

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: P997162

Luminaire Tested: **SMX4SLSFS010-800LM-3000K**

Issue Date: 3/11/2025



Test Information

Test Method: LM-41-14
Report Number: P997162
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-3000K
Description: 4IN SQAURE, 90CRI, 0-10V DIMMING, DAMP LOCATION
Light Source: SELECTABLE CCT 90CRI / 3000K CCT
Ballast/Driver: -

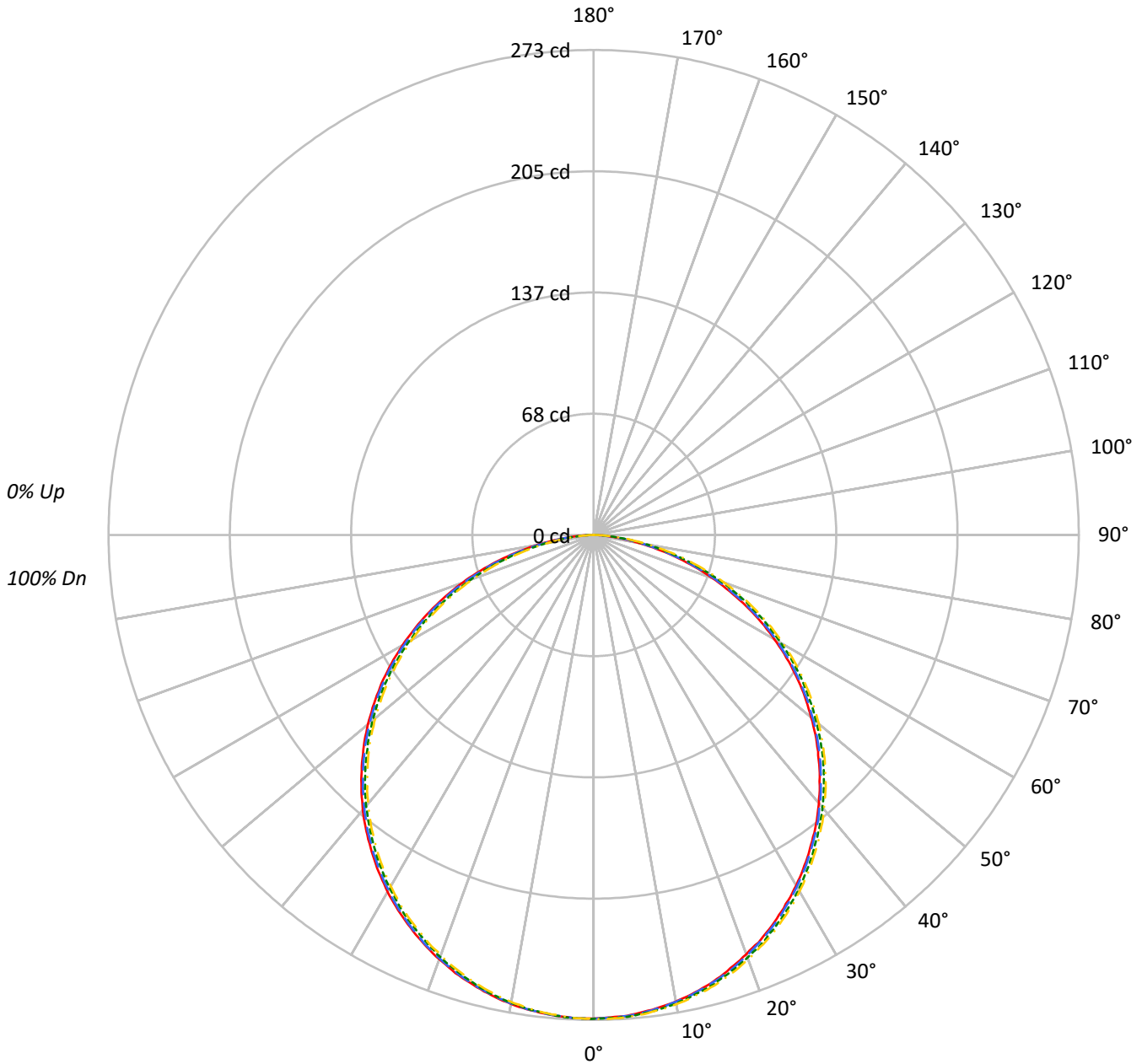
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 777.5 lumens
Efficiency: N/A
Efficacy: 90.4 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	0					
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	94	97	94	91	94	91	89	90	88	86	84								
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70								
3	90	79	71	65	88	78	70	64	75	68	63	72	66	62	69	65	61	59								
4	82	70	61	55	80	69	61	54	66	59	54	64	58	53	62	57	52	50								
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	43								
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	38								
7	65	51	42	36	63	50	42	36	49	41	36	47	41	35	46	40	35	33								
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	30								
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27								
10	53	39	32	26	51	39	31	26	38	31	26	37	31	26	36	30	26	24								

