

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



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: P997163

Luminaire Tested: **SMX4SLSFS010-800LM-3500K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997163
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2410943A001)
Test Lab:
Issue Date: 3/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: SMX4SLSFS010-800LM-3500K
Description: 4IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3500K CCT
Ballast/Driver: -

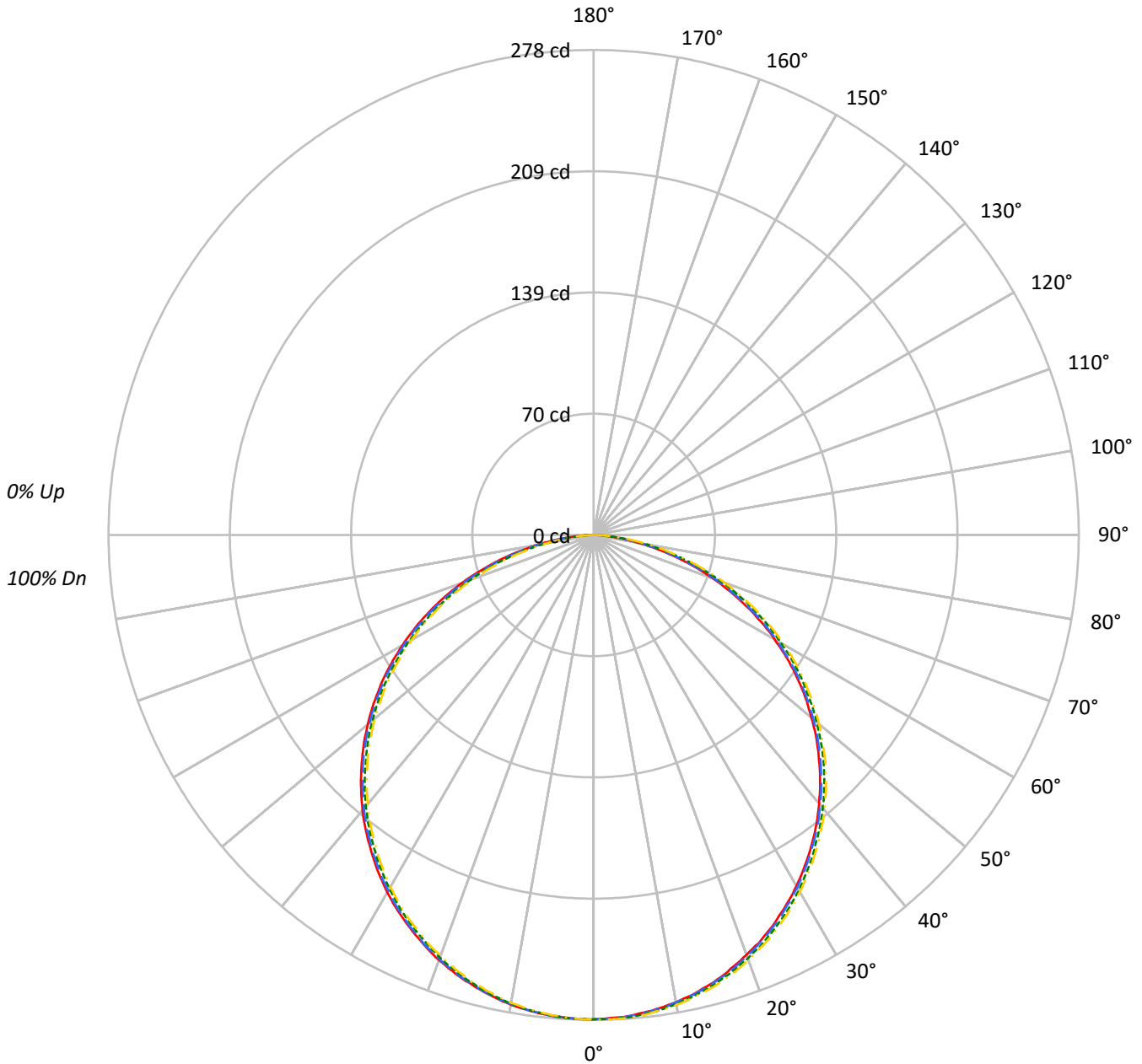
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 792.9 lumens
Efficiency: N/A
Efficacy: 92.2 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.37
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
CIE Type: Direct

Input Watts (W): 8.6
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					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0		
RCR	0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100	100	100		
	1	109	104	100	96	106	102	98	94	97	94	91	94	91	89	90	88	86	84	84	84	84	84	84		
	2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70	70	70	70	70	70		
	3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	59	59	59	59	59	59		
	4	82	70	61	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50	50	50	50	50	50		
	5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43	43	43	43	43	43		
	6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38	38	38	38	38	38		
	7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33	33	33	33	33	33		
	8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30	30	30	30	30	30		
	9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27	27	27	27	27	27		
	10	53	39	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24	24	24	24	24	24		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	27448	27448	27448	27448
5°	27385	27464	27454	27444
10°	27300	27430	27440	27380
15°	27168	27322	27353	27250
20°	26949	27169	27275	27117
25°	26763	27003	27123	26916
30°	26525	26844	27004	26719
35°	26232	26594	26787	26474
40°	25935	26361	26593	26219
45°	25525	26070	26293	25832
50°	25049	25634	26003	25434
55°	24488	25194	25608	24953
60°	23683	24533	25027	24197
65°	22593	23669	24253	23201
70°	20981	22397	23149	21704
75°	18560	20355	21348	19439
80°	14743	17247	18556	16052
85°	9073	12588	14403	10774



