

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: P997236

Luminaire Tested: **SMX8RLSFS010-900LM-2700K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997236
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: SMX8RLSFS010-900LM-2700K
Description: 8IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

Summary

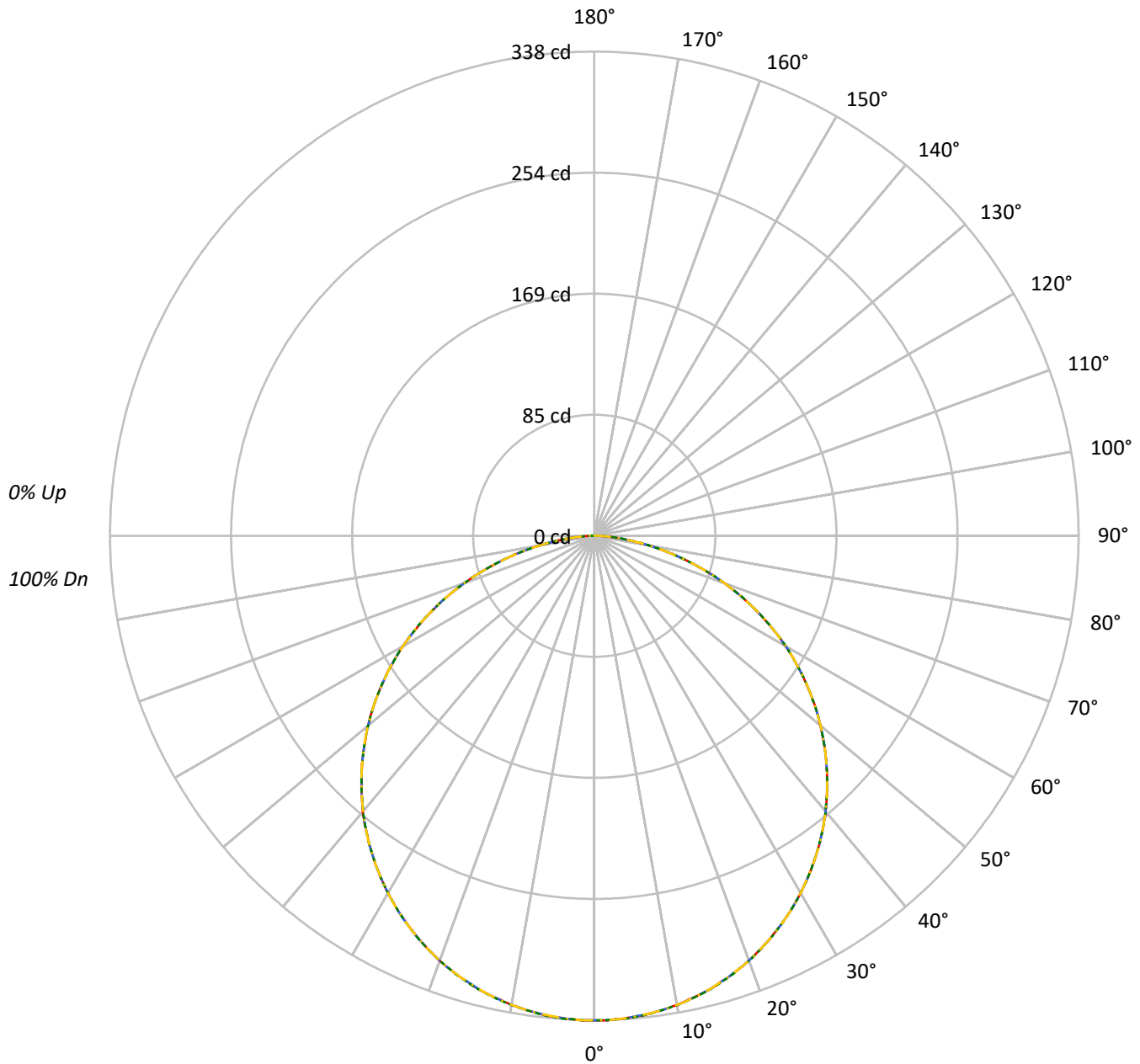
Lumens per Lamp: N/A
Luminaire Lumens: 984.4 lumens
Efficiency: N/A
Efficacy: 99.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.39
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

Input Watts (W): 9.9
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



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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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°	10328	10328	10328	10328
5°	10322	10328	10322	10328
10°	10311	10311	10311	10311
15°	10288	10291	10288	10291
20°	10254	10257	10254	10257
25°	10200	10207	10200	10207
30°	10149	10153	10149	10153
35°	10085	10082	10085	10082
40°	10015	10003	10015	10003
45°	9900	9909	9900	9909
50°	9784	9784	9784	9784
55°	9624	9634	9624	9634
60°	9409	9422	9409	9422
65°	9081	9110	9081	9110
70°	8614	8614	8614	8614
75°	7856	7892	7856	7892
80°	6716	6769	6716	6769
85°	5044	5324	5044	5324



