

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: P997136

Luminaire Tested: **SMX4RLSFS010-1000LM-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: P997136
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410580A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX4RLSFS010-1000LM-2700K
Description: 4IN ROUND, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 2700K CCT
Ballast/Driver: -

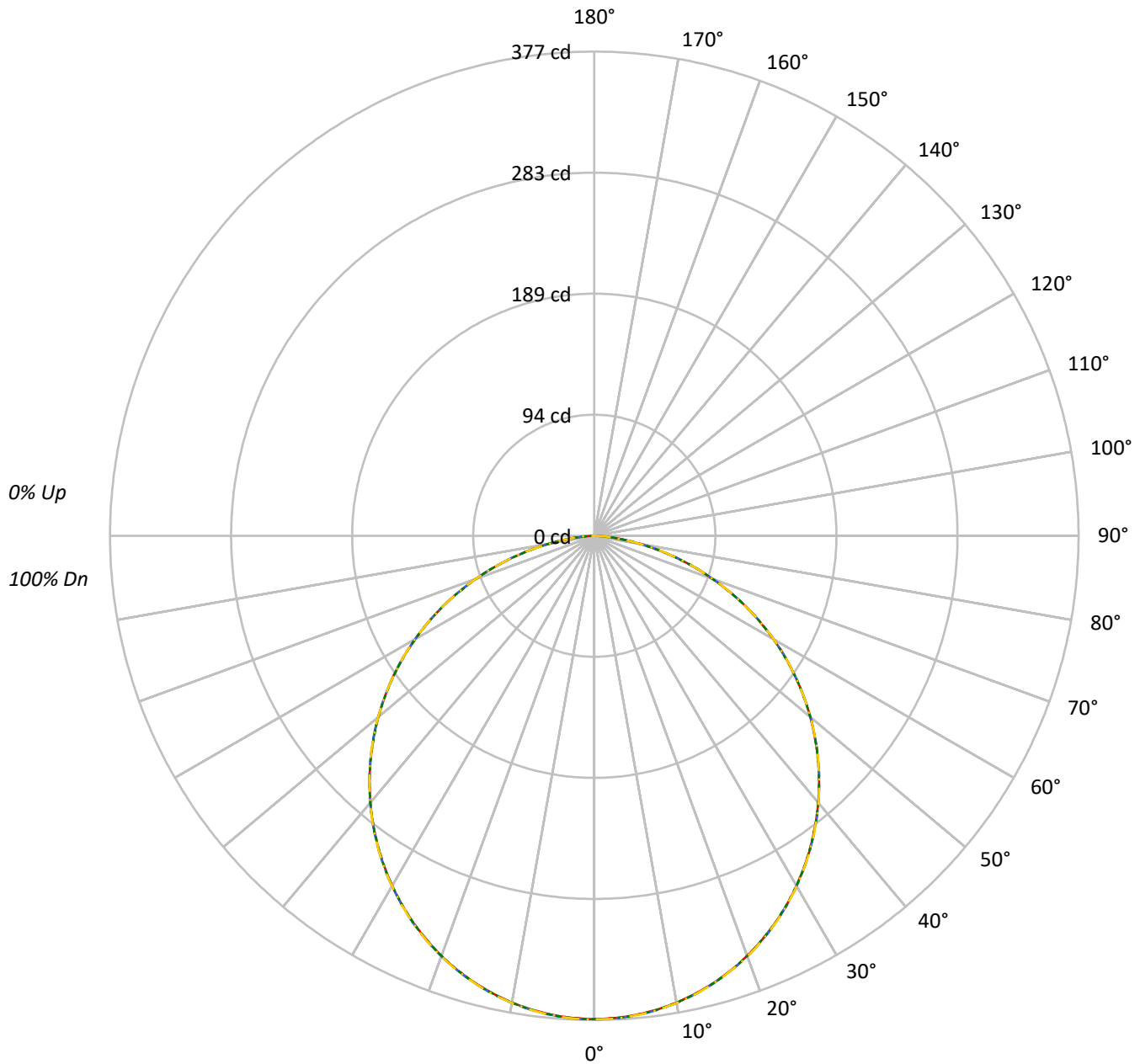
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1048.8 lumens
Efficiency: N/A
Efficacy: 96.2 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.36
Luminous Opening: Circular (Dia: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 10.9
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



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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	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84		
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70		
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59		
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	53	50		
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	44		
6	70	57	48	41	68	56	47	41	54	47	41	52	46	41	51	45	40	38		
7	65	52	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34		
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	43	36	32	30		
9	57	43	35	29	55	43	35	29	41	34	29	40	34	29	39	33	29	27		
10	53	40	32	27	52	39	32	27	38	31	26	37	31	26	36	31	26	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	47370	47370	47370	47370
5°	47311	47323	47311	47323
10°	47168	47181	47168	47181
15°	46930	46956	46930	46956
20°	46606	46620	46606	46620
25°	46213	46213	46213	46213
30°	45732	45732	45732	45732
35°	45168	45184	45168	45184
40°	44554	44554	44554	44554
45°	43818	43818	43818	43818
50°	42975	42956	42975	42956
55°	41908	41908	41908	41908
60°	40549	40524	40549	40524
65°	38682	38682	38682	38682
70°	36060	36060	36060	36060
75°	32141	32092	32141	32092
80°	26018	26091	26018	26091
85°	16461	17328	16461	17328