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.3	3.3
10°-20°	75.2	9.5
20°-30°	113.9	14.4
30°-40°	137.5	17.3
40°-50°	143.1	18.0
50°-60°	129.8	16.4
60°-70°	99.0	12.5
70°-80°	55.2	7.0
80°-90°	12.9	1.6
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°	215.4	27.2
0°-40°	352.9	44.5
0°-60°	625.8	78.9
0°-90°	792.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	792.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	278	278	278	278	278	
5°	276	277	277	277	276	26
15°	266	267	267	266	266	75
25°	245	248	249	247	245	113
35°	217	220	222	219	217	136
45°	183	186	188	185	183	141
55°	142	146	149	145	142	127
65°	97	101	104	99	97	95
75°	49	53	56	51	49	51
85°	8	11	13	10	8	11
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°	277.7	277.7	277.7	277.7	277.7	277.7	277.7	277.7	277.7	277.7	277.7
0.5°	277.5	277.5	277.7	277.6	277.7	277.6	278.0	277.7	277.7	277.8	277.6
1°	277.5	277.5	277.5	277.5	277.7	277.5	277.9	277.8	277.7	277.8	277.6
1.5°	277.3	277.6	277.4	277.3	277.6	277.7	277.9	277.7	277.6	277.7	277.6
2°	277.1	277.5	277.3	277.2	277.5	277.8	277.9	277.6	277.5	277.7	277.5
2.5°	277.0	277.3	277.2	277.2	277.5	277.6	277.8	277.6	277.5	277.6	277.4
3°	276.9	277.3	277.1	277.1	277.4	277.3	277.8	277.5	277.3	277.4	277.3
3.5°	276.9	277.1	276.9	276.9	277.2	277.1	277.7	277.3	277.1	277.4	277.2
4°	276.6	276.8	276.8	276.8	277.3	277.1	277.3	277.1	277.0	277.3	276.9
4.5°	276.3	276.7	276.5	276.5	277.1	276.9	277.3	277.0	277.0	277.2	276.8
5°	276.0	276.3	276.2	276.3	276.8	276.7	277.0	276.8	276.7	277.0	276.7
5.5°	275.6	275.9	276.1	276.2	276.4	276.6	276.8	276.6	276.5	276.7	276.4
6°	275.3	275.7	275.6	275.9	276.1	276.3	276.7	276.2	276.2	276.4	276.1
6.5°	274.9	275.3	275.3	275.5	275.9	276.0	276.3	276.1	276.0	276.3	275.9
7°	274.7	275.0	274.9	275.1	275.6	275.6	275.8	276.0	275.5	276.0	275.5
7.5°	274.2	274.5	274.5	274.7	275.4	275.3	275.4	275.5	275.4	275.5	275.1
8°	273.8	274.2	274.1	274.2	274.9	275.0	275.2	275.1	275.0	275.2	274.9
8.5°	273.4	273.7	273.7	273.7	274.5	274.7	274.8	274.7	274.6	274.7	274.4
9°	272.9	273.3	273.3	273.3	274.0	274.2	274.5	274.3	274.3	274.3	273.9
9.5°	272.5	272.7	272.6	272.9	273.6	273.7	274.0	273.8	273.9	274.0	273.7
10°	272.0	272.1	272.1	272.3	273.3	273.3	273.6	273.5	273.4	273.7	273.1
10.5°	271.4	271.5	271.6	271.9	272.5	272.8	273.1	272.9	272.8	273.1	272.7
11°	270.8	271.1	271.1	271.2	271.9	272.3	272.7	272.4	272.5	272.5	272.0
11.5°	270.3	270.3	270.5	270.6	271.4	271.8	272.1	271.9	271.9	272.0	271.7
12°	269.8	269.8	270.0	270.0	270.9	271.2	271.5	271.3	271.3	271.4	271.0
12.5°	269.1	269.1	269.3	269.5	270.1	270.4	270.7	270.8	270.7	270.9	270.4
13°	268.3	268.6	268.6	268.8	269.5	269.9	270.3	270.1	270.0	270.3	269.8
13.5°	267.5	267.9	267.9	268.2	268.9	269.3	269.7	269.6	269.5	269.6	269.1
14°	266.9	267.1	267.2	267.6	268.2	268.6	269.1	268.9	268.7	268.9	268.4
14.5°	266.2	266.3	266.5	266.7	267.4	267.9	268.4	268.2	268.1	268.3	267.8
15°	265.5	265.7	265.7	265.9	267.0	267.3	267.8	267.6	267.3	267.6	267.0
15.5°	264.5	264.8	265.0	265.2	266.0	266.4	267.0	266.9	266.5	266.9	266.4
16°	263.8	264.0	264.3	264.3	265.2	265.9	266.2	266.3	266.0	266.3	265.5
16.5°	262.9	263.0	263.4	263.6	264.3	265.1	265.5	265.4	265.3	265.4	264.9
17°	262.0	262.3	262.6	262.8	263.6	264.2	264.5	264.6	264.4	264.5	264.0
17.5°	260.8	261.5	261.7	262.0	262.7	263.3	263.8	263.8	263.7	263.8	263.1
18°	260.0	260.7	260.9	261.0	262.0	262.6	263.1	262.8	262.7	262.8	262.2
18.5°	259.0	259.6	259.9	260.3	261.0	261.8	262.2	262.1	261.9	262.0	261.5
19°	258.2	258.7	258.9	259.3	260.0	260.9	261.2	261.2	260.9	261.1	260.5
19.5°	257.0	257.7	258.0	258.4	259.2	259.9	260.2	260.2	260.1	260.2	259.7
20°	256.2	256.8	257.0	257.5	258.3	259.1	259.1	259.2	259.3	259.1	258.6
20.5°	255.0	255.7	256.0	256.6	257.2	258.0	258.4	258.3	258.4	258.2	257.8
21°	254.2	254.7	255.0	255.4	256.2	257.1	257.2	257.3	257.3	257.2	256.7