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.0	3.3
10°-20°	91.9	9.3
20°-30°	139.6	14.2
30°-40°	169.3	17.2
40°-50°	176.9	18.0
50°-60°	161.6	16.4
60°-70°	124.4	12.6
70°-80°	70.6	7.2
80°-90°	18.1	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°	263.5	26.8
0°-40°	432.8	44.0
0°-60°	771.3	78.4
0°-90°	984.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	984.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	338	338	338	338	338	
5°	337	337	337	337	337	32
15°	326	326	326	326	326	92
25°	303	303	303	303	303	140
35°	271	270	271	270	271	169
45°	229	230	229	230	229	177
55°	181	181	181	181	181	162
65°	126	126	126	126	126	124
75°	67	67	67	67	67	70
85°	14	15	14	15	14	18
90°	0	0	0	0	0	

Cooper Lighting Solutions Photometric Lab

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	338.3	338.3	338.3	338.3	338.3	338.3	338.3	338.3	338.3	338.3	338.3
0.5°	338.3	338.6	338.3	338.3	338.3	338.3	338.3	338.6	338.3	338.6	338.3
1°	338.4	338.4	338.2	338.2	338.3	338.2	338.2	338.4	338.4	338.4	338.2
1.5°	338.4	338.3	338.2	338.0	338.2	338.0	338.2	338.3	338.4	338.3	338.2
2°	338.2	338.3	338.1	337.9	338.1	337.9	338.1	338.3	338.2	338.3	338.1
2.5°	338.0	338.1	338.0	337.8	338.0	337.8	338.0	338.1	338.0	338.1	338.0
3°	337.9	337.8	337.7	337.9	337.8	337.9	337.7	337.8	337.9	337.8	337.7
3.5°	337.6	337.7	337.6	337.6	337.9	337.6	337.6	337.7	337.6	337.7	337.6
4°	337.2	337.4	337.2	337.5	337.6	337.5	337.2	337.4	337.2	337.4	337.2
4.5°	337.1	337.2	337.0	337.1	337.4	337.1	337.0	337.2	337.1	337.2	337.0
5°	336.8	336.9	336.7	337.0	337.0	337.0	336.7	336.9	336.8	336.9	336.7
5.5°	336.7	336.6	336.4	336.6	336.9	336.6	336.4	336.6	336.7	336.6	336.4
6°	336.5	336.3	336.1	336.3	336.4	336.3	336.1	336.3	336.5	336.3	336.1
6.5°	335.9	335.8	335.8	335.8	336.1	335.8	335.8	335.8	335.9	335.8	335.8
7°	335.4	335.4	335.4	335.6	335.6	335.6	335.4	335.4	335.4	335.4	335.4
7.5°	335.0	335.2	335.1	335.2	335.1	335.2	335.1	335.2	335.0	335.2	335.1
8°	334.7	334.6	334.7	334.6	334.6	334.6	334.7	334.6	334.7	334.6	334.7
8.5°	334.1	334.2	334.1	334.1	334.2	334.1	334.1	334.2	334.1	334.2	334.1
9°	333.6	333.7	333.7	333.6	333.7	333.6	333.7	333.7	333.6	333.7	333.7
9.5°	333.0	333.2	333.0	333.1	333.2	333.1	333.0	333.2	333.0	333.2	333.0
10°	332.6	332.5	332.5	332.5	332.6	332.5	332.5	332.5	332.6	332.5	332.5
10.5°	331.8	332.0	332.0	331.9	332.1	331.9	332.0	332.0	331.8	332.0	332.0
11°	331.2	331.4	331.4	331.3	331.4	331.3	331.4	331.4	331.2	331.4	331.4
11.5°	330.4	330.8	330.7	330.6	330.8	330.6	330.7	330.8	330.4	330.8	330.7
12°	330.0	330.0	329.9	330.1	330.1	330.1	329.9	330.0	330.0	330.0	329.9
12.5°	329.3	329.4	329.3	329.4	329.4	329.4	329.3	329.4	329.3	329.4	329.3
13°	328.6	328.7	328.5	328.7	328.7	328.7	328.5	328.7	328.6	328.7	328.5
13.5°	327.9	327.9	327.9	328.0	328.0	328.0	327.9	327.9	327.9	327.9	327.9
14°	327.1	327.2	327.0	327.2	327.1	327.2	327.0	327.2	327.1	327.2	327.0
14.5°	326.3	326.4	326.3	326.3	326.5	326.3	326.3	326.4	326.3	326.4	326.3
15°	325.5	325.4	325.2	325.5	325.6	325.5	325.2	325.4	325.5	325.4	325.2
15.5°	324.4	324.6	324.3	324.7	324.7	324.7	324.3	324.6	324.4	324.6	324.3
16°	323.4	323.5	323.5	323.8	323.9	323.8	323.5	323.5	323.4	323.5	323.5
16.5°	322.7	322.8	322.7	322.7	322.9	322.7	322.7	322.8	322.7	322.8	322.7
17°	321.7	321.6	321.7	321.8	321.9	321.8	321.7	321.6	321.7	321.6	321.7
17.5°	320.8	320.7	320.7	320.7	321.0	320.7	320.7	320.7	320.8	320.7	320.7
18°	319.8	319.6	319.7	319.8	320.0	319.8	319.7	319.6	319.8	319.6	319.7
18.5°	318.7	318.6	318.8	318.7	318.8	318.7	318.8	318.6	318.7	318.6	318.8
19°	317.8	317.6	317.8	317.7	317.7	317.7	317.8	317.6	317.8	317.6	317.8
19.5°	316.7	316.6	316.7	316.5	316.6	316.5	316.7	316.6	316.7	316.6	316.7
20°	315.6	315.5	315.6	315.6	315.7	315.6	315.6	315.5	315.6	315.5	315.6
20.5°	314.5	314.3	314.4	314.4	314.6	314.4	314.4	314.3	314.5	314.3	314.4
21°	313.2	313.0	313.2	313.4	313.3	313.4	313.2	313.0	313.2	313.0	313.2