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	26915	26915	26915	26915
5°	26849	26928	26918	26908
10°	26768	26898	26908	26848
15°	26636	26800	26820	26718
20°	26423	26633	26738	26580
25°	26240	26480	26600	26393
30°	26011	26331	26479	26205
35°	25726	26075	26269	25955
40°	25432	25845	26077	25703
45°	25035	25553	25790	25343
50°	24573	25142	25495	24942
55°	24005	24712	25125	24470
60°	23228	24058	24552	23722
65°	22148	23201	23786	22733
70°	20576	21964	22686	21299
75°	18216	19935	20928	19057
80°	14458	16906	18215	15767
85°	8846	12362	14063	10660



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.8	3.3
10°-20°	73.7	9.5
20°-30°	111.7	14.4
30°-40°	134.8	17.3
40°-50°	140.3	18.0
50°-60°	127.3	16.4
60°-70°	97.1	12.5
70°-80°	54.2	7.0
80°-90°	12.6	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°	211.2	27.2
0°-40°	346.1	44.5
0°-60°	613.6	78.9
0°-90°	777.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	777.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	272	272	272	272	272	
5°	271	271	271	271	271	26
15°	260	262	262	261	260	73
25°	241	243	244	242	241	111
35°	213	216	218	215	213	133
45°	179	183	184	181	179	138
55°	139	143	146	142	139	124
65°	95	99	102	97	95	94
75°	48	52	55	50	48	50
85°	8	11	12	9	8	10
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°	272.3	272.3	272.3	272.3	272.3	272.3	272.3	272.3	272.3	272.3	272.3
0.5°	272.1	272.1	272.3	272.2	272.3	272.2	272.6	272.3	272.3	272.4	272.2
1°	272.1	272.1	272.1	272.1	272.3	272.1	272.6	272.4	272.3	272.4	272.2
1.5°	271.9	272.2	272.0	271.9	272.2	272.3	272.6	272.3	272.2	272.3	272.2
2°	271.8	272.1	271.9	271.8	272.1	272.4	272.6	272.3	272.1	272.3	272.1
2.5°	271.6	272.0	271.8	271.8	272.1	272.2	272.4	272.2	272.1	272.2	272.1
3°	271.5	271.9	271.8	271.7	272.1	271.9	272.4	272.1	271.9	272.0	271.9
3.5°	271.5	271.7	271.5	271.6	271.8	271.8	272.3	271.9	271.8	272.0	271.8
4°	271.3	271.5	271.5	271.4	271.9	271.7	271.9	271.8	271.6	271.9	271.5
4.5°	271.0	271.3	271.2	271.1	271.7	271.5	271.9	271.6	271.6	271.8	271.4
5°	270.6	271.0	270.8	270.9	271.4	271.3	271.6	271.4	271.3	271.6	271.3
5.5°	270.3	270.5	270.7	270.8	271.0	271.2	271.4	271.3	271.1	271.4	271.1
6°	269.9	270.3	270.3	270.5	270.7	270.9	271.3	270.8	270.8	271.1	270.7
6.5°	269.5	270.0	269.9	270.1	270.6	270.6	270.9	270.7	270.6	270.9	270.5
7°	269.4	269.6	269.6	269.8	270.3	270.3	270.4	270.6	270.2	270.6	270.1
7.5°	268.9	269.2	269.1	269.4	270.0	270.0	270.1	270.2	270.0	270.1	269.8
8°	268.5	268.9	268.8	268.9	269.5	269.7	269.9	269.8	269.7	269.8	269.5
8.5°	268.1	268.4	268.4	268.4	269.1	269.3	269.5	269.4	269.3	269.4	269.1
9°	267.6	267.9	268.0	268.0	268.7	268.8	269.2	269.0	269.0	269.0	268.6
9.5°	267.2	267.5	267.3	267.6	268.3	268.4	268.7	268.5	268.6	268.7	268.4
10°	266.7	266.8	266.9	267.0	268.0	268.0	268.3	268.1	268.1	268.4	267.8
10.5°	266.1	266.2	266.4	266.7	267.2	267.6	267.8	267.6	267.5	267.8	267.4
11°	265.5	265.8	265.9	265.9	266.6	267.0	267.4	267.1	267.2	267.2	266.7
11.5°	265.1	265.1	265.3	265.4	266.2	266.5	266.8	266.6	266.6	266.7	266.4
12°	264.5	264.6	264.8	264.8	265.6	265.9	266.2	266.1	266.0	266.1	265.7
12.5°	263.8	263.9	264.0	264.3	264.8	265.1	265.4	265.6	265.5	265.7	265.2
13°	263.1	263.3	263.4	263.6	264.3	264.7	265.0	264.9	264.8	265.1	264.5
13.5°	262.3	262.7	262.7	263.0	263.7	264.1	264.5	264.4	264.3	264.3	263.9
14°	261.7	262.0	262.1	262.4	263.0	263.4	263.9	263.7	263.5	263.7	263.2
14.5°	261.1	261.1	261.3	261.5	262.3	262.7	263.2	263.0	262.9	263.1	262.6
15°	260.3	260.5	260.6	260.7	261.9	262.1	262.6	262.4	262.1	262.4	261.8
15.5°	259.4	259.7	259.9	260.1	260.8	261.2	261.8	261.7	261.4	261.7	261.2
16°	258.7	258.9	259.1	259.2	260.0	260.8	261.1	261.1	260.8	261.1	260.4
16.5°	257.8	257.9	258.3	258.5	259.2	259.9	260.3	260.3	260.1	260.3	259.7
17°	256.9	257.2	257.5	257.7	258.5	259.0	259.4	259.5	259.3	259.3	258.9
17.5°	255.7	256.4	256.7	256.9	257.6	258.2	258.7	258.7	258.6	258.6	258.0
18°	254.9	255.6	255.9	256.0	256.9	257.5	257.9	257.7	257.6	257.7	257.1
18.5°	254.0	254.6	254.8	255.3	255.9	256.7	257.1	257.0	256.8	256.9	256.4
19°	253.2	253.7	253.9	254.3	255.0	255.8	256.1	256.2	255.8	256.0	255.4
19.5°	252.0	252.7	253.0	253.4	254.2	254.8	255.1	255.1	255.0	255.1	254.6
20°	251.2	251.8	252.0	252.5	253.2	254.0	254.1	254.1	254.2	254.1	253.6
20.5°	250.0	250.7	251.0	251.6	252.2	253.0	253.4	253.3	253.4	253.2	252.8
21°	249.2	249.8	250.0	250.4	251.2	252.1	252.2	252.3	252.3	252.2	251.8