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.6	3.4
10°-20°	101.7	9.7
20°-30°	153.4	14.6
30°-40°	184.0	17.5
40°-50°	189.9	18.1
50°-60°	170.6	16.3
60°-70°	128.4	12.2
70°-80°	70.0	6.7
80°-90°	15.2	1.5
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°	290.6	27.7
0°-40°	474.6	45.3
0°-60°	835.2	79.6
0°-90°	1048.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1048.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	376	376	376	376	376	
5°	374	375	374	375	374	36
15°	360	360	360	360	360	102
25°	333	333	333	333	333	153
35°	294	294	294	294	294	184
45°	246	246	246	246	246	190
55°	191	191	191	191	191	171
65°	130	130	130	130	130	128
75°	66	66	66	66	66	70
85°	11	12	11	12	11	15
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°	376.4	376.4	376.4	376.4	376.4	376.4	376.4	376.4	376.4	376.4	376.4
0.5°	376.3	376.2	376.7	376.6	376.3	376.6	376.7	376.2	376.3	376.2	376.7
1°	376.1	376.1	376.5	376.5	376.4	376.5	376.5	376.1	376.1	376.1	376.5
1.5°	376.1	376.0	376.5	376.4	376.3	376.4	376.5	376.0	376.1	376.0	376.5
2°	375.8	375.8	376.3	376.3	376.1	376.3	376.3	375.8	375.8	375.8	376.3
2.5°	375.8	375.7	376.2	376.1	375.9	376.1	376.2	375.7	375.8	375.7	376.2
3°	375.6	375.5	376.0	375.9	375.8	375.9	376.0	375.5	375.6	375.5	376.0
3.5°	375.3	375.3	375.7	375.7	375.4	375.7	375.7	375.3	375.3	375.3	375.7
4°	375.1	375.0	375.4	375.5	375.3	375.5	375.4	375.0	375.1	375.0	375.4
4.5°	374.8	374.7	375.2	375.1	374.9	375.1	375.2	374.7	374.8	374.7	375.2
5°	374.5	374.4	374.7	374.7	374.6	374.7	374.7	374.4	374.5	374.4	374.7
5.5°	374.1	373.9	374.5	374.4	374.1	374.4	374.5	373.9	374.1	373.9	374.5
6°	373.6	373.6	374.0	374.0	373.8	374.0	374.0	373.6	373.6	373.6	374.0
6.5°	373.1	373.1	373.6	373.5	373.3	373.5	373.6	373.1	373.1	373.1	373.6
7°	372.7	372.6	373.0	373.1	372.9	373.1	373.0	372.6	372.7	372.6	373.0
7.5°	372.3	372.1	372.6	372.5	372.2	372.5	372.6	372.1	372.3	372.1	372.6
8°	371.6	371.6	371.9	372.0	371.8	372.0	371.9	371.6	371.6	371.6	371.9
8.5°	371.0	370.9	371.4	371.4	371.1	371.4	371.4	370.9	371.0	370.9	371.4
9°	370.5	370.3	370.7	370.7	370.5	370.7	370.7	370.3	370.5	370.3	370.7
9.5°	369.7	369.7	370.1	370.1	369.9	370.1	370.1	369.7	369.7	369.7	370.1
10°	369.1	369.0	369.3	369.4	369.2	369.4	369.3	369.0	369.1	369.0	369.3
10.5°	368.4	368.2	368.6	368.7	368.3	368.7	368.6	368.2	368.4	368.2	368.6
11°	367.4	367.5	367.8	367.9	367.7	367.9	367.8	367.5	367.4	367.5	367.8
11.5°	366.7	366.7	367.1	367.0	366.8	367.0	367.1	366.7	366.7	366.7	367.1
12°	365.9	365.8	366.2	366.2	366.1	366.2	366.2	365.8	365.9	365.8	366.2
12.5°	365.0	364.9	365.4	365.4	365.0	365.4	365.4	364.9	365.0	364.9	365.4
13°	364.1	364.1	364.5	364.4	364.3	364.4	364.5	364.1	364.1	364.1	364.5
13.5°	363.2	363.1	363.5	363.4	363.3	363.4	363.5	363.1	363.2	363.1	363.5
14°	362.1	362.1	362.5	362.5	362.4	362.5	362.5	362.1	362.1	362.1	362.5
14.5°	361.3	361.1	361.6	361.6	361.3	361.6	361.6	361.1	361.3	361.1	361.6
15°	360.2	360.1	360.5	360.5	360.4	360.5	360.5	360.1	360.2	360.1	360.5
15.5°	359.1	359.0	359.4	359.5	359.1	359.5	359.4	359.0	359.1	359.0	359.4
16°	357.9	357.9	358.4	358.3	358.2	358.3	358.4	357.9	357.9	357.9	358.4
16.5°	356.9	356.8	357.2	357.1	356.9	357.1	357.2	356.8	356.9	356.8	357.2
17°	355.7	355.6	355.9	356.0	355.9	356.0	355.9	355.6	355.7	355.6	355.9
17.5°	354.5	354.4	354.9	354.7	354.6	354.7	354.9	354.4	354.5	354.4	354.9
18°	353.3	353.2	353.6	353.5	353.4	353.5	353.6	353.2	353.3	353.2	353.6
18.5°	352.1	351.9	352.4	352.3	351.9	352.3	352.4	351.9	352.1	351.9	352.4
19°	350.7	350.6	351.0	351.0	350.8	351.0	351.0	350.6	350.7	350.6	351.0
19.5°	349.4	349.3	349.8	349.7	349.4	349.7	349.8	349.3	349.4	349.3	349.8
20°	348.0	347.9	348.3	348.2	348.1	348.2	348.3	347.9	348.0	347.9	348.3
20.5°	346.7	346.6	347.1	346.9	346.6	346.9	347.1	346.6	346.7	346.6	347.1
21°	345.2	345.1	345.5	345.4	345.3	345.4	345.5	345.1	345.2	345.1	345.5

