
5°	442.9	442.9	442.9	442.6	442.8	442.7
5.5°	442.4	442.8	442.4	442.2	442.4	442.6
6°	442.0	442.2	442.0	441.8	442.0	442.3
6.5°	441.4	441.8	441.4	441.4	441.4	441.5
7°	441.1	441.2	441.1	440.9	440.9	440.8
7.5°	440.5	440.5	440.5	440.5	440.5	440.4
8°	439.8	439.8	439.8	439.9	439.8	439.9
8.5°	439.1	439.3	439.1	439.2	439.3	439.1
9°	438.4	438.6	438.4	438.6	438.6	438.5
9.5°	437.8	437.9	437.8	437.7	438.0	437.7
10°	437.1	437.1	437.1	437.1	437.1	437.2
10.5°	436.2	436.4	436.2	436.4	436.4	436.1
11°	435.4	435.6	435.4	435.6	435.5	435.3
11.5°	434.5	434.8	434.5	434.6	434.8	434.3
12°	433.9	433.8	433.9	433.6	433.7	433.8
12.5°	433.0	433.0	433.0	432.8	433.0	432.8
13°	432.0	432.0	432.0	431.8	432.0	431.8
13.5°	431.1	431.1	431.1	431.0	430.9	431.0
14°	430.1	429.9	430.1	429.8	430.1	429.9
14.5°	428.9	429.2	428.9	428.9	429.0	428.9
15°	427.8	427.9	427.8	427.5	427.7	427.9
15.5°	426.8	426.8	426.8	426.3	426.7	426.4
16°	425.6	425.7	425.6	425.2	425.3	425.1
16.5°	424.2	424.4	424.2	424.1	424.2	424.1
17°	422.9	423.2	422.9	422.9	422.8	422.9
17.5°	421.6	421.9	421.6	421.5	421.5	421.7
18°	420.3	420.6	420.3	420.2	420.1	420.3
18.5°	418.9	419.0	418.9	419.0	418.8	418.9
19°	417.6	417.5	417.6	417.7	417.5	417.7
19.5°	416.1	416.2	416.1	416.3	416.2	416.3
20°	414.8	414.9	414.8	414.8	414.7	414.9
20.5°	413.3	413.5	413.3	413.2	413.1	413.4
21°	412.0	411.8	412.0	411.6	411.4	411.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997226

CATALOG NUMBER: SMX8RLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	406.8	407.0	406.8	406.8	406.8	406.8
23°	405.2	405.2	405.2	405.2	404.9	405.4
23.5°	403.6	403.5	403.6	403.5	403.4	403.6
24°	401.9	401.8	401.9	401.8	401.5	401.7
24.5°	400.1	400.0	400.1	400.0	399.9	399.8
25°	398.3	398.2	398.3	398.1	397.9	398.0
25.5°	396.4	396.3	396.4	396.4	396.3	396.4
26°	394.5	394.5	394.5	394.6	394.3	394.5
26.5°	392.6	392.7	392.6	392.7	392.5	392.5
27°	390.7	390.7	390.7	390.7	390.5	390.6
27.5°	388.7	388.6	388.7	388.8	388.5	388.8
28°	386.7	386.6	386.7	386.8	386.4	386.8
28.5°	384.5	384.6	384.5	384.9	384.4	384.7
29°	382.6	382.8	382.6	382.7	382.5	382.6
29.5°	380.5	380.5	380.5	380.5	380.4	380.6
30°	378.4	378.5	378.4	378.4	378.3	378.4
30.5°	376.3	376.4	376.3	376.3	376.1	376.4
31°	374.2	374.1	374.2	374.1	373.8	374.2
31.5°	372.0	371.9	372.0	371.8	371.6	372.2
32°	369.8	369.6	369.8	369.7	369.4	369.8
32.5°	367.5	367.4	367.5	367.4	367.3	367.4
33°	365.3	365.2	365.3	365.2	365.0	365.3
33.5°	362.8	362.8	362.8	362.8	362.7	362.8
34°	360.6	360.2	360.6	360.5	360.5	360.4
34.5°	358.0	357.9	358.0	358.0	358.0	358.2
35°	355.7	355.5	355.7	355.7	355.6	355.7
35.5°	353.2	353.2	353.2	353.3	353.2	353.1
36°	350.8	350.7	350.8	350.9	350.8	350.8
36.5°	348.1	348.2	348.1	348.4	348.3	348.4
37°	345.6	345.6	345.6	345.8	345.7	345.7
37.5°	343.0	343.2	343.0	343.2	343.1	343.2
38°	340.5	340.6	340.5	340.6	340.4	340.7
38.5°	338.0	338.1	338.0	338.1	337.8	338.3
39°	335.4	335.4	335.4	335.5	335.2	335.5
39.5°	332.6	332.7	332.6	332.8	332.6	333.2
40°	329.9	330.0	329.9	330.2	329.9	330.3
40.5°	327.2	327.0	327.2	327.2	327.2	327.4
41°	324.5	324.3	324.5	324.5	324.5	324.5
41.5°	321.7	321.5	321.7	321.7	321.7	321.7
42°	319.0	319.0	319.0	319.0	319.0	318.8
42.5°	316.2	316.3	316.2	316.2	316.0	316.1
43°	313.4	313.4	313.4	313.1	313.1	313.2
43.5°	310.5	310.4	310.5	310.3	310.2	310.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997226