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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°	246.3	246.6	246.9	247.3	248.4	249.1	249.5	249.5	249.3	249.5	248.9
23°	245.1	245.6	245.8	246.1	247.3	248.2	248.4	248.5	248.2	248.5	247.7
23.5°	244.0	244.5	244.7	245.1	246.1	246.9	247.4	247.3	247.2	247.4	246.6
24°	242.9	243.3	243.8	244.0	245.0	245.7	246.3	246.2	246.2	246.3	245.5
24.5°	241.8	242.1	242.5	242.9	244.0	244.7	245.2	245.2	245.1	245.1	244.5
25°	240.6	241.1	241.3	241.7	242.8	243.7	244.0	244.0	243.9	244.1	243.3
25.5°	239.3	239.8	240.2	240.7	241.6	242.5	242.9	242.9	242.8	242.9	242.3
26°	238.0	238.7	239.2	239.6	240.5	241.3	241.6	241.9	241.7	241.6	241.0
26.5°	236.9	237.5	237.9	238.3	239.4	240.1	240.6	240.7	240.5	240.5	240.0
27°	235.8	236.2	236.4	237.1	238.1	239.0	239.4	239.5	239.4	239.4	238.7
27.5°	234.2	234.8	235.1	235.9	236.9	237.7	238.1	238.4	238.2	238.1	237.5
28°	233.2	233.6	234.0	234.5	235.6	236.4	236.9	236.9	237.0	236.9	236.3
28.5°	232.0	232.3	232.7	233.2	234.4	235.1	235.7	235.8	235.8	235.7	235.0
29°	230.6	231.1	231.4	231.8	233.2	233.9	234.4	234.4	234.5	234.4	233.7
29.5°	229.2	229.8	230.0	230.6	231.9	232.5	233.1	233.1	233.3	233.1	232.5
30°	227.9	228.4	228.7	229.2	230.7	231.2	231.7	231.9	232.0	231.9	230.9
30.5°	226.4	226.9	227.3	227.9	229.2	229.9	230.4	230.6	230.6	230.3	229.6
31°	225.1	225.6	225.9	226.4	227.8	228.7	229.1	229.2	229.1	229.0	228.3
31.5°	223.7	224.2	224.4	225.1	226.3	227.2	227.6	227.9	227.8	227.6	227.0
32°	222.2	222.7	223.1	223.6	224.9	225.7	226.2	226.3	226.4	226.3	225.5
32.5°	220.6	221.2	221.7	222.3	223.6	224.4	224.9	224.9	225.0	224.8	224.2
33°	219.3	219.7	220.2	220.9	222.2	223.0	223.6	223.6	223.7	223.4	222.6
33.5°	217.8	218.3	218.6	219.3	220.6	221.2	222.1	222.0	222.1	221.9	221.1
34°	216.4	216.8	217.2	217.8	219.2	219.8	220.5	220.6	220.7	220.4	219.6
34.5°	214.8	215.3	215.7	216.3	217.7	218.4	218.9	219.2	219.2	219.0	218.3
35°	213.2	213.8	214.1	214.7	216.1	217.0	217.5	217.6	217.7	217.5	216.6
35.5°	211.7	212.2	212.6	213.3	214.4	215.5	216.0	216.1	216.2	215.9	215.2
36°	210.1	210.6	211.1	211.8	212.9	214.0	214.5	214.6	214.7	214.4	213.6
36.5°	208.7	209.1	209.5	210.2	211.5	212.3	213.0	213.1	213.2	213.0	212.1
37°	207.1	207.5	208.0	208.6	209.9	210.8	211.4	211.7	211.5	211.3	210.5
37.5°	205.5	205.9	206.4	207.1	208.4	209.4	209.7	210.2	210.1	209.8	209.2
38°	203.9	204.3	204.8	205.3	206.8	207.9	208.2	208.7	208.5	208.3	207.4
38.5°	202.2	202.5	203.2	203.8	205.2	206.2	206.7	206.9	207.0	206.6	205.8
39°	200.4	200.9	201.4	202.2	203.6	204.6	205.1	205.3	205.5	204.9	204.1
39.5°	198.7	199.1	199.6	200.5	202.1	202.8	203.4	203.6	203.8	203.4	202.6
40°	197.1	197.6	198.0	198.6	200.3	201.1	201.7	202.1	202.1	201.6	200.8
40.5°	195.3	195.8	196.3	197.1	198.6	199.5	199.9	200.4	200.4	200.0	199.2
41°	193.6	194.1	194.6	195.3	197.0	197.8	198.3	198.6	198.6	198.4	197.3
41.5°	191.9	192.4	192.9	193.7	195.2	196.1	196.5	197.0	196.9	196.6	195.6
42°	190.1	190.7	191.0	191.9	193.5	194.3	195.0	195.2	195.2	194.9	194.0
42.5°	188.2	188.8	189.3	190.2	191.7	192.4	193.3	193.4	193.5	193.2	192.2
43°	186.5	187.2	187.6	188.4	190.0	190.9	191.4	191.7	191.7	191.4	190.3
43.5°	184.8	185.3	185.7	186.6	188.2	189.0	189.6	190.0	190.0	189.7	188.7