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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°	251.2	251.5	251.8	252.2	253.3	254.0	254.4	254.4	254.2	254.5	253.8
23°	249.9	250.4	250.7	251.0	252.2	253.1	253.3	253.5	253.1	253.4	252.6
23.5°	248.8	249.3	249.6	250.0	251.0	251.8	252.3	252.2	252.0	252.3	251.5
24°	247.7	248.1	248.6	248.8	249.9	250.6	251.2	251.1	251.0	251.2	250.4
24.5°	246.6	246.9	247.3	247.7	248.8	249.6	250.1	250.1	249.9	250.0	249.3
25°	245.4	245.9	246.1	246.5	247.6	248.5	248.9	248.8	248.7	248.9	248.1
25.5°	244.0	244.6	245.0	245.5	246.4	247.3	247.7	247.7	247.6	247.8	247.1
26°	242.7	243.4	244.0	244.3	245.3	246.0	246.4	246.7	246.4	246.4	245.8
26.5°	241.6	242.2	242.6	243.0	244.1	244.9	245.3	245.5	245.3	245.3	244.8
27°	240.5	240.8	241.1	241.8	242.9	243.7	244.2	244.2	244.1	244.2	243.4
27.5°	238.9	239.5	239.7	240.6	241.6	242.4	242.8	243.1	242.9	242.9	242.2
28°	237.8	238.3	238.7	239.2	240.3	241.1	241.6	241.6	241.7	241.6	240.9
28.5°	236.6	236.9	237.3	237.8	239.0	239.8	240.4	240.4	240.5	240.4	239.7
29°	235.2	235.6	235.9	236.4	237.8	238.5	239.1	239.1	239.1	239.0	238.3
29.5°	233.7	234.4	234.6	235.2	236.5	237.1	237.7	237.7	237.9	237.7	237.1
30°	232.4	232.9	233.3	233.7	235.2	235.8	236.3	236.5	236.6	236.5	235.5
30.5°	230.9	231.4	231.8	232.4	233.7	234.5	235.0	235.1	235.2	234.9	234.1
31°	229.6	230.0	230.4	230.9	232.3	233.2	233.6	233.8	233.7	233.5	232.9
31.5°	228.1	228.7	228.8	229.5	230.8	231.7	232.1	232.4	232.3	232.1	231.5
32°	226.6	227.1	227.5	228.1	229.3	230.2	230.6	230.8	230.9	230.8	230.0
32.5°	225.0	225.6	226.0	226.7	228.0	228.8	229.3	229.3	229.5	229.3	228.6
33°	223.6	224.1	224.6	225.2	226.6	227.4	228.0	228.0	228.1	227.8	227.0
33.5°	222.1	222.6	223.0	223.7	225.0	225.6	226.5	226.4	226.5	226.3	225.5
34°	220.7	221.1	221.5	222.1	223.6	224.2	224.9	225.0	225.1	224.8	224.0
34.5°	219.1	219.6	219.9	220.6	222.0	222.7	223.3	223.5	223.6	223.3	222.6
35°	217.4	218.0	218.3	218.9	220.4	221.3	221.8	221.9	222.0	221.8	220.9
35.5°	215.9	216.4	216.8	217.5	218.7	219.8	220.2	220.4	220.5	220.2	219.4
36°	214.3	214.8	215.3	216.0	217.1	218.3	218.7	218.8	218.9	218.7	217.9
36.5°	212.8	213.2	213.7	214.4	215.7	216.5	217.2	217.4	217.4	217.2	216.3
37°	211.2	211.6	212.2	212.8	214.1	215.0	215.6	215.9	215.7	215.5	214.6
37.5°	209.6	210.0	210.5	211.2	212.6	213.6	213.8	214.3	214.2	213.9	213.3
38°	207.9	208.3	208.8	209.4	210.9	212.0	212.3	212.8	212.6	212.4	211.5
38.5°	206.2	206.5	207.2	207.8	209.3	210.3	210.8	211.0	211.1	210.7	209.9
39°	204.4	204.9	205.4	206.2	207.6	208.7	209.1	209.4	209.6	209.0	208.2
39.5°	202.6	203.0	203.6	204.4	206.1	206.8	207.5	207.6	207.8	207.4	206.6
40°	201.0	201.5	201.9	202.6	204.3	205.1	205.7	206.1	206.1	205.6	204.8
40.5°	199.1	199.6	200.2	201.0	202.6	203.4	203.9	204.4	204.3	204.0	203.1
41°	197.4	198.0	198.5	199.2	200.9	201.7	202.2	202.6	202.5	202.3	201.2
41.5°	195.7	196.2	196.8	197.5	199.0	199.9	200.4	200.9	200.8	200.5	199.4
42°	193.9	194.4	194.8	195.7	197.4	198.1	198.9	199.1	199.1	198.7	197.8
42.5°	191.9	192.6	193.1	194.0	195.5	196.2	197.2	197.3	197.3	197.0	196.0
43°	190.2	191.0	191.3	192.2	193.8	194.6	195.2	195.4	195.5	195.2	194.1
43.5°	188.4	188.9	189.4	190.3	192.0	192.8	193.3	193.8	193.8	193.4	192.5