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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°	340.8	340.7	341.2	341.1	340.6	341.1	341.2	340.7	340.8	340.7	341.2
23°	339.2	339.2	339.5	339.5	339.3	339.5	339.5	339.2	339.2	339.2	339.5
23.5°	337.7	337.5	338.0	337.9	337.6	337.9	338.0	337.5	337.7	337.5	338.0
24°	336.0	336.0	336.3	336.3	336.2	336.3	336.3	336.0	336.0	336.0	336.3
24.5°	334.4	334.3	334.8	334.7	334.3	334.7	334.8	334.3	334.4	334.3	334.8
25°	332.8	332.7	333.1	333.0	332.8	333.0	333.1	332.7	332.8	332.7	333.1
25.5°	331.2	331.0	331.4	331.3	331.1	331.3	331.4	331.0	331.2	331.0	331.4
26°	329.4	329.3	329.7	329.6	329.4	329.6	329.7	329.3	329.4	329.3	329.7
26.5°	327.6	327.5	328.0	327.8	327.5	327.8	328.0	327.5	327.6	327.5	328.0
27°	325.8	325.8	326.1	326.1	325.9	326.1	326.1	325.8	325.8	325.8	326.1
27.5°	324.1	323.9	324.4	324.3	324.0	324.3	324.4	323.9	324.1	323.9	324.4
28°	322.3	322.2	322.5	322.4	322.3	322.4	322.5	322.2	322.3	322.2	322.5
28.5°	320.4	320.3	320.7	320.6	320.3	320.6	320.7	320.3	320.4	320.3	320.7
29°	318.5	318.5	318.8	318.7	318.6	318.7	318.8	318.5	318.5	318.5	318.8
29.5°	316.7	316.5	317.0	316.9	316.5	316.9	317.0	316.5	316.7	316.5	317.0
30°	314.7	314.6	314.9	314.9	314.7	314.9	314.9	314.6	314.7	314.6	314.9
30.5°	312.8	312.6	313.0	312.9	312.7	312.9	313.0	312.6	312.8	312.6	313.0
31°	310.7	310.7	311.1	311.0	310.8	311.0	311.1	310.7	310.7	310.7	311.1
31.5°	308.8	308.7	309.1	308.9	308.7	308.9	309.1	308.7	308.8	308.7	309.1
32°	306.7	306.7	307.0	306.9	306.7	306.9	307.0	306.7	306.7	306.7	307.0
32.5°	304.8	304.5	305.0	304.9	304.6	304.9	305.0	304.5	304.8	304.5	305.0
33°	302.7	302.6	302.9	302.8	302.6	302.8	302.9	302.6	302.7	302.6	302.9
33.5°	300.5	300.4	300.8	300.7	300.4	300.7	300.8	300.4	300.5	300.4	300.8
34°	298.4	298.4	298.7	298.6	298.4	298.6	298.7	298.4	298.4	298.4	298.7
34.5°	296.3	296.1	296.6	296.4	296.1	296.4	296.6	296.1	296.3	296.1	296.6
35°	294.0	294.0	294.3	294.2	294.1	294.2	294.3	294.0	294.0	294.0	294.3
35.5°	292.0	291.8	292.2	292.1	291.8	292.1	292.2	291.8	292.0	291.8	292.2
36°	289.7	289.6	289.9	289.9	289.7	289.9	289.9	289.6	289.7	289.6	289.9
36.5°	287.4	287.3	287.8	287.6	287.4	287.6	287.8	287.3	287.4	287.3	287.8
37°	285.1	285.1	285.4	285.3	285.2	285.3	285.4	285.1	285.1	285.1	285.4
37.5°	283.0	282.8	283.2	283.1	282.8	283.1	283.2	282.8	283.0	282.8	283.2
38°	280.5	280.5	280.8	280.7	280.6	280.7	280.8	280.5	280.5	280.5	280.8
38.5°	278.3	278.1	278.6	278.4	278.2	278.4	278.6	278.1	278.3	278.1	278.6
39°	276.0	275.9	276.2	276.1	276.0	276.1	276.2	275.9	276.0	275.9	276.2
39.5°	273.6	273.5	273.9	273.8	273.5	273.8	273.9	273.5	273.6	273.5	273.9
40°	271.2	271.1	271.4	271.3	271.2	271.3	271.4	271.1	271.2	271.1	271.4
40.5°	268.8	268.6	269.1	268.9	268.6	268.9	269.1	268.6	268.8	268.6	269.1
41°	266.3	266.2	266.5	266.5	266.3	266.5	266.5	266.2	266.3	266.2	266.5
41.5°	263.9	263.8	264.2	264.0	263.8	264.0	264.2	263.8	263.9	263.8	264.2
42°	261.5	261.4	261.7	261.6	261.4	261.6	261.7	261.4	261.5	261.4	261.7
42.5°	259.0	258.8	259.2	259.1	258.8	259.1	259.2	258.8	259.0	258.8	259.2
43°	256.5	256.4	256.7	256.6	256.5	256.6	256.7	256.4	256.5	256.4	256.7