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	179.1	179.8	180.3	181.1	182.8	183.7	184.3	184.6	184.5	184.3	183.3
45.5°	177.2	178.0	178.4	179.4	181.1	181.8	182.5	182.7	182.7	182.5	181.7
46°	175.5	176.2	176.7	177.4	179.1	180.0	180.6	180.9	180.8	180.5	179.6
46.5°	173.6	174.2	174.8	175.5	177.3	178.1	178.6	179.1	179.0	178.7	177.9
47°	171.7	172.3	172.7	173.6	175.3	176.3	176.9	177.4	177.2	177.0	176.0
47.5°	169.8	170.3	170.9	171.8	173.3	174.4	174.9	175.4	175.4	175.0	174.1
48°	167.9	168.4	169.0	169.8	171.3	172.5	173.0	173.5	173.6	173.2	172.1
48.5°	165.9	166.5	167.1	167.9	169.4	170.6	171.2	171.5	171.6	171.3	170.3
49°	163.7	164.7	165.1	165.8	167.4	168.5	169.3	169.6	169.6	169.3	168.3
49.5°	161.9	162.5	163.1	164.0	165.5	166.7	167.4	167.7	167.6	167.4	166.5
50°	159.8	160.5	161.1	162.1	163.5	164.9	165.4	165.8	165.8	165.5	164.4
50.5°	157.7	158.5	159.0	160.0	161.6	162.8	163.3	163.8	163.8	163.4	162.4
51°	155.7	156.5	157.1	158.0	159.6	160.8	161.4	161.8	161.8	161.6	160.4
51.5°	153.8	154.4	155.1	155.9	157.7	158.7	159.5	159.7	159.7	159.5	158.4
52°	151.8	152.5	153.1	153.9	155.6	156.6	157.4	157.8	157.9	157.5	156.4
52.5°	149.8	150.3	151.1	151.9	153.4	154.7	155.4	155.7	155.8	155.4	154.4
53°	147.8	148.3	148.9	150.0	151.4	152.7	153.4	153.7	153.8	153.4	152.4
53.5°	145.8	146.3	146.9	147.6	149.5	150.6	151.2	151.5	151.8	151.2	150.4
54°	143.7	144.3	144.9	145.6	147.3	148.6	149.3	149.4	149.6	149.3	148.3
54.5°	141.6	142.1	142.8	143.7	145.5	146.6	147.2	147.4	147.6	147.3	146.3
55°	139.3	140.0	140.7	141.6	143.4	144.6	145.2	145.5	145.8	145.3	144.4
55.5°	137.3	137.8	138.6	139.6	141.4	142.5	143.2	143.4	143.6	143.2	142.3
56°	135.2	135.7	136.4	137.4	139.3	140.3	141.0	141.3	141.4	141.1	140.1
56.5°	133.0	133.5	134.2	135.2	137.0	138.2	138.9	139.3	139.3	138.9	137.9
57°	131.0	131.4	132.0	133.0	135.0	136.0	136.9	137.1	137.1	136.7	135.7
57.5°	128.6	129.2	129.9	130.9	132.9	133.8	134.7	134.9	135.0	134.6	133.6
58°	126.5	127.0	127.7	128.7	130.6	131.8	132.5	132.8	132.9	132.4	131.5
58.5°	124.2	124.8	125.4	126.5	128.5	129.7	130.4	130.8	130.7	130.4	129.4
59°	121.9	122.6	123.3	124.3	126.3	127.3	128.1	128.7	128.4	128.1	127.2
59.5°	119.6	120.4	121.0	122.2	123.9	125.0	125.9	126.5	126.3	125.9	125.0
60°	117.5	118.2	119.0	120.0	121.7	122.9	123.7	124.3	124.2	123.7	122.7
60.5°	115.4	115.8	116.6	117.7	119.4	120.7	121.5	122.3	122.0	121.5	120.6
61°	113.2	113.8	114.5	115.5	117.2	118.5	119.2	120.0	119.7	119.4	118.3
61.5°	110.8	111.5	112.2	113.2	115.0	116.3	117.0	117.8	117.5	117.1	116.0
62°	108.6	109.3	110.0	111.0	113.0	114.2	114.8	115.4	115.2	114.9	114.0
62.5°	106.3	106.8	107.6	108.7	110.7	111.9	112.7	113.4	113.1	112.6	111.7
63°	103.9	104.5	105.3	106.4	108.5	109.6	110.4	110.9	110.8	110.4	109.2
63.5°	101.6	102.2	103.0	104.1	106.1	107.2	108.1	108.7	108.6	108.0	107.1
64°	99.4	99.9	100.8	101.6	103.8	105.0	105.7	106.5	106.3	105.7	104.7
64.5°	97.0	97.6	98.4	99.5	101.6	102.7	103.5	104.1	104.0	103.4	102.5
65°	94.7	95.3	96.1	97.1	99.2	100.4	101.2	101.7	101.7	101.2	100.2
65.5°	92.2	92.9	93.8	94.9	96.9	98.3	98.9	99.5	99.4	98.9	97.9
66°	89.9	90.5	91.3	92.4	94.9	95.8	96.5	97.3	97.0	96.7	95.6