CATALOG NUMBER: SMX8RLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	301.6	301.7	301.6	301.6	301.4	301.4
45.5°	298.5	298.6	298.5	298.7	298.4	298.7
46°	295.6	295.6	295.6	295.5	295.4	295.6
46.5°	292.5	292.6	292.5	292.5	292.5	292.6
47°	289.4	289.6	289.4	289.4	289.5	289.5
47.5°	286.6	286.5	286.6	286.5	286.4	286.5
48°	283.5	283.3	283.5	283.5	283.4	283.3
48.5°	280.4	280.4	280.4	280.4	280.3	280.1
49°	277.3	277.1	277.3	277.3	277.0	277.1
49.5°	274.1	274.1	274.1	274.2	273.8	274.0
50°	271.0	270.8	271.0	270.8	270.7	270.7
50.5°	267.8	267.7	267.8	267.6	267.6	267.5
51°	264.6	264.4	264.6	264.3	264.3	264.6
51.5°	261.3	261.2	261.3	261.0	261.1	261.4
52°	257.9	257.9	257.9	257.9	257.8	258.0
52.5°	254.5	254.6	254.5	254.6	254.6	254.7
53°	251.2	251.3	251.2	251.3	251.2	251.3
53.5°	247.9	248.0	247.9	248.0	247.9	247.9
54°	244.5	244.5	244.5	244.5	244.4	244.5
54.5°	241.1	241.3	241.1	241.2	241.1	241.1
55°	237.8	237.8	237.8	237.8	237.7	237.7
55.5°	234.3	234.3	234.3	234.4	234.3	234.2
56°	230.9	230.8	230.9	230.7	230.9	230.9
56.5°	227.6	227.5	227.6	227.3	227.6	227.6
57°	224.0	223.9	224.0	223.9	224.0	224.0
57.5°	220.5	220.3	220.5	220.4	220.5	220.3
58°	216.9	216.8	216.9	217.0	216.9	217.0
58.5°	213.4	213.5	213.4	213.4	213.5	213.5
59°	209.9	209.9	209.9	209.9	209.8	209.8
59.5°	206.4	206.3	206.4	206.4	206.2	206.3
60°	202.9	202.8	202.9	202.7	202.6	202.5
60.5°	199.2	199.1	199.2	198.9	199.0	199.0
61°	195.5	195.4	195.5	195.2	195.3	195.3
61.5°	191.8	191.9	191.8	191.6	191.6	191.8
62°	188.1	188.1	188.1	188.0	188.0	188.0
62.5°	184.3	184.4	184.3	184.3	184.2	184.2
63°	180.5	180.6	180.5	180.6	180.5	180.5
63.5°	176.7	176.8	176.7	176.8	176.8	176.6
64°	172.9	173.2	172.9	173.0	172.9	172.9
64.5°	169.2	169.5	169.2	169.2	169.2	169.1
65°	165.6	165.8	165.6	165.6	165.4	165.2
65.5°	161.7	161.9	161.7	161.6	161.6	161.6
66°	157.8	157.9	157.8	157.8	157.7	157.7