43.5°	253.9	253.8	254.2	254.0	253.7	254.0	254.2	253.8	253.9	253.8	254.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	246.2	246.2	246.4	246.3	246.2	246.3	246.4	246.2	246.2	246.2	246.4
45.5°	243.7	243.5	243.9	243.8	243.5	243.8	243.9	243.5	243.7	243.5	243.9
46°	241.0	240.9	241.2	241.1	241.0	241.1	241.2	240.9	241.0	240.9	241.2
46.5°	238.4	238.3	238.6	238.5	238.2	238.5	238.6	238.3	238.4	238.3	238.6
47°	235.7	235.6	235.9	235.8	235.7	235.8	235.9	235.6	235.7	235.6	235.9
47.5°	233.0	232.9	233.3	233.1	232.9	233.1	233.3	232.9	233.0	232.9	233.3
48°	230.4	230.3	230.5	230.4	230.2	230.4	230.5	230.3	230.4	230.3	230.5
48.5°	227.7	227.6	227.8	227.8	227.5	227.8	227.8	227.6	227.7	227.6	227.8
49°	225.0	224.8	225.1	225.0	224.9	225.0	225.1	224.8	225.0	224.8	225.1
49.5°	222.2	222.2	222.4	222.3	222.1	222.3	222.4	222.2	222.2	222.2	222.4
50°	219.5	219.3	219.6	219.5	219.4	219.5	219.6	219.3	219.5	219.3	219.6
50.5°	216.7	216.6	216.8	216.8	216.5	216.8	216.8	216.6	216.7	216.6	216.8
51°	213.9	213.8	214.0	213.9	213.9	213.9	214.0	213.8	213.9	213.8	214.0
51.5°	211.1	211.0	211.3	211.2	211.0	211.2	211.3	211.0	211.1	211.0	211.3
52°	208.3	208.2	208.4	208.4	208.2	208.4	208.4	208.2	208.3	208.2	208.4
52.5°	205.4	205.4	205.6	205.5	205.3	205.5	205.6	205.4	205.4	205.4	205.6
53°	202.6	202.5	202.7	202.6	202.6	202.6	202.7	202.5	202.6	202.5	202.7
53.5°	199.7	199.7	199.9	199.8	199.5	199.8	199.9	199.7	199.7	199.7	199.9
54°	196.8	196.8	196.9	196.9	196.8	196.9	196.9	196.8	196.8	196.8	196.9
54.5°	194.0	193.9	194.1	194.0	193.8	194.0	194.1	193.9	194.0	193.9	194.1
55°	191.0	190.9	191.2	191.1	191.0	191.1	191.2	190.9	191.0	190.9	191.2
55.5°	188.1	188.0	188.2	188.2	188.0	188.2	188.2	188.0	188.1	188.0	188.2
56°	185.2	185.1	185.2	185.1	185.1	185.1	185.2	185.1	185.2	185.1	185.2
56.5°	182.2	182.2	182.4	182.2	182.1	182.2	182.4	182.2	182.2	182.2	182.4
57°	179.2	179.1	179.3	179.2	179.1	179.2	179.3	179.1	179.2	179.1	179.3
57.5°	176.3	176.1	176.4	176.3	176.1	176.3	176.4	176.1	176.3	176.1	176.4
58°	173.2	173.2	173.4	173.3	173.2	173.3	173.4	173.2	173.2	173.2	173.4
58.5°	170.3	170.2	170.4	170.3	170.1	170.3	170.4	170.2	170.3	170.2	170.4
59°	167.1	167.1	167.3	167.3	167.1	167.3	167.3	167.1	167.1	167.1	167.3
59.5°	164.2	164.1	164.3	164.2	164.0	164.2	164.3	164.1	164.2	164.1	164.3
60°	161.1	161.0	161.2	161.1	161.0	161.1	161.2	161.0	161.1	161.0	161.2
60.5°	158.0	158.0	158.2	158.1	157.9	158.1	158.2	158.0	158.0	158.0	158.2
61°	155.0	154.9	155.0	155.0	154.9	155.0	155.0	154.9	155.0	154.9	155.0
61.5°	152.0	151.8	152.0	151.9	151.7	151.9	152.0	151.8	152.0	151.8	152.0
62°	148.7	148.7	148.8	148.8	148.8	148.8	148.8	148.7	148.7	148.7	148.8
62.5°	145.7	145.6	145.8	145.7	145.6	145.7	145.8	145.6	145.7	145.6	145.8
63°	142.5	142.5	142.6	142.6	142.5	142.6	142.6	142.5	142.5	142.5	142.6
63.5°	139.4	139.4	139.5	139.4	139.3	139.4	139.5	139.4	139.4	139.4	139.5
64°	136.2	136.2	136.3	136.3	136.2	136.3	136.3	136.2	136.2	136.2	136.3
64.5°	133.1	133.1	133.2	133.2	133.0	133.2	133.2	133.1	133.1	133.1	133.2
65°	129.9	129.9	130.0	130.0	129.9	130.0	130.0	129.9	129.9	129.9	130.0
65.5°	126.8	126.7	126.9	126.8	126.6	126.8	126.9	126.7	126.8	126.7	126.9
66°	123.6	123.5	123.6	123.6	123.5	123.6	123.6	123.5	123.6	123.5	123.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997136