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CATALOG NUMBER: SMX8RLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	309.5	309.5	309.5	309.5	309.6	309.5	309.5	309.5	309.5	309.5	309.5
23°	308.4	308.1	308.3	308.3	308.3	308.3	308.3	308.1	308.4	308.1	308.3
23.5°	307.1	306.9	307.0	307.1	307.0	307.1	307.0	306.9	307.1	306.9	307.0
24°	305.6	305.5	305.7	305.8	305.7	305.8	305.7	305.5	305.6	305.5	305.7
24.5°	304.2	304.3	304.3	304.4	304.3	304.4	304.3	304.3	304.2	304.3	304.3
25°	302.8	302.7	302.9	303.0	303.0	303.0	302.9	302.7	302.8	302.7	302.9
25.5°	301.6	301.5	301.6	301.6	301.5	301.6	301.6	301.5	301.6	301.5	301.6
26°	300.1	300.0	300.2	300.2	300.2	300.2	300.2	300.0	300.1	300.0	300.2
26.5°	298.7	298.6	298.8	298.7	298.8	298.7	298.8	298.6	298.7	298.6	298.8
27°	297.2	297.1	297.3	297.2	297.2	297.2	297.3	297.1	297.2	297.1	297.3
27.5°	295.8	295.6	295.8	295.7	295.7	295.7	295.8	295.6	295.8	295.6	295.8
28°	294.3	294.0	294.3	294.2	294.1	294.2	294.3	294.0	294.3	294.0	294.3
28.5°	292.7	292.5	292.8	292.5	292.6	292.5	292.8	292.5	292.7	292.5	292.8
29°	291.1	291.0	291.1	291.1	291.2	291.1	291.1	291.0	291.1	291.0	291.1
29.5°	289.6	289.4	289.5	289.5	289.5	289.5	289.5	289.4	289.6	289.4	289.5
30°	287.9	287.8	287.9	287.9	288.0	287.9	287.9	287.8	287.9	287.8	287.9
30.5°	286.4	286.1	286.3	286.3	286.4	286.3	286.3	286.1	286.4	286.1	286.3
31°	284.7	284.4	284.6	284.7	284.6	284.7	284.6	284.4	284.7	284.4	284.6
31.5°	283.1	282.7	282.9	283.0	283.0	283.0	282.9	282.7	283.1	282.7	282.9
32°	281.4	281.1	281.3	281.4	281.2	281.4	281.3	281.1	281.4	281.1	281.3
32.5°	279.5	279.4	279.5	279.6	279.6	279.6	279.5	279.4	279.5	279.4	279.5
33°	277.9	277.7	277.8	277.9	277.9	277.9	277.8	277.7	277.9	277.7	277.8
33.5°	276.0	276.0	276.0	276.0	276.0	276.0	276.0	276.0	276.0	276.0	276.0
34°	274.2	274.2	274.3	274.3	274.1	274.3	274.3	274.2	274.2	274.2	274.3
34.5°	272.5	272.4	272.4	272.4	272.3	272.4	272.4	272.4	272.5	272.4	272.4
35°	270.6	270.6	270.6	270.6	270.5	270.6	270.6	270.6	270.6	270.6	270.6
35.5°	268.7	268.7	268.8	268.7	268.7	268.7	268.8	268.7	268.7	268.7	268.8
36°	266.9	266.9	267.0	266.9	266.8	266.9	267.0	266.9	266.9	266.9	267.0
36.5°	265.1	265.0	265.0	264.8	264.9	264.8	265.0	265.0	265.1	265.0	265.0
37°	263.0	263.0	263.1	262.9	262.9	262.9	263.1	263.0	263.0	263.0	263.1
37.5°	261.1	261.1	261.1	260.9	261.1	260.9	261.1	261.1	261.1	261.1	261.1
38°	259.2	259.0	259.1	259.1	259.2	259.1	259.1	259.0	259.2	259.0	259.1
38.5°	257.4	257.0	257.2	257.1	257.2	257.1	257.2	257.0	257.4	257.0	257.2
39°	255.2	255.0	255.2	255.2	255.2	255.2	255.2	255.0	255.2	255.0	255.2
39.5°	253.5	253.1	253.2	253.1	253.2	253.1	253.2	253.1	253.5	253.1	253.2
40°	251.3	251.0	251.2	251.0	251.0	251.0	251.2	251.0	251.3	251.0	251.2
40.5°	249.1	248.9	248.9	248.9	248.8	248.9	248.9	248.9	249.1	248.9	248.9
41°	246.9	246.9	246.9	246.9	246.7	246.9	246.9	246.9	246.9	246.9	246.9
41.5°	244.7	244.7	244.7	244.7	244.6	244.7	244.7	244.7	244.7	244.7	244.7
42°	242.6	242.7	242.7	242.7	242.7	242.7	242.7	242.7	242.6	242.7	242.7
42.5°	240.5	240.4	240.6	240.5	240.6	240.5	240.6	240.4	240.5	240.4	240.6
43°	238.3	238.2	238.2	238.4	238.4	238.4	238.2	238.2	238.3	238.2	238.2