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



TEST NUMBER: P997162

CATALOG NUMBER: SMX4SLSFS010-800LM-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	82.9	83.7	84.3	85.4	87.7	89.0	89.7	90.3	90.2	89.5	88.5
68°	80.6	81.3	82.1	83.2	85.3	86.5	87.3	87.8	87.9	87.3	86.2
68.5°	78.2	79.0	79.8	80.9	83.2	84.2	85.0	85.4	85.5	84.9	83.9
69°	75.9	76.6	77.4	78.5	80.8	82.0	82.8	83.2	83.2	82.7	81.7
69.5°	73.5	74.2	75.0	76.1	78.4	79.5	80.4	80.9	80.8	80.3	79.3
70°	71.2	71.9	72.6	73.7	76.0	77.2	77.9	78.4	78.5	78.0	77.0
70.5°	68.7	69.4	70.3	71.3	73.7	74.9	75.7	76.1	76.2	75.6	74.6
71°	66.4	67.1	67.9	68.9	71.3	72.5	73.2	73.8	73.9	73.2	72.2
71.5°	64.1	64.7	65.4	66.5	68.8	70.1	70.9	71.3	71.4	71.0	69.8
72°	61.7	62.4	63.1	64.2	66.4	67.8	68.4	69.0	69.0	68.6	67.5
72.5°	59.3	60.0	60.7	61.8	64.1	65.4	66.1	66.5	66.6	66.1	65.0
73°	56.9	57.6	58.4	59.4	61.7	63.0	63.7	64.2	64.2	63.7	62.6
73.5°	54.6	55.3	56.0	57.0	59.4	60.7	61.3	61.8	61.9	61.4	60.2
74°	52.2	52.9	53.6	54.7	57.0	58.3	58.9	59.4	59.6	59.0	58.0
74.5°	50.0	50.7	51.5	52.5	54.7	56.0	56.6	57.1	57.1	56.6	55.6
75°	47.7	48.2	49.0	50.0	52.2	53.5	54.2	54.7	54.8	54.2	53.3
75.5°	45.3	45.9	46.7	47.7	50.0	51.5	52.0	52.3	52.5	52.0	51.0
76°	43.1	43.7	44.3	45.3	47.7	48.9	49.6	50.1	50.2	49.7	48.7
76.5°	40.7	41.3	42.0	43.0	45.4	46.7	47.3	47.7	47.8	47.5	46.3
77°	38.5	39.1	39.8	40.7	43.1	44.3	45.0	45.4	45.5	45.1	44.0
77.5°	36.4	36.8	37.5	38.5	40.9	42.1	42.7	43.2	43.1	42.7	41.8
78°	34.1	34.5	35.3	36.3	38.6	39.8	40.5	40.9	40.9	40.4	39.5
78.5°	31.9	32.3	33.2	34.1	36.3	37.5	38.1	38.6	38.7	38.3	37.3
79°	29.7	30.2	30.9	31.9	34.1	35.3	35.9	36.3	36.3	36.0	35.0
79.5°	27.6	28.1	28.8	29.7	32.0	33.1	33.6	34.1	34.1	33.7	32.7
80°	25.4	25.9	26.6	27.6	29.7	30.9	31.4	32.0	32.0	31.5	30.6
80.5°	23.4	23.9	24.6	25.4	27.7	28.7	29.3	29.7	29.8	29.5	28.6
81°	21.5	21.8	22.6	23.4	25.6	26.7	27.3	27.6	27.8	27.4	26.5
81.5°	19.7	20.0	20.8	21.5	23.5	24.5	25.2	25.5	25.6	25.2	24.4
82°	17.8	18.1	18.9	19.7	21.5	22.4	23.0	23.5	23.4	23.1	22.3
82.5°	15.9	16.3	17.1	17.8	19.8	20.6	21.1	21.5	21.5	21.2	20.4
83°	14.1	14.6	15.2	16.0	17.9	18.8	19.3	19.7	19.7	19.3	18.7
83.5°	12.4	12.8	13.5	14.2	16.0	16.9	17.5	17.7	17.8	17.5	16.8
84°	10.9	11.2	11.9	12.6	14.2	15.1	15.5	15.9	16.0	15.7	14.8
84.5°	9.3	9.6	10.3	11.0	12.5	13.3	13.9	14.1	14.2	13.9	13.2
85°	7.8	8.1	8.8	9.4	10.9	11.6	12.1	12.4	12.4	12.1	11.6
85.5°	6.5	6.8	7.4	8.0	9.3	10.1	10.5	10.7	10.8	10.5	9.9
86°	5.2	5.7	6.2	6.7	7.9	8.5	8.9	9.3	9.2	9.0	8.4