CATALOG NUMBER: SMX4RLSFS010-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	114.1	114.0	114.1	114.1	113.9	114.1	114.1	114.0	114.1	114.0	114.1
68°	110.8	110.8	110.9	110.9	110.8	110.9	110.9	110.8	110.8	110.8	110.9
68.5°	107.6	107.6	107.7	107.6	107.5	107.6	107.7	107.6	107.6	107.6	107.7
69°	104.4	104.4	104.5	104.5	104.4	104.5	104.5	104.4	104.4	104.4	104.5
69.5°	101.2	101.2	101.3	101.3	101.1	101.3	101.3	101.2	101.2	101.2	101.3
70°	98.0	98.0	98.1	98.0	98.0	98.0	98.1	98.0	98.0	98.0	98.1
70.5°	94.8	94.8	94.9	94.8	94.8	94.8	94.9	94.8	94.8	94.8	94.9
71°	91.6	91.6	91.7	91.6	91.6	91.6	91.7	91.6	91.6	91.6	91.7
71.5°	88.4	88.3	88.5	88.4	88.4	88.4	88.5	88.3	88.4	88.3	88.5
72°	85.2	85.1	85.2	85.2	85.2	85.2	85.2	85.1	85.2	85.1	85.2
72.5°	81.9	81.9	82.1	82.0	81.9	82.0	82.1	81.9	81.9	81.9	82.1
73°	78.8	78.8	78.8	78.8	78.7	78.8	78.8	78.8	78.8	78.8	78.8
73.5°	75.6	75.6	75.7	75.6	75.5	75.6	75.7	75.6	75.6	75.6	75.7
74°	72.4	72.4	72.5	72.5	72.4	72.5	72.5	72.4	72.4	72.4	72.5
74.5°	69.2	69.2	69.3	69.3	69.2	69.3	69.3	69.2	69.2	69.2	69.3
75°	66.1	66.1	66.1	66.1	66.0	66.1	66.1	66.1	66.1	66.1	66.1
75.5°	62.9	62.9	63.0	63.0	62.9	63.0	63.0	62.9	62.9	62.9	63.0
76°	59.8	59.8	59.9	59.9	59.8	59.9	59.9	59.8	59.8	59.8	59.9
76.5°	56.7	56.7	56.8	56.8	56.7	56.8	56.8	56.7	56.7	56.7	56.8
77°	53.6	53.7	53.7	53.7	53.6	53.7	53.7	53.7	53.6	53.7	53.7
77.5°	50.6	50.6	50.7	50.7	50.6	50.7	50.7	50.6	50.6	50.6	50.7
78°	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.6	47.6	47.6	47.7
78.5°	44.6	44.6	44.7	44.8	44.6	44.8	44.7	44.6	44.6	44.6	44.7
79°	41.7	41.8	41.8	41.9	41.7	41.9	41.8	41.8	41.7	41.8	41.8
79.5°	38.7	38.8	38.9	39.0	38.8	39.0	38.9	38.8	38.7	38.8	38.9
80°	35.9	36.0	36.1	36.1	36.0	36.1	36.1	36.0	35.9	36.0	36.1
80.5°	33.1	33.2	33.3	33.3	33.2	33.3	33.3	33.2	33.1	33.2	33.3
81°	30.4	30.5	30.6	30.6	30.5	30.6	30.6	30.5	30.4	30.5	30.6
81.5°	27.7	27.8	27.9	28.0	27.9	28.0	27.9	27.8	27.7	27.8	27.9
82°	25.2	25.2	25.3	25.4	25.4	25.4	25.3	25.2	25.2	25.2	25.3
82.5°	22.6	22.6	22.8	22.9	22.9	22.9	22.8	22.6	22.6	22.6	22.8
83°	20.1	20.2	20.3	20.5	20.5	20.5	20.3	20.2	20.1	20.2	20.3
83.5°	17.8	17.8	18.0	18.1	18.2	18.1	18.0	17.8	17.8	17.8	18.0
84°	15.5	15.6	15.8	16.0	16.1	16.0	15.8	15.6	15.5	15.6	15.8
84.5°	13.4	13.5	13.8	14.0	14.0	14.0	13.8	13.5	13.4	13.5	13.8
85°	11.4	11.6	11.7	12.0	12.0	12.0	11.7	11.6	11.4	11.6	11.7
85.5°	9.6	9.7	9.9	10.1	10.0	10.1	9.9	9.7	9.6	9.7	9.9
86°	8.0	8.0	8.1	8.3	8.3	8.3	8.1	8.0	8.0	8.0	8.1
86.5°	6.4	6.4	6.7	6.9	6.8	6.9	6.7	6.4	6.4	6.4	6.7
87°	4.9	5.1	5.4	5.6	5.5	5.6	5.4	5.1	4.9	5.1	5.4
87.5°	3.7	3.9	4.2	4.5	4.3	4.5	4.2	3.9	3.7	3.9	4.2
88°	2.8	2.8	3.1	3.5	3.4	3.5	3.1	2.8	2.8	2.8	3.1
88.5°	1.9	2.0	2.3	2.6	2.5	2.6	2.3	2.0	1.9	2.0	2.3