43.5°	236.0	236.0	236.1	236.2	236.1	236.2	236.1	236.0	236.0	236.0	236.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	229.3	229.3	229.5	229.5	229.5	229.5	229.5	229.3	229.3	229.3	229.5
45.5°	227.3	227.0	227.2	227.1	227.2	227.1	227.2	227.0	227.3	227.0	227.2
46°	224.9	224.8	224.8	224.9	224.9	224.9	224.8	224.8	224.9	224.8	224.8
46.5°	222.6	222.5	222.5	222.6	222.6	222.6	222.5	222.5	222.6	222.5	222.5
47°	220.3	220.3	220.2	220.2	220.3	220.2	220.2	220.3	220.3	220.3	220.2
47.5°	217.9	217.9	218.0	218.0	218.0	218.0	218.0	217.9	217.9	217.9	218.0
48°	215.5	215.6	215.7	215.7	215.5	215.7	215.7	215.6	215.5	215.6	215.7
48.5°	213.1	213.2	213.3	213.3	213.3	213.3	213.3	213.2	213.1	213.2	213.3
49°	210.8	210.8	211.0	211.0	210.8	211.0	211.0	210.8	210.8	210.8	211.0
49.5°	208.5	208.3	208.6	208.5	208.5	208.5	208.6	208.3	208.5	208.3	208.6
50°	206.0	205.9	206.1	206.2	206.0	206.2	206.1	205.9	206.0	205.9	206.1
50.5°	203.5	203.6	203.6	203.7	203.7	203.7	203.6	203.6	203.5	203.6	203.6
51°	201.3	201.1	201.1	201.3	201.2	201.3	201.1	201.1	201.3	201.1	201.1
51.5°	198.9	198.6	198.6	198.8	198.7	198.8	198.6	198.6	198.9	198.6	198.6
52°	196.3	196.2	196.2	196.2	196.2	196.2	196.2	196.2	196.3	196.2	196.2
52.5°	193.8	193.7	193.7	193.7	193.7	193.7	193.7	193.7	193.8	193.7	193.7
53°	191.2	191.1	191.2	191.2	191.2	191.2	191.2	191.1	191.2	191.1	191.2
53.5°	188.6	188.6	188.7	188.6	188.7	188.6	188.7	188.6	188.6	188.6	188.7
54°	186.0	185.9	186.0	186.0	186.0	186.0	186.0	185.9	186.0	185.9	186.0
54.5°	183.4	183.4	183.5	183.5	183.6	183.5	183.5	183.4	183.4	183.4	183.5
55°	180.8	180.8	181.0	180.9	181.0	180.9	181.0	180.8	180.8	180.8	181.0
55.5°	178.1	178.2	178.3	178.3	178.3	178.3	178.3	178.2	178.1	178.2	178.3
56°	175.7	175.7	175.6	175.7	175.6	175.7	175.6	175.7	175.7	175.7	175.6
56.5°	173.2	173.1	173.0	173.1	173.1	173.1	173.0	173.1	173.2	173.1	173.0
57°	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4	170.4
57.5°	167.6	167.8	167.7	167.8	167.6	167.8	167.7	167.8	167.6	167.8	167.7
58°	165.1	165.1	165.1	165.0	165.0	165.0	165.1	165.1	165.1	165.1	165.1
58.5°	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4
59°	159.6	159.6	159.7	159.7	159.7	159.7	159.7	159.6	159.6	159.6	159.7
59.5°	156.9	156.9	157.0	157.0	157.0	157.0	157.0	156.9	156.9	156.9	157.0
60°	154.1	154.1	154.2	154.4	154.3	154.4	154.2	154.1	154.1	154.1	154.2
60.5°	151.4	151.4	151.4	151.5	151.5	151.5	151.4	151.4	151.4	151.4	151.4
61°	148.6	148.6	148.5	148.7	148.7	148.7	148.5	148.6	148.6	148.6	148.5
61.5°	145.9	145.8	145.8	145.9	146.0	145.9	145.8	145.8	145.9	145.8	145.8
62°	143.1	143.0	143.0	143.1	143.1	143.1	143.0	143.0	143.1	143.0	143.0
62.5°	140.1	140.2	140.2	140.2	140.3	140.2	140.2	140.2	140.1	140.2	140.2
63°	137.3	137.3	137.4	137.3	137.4	137.3	137.4	137.3	137.3	137.3	137.4
63.5°	134.4	134.5	134.5	134.4	134.5	134.4	134.5	134.5	134.4	134.5	134.5
64°	131.6	131.5	131.7	131.6	131.8	131.6	131.7	131.5	131.6	131.5	131.7
64.5°	128.6	128.7	128.8	128.7	128.9	128.7	128.8	128.7	128.6	128.7	128.8
65°	125.7	125.8	126.0	126.0	126.1	126.0	126.0	125.8	125.7	125.8	126.0
65.5°	122.9	123.0	123.0	123.0	123.1	123.0	123.0	123.0	122.9	123.0	123.0
66°	120.0	120.0	120.1	120.1	120.1	120.1	120.1	120.0	120.0	120.0	120.1