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	182.6	183.4	183.8	184.7	186.5	187.4	187.9	188.2	188.1	187.9	187.0
45.5°	180.7	181.5	182.0	182.9	184.7	185.4	186.1	186.3	186.3	186.2	185.3
46°	179.0	179.7	180.2	180.9	182.7	183.6	184.2	184.5	184.3	184.1	183.2
46.5°	177.0	177.7	178.2	179.0	180.8	181.7	182.2	182.7	182.6	182.3	181.4
47°	175.1	175.7	176.1	177.1	178.8	179.8	180.4	180.9	180.7	180.5	179.5
47.5°	173.2	173.7	174.3	175.2	176.8	177.8	178.3	178.9	178.9	178.5	177.6
48°	171.2	171.7	172.4	173.1	174.7	175.9	176.4	177.0	177.0	176.6	175.5
48.5°	169.2	169.8	170.4	171.2	172.7	174.0	174.6	174.9	175.0	174.7	173.7
49°	167.0	167.9	168.3	169.1	170.7	171.9	172.7	173.0	172.9	172.7	171.7
49.5°	165.1	165.8	166.4	167.2	168.7	170.0	170.7	171.0	171.0	170.7	169.7
50°	162.9	163.7	164.3	165.3	166.7	168.2	168.6	169.1	169.1	168.8	167.6
50.5°	160.8	161.6	162.2	163.2	164.8	166.0	166.6	167.0	167.0	166.7	165.6
51°	158.8	159.6	160.2	161.1	162.8	164.0	164.6	165.0	165.0	164.8	163.6
51.5°	156.9	157.5	158.1	159.0	160.8	161.8	162.6	162.8	162.9	162.7	161.5
52°	154.9	155.5	156.1	157.0	158.7	159.7	160.5	160.9	161.0	160.6	159.5
52.5°	152.8	153.3	154.0	155.0	156.5	157.7	158.5	158.8	158.9	158.4	157.4
53°	150.7	151.3	151.9	152.9	154.4	155.8	156.4	156.7	156.8	156.4	155.4
53.5°	148.7	149.2	149.8	150.6	152.4	153.6	154.2	154.6	154.8	154.2	153.4
54°	146.5	147.1	147.7	148.5	150.2	151.5	152.2	152.4	152.5	152.3	151.2
54.5°	144.4	144.9	145.6	146.5	148.4	149.5	150.1	150.3	150.5	150.2	149.2
55°	142.1	142.8	143.5	144.4	146.2	147.5	148.1	148.4	148.6	148.1	147.3
55.5°	140.0	140.5	141.4	142.3	144.2	145.3	146.1	146.3	146.4	146.0	145.1
56°	137.9	138.3	139.2	140.1	142.1	143.1	143.8	144.1	144.2	143.9	142.9
56.5°	135.6	136.2	136.9	137.8	139.7	141.0	141.7	142.1	142.1	141.7	140.7
57°	133.6	134.0	134.7	135.6	137.6	138.7	139.6	139.8	139.8	139.4	138.4
57.5°	131.2	131.7	132.4	133.5	135.5	136.5	137.4	137.6	137.7	137.3	136.2
58°	129.0	129.5	130.2	131.3	133.2	134.4	135.1	135.5	135.5	135.0	134.1
58.5°	126.6	127.3	127.9	129.0	131.0	132.3	133.0	133.4	133.3	133.0	132.0
59°	124.4	125.0	125.7	126.8	128.8	129.8	130.6	131.3	130.9	130.6	129.7
59.5°	121.9	122.8	123.4	124.6	126.3	127.5	128.4	129.0	128.8	128.4	127.4
60°	119.8	120.5	121.3	122.4	124.1	125.3	126.1	126.8	126.6	126.1	125.1
60.5°	117.7	118.1	118.9	120.1	121.8	123.0	123.9	124.7	124.5	123.9	123.0
61°	115.5	116.0	116.8	117.7	119.6	120.9	121.6	122.3	122.1	121.7	120.7
61.5°	113.0	113.7	114.4	115.5	117.3	118.6	119.4	120.1	119.8	119.4	118.3
62°	110.8	111.4	112.1	113.2	115.2	116.4	117.1	117.7	117.5	117.2	116.2
62.5°	108.4	108.9	109.8	110.8	112.9	114.1	114.9	115.6	115.3	114.8	113.9
63°	105.9	106.6	107.4	108.5	110.6	111.8	112.6	113.1	113.0	112.5	111.4
63.5°	103.6	104.2	105.1	106.2	108.2	109.4	110.2	110.9	110.7	110.1	109.2
64°	101.4	101.8	102.8	103.6	105.9	107.1	107.8	108.6	108.4	107.8	106.8
64.5°	98.9	99.5	100.3	101.4	103.6	104.7	105.5	106.2	106.0	105.5	104.6
65°	96.6	97.2	98.0	99.0	101.2	102.4	103.2	103.7	103.7	103.2	102.2
65.5°	94.1	94.7	95.7	96.7	98.8	100.2	100.9	101.5	101.3	100.9	99.9
66°	91.7	92.3	93.2	94.3	96.8	97.7	98.5	99.2	99.0	98.6	97.5