86.5°	4.1	4.4	5.1	5.4	6.4	7.1	7.4	7.7	7.7	7.5	7.1
87°	3.2	3.4	3.9	4.3	5.2	5.8	6.1	6.4	6.4	6.2	5.7
87.5°	2.3	2.6	3.1	3.3	4.2	4.6	4.8	5.1	5.1	4.9	4.5
88°	1.6	1.9	2.3	2.5	3.0	3.5	3.8	4.0	4.0	3.8	3.4
88.5°	1.1	1.3	1.6	1.8	2.1	2.5	2.7	2.8	2.9	2.7	2.5

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

Scaled Data Report



TEST NUMBER: P997162
CATALOG NUMBER: SMX4SLSFS010-800LM-3000K

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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 1121 Highway 74 South
 Peachtree City, GA 30269



TEST NUMBER: P997162

CATALOG NUMBER: SMX4SLSFS010-800LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	272.3	272.3	272.3	272.3	272.3	272.3
0.5°	272.2	272.6	272.2	272.3	272.3	272.1
1°	272.1	272.3	272.2	272.4	272.1	272.1
1.5°	271.9	272.3	272.1	272.2	272.0	271.9
2°	271.9	272.2	272.0	272.2	271.8	271.8
2.5°	271.9	272.1	272.1	272.1	271.8	271.6
3°	271.8	272.1	272.0	271.8	271.7	271.5
3.5°	271.8	271.9	271.7	271.7	271.3	271.5
4°	271.6	271.5	271.5	271.5	271.1	271.3
4.5°	271.3	271.5	271.3	271.0	270.8	271.0
5°	271.2	271.2	271.1	271.0	270.4	270.6
5.5°	271.0	270.8	270.7	270.6	270.3	270.3
6°	270.6	270.4	270.3	270.3	270.0	269.9
6.5°	270.2	270.1	270.0	270.0	269.7	269.5
7°	270.0	269.9	269.6	269.7	269.4	269.4
7.5°	269.4	269.6	269.2	269.2	268.9	268.9
8°	269.1	269.3	268.8	268.9	268.5	268.5
8.5°	268.7	268.8	268.4	268.4	268.1	268.1
9°	268.3	268.3	267.9	267.8	267.6	267.6
9.5°	267.9	267.9	267.5	267.5	267.1	267.2
10°	267.6	267.5	267.0	267.0	266.5	266.7
10.5°	267.0	267.0	266.4	266.4	265.7	266.1
11°	266.5	266.5	265.9	265.8	265.3	265.5
11.5°	266.1	265.8	265.3	265.3	264.6	265.1
12°	265.5	265.3	264.8	264.7	264.1	264.5
12.5°	264.8	264.7	264.3	263.9	263.5	263.8
13°	264.2	264.2	263.5	263.4	263.0	263.1
13.5°	263.6	263.3	262.7	262.7	262.3	262.3
14°	262.8	262.8	262.2	261.9	261.6	261.7
14.5°	262.2	262.0	261.5	261.3	261.0	261.1
15°	261.4	261.1	260.6	260.7	260.3	260.3
15.5°	260.7	260.5	259.9	259.7	259.4	259.4
16°	260.1	259.7	258.9	259.0	258.5	258.7
16.5°	259.3	258.9	258.3	258.1	257.7	257.8
17°	258.5	258.0	257.5	257.2	256.9	256.9
17.5°	257.6	257.2	256.5	256.5	255.9	255.7
18°	256.9	256.3	255.7	255.6	255.3	254.9
18.5°	256.1	255.5	254.9	254.7	254.2	254.0
19°	255.2	254.7	254.0	253.7	253.2	253.2
19.5°	254.1	253.6	253.0	252.8	252.4	252.0
20°	253.2	252.7	252.1	251.7	251.5	251.2
20.5°	252.2	251.8	251.2	250.6	250.4	250.0
21°	251.2	250.6	250.1	249.8	249.5	249.2