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997236

CATALOG NUMBER: SMX8RLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	111.2	111.2	111.2	111.3	111.4	111.3	111.2	111.2	111.2	111.2	111.2
68°	108.2	108.4	108.2	108.4	108.5	108.4	108.2	108.4	108.2	108.4	108.2
68.5°	105.4	105.4	105.3	105.5	105.6	105.5	105.3	105.4	105.4	105.4	105.3
69°	102.3	102.4	102.4	102.5	102.6	102.5	102.4	102.4	102.3	102.4	102.4
69.5°	99.3	99.5	99.5	99.4	99.5	99.4	99.5	99.5	99.3	99.5	99.5
70°	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
70.5°	93.5	93.6	93.5	93.6	93.5	93.6	93.5	93.6	93.5	93.6	93.5
71°	90.5	90.7	90.6	90.6	90.5	90.6	90.6	90.7	90.5	90.7	90.6
71.5°	87.5	87.6	87.5	87.6	87.5	87.6	87.5	87.6	87.5	87.6	87.5
72°	84.5	84.5	84.5	84.7	84.5	84.7	84.5	84.5	84.5	84.5	84.5
72.5°	81.5	81.5	81.5	81.6	81.6	81.6	81.5	81.5	81.5	81.5	81.5
73°	78.5	78.6	78.6	78.7	78.6	78.7	78.6	78.6	78.5	78.6	78.6
73.5°	75.5	75.6	75.6	75.7	75.6	75.7	75.6	75.6	75.5	75.6	75.6
74°	72.5	72.7	72.6	72.8	72.7	72.8	72.6	72.7	72.5	72.7	72.6
74.5°	69.6	69.6	69.6	69.8	69.8	69.8	69.6	69.6	69.6	69.6	69.6
75°	66.6	66.7	66.7	66.8	66.9	66.8	66.7	66.7	66.6	66.7	66.7
75.5°	63.7	63.7	63.8	63.8	64.0	63.8	63.8	63.7	63.7	63.7	63.8
76°	60.8	60.8	60.9	60.9	61.0	60.9	60.9	60.8	60.8	60.8	60.9
76.5°	57.7	57.8	57.9	58.1	58.1	58.1	57.9	57.8	57.7	57.8	57.9
77°	54.9	54.9	55.0	55.2	55.4	55.2	55.0	54.9	54.9	54.9	55.0
77.5°	52.0	52.0	52.2	52.4	52.5	52.4	52.2	52.0	52.0	52.0	52.2
78°	49.1	49.2	49.4	49.5	49.7	49.5	49.4	49.2	49.1	49.2	49.4
78.5°	46.3	46.4	46.5	46.6	46.8	46.6	46.5	46.4	46.3	46.4	46.5
79°	43.6	43.7	43.7	43.9	44.1	43.9	43.7	43.7	43.6	43.7	43.7
79.5°	40.9	40.9	41.0	41.2	41.2	41.2	41.0	40.9	40.9	40.9	41.0
80°	38.2	38.2	38.3	38.5	38.5	38.5	38.3	38.2	38.2	38.2	38.3
80.5°	35.5	35.6	35.7	35.9	35.9	35.9	35.7	35.6	35.5	35.6	35.7
81°	33.0	33.0	33.2	33.3	33.2	33.3	33.2	33.0	33.0	33.0	33.2
81.5°	30.4	30.4	30.6	30.7	30.6	30.7	30.6	30.4	30.4	30.4	30.6
82°	27.9	27.9	28.1	28.2	28.2	28.2	28.1	27.9	27.9	27.9	28.1
82.5°	25.4	25.5	25.6	25.9	26.0	25.9	25.6	25.5	25.4	25.5	25.6
83°	23.0	23.1	23.4	23.6	23.7	23.6	23.4	23.1	23.0	23.1	23.4
83.5°	20.6	20.7	21.0	21.3	21.5	21.3	21.0	20.7	20.6	20.7	21.0
84°	18.4	18.6	18.9	19.1	19.3	19.1	18.9	18.6	18.4	18.6	18.9
84.5°	16.4	16.5	16.8	17.1	17.5	17.1	16.8	16.5	16.4	16.5	16.8
85°	14.4	14.5	14.8	15.1	15.2	15.1	14.8	14.5	14.4	14.5	14.8
85.5°	12.6	12.7	12.9	13.3	13.6	13.3	12.9	12.7	12.6	12.7	12.9
86°	10.8	11.0	11.3	11.6	11.9	11.6	11.3	11.0	10.8	11.0	11.3
86.5°	9.2	9.3	9.7	10.1	10.5	10.1	9.7	9.3	9.2	9.3	9.7
87°	7.7	7.8	8.3	8.6	9.0	8.6	8.3	7.8	7.7	7.8	8.3
87.5°	6.3	6.5	6.9	7.3	7.7	7.3	6.9	6.5	6.3	6.5	6.9
88°	5.2	5.4	5.7	6.1	6.5	6.1	5.7	5.4	5.2	5.4	5.7
88.5°	4.2	4.3	4.6	5.0	5.5	5.0	4.6	4.3	4.2	4.3	4.6