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

Scaled Data Report



TEST NUMBER: P997136
CATALOG NUMBER: SMX4RLSFS010-1000LM-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: P997136

CATALOG NUMBER: SMX4RLSFS010-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	376.4	376.4	376.4	376.4	376.4	376.4
0.5°	376.6	376.3	376.6	376.7	376.2	376.3
1°	376.5	376.4	376.5	376.5	376.1	376.1
1.5°	376.4	376.3	376.4	376.5	376.0	376.1
2°	376.3	376.1	376.3	376.3	375.8	375.8
2.5°	376.1	375.9	376.1	376.2	375.7	375.8
3°	375.9	375.8	375.9	376.0	375.5	375.6
3.5°	375.7	375.4	375.7	375.7	375.3	375.3
4°	375.5	375.3	375.5	375.4	375.0	375.1
4.5°	375.1	374.9	375.1	375.2	374.7	374.8
5°	374.7	374.6	374.7	374.7	374.4	374.5
5.5°	374.4	374.1	374.4	374.5	373.9	374.1
6°	374.0	373.8	374.0	374.0	373.6	373.6
6.5°	373.5	373.3	373.5	373.6	373.1	373.1
7°	373.1	372.9	373.1	373.0	372.6	372.7
7.5°	372.5	372.2	372.5	372.6	372.1	372.3
8°	372.0	371.8	372.0	371.9	371.6	371.6
8.5°	371.4	371.1	371.4	371.4	370.9	371.0
9°	370.7	370.5	370.7	370.7	370.3	370.5
9.5°	370.1	369.9	370.1	370.1	369.7	369.7
10°	369.4	369.2	369.4	369.3	369.0	369.1
10.5°	368.7	368.3	368.7	368.6	368.2	368.4
11°	367.9	367.7	367.9	367.8	367.5	367.4
11.5°	367.0	366.8	367.0	367.1	366.7	366.7
12°	366.2	366.1	366.2	366.2	365.8	365.9
12.5°	365.4	365.0	365.4	365.4	364.9	365.0
13°	364.4	364.3	364.4	364.5	364.1	364.1
13.5°	363.4	363.3	363.4	363.5	363.1	363.2
14°	362.5	362.4	362.5	362.5	362.1	362.1
14.5°	361.6	361.3	361.6	361.6	361.1	361.3
15°	360.5	360.4	360.5	360.5	360.1	360.2
15.5°	359.5	359.1	359.5	359.4	359.0	359.1
16°	358.3	358.2	358.3	358.4	357.9	357.9
16.5°	357.1	356.9	357.1	357.2	356.8	356.9
17°	356.0	355.9	356.0	355.9	355.6	355.7
17.5°	354.7	354.6	354.7	354.9	354.4	354.5
18°	353.5	353.4	353.5	353.6	353.2	353.3
18.5°	352.3	351.9	352.3	352.4	351.9	352.1
19°	351.0	350.8	351.0	351.0	350.6	350.7
19.5°	349.7	349.4	349.7	349.8	349.3	349.4
20°	348.2	348.1	348.2	348.3	347.9	348.0
20.5°	346.9	346.6	346.9	347.1	346.6	346.7
21°	345.4	345.3	345.4	345.5	345.1	345.2