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



TEST NUMBER: P997163

CATALOG NUMBER: SMX4SLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	84.6	85.4	86.0	87.1	89.4	90.7	91.4	92.0	92.0	91.2	90.2
68°	82.2	83.0	83.7	84.9	87.0	88.2	89.1	89.5	89.6	89.0	87.9
68.5°	79.7	80.5	81.4	82.5	84.8	85.9	86.7	87.1	87.2	86.6	85.5
69°	77.4	78.1	78.9	80.1	82.4	83.6	84.4	84.8	84.8	84.3	83.3
69.5°	75.0	75.6	76.5	77.6	80.0	81.1	82.0	82.5	82.4	81.9	80.9
70°	72.6	73.3	74.0	75.2	77.5	78.7	79.4	80.0	80.1	79.5	78.5
70.5°	70.0	70.8	71.7	72.8	75.1	76.3	77.2	77.6	77.7	77.1	76.0
71°	67.7	68.5	69.2	70.2	72.7	73.9	74.7	75.3	75.3	74.6	73.7
71.5°	65.4	66.0	66.7	67.9	70.1	71.5	72.3	72.7	72.8	72.4	71.2
72°	62.9	63.6	64.3	65.4	67.8	69.1	69.8	70.3	70.4	69.9	68.8
72.5°	60.5	61.1	61.9	63.0	65.4	66.7	67.4	67.8	67.9	67.4	66.3
73°	58.0	58.7	59.6	60.5	62.9	64.3	65.0	65.5	65.5	65.0	63.9
73.5°	55.7	56.4	57.1	58.2	60.6	61.9	62.5	63.0	63.1	62.6	61.4
74°	53.3	54.0	54.7	55.7	58.1	59.4	60.1	60.6	60.8	60.2	59.1
74.5°	51.0	51.7	52.6	53.5	55.7	57.1	57.7	58.2	58.2	57.7	56.7
75°	48.6	49.2	50.0	51.0	53.3	54.6	55.2	55.8	55.9	55.3	54.3
75.5°	46.2	46.8	47.6	48.6	51.0	52.5	53.0	53.3	53.5	53.1	52.0
76°	44.0	44.5	45.2	46.2	48.7	49.9	50.6	51.1	51.2	50.7	49.6
76.5°	41.5	42.1	42.9	43.8	46.3	47.6	48.2	48.7	48.7	48.4	47.3
77°	39.3	39.9	40.6	41.5	44.0	45.2	45.9	46.3	46.4	46.0	44.9
77.5°	37.1	37.5	38.3	39.3	41.7	42.9	43.5	44.0	44.0	43.6	42.6
78°	34.7	35.2	36.0	37.0	39.3	40.6	41.3	41.7	41.7	41.2	40.3
78.5°	32.5	33.0	33.9	34.7	37.1	38.2	38.9	39.4	39.4	39.0	38.0
79°	30.3	30.8	31.5	32.6	34.8	36.0	36.6	37.0	37.0	36.7	35.7
79.5°	28.1	28.6	29.4	30.3	32.6	33.8	34.3	34.8	34.8	34.4	33.4
80°	25.9	26.4	27.1	28.1	30.3	31.5	32.1	32.6	32.6	32.2	31.2
80.5°	23.9	24.3	25.1	25.9	28.2	29.3	29.9	30.3	30.4	30.0	29.1
81°	21.9	22.3	23.1	23.9	26.1	27.2	27.8	28.1	28.4	27.9	27.0
81.5°	20.1	20.4	21.3	21.9	24.0	25.0	25.7	26.0	26.1	25.7	24.8
82°	18.1	18.5	19.2	20.1	22.0	22.9	23.5	24.0	23.9	23.6	22.7
82.5°	16.2	16.6	17.4	18.2	20.2	21.0	21.5	21.9	21.9	21.7	20.8
83°	14.4	14.8	15.5	16.3	18.2	19.2	19.7	20.1	20.1	19.7	19.1
83.5°	12.6	13.0	13.7	14.5	16.3	17.3	17.8	18.1	18.2	17.8	17.1
84°	11.1	11.4	12.1	12.8	14.5	15.4	15.8	16.2	16.3	16.0	15.1
84.5°	9.5	9.8	10.5	11.2	12.7	13.6	14.1	14.4	14.5	14.2	13.4
85°	8.0	8.3	9.0	9.6	11.1	11.8	12.4	12.6	12.7	12.4	11.8
85.5°	6.6	7.0	7.6	8.2	9.5	10.3	10.7	11.0	11.0	10.7	10.1
86°	5.3	5.8	6.3	6.8	8.1	8.7	9.1	9.5	9.4	9.2	8.6
86.5°	4.2	4.5	5.2	5.5	6.6	7.2	7.6	7.8	7.9	7.6	7.2
87°	3.2	3.5	4.0	4.4	5.3	5.9	6.3	6.5	6.5	6.3	5.8
87.5°	2.4	2.7	3.1	3.4	4.3	4.7	4.9	5.2	5.2	5.0	4.6
88°	1.7	1.9	2.3	2.6	3.1	3.6	3.8	4.1	4.1	3.9	3.5
88.5°	1.1	1.3	1.6	1.8	2.1	2.5	2.8	2.9	3.0	2.8	2.5