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

Scaled Data Report



TEST NUMBER: P997236
CATALOG NUMBER: SMX8RLSFS010-900LM-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: P997236

CATALOG NUMBER: SMX8RLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	338.3	338.3	338.3	338.3	338.3	338.3
0.5°	338.3	338.3	338.3	338.3	338.6	338.3
1°	338.2	338.3	338.2	338.2	338.4	338.4
1.5°	338.0	338.2	338.0	338.2	338.3	338.4
2°	337.9	338.1	337.9	338.1	338.3	338.2
2.5°	337.8	338.0	337.8	338.0	338.1	338.0
3°	337.9	337.8	337.9	337.7	337.8	337.9
3.5°	337.6	337.9	337.6	337.6	337.7	337.6
4°	337.5	337.6	337.5	337.2	337.4	337.2
4.5°	337.1	337.4	337.1	337.0	337.2	337.1
5°	337.0	337.0	337.0	336.7	336.9	336.8
5.5°	336.6	336.9	336.6	336.4	336.6	336.7
6°	336.3	336.4	336.3	336.1	336.3	336.5
6.5°	335.8	336.1	335.8	335.8	335.8	335.9
7°	335.6	335.6	335.6	335.4	335.4	335.4
7.5°	335.2	335.1	335.2	335.1	335.2	335.0
8°	334.6	334.6	334.6	334.7	334.6	334.7
8.5°	334.1	334.2	334.1	334.1	334.2	334.1
9°	333.6	333.7	333.6	333.7	333.7	333.6
9.5°	333.1	333.2	333.1	333.0	333.2	333.0
10°	332.5	332.6	332.5	332.5	332.5	332.6
10.5°	331.9	332.1	331.9	332.0	332.0	331.8
11°	331.3	331.4	331.3	331.4	331.4	331.2
11.5°	330.6	330.8	330.6	330.7	330.8	330.4
12°	330.1	330.1	330.1	329.9	330.0	330.0
12.5°	329.4	329.4	329.4	329.3	329.4	329.3
13°	328.7	328.7	328.7	328.5	328.7	328.6
13.5°	328.0	328.0	328.0	327.9	327.9	327.9
14°	327.2	327.1	327.2	327.0	327.2	327.1
14.5°	326.3	326.5	326.3	326.3	326.4	326.3
15°	325.5	325.6	325.5	325.2	325.4	325.5
15.5°	324.7	324.7	324.7	324.3	324.6	324.4
16°	323.8	323.9	323.8	323.5	323.5	323.4
16.5°	322.7	322.9	322.7	322.7	322.8	322.7
17°	321.8	321.9	321.8	321.7	321.6	321.7
17.5°	320.7	321.0	320.7	320.7	320.7	320.8
18°	319.8	320.0	319.8	319.7	319.6	319.8
18.5°	318.7	318.8	318.7	318.8	318.6	318.7
19°	317.7	317.7	317.7	317.8	317.6	317.8
19.5°	316.5	316.6	316.5	316.7	316.6	316.7
20°	315.6	315.7	315.6	315.6	315.5	315.6
20.5°	314.4	314.6	314.4	314.4	314.3	314.5
21°	313.4	313.3	313.4	313.2	313.0	313.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997236