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997226

CATALOG NUMBER: SMX8RLSFS010-1200LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	146.3	146.5	146.3	146.2	146.2	146.2
68°	142.5	142.6	142.5	142.3	142.4	142.3
68.5°	138.7	138.8	138.7	138.4	138.5	138.5
69°	134.7	134.8	134.7	134.6	134.6	134.5
69.5°	130.6	130.7	130.6	130.8	130.7	130.6
70°	126.8	126.9	126.8	126.9	126.8	126.8
70.5°	123.0	122.9	123.0	122.9	123.0	123.0
71°	119.0	119.0	119.0	119.1	119.2	118.9
71.5°	115.1	115.1	115.1	115.0	115.1	115.0
72°	111.3	111.1	111.3	111.1	111.1	111.0
72.5°	107.2	107.3	107.2	107.2	107.1	107.1
73°	103.4	103.4	103.4	103.4	103.2	103.2
73.5°	99.5	99.4	99.5	99.4	99.3	99.2
74°	95.6	95.6	95.6	95.5	95.5	95.4
74.5°	91.7	91.8	91.7	91.5	91.5	91.4
75°	87.8	87.9	87.8	87.7	87.6	87.6
75.5°	83.9	84.1	83.9	83.9	83.7	83.8
76°	80.1	80.2	80.1	80.0	79.9	79.9
76.5°	76.3	76.4	76.3	76.1	76.0	75.9
77°	72.6	72.8	72.6	72.3	72.2	72.2
77.5°	68.9	69.0	68.9	68.6	68.4	68.3
78°	65.0	65.3	65.0	64.9	64.6	64.6
78.5°	61.2	61.5	61.2	61.2	60.9	60.9
79°	57.7	58.0	57.7	57.5	57.4	57.4
79.5°	54.1	54.2	54.1	53.9	53.8	53.8
80°	50.6	50.6	50.6	50.3	50.3	50.2
80.5°	47.1	47.1	47.1	47.0	46.8	46.7
81°	43.8	43.7	43.8	43.6	43.4	43.4
81.5°	40.3	40.3	40.3	40.2	40.0	40.0
82°	37.1	37.1	37.1	36.9	36.7	36.7
82.5°	34.0	34.1	34.0	33.6	33.5	33.4
83°	31.1	31.2	31.1	30.7	30.3	30.3
83.5°	28.0	28.2	28.0	27.6	27.2	27.1
84°	25.2	25.4	25.2	24.8	24.4	24.2
84.5°	22.4	23.0	22.4	22.0	21.7	21.5
85°	19.8	20.0	19.8	19.5	19.1	18.9
85.5°	17.4	17.9	17.4	17.0	16.7	16.5
86°	15.2	15.6	15.2	14.8	14.4	14.3
86.5°	13.2	13.8	13.2	12.7	12.2	12.1
87°	11.3	11.8	11.3	10.9	10.3	10.1
87.5°	9.6	10.2	9.6	9.1	8.6	8.3
88°	8.0	8.5	8.0	7.5	7.1	6.8
88.5°	6.5	7.2	6.5	6.1	5.7	5.5

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Scaled Data Report



TEST NUMBER: P997226
CATALOG NUMBER: SMX8RLSFS010-1200LM-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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1121 Highway 74 South

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°	410.1	410.0	410.1	410.1	410.3	410.1	410.1	410.0	410.1	410.0	410.1
22°	408.6	408.4	408.4	408.5	408.5	408.5	408.4	408.4	408.6	408.4	408.4



44°	307.3	307.3	307.4	307.7	307.5	307.7	307.4	307.3	307.3	307.3	307.4
44.5°	304.4	304.4	304.6	304.7	304.6	304.7	304.6	304.4	304.4	304.4	304.6



66.5°	153.9	153.8	153.9	153.9	154.1	153.9	153.9	153.8	153.9	153.8	153.9
67°	150.1	150.0	150.0	150.1	150.3	150.1	150.0	150.0	150.1	150.0	150.0



89°	4.3	4.5	4.9	5.4	5.9	5.4	4.9	4.5	4.3	4.5	4.9
89.5°	3.3	3.5	3.8	4.3	4.8	4.3	3.8	3.5	3.3	3.5	3.8

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21.5°	410.1	410.3	410.1	410.1	410.0	410.1
22°	408.5	408.5	408.5	408.4	408.4	408.6

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44°	307.7	307.5	307.7	307.4	307.3	307.3
44.5°	304.7	304.6	304.7	304.6	304.4	304.4

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66.5°	153.9	154.1	153.9	153.9	153.8	153.9
67°	150.1	150.3	150.1	150.0	150.0	150.1

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Scaled Data Report



89°	5.4	5.9	5.4	4.9	4.5	4.3
89.5°	4.3	4.8	4.3	3.8	3.5	3.3

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(END OF REPORT)