TEST NUMBER: P997162

CATALOG NUMBER: SMX4SLSFS010-800LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	248.3	247.5	247.1	246.6	246.1	246.3
23°	247.2	246.4	246.0	245.6	245.0	245.1
23.5°	246.1	245.4	244.9	244.2	243.9	244.0
24°	245.0	244.3	243.8	243.3	242.8	242.9
24.5°	243.9	243.0	242.7	242.1	241.7	241.8
25°	242.7	242.0	241.3	241.0	240.8	240.6
25.5°	241.6	240.9	240.3	239.9	239.5	239.3
26°	240.5	239.8	239.1	238.8	238.2	238.0
26.5°	239.2	238.6	237.8	237.4	236.9	236.9
27°	238.0	237.5	236.5	236.3	235.8	235.8
27.5°	236.9	236.1	235.4	235.1	234.5	234.2
28°	235.6	234.8	234.0	233.7	233.1	233.2
28.5°	234.3	233.4	232.8	232.3	231.7	232.0
29°	233.0	232.1	231.4	231.1	230.4	230.6
29.5°	231.7	230.9	230.1	229.7	229.0	229.2
30°	230.3	229.6	229.0	228.4	227.7	227.9
30.5°	228.9	228.2	227.5	227.0	226.3	226.4
31°	227.5	226.8	226.1	225.5	224.9	225.1
31.5°	226.2	225.4	224.8	224.2	223.3	223.7
32°	224.8	223.9	223.1	222.8	222.1	222.2
32.5°	223.5	222.5	221.7	221.2	220.6	220.6
33°	222.0	221.1	220.5	219.8	219.2	219.3
33.5°	220.5	219.6	218.9	218.2	217.7	217.8
34°	219.0	218.1	217.5	216.9	216.3	216.4
34.5°	217.5	216.6	215.9	215.3	214.6	214.8
35°	216.0	215.1	214.3	213.6	213.1	213.2
35.5°	214.6	213.5	212.8	212.1	211.5	211.7
36°	213.0	212.0	211.1	210.5	210.0	210.1
36.5°	211.4	210.3	209.5	208.9	208.5	208.7
37°	209.9	208.9	208.2	207.5	206.8	207.1
37.5°	208.3	207.2	206.7	205.9	205.2	205.5
38°	206.8	205.7	204.8	204.2	203.6	203.9
38.5°	205.1	204.1	203.3	202.5	201.9	202.2
39°	203.4	202.3	201.4	200.8	200.4	200.4
39.5°	201.8	200.7	199.8	199.1	198.7	198.7
40°	200.1	199.2	198.0	197.6	197.0	197.1
40.5°	198.4	197.5	196.3	195.7	195.1	195.3
41°	196.5	195.7	194.5	194.1	193.5	193.6
41.5°	194.9	194.0	192.9	192.3	191.7	191.9
42°	193.3	192.3	191.2	190.4	189.9	190.1
42.5°	191.5	190.3	189.3	188.8	188.2	188.2
43°	189.7	188.7	187.5	186.8	186.3	186.5
43.5°	187.9	186.8	185.7	185.0	184.6	184.8

Cooper Lighting Solutions Photometric Lab
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 Peachtree City, GA 30269