TEST NUMBER: P997163
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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

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 Peachtree City, GA 30269



TEST NUMBER: P997163

CATALOG NUMBER: SMX4SLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	277.7	277.7	277.7	277.7	277.7	277.7
0.5°	277.6	277.9	277.6	277.7	277.7	277.5
1°	277.5	277.7	277.6	277.8	277.5	277.5
1.5°	277.3	277.7	277.5	277.6	277.4	277.3
2°	277.3	277.6	277.4	277.6	277.2	277.1
2.5°	277.3	277.5	277.5	277.5	277.1	277.0
3°	277.2	277.5	277.4	277.2	277.1	276.9
3.5°	277.2	277.3	277.1	277.1	276.7	276.9
4°	277.0	276.9	276.9	276.9	276.5	276.6
4.5°	276.7	276.9	276.6	276.4	276.1	276.3
5°	276.6	276.6	276.5	276.4	275.8	276.0
5.5°	276.4	276.1	276.0	275.9	275.6	275.6
6°	275.9	275.7	275.6	275.6	275.4	275.3
6.5°	275.6	275.5	275.4	275.4	275.0	274.9
7°	275.3	275.2	274.9	275.0	274.8	274.7
7.5°	274.8	274.9	274.5	274.5	274.3	274.2
8°	274.5	274.6	274.1	274.2	273.8	273.8
8.5°	274.0	274.2	273.7	273.7	273.4	273.4
9°	273.6	273.6	273.3	273.1	272.9	272.9
9.5°	273.2	273.2	272.7	272.8	272.4	272.5
10°	272.9	272.8	272.3	272.3	271.7	272.0
10.5°	272.3	272.3	271.6	271.7	271.0	271.4
11°	271.8	271.7	271.1	271.1	270.5	270.8
11.5°	271.4	271.1	270.5	270.5	269.8	270.3
12°	270.8	270.6	270.1	269.9	269.3	269.8
12.5°	270.0	270.0	269.5	269.1	268.7	269.1
13°	269.5	269.4	268.8	268.6	268.2	268.3
13.5°	268.8	268.6	267.9	267.9	267.5	267.5
14°	268.0	268.0	267.4	267.1	266.8	266.9
14.5°	267.4	267.2	266.7	266.4	266.2	266.2
15°	266.6	266.3	265.7	265.8	265.5	265.5
15.5°	265.8	265.7	265.1	264.9	264.5	264.5
16°	265.2	264.9	264.1	264.1	263.6	263.8
16.5°	264.5	264.0	263.4	263.2	262.8	262.9
17°	263.6	263.1	262.6	262.3	262.0	262.0
17.5°	262.7	262.3	261.6	261.6	261.0	260.8
18°	262.0	261.4	260.7	260.6	260.3	260.0
18.5°	261.2	260.6	260.0	259.7	259.3	259.0
19°	260.2	259.8	259.0	258.7	258.2	258.2
19.5°	259.1	258.6	258.0	257.8	257.4	257.0
20°	258.3	257.8	257.1	256.6	256.5	256.2
20.5°	257.2	256.7	256.2	255.6	255.3	255.0
21°	256.2	255.6	255.1	254.8	254.5	254.2