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997136

CATALOG NUMBER: SMX4RLSFS010-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	341.1	340.6	341.1	341.2	340.7	340.8
23°	339.5	339.3	339.5	339.5	339.2	339.2
23.5°	337.9	337.6	337.9	338.0	337.5	337.7
24°	336.3	336.2	336.3	336.3	336.0	336.0
24.5°	334.7	334.3	334.7	334.8	334.3	334.4
25°	333.0	332.8	333.0	333.1	332.7	332.8
25.5°	331.3	331.1	331.3	331.4	331.0	331.2
26°	329.6	329.4	329.6	329.7	329.3	329.4
26.5°	327.8	327.5	327.8	328.0	327.5	327.6
27°	326.1	325.9	326.1	326.1	325.8	325.8
27.5°	324.3	324.0	324.3	324.4	323.9	324.1
28°	322.4	322.3	322.4	322.5	322.2	322.3
28.5°	320.6	320.3	320.6	320.7	320.3	320.4
29°	318.7	318.6	318.7	318.8	318.5	318.5
29.5°	316.9	316.5	316.9	317.0	316.5	316.7
30°	314.9	314.7	314.9	314.9	314.6	314.7
30.5°	312.9	312.7	312.9	313.0	312.6	312.8
31°	311.0	310.8	311.0	311.1	310.7	310.7
31.5°	308.9	308.7	308.9	309.1	308.7	308.8
32°	306.9	306.7	306.9	307.0	306.7	306.7
32.5°	304.9	304.6	304.9	305.0	304.5	304.8
33°	302.8	302.6	302.8	302.9	302.6	302.7
33.5°	300.7	300.4	300.7	300.8	300.4	300.5
34°	298.6	298.4	298.6	298.7	298.4	298.4
34.5°	296.4	296.1	296.4	296.6	296.1	296.3
35°	294.2	294.1	294.2	294.3	294.0	294.0
35.5°	292.1	291.8	292.1	292.2	291.8	292.0
36°	289.9	289.7	289.9	289.9	289.6	289.7
36.5°	287.6	287.4	287.6	287.8	287.3	287.4
37°	285.3	285.2	285.3	285.4	285.1	285.1
37.5°	283.1	282.8	283.1	283.2	282.8	283.0
38°	280.7	280.6	280.7	280.8	280.5	280.5
38.5°	278.4	278.2	278.4	278.6	278.1	278.3
39°	276.1	276.0	276.1	276.2	275.9	276.0
39.5°	273.8	273.5	273.8	273.9	273.5	273.6
40°	271.3	271.2	271.3	271.4	271.1	271.2
40.5°	268.9	268.6	268.9	269.1	268.6	268.8
41°	266.5	266.3	266.5	266.5	266.2	266.3
41.5°	264.0	263.8	264.0	264.2	263.8	263.9
42°	261.6	261.4	261.6	261.7	261.4	261.5
42.5°	259.1	258.8	259.1	259.2	258.8	259.0
43°	256.6	256.5	256.6	256.7	256.4	256.5
43.5°	254.0	253.7	254.0	254.2	253.8	253.9

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997136

CATALOG NUMBER: SMX4RLSFS010-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	246.3	246.2	246.3	246.4	246.2	246.2
45.5°	243.8	243.5	243.8	243.9	243.5	243.7
46°	241.1	241.0	241.1	241.2	240.9	241.0
46.5°	238.5	238.2	238.5	238.6	238.3	238.4
47°	235.8	235.7	235.8	235.9	235.6	235.7
47.5°	233.1	232.9	233.1	233.3	232.9	233.0
48°	230.4	230.2	230.4	230.5	230.3	230.4
48.5°	227.8	227.5	227.8	227.8	227.6	227.7
49°	225.0	224.9	225.0	225.1	224.8	225.0
49.5°	222.3	222.1	222.3	222.4	222.2	222.2
50°	219.5	219.4	219.5	219.6	219.3	219.5
50.5°	216.8	216.5	216.8	216.8	216.6	216.7
51°	213.9	213.9	213.9	214.0	213.8	213.9
51.5°	211.2	211.0	211.2	211.3	211.0	211.1
52°	208.4	208.2	208.4	208.4	208.2	208.3
52.5°	205.5	205.3	205.5	205.6	205.4	205.4
53°	202.6	202.6	202.6	202.7	202.5	202.6
53.5°	199.8	199.5	199.8	199.9	199.7	199.7
54°	196.9	196.8	196.9	196.9	196.8	196.8
54.5°	194.0	193.8	194.0	194.1	193.9	194.0
55°	191.1	191.0	191.1	191.2	190.9	191.0
55.5°	188.2	188.0	188.2	188.2	188.0	188.1
56°	185.1	185.1	185.1	185.2	185.1	185.2
56.5°	182.2	182.1	182.2	182.4	182.2	182.2
57°	179.2	179.1	179.2	179.3	179.1	179.2
57.5°	176.3	176.1	176.3	176.4	176.1	176.3
58°	173.3	173.2	173.3	173.4	173.2	173.2
58.5°	170.3	170.1	170.3	170.4	170.2	170.3
59°	167.3	167.1	167.3	167.3	167.1	167.1
59.5°	164.2	164.0	164.2	164.3	164.1	164.2
60°	161.1	161.0	161.1	161.2	161.0	161.1
60.5°	158.1	157.9	158.1	158.2	158.0	158.0
61°	155.0	154.9	155.0	155.0	154.9	155.0
61.5°	151.9	151.7	151.9	152.0	151.8	152.0
62°	148.8	148.8	148.8	148.8	148.7	148.7
62.5°	145.7	145.6	145.7	145.8	145.6	145.7
63°	142.6	142.5	142.6	142.6	142.5	142.5
63.5°	139.4	139.3	139.4	139.5	139.4	139.4
64°	136.3	136.2	136.3	136.3	136.2	136.2
64.5°	133.2	133.0	133.2	133.2	133.1	133.1
65°	130.0	129.9	130.0	130.0	129.9	129.9
65.5°	126.8	126.6	126.8	126.9	126.7	126.8
66°	123.6	123.5	123.6	123.6	123.5	123.6

Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



TEST NUMBER: P997136

CATALOG NUMBER: SMX4RLSFS010-1000LM-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	114.1	113.9	114.1	114.1	114.0	114.1
68°	110.9	110.8	110.9	110.9	110.8	110.8
68.5°	107.6	107.5	107.6	107.7	107.6	107.6
69°	104.5	104.4	104.5	104.5	104.4	104.4
69.5°	101.3	101.1	101.3	101.3	101.2	101.2
70°	98.0	98.0	98.0	98.1	98.0	98.0
70.5°	94.8	94.8	94.8	94.9	94.8	94.8
71°	91.6	91.6	91.6	91.7	91.6	91.6
71.5°	88.4	88.4	88.4	88.5	88.3	88.4
72°	85.2	85.2	85.2	85.2	85.1	85.2
72.5°	82.0	81.9	82.0	82.1	81.9	81.9
73°	78.8	78.7	78.8	78.8	78.8	78.8
73.5°	75.6	75.5	75.6	75.7	75.6	75.6
74°	72.5	72.4	72.5	72.5	72.4	72.4
74.5°	69.3	69.2	69.3	69.3	69.2	69.2
75°	66.1	66.0	66.1	66.1	66.1	66.1
75.5°	63.0	62.9	63.0	63.0	62.9	62.9
76°	59.9	59.8	59.9	59.9	59.8	59.8
76.5°	56.8	56.7	56.8	56.8	56.7	56.7
77°	53.7	53.6	53.7	53.7	53.7	53.6
77.5°	50.7	50.6	50.7	50.7	50.6	50.6
78°	47.7	47.7	47.7	47.7	47.6	47.6
78.5°	44.8	44.6	44.8	44.7	44.6	44.6
79°	41.9	41.7	41.9	41.8	41.8	41.7
79.5°	39.0	38.8	39.0	38.9	38.8	38.7
80°	36.1	36.0	36.1	36.1	36.0	35.9
80.5°	33.3	33.2	33.3	33.3	33.2	33.1
81°	30.6	30.5	30.6	30.6	30.5	30.4
81.5°	28.0	27.9	28.0	27.9	27.8	27.7
82°	25.4	25.4	25.4	25.3	25.2	25.2
82.5°	22.9	22.9	22.9	22.8	22.6	22.6
83°	20.5	20.5	20.5	20.3	20.2	20.1
83.5°	18.1	18.2	18.1	18.0	17.8	17.8
84°	16.0	16.1	16.0	15.8	15.6	15.5
84.5°	14.0	14.0	14.0	13.8	13.5	13.4
85°	12.0	12.0	12.0	11.7	11.6	11.4
85.5°	10.1	10.0	10.1	9.9	9.7	9.6
86°	8.3	8.3	8.3	8.1	8.0	8.0
86.5°	6.9	6.8	6.9	6.7	6.4	6.4
87°	5.6	5.5	5.6	5.4	5.1	4.9
87.5°	4.5	4.3	4.5	4.2	3.9	3.7
88°	3.5	3.4	3.5	3.1	2.8	2.8
88.5°	2.6	2.5	2.6	2.3	2.0	1.9

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Scaled Data Report



TEST NUMBER: P997136
CATALOG NUMBER: SMX4RLSFS010-1000LM-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°	343.8	343.7	344.2	344.0	343.8	344.0	344.2	343.7	343.8	343.7	344.2
22°	342.2	342.2	342.6	342.5	342.3	342.5	342.6	342.2	342.2	342.2	342.6



44°	251.4	251.3	251.5	251.5	251.3	251.5	251.5	251.3	251.4	251.3	251.5
44.5°	248.9	248.7	249.0	248.9	248.7	248.9	249.0	248.7	248.9	248.7	249.0



66.5°	120.4	120.3	120.5	120.4	120.3	120.4	120.5	120.3	120.4	120.3	120.5
67°	117.2	117.2	117.3	117.2	117.1	117.2	117.3	117.2	117.2	117.2	117.3



89°	1.2	1.4	1.7	2.0	2.0	2.0	1.7	1.4	1.2	1.4	1.7
89.5°	0.8	0.9	1.2	1.5	1.6	1.5	1.2	0.9	0.8	0.9	1.2

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21.5°	344.0	343.8	344.0	344.2	343.7	343.8
22°	342.5	342.3	342.5	342.6	342.2	342.2

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44°	251.5	251.3	251.5	251.5	251.3	251.4
44.5°	248.9	248.7	248.9	249.0	248.7	248.9

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66.5°	120.4	120.3	120.4	120.5	120.3	120.4
67°	117.2	117.1	117.2	117.3	117.2	117.2

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89°	2.0	2.0	2.0	1.7	1.4	1.2
89.5°	1.5	1.6	1.5	1.2	0.9	0.8

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(END OF REPORT)