CATALOG NUMBER: SMX8RLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	309.5	309.6	309.5	309.5	309.5	309.5
23°	308.3	308.3	308.3	308.3	308.1	308.4
23.5°	307.1	307.0	307.1	307.0	306.9	307.1
24°	305.8	305.7	305.8	305.7	305.5	305.6
24.5°	304.4	304.3	304.4	304.3	304.3	304.2
25°	303.0	303.0	303.0	302.9	302.7	302.8
25.5°	301.6	301.5	301.6	301.6	301.5	301.6
26°	300.2	300.2	300.2	300.2	300.0	300.1
26.5°	298.7	298.8	298.7	298.8	298.6	298.7
27°	297.2	297.2	297.2	297.3	297.1	297.2
27.5°	295.7	295.7	295.7	295.8	295.6	295.8
28°	294.2	294.1	294.2	294.3	294.0	294.3
28.5°	292.5	292.6	292.5	292.8	292.5	292.7
29°	291.1	291.2	291.1	291.1	291.0	291.1
29.5°	289.5	289.5	289.5	289.5	289.4	289.6
30°	287.9	288.0	287.9	287.9	287.8	287.9
30.5°	286.3	286.4	286.3	286.3	286.1	286.4
31°	284.7	284.6	284.7	284.6	284.4	284.7
31.5°	283.0	283.0	283.0	282.9	282.7	283.1
32°	281.4	281.2	281.4	281.3	281.1	281.4
32.5°	279.6	279.6	279.6	279.5	279.4	279.5
33°	277.9	277.9	277.9	277.8	277.7	277.9
33.5°	276.0	276.0	276.0	276.0	276.0	276.0
34°	274.3	274.1	274.3	274.3	274.2	274.2
34.5°	272.4	272.3	272.4	272.4	272.4	272.5
35°	270.6	270.5	270.6	270.6	270.6	270.6
35.5°	268.7	268.7	268.7	268.8	268.7	268.7
36°	266.9	266.8	266.9	267.0	266.9	266.9
36.5°	264.8	264.9	264.8	265.0	265.0	265.1
37°	262.9	262.9	262.9	263.1	263.0	263.0
37.5°	260.9	261.1	260.9	261.1	261.1	261.1
38°	259.1	259.2	259.1	259.1	259.0	259.2
38.5°	257.1	257.2	257.1	257.2	257.0	257.4
39°	255.2	255.2	255.2	255.2	255.0	255.2
39.5°	253.1	253.2	253.1	253.2	253.1	253.5
40°	251.0	251.0	251.0	251.2	251.0	251.3
40.5°	248.9	248.8	248.9	248.9	248.9	249.1
41°	246.9	246.7	246.9	246.9	246.9	246.9
41.5°	244.7	244.6	244.7	244.7	244.7	244.7
42°	242.7	242.7	242.7	242.7	242.7	242.6
42.5°	240.5	240.6	240.5	240.6	240.4	240.5
43°	238.4	238.4	238.4	238.2	238.2	238.3
43.5°	236.2	236.1	236.2	236.1	236.0	236.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997236

CATALOG NUMBER: SMX8RLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	229.5	229.5	229.5	229.5	229.3	229.3
45.5°	227.1	227.2	227.1	227.2	227.0	227.3
46°	224.9	224.9	224.9	224.8	224.8	224.9
46.5°	222.6	222.6	222.6	222.5	222.5	222.6
47°	220.2	220.3	220.2	220.2	220.3	220.3
47.5°	218.0	218.0	218.0	218.0	217.9	217.9
48°	215.7	215.5	215.7	215.7	215.6	215.5
48.5°	213.3	213.3	213.3	213.3	213.2	213.1
49°	211.0	210.8	211.0	211.0	210.8	210.8
49.5°	208.5	208.5	208.5	208.6	208.3	208.5
50°	206.2	206.0	206.2	206.1	205.9	206.0
50.5°	203.7	203.7	203.7	203.6	203.6	203.5
51°	201.3	201.2	201.3	201.1	201.1	201.3
51.5°	198.8	198.7	198.8	198.6	198.6	198.9
52°	196.2	196.2	196.2	196.2	196.2	196.3
52.5°	193.7	193.7	193.7	193.7	193.7	193.8
53°	191.2	191.2	191.2	191.2	191.1	191.2
53.5°	188.6	188.7	188.6	188.7	188.6	188.6
54°	186.0	186.0	186.0	186.0	185.9	186.0
54.5°	183.5	183.6	183.5	183.5	183.4	183.4
55°	180.9	181.0	180.9	181.0	180.8	180.8
55.5°	178.3	178.3	178.3	178.3	178.2	178.1
56°	175.7	175.6	175.7	175.6	175.7	175.7
56.5°	173.1	173.1	173.1	173.0	173.1	173.2
57°	170.4	170.4	170.4	170.4	170.4	170.4
57.5°	167.8	167.6	167.8	167.7	167.8	167.6
58°	165.0	165.0	165.0	165.1	165.1	165.1
58.5°	162.4	162.4	162.4	162.4	162.4	162.4
59°	159.7	159.7	159.7	159.7	159.6	159.6
59.5°	157.0	157.0	157.0	157.0	156.9	156.9
60°	154.4	154.3	154.4	154.2	154.1	154.1
60.5°	151.5	151.5	151.5	151.4	151.4	151.4
61°	148.7	148.7	148.7	148.5	148.6	148.6
61.5°	145.9	146.0	145.9	145.8	145.8	145.9
62°	143.1	143.1	143.1	143.0	143.0	143.1
62.5°	140.2	140.3	140.2	140.2	140.2	140.1
63°	137.3	137.4	137.3	137.4	137.3	137.3
63.5°	134.4	134.5	134.4	134.5	134.5	134.4
64°	131.6	131.8	131.6	131.7	131.5	131.6
64.5°	128.7	128.9	128.7	128.8	128.7	128.6
65°	126.0	126.1	126.0	126.0	125.8	125.7
65.5°	123.0	123.1	123.0	123.0	123.0	122.9
66°	120.1	120.1	120.1	120.1	120.0	120.0