TEST NUMBER: P997163

CATALOG NUMBER: SMX4SLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	253.2	252.4	252.0	251.5	251.0	251.2
23°	252.1	251.3	250.9	250.4	249.9	249.9
23.5°	251.0	250.3	249.8	249.1	248.7	248.8
24°	249.9	249.1	248.6	248.2	247.6	247.7
24.5°	248.7	247.8	247.5	246.9	246.5	246.6
25°	247.5	246.8	246.1	245.8	245.6	245.4
25.5°	246.4	245.6	245.0	244.7	244.2	244.0
26°	245.2	244.6	243.9	243.5	242.9	242.7
26.5°	244.0	243.3	242.5	242.1	241.6	241.6
27°	242.7	242.2	241.2	241.0	240.5	240.5
27.5°	241.6	240.8	240.0	239.8	239.1	238.9
28°	240.2	239.5	238.7	238.4	237.7	237.8
28.5°	238.9	238.1	237.4	236.9	236.3	236.6
29°	237.6	236.7	236.0	235.7	234.9	235.2
29.5°	236.3	235.5	234.7	234.2	233.6	233.7
30°	234.8	234.1	233.5	233.0	232.2	232.4
30.5°	233.4	232.7	232.0	231.5	230.8	230.9
31°	232.1	231.3	230.5	229.9	229.4	229.6
31.5°	230.7	229.8	229.3	228.6	227.8	228.1
32°	229.3	228.4	227.5	227.2	226.5	226.6
32.5°	227.9	226.9	226.1	225.5	225.0	225.0
33°	226.4	225.5	224.9	224.1	223.5	223.6
33.5°	224.9	224.0	223.3	222.5	222.1	222.1
34°	223.3	222.4	221.8	221.2	220.5	220.7
34.5°	221.8	220.8	220.2	219.6	218.8	219.1
35°	220.3	219.4	218.5	217.8	217.4	217.4
35.5°	218.9	217.7	217.0	216.3	215.6	215.9
36°	217.2	216.2	215.3	214.7	214.2	214.3
36.5°	215.5	214.5	213.7	213.0	212.7	212.8
37°	214.0	213.1	212.3	211.6	210.9	211.2
37.5°	212.4	211.3	210.8	209.9	209.3	209.6
38°	210.9	209.8	208.9	208.3	207.6	207.9
38.5°	209.2	208.2	207.3	206.5	205.9	206.2
39°	207.4	206.3	205.4	204.8	204.4	204.4
39.5°	205.8	204.7	203.8	203.0	202.6	202.6
40°	204.0	203.2	201.9	201.5	200.9	201.0
40.5°	202.3	201.4	200.2	199.6	199.0	199.1
41°	200.4	199.6	198.4	198.0	197.4	197.4
41.5°	198.8	197.8	196.7	196.1	195.5	195.7
42°	197.1	196.1	195.0	194.2	193.7	193.9
42.5°	195.3	194.1	193.1	192.6	191.9	191.9
43°	193.4	192.4	191.3	190.5	190.0	190.2
43.5°	191.6	190.5	189.4	188.6	188.2	188.4

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 Peachtree City, GA 30269



TEST NUMBER: P997163

CATALOG NUMBER: SMX4SLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	186.1	184.8	183.7	183.3	182.6	182.6
45.5°	184.2	183.0	182.0	181.4	180.7	180.7
46°	182.2	181.1	180.2	179.4	178.8	179.0
46.5°	180.5	179.1	178.1	177.5	177.0	177.0
47°	178.5	177.3	176.2	175.6	175.0	175.1
47.5°	176.5	175.5	174.3	173.5	173.0	173.2
48°	174.7	173.4	172.4	171.5	171.1	171.2
48.5°	172.7	171.5	170.4	169.6	169.0	169.2
49°	170.8	169.5	168.4	167.5	167.1	167.0
49.5°	168.7	167.5	166.4	165.6	165.1	165.1
50°	166.7	165.4	164.3	163.5	163.0	162.9
50.5°	164.8	163.5	162.3	161.4	161.0	160.8
51°	162.6	161.3	160.1	159.4	159.0	158.8
51.5°	160.6	159.4	158.1	157.5	156.9	156.9
52°	158.6	157.5	155.9	155.2	154.8	154.9
52.5°	156.5	155.3	153.9	153.4	152.6	152.8
53°	154.4	153.2	151.7	151.2	150.6	150.7
53.5°	152.4	150.9	149.6	149.1	148.6	148.7
54°	150.3	149.0	147.5	147.0	146.4	146.5
54.5°	148.2	146.9	145.6	144.9	144.3	144.4
55°	146.2	144.8	143.5	142.7	142.1	142.1
55.5°	144.0	142.4	141.2	140.6	140.0	140.0
56°	142.0	140.3	139.1	138.2	137.8	137.9
56.5°	139.6	138.1	136.9	136.1	135.8	135.6
57°	137.6	135.9	134.6	133.8	133.5	133.6
57.5°	135.4	133.7	132.4	131.6	131.3	131.2
58°	133.3	131.6	130.2	129.5	129.1	129.0
58.5°	131.0	129.2	127.9	127.2	126.7	126.6
59°	128.9	127.0	125.7	125.0	124.5	124.4
59.5°	126.5	124.6	123.3	122.5	122.1	121.9
60°	124.3	122.4	121.1	120.4	119.9	119.8
60.5°	122.1	120.0	118.8	118.0	117.5	117.7
61°	119.9	117.9	116.6	115.9	115.5	115.5
61.5°	117.6	115.4	114.3	113.6	113.1	113.0
62°	115.4	113.1	112.0	111.3	110.6	110.8
62.5°	113.2	110.7	109.6	108.9	108.3	108.4
63°	110.9	108.6	107.2	106.6	106.0	105.9
63.5°	108.5	106.0	104.9	104.1	103.6	103.6
64°	106.1	103.8	102.6	101.8	101.3	101.4
64.5°	103.7	101.4	100.2	99.5	99.0	98.9
65°	101.4	99.2	97.9	97.2	96.6	96.6
65.5°	98.9	96.5	95.4	94.6	94.2	94.1
66°	96.5	94.3	93.0	92.2	91.9	91.7