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997236

CATALOG NUMBER: SMX8RLSFS010-900LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	111.3	111.4	111.3	111.2	111.2	111.2
68°	108.4	108.5	108.4	108.2	108.4	108.2
68.5°	105.5	105.6	105.5	105.3	105.4	105.4
69°	102.5	102.6	102.5	102.4	102.4	102.3
69.5°	99.4	99.5	99.4	99.5	99.5	99.3
70°	96.5	96.5	96.5	96.5	96.5	96.5
70.5°	93.6	93.5	93.6	93.5	93.6	93.5
71°	90.6	90.5	90.6	90.6	90.7	90.5
71.5°	87.6	87.5	87.6	87.5	87.6	87.5
72°	84.7	84.5	84.7	84.5	84.5	84.5
72.5°	81.6	81.6	81.6	81.5	81.5	81.5
73°	78.7	78.6	78.7	78.6	78.6	78.5
73.5°	75.7	75.6	75.7	75.6	75.6	75.5
74°	72.8	72.7	72.8	72.6	72.7	72.5
74.5°	69.8	69.8	69.8	69.6	69.6	69.6
75°	66.8	66.9	66.8	66.7	66.7	66.6
75.5°	63.8	64.0	63.8	63.8	63.7	63.7
76°	60.9	61.0	60.9	60.9	60.8	60.8
76.5°	58.1	58.1	58.1	57.9	57.8	57.7
77°	55.2	55.4	55.2	55.0	54.9	54.9
77.5°	52.4	52.5	52.4	52.2	52.0	52.0
78°	49.5	49.7	49.5	49.4	49.2	49.1
78.5°	46.6	46.8	46.6	46.5	46.4	46.3
79°	43.9	44.1	43.9	43.7	43.7	43.6
79.5°	41.2	41.2	41.2	41.0	40.9	40.9
80°	38.5	38.5	38.5	38.3	38.2	38.2
80.5°	35.9	35.9	35.9	35.7	35.6	35.5
81°	33.3	33.2	33.3	33.2	33.0	33.0
81.5°	30.7	30.6	30.7	30.6	30.4	30.4
82°	28.2	28.2	28.2	28.1	27.9	27.9
82.5°	25.9	26.0	25.9	25.6	25.5	25.4
83°	23.6	23.7	23.6	23.4	23.1	23.0
83.5°	21.3	21.5	21.3	21.0	20.7	20.6
84°	19.1	19.3	19.1	18.9	18.6	18.4
84.5°	17.1	17.5	17.1	16.8	16.5	16.4
85°	15.1	15.2	15.1	14.8	14.5	14.4
85.5°	13.3	13.6	13.3	12.9	12.7	12.6
86°	11.6	11.9	11.6	11.3	11.0	10.8
86.5°	10.1	10.5	10.1	9.7	9.3	9.2
87°	8.6	9.0	8.6	8.3	7.8	7.7
87.5°	7.3	7.7	7.3	6.9	6.5	6.3
88°	6.1	6.5	6.1	5.7	5.4	5.2
88.5°	5.0	5.5	5.0	4.6	4.3	4.2

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Scaled Data Report



TEST NUMBER: P997236
CATALOG NUMBER: SMX8RLSFS010-900LM-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

Cooper Lighting Solutions Photometric Lab

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°	312.0	311.9	312.0	312.0	312.2	312.0	312.0	311.9	312.0	311.9	312.0
22°	310.9	310.7	310.7	310.8	310.8	310.8	310.7	310.7	310.9	310.7	310.7



44°	233.8	233.8	233.9	234.1	234.0	234.1	233.9	233.8	233.8	233.8	233.9
44.5°	231.6	231.6	231.7	231.8	231.8	231.8	231.7	231.6	231.6	231.6	231.7



66.5°	117.1	117.1	117.1	117.1	117.3	117.1	117.1	117.1	117.1	117.1	117.1
67°	114.2	114.2	114.2	114.2	114.3	114.2	114.2	114.1	114.2	114.1	114.2



89°	3.3	3.4	3.7	4.1	4.5	4.1	3.7	3.4	3.3	3.4	3.7
89.5°	2.5	2.7	2.9	3.3	3.7	3.3	2.9	2.7	2.5	2.7	2.9

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21.5°	312.0	312.2	312.0	312.0	311.9	312.0
22°	310.8	310.8	310.8	310.7	310.7	310.9

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44°	234.1	234.0	234.1	233.9	233.8	233.8
44.5°	231.8	231.8	231.8	231.7	231.6	231.6

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66.5°	117.1	117.3	117.1	117.1	117.1	117.1
67°	114.2	114.3	114.2	114.2	114.1	114.2

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89°	4.1	4.5	4.1	3.7	3.4	3.3
89.5°	3.3	3.7	3.3	2.9	2.7	2.5

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(END OF REPORT)