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 Peachtree City, GA 30269



TEST NUMBER: P997163

CATALOG NUMBER: SMX4SLSFS010-800LM-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	89.4	87.1	85.8	85.2	84.8	84.6
68°	86.9	84.8	83.5	82.7	82.3	82.2
68.5°	84.7	82.4	81.2	80.2	79.9	79.7
69°	82.2	80.0	78.7	78.0	77.6	77.4
69.5°	79.9	77.4	76.3	75.5	75.1	75.0
70°	77.4	75.1	73.9	73.1	72.7	72.6
70.5°	75.0	72.7	71.5	70.6	70.2	70.0
71°	72.7	70.4	69.1	68.3	67.8	67.7
71.5°	70.1	67.8	66.7	65.9	65.2	65.4
72°	67.7	65.5	64.2	63.4	62.9	62.9
72.5°	65.3	63.0	61.9	60.9	60.4	60.5
73°	62.9	60.6	59.4	58.6	58.0	58.0
73.5°	60.4	58.1	57.1	56.1	55.6	55.7
74°	58.0	55.9	54.6	53.8	53.3	53.3
74.5°	55.7	53.4	52.3	51.6	50.8	51.0
75°	53.4	50.9	49.9	49.0	48.7	48.6
75.5°	51.0	48.6	47.5	46.7	46.1	46.2
76°	48.7	46.4	45.1	44.3	43.9	44.0
76.5°	46.3	43.9	42.7	41.9	41.5	41.5
77°	44.0	41.6	40.5	39.6	39.1	39.3
77.5°	41.6	39.3	38.2	37.4	36.9	37.1
78°	39.2	37.1	35.8	35.1	34.6	34.7
78.5°	36.8	34.8	33.6	32.9	32.3	32.5
79°	34.7	32.6	31.4	30.6	30.2	30.3
79.5°	32.6	30.4	29.2	28.5	28.1	28.1
80°	30.4	28.2	27.0	26.4	25.9	25.9
80.5°	28.1	26.1	25.1	24.3	23.9	23.9
81°	26.0	24.0	23.0	22.2	21.8	21.9
81.5°	24.0	22.0	21.1	20.4	20.0	20.1
82°	22.0	20.2	19.1	18.4	18.0	18.1
82.5°	20.1	18.3	17.2	16.6	16.2	16.2
83°	18.3	16.4	15.3	14.8	14.4	14.4
83.5°	16.3	14.5	13.6	13.1	12.7	12.6
84°	14.5	12.8	12.0	11.4	11.0	11.1
84.5°	12.7	11.1	10.3	9.8	9.4	9.5
85°	11.1	9.5	8.9	8.3	8.1	8.0
85.5°	9.5	8.2	7.3	7.0	6.6	6.6
86°	8.0	6.7	6.1	5.7	5.3	5.3
86.5°	6.6	5.4	5.0	4.5	4.2	4.2
87°	5.4	4.4	3.8	3.4	3.2	3.2
87.5°	4.1	3.4	2.8	2.6	2.4	2.4
88°	3.1	2.5	2.1	1.8	1.6	1.7
88.5°	2.1	1.8	1.4	1.2	1.1	1.1

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Scaled Data Report



TEST NUMBER: P997163
CATALOG NUMBER: SMX4SLSFS010-800LM-3500K

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°	253.0	253.7	253.9	254.2	255.3	256.1	256.2	256.5	256.3	256.2	255.7
22°	252.4	252.6	252.8	253.3	254.4	255.2	255.2	255.5	255.2	255.4	254.8

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44°	186.5	187.1	187.5	188.3	190.1	191.0	191.5	191.9	191.9	191.5	190.6
44.5°	184.6	185.3	185.7	186.5	188.4	189.2	189.7	190.1	190.0	189.8	188.8

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66.5°	89.3	89.9	90.7	91.9	94.2	95.3	96.1	96.8	96.7	96.1	95.1
67°	86.8	87.6	88.4	89.4	91.8	93.1	93.8	94.4	94.3	93.6	92.8

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89°	0.6	0.8	1.1	1.2	1.4	1.6	1.8	2.0	2.0	1.9	1.7
89.5°	0.3	0.4	0.6	0.8	0.7	1.0	1.1	1.4	1.3	1.3	0.9

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21.5°	255.2	254.5	253.9	253.9	253.2	253.0
22°	254.2	253.6	252.9	252.7	251.9	252.4

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44°	189.8	188.6	187.5	186.8	186.5	186.5
44.5°	187.9	186.8	185.6	185.1	184.5	184.6

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66.5°	94.2	91.7	90.6	89.7	89.5	89.3
67°	91.8	89.5	88.4	87.5	87.1	86.8

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89°	1.5	1.2	0.9	0.8	0.6	0.6
89.5°	0.7	0.8	0.5	0.4	0.2	0.3

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(END OF REPORT)