TEST NUMBER: P997162

CATALOG NUMBER: SMX4SLSFS010-800LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	182.5	181.3	180.2	179.7	179.0	179.1
45.5°	180.7	179.4	178.5	177.9	177.2	177.2
46°	178.7	177.6	176.7	175.9	175.4	175.5
46.5°	177.0	175.6	174.7	174.1	173.6	173.6
47°	175.1	173.9	172.8	172.2	171.6	171.7
47.5°	173.1	172.1	170.9	170.2	169.7	169.8
48°	171.3	170.1	169.0	168.2	167.7	167.9
48.5°	169.4	168.2	167.1	166.3	165.7	165.9
49°	167.5	166.2	165.1	164.2	163.9	163.7
49.5°	165.4	164.3	163.2	162.4	161.9	161.9
50°	163.5	162.2	161.1	160.3	159.8	159.8
50.5°	161.6	160.3	159.1	158.3	157.8	157.7
51°	159.4	158.2	157.0	156.3	155.9	155.7
51.5°	157.5	156.3	155.1	154.4	153.8	153.8
52°	155.5	154.4	152.9	152.2	151.8	151.8
52.5°	153.5	152.3	150.9	150.4	149.7	149.8
53°	151.4	150.3	148.7	148.2	147.6	147.8
53.5°	149.4	148.0	146.7	146.2	145.7	145.8
54°	147.4	146.1	144.7	144.1	143.6	143.7
54.5°	145.4	144.1	142.8	142.0	141.5	141.6
55°	143.4	142.0	140.7	139.9	139.3	139.3
55.5°	141.2	139.6	138.5	137.8	137.3	137.3
56°	139.2	137.6	136.4	135.5	135.1	135.2
56.5°	136.9	135.4	134.2	133.5	133.2	133.0
57°	134.9	133.3	132.0	131.2	130.9	131.0
57.5°	132.7	131.1	129.9	129.1	128.8	128.6
58°	130.7	129.0	127.7	127.0	126.6	126.5
58.5°	128.4	126.7	125.5	124.7	124.3	124.2
59°	126.4	124.5	123.3	122.6	122.1	121.9
59.5°	124.1	122.2	120.9	120.1	119.7	119.6
60°	121.9	120.0	118.7	118.1	117.5	117.5
60.5°	119.7	117.6	116.5	115.7	115.2	115.4
61°	117.6	115.6	114.3	113.7	113.2	113.2
61.5°	115.3	113.2	112.0	111.4	110.9	110.8
62°	113.1	110.9	109.8	109.2	108.5	108.6
62.5°	111.0	108.6	107.4	106.8	106.2	106.3
63°	108.7	106.5	105.1	104.5	103.9	103.9
63.5°	106.4	104.0	102.8	102.1	101.6	101.6
64°	104.0	101.8	100.6	99.8	99.3	99.4
64.5°	101.7	99.4	98.3	97.5	97.0	97.0
65°	99.4	97.2	96.0	95.3	94.7	94.7
65.5°	97.0	94.6	93.5	92.8	92.3	92.2
66°	94.7	92.5	91.2	90.4	90.1	89.9



TEST NUMBER: P997162

CATALOG NUMBER: SMX4SLSFS010-800LM-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	87.6	85.4	84.2	83.6	83.1	82.9
68°	85.2	83.2	81.9	81.1	80.7	80.6
68.5°	83.0	80.8	79.6	78.7	78.4	78.2
69°	80.6	78.4	77.2	76.5	76.1	75.9
69.5°	78.3	75.9	74.8	74.1	73.7	73.5
70°	75.9	73.7	72.5	71.7	71.3	71.2
70.5°	73.6	71.3	70.1	69.3	68.8	68.7
71°	71.3	69.0	67.7	67.0	66.5	66.4
71.5°	68.7	66.5	65.4	64.6	64.0	64.1
72°	66.4	64.2	63.0	62.2	61.7	61.7
72.5°	64.0	61.8	60.7	59.8	59.2	59.3
73°	61.7	59.4	58.2	57.5	56.9	56.9
73.5°	59.2	56.9	56.0	55.1	54.5	54.6
74°	56.9	54.8	53.5	52.7	52.3	52.2
74.5°	54.6	52.4	51.3	50.6	49.8	50.0
75°	52.3	49.9	48.9	48.0	47.8	47.7
75.5°	50.0	47.7	46.6	45.7	45.2	45.3
76°	47.7	45.5	44.3	43.4	43.0	43.1
76.5°	45.4	43.1	41.9	41.1	40.7	40.7
77°	43.1	40.8	39.7	38.9	38.4	38.5
77.5°	40.8	38.5	37.4	36.7	36.2	36.4
78°	38.5	36.4	35.1	34.4	33.9	34.1
78.5°	36.1	34.2	33.0	32.3	31.7	31.9
79°	34.1	32.0	30.8	30.0	29.6	29.7
79.5°	32.0	29.8	28.6	27.9	27.5	27.6
80°	29.8	27.7	26.5	25.9	25.4	25.4
80.5°	27.6	25.6	24.6	23.8	23.4	23.4
81°	25.5	23.5	22.5	21.7	21.4	21.5
81.5°	23.6	21.6	20.7	20.0	19.6	19.7
82°	21.5	19.8	18.7	18.1	17.7	17.8
82.5°	19.7	17.9	16.9	16.3	15.8	15.9
83°	17.9	16.1	15.0	14.5	14.2	14.1
83.5°	16.0	14.3	13.4	12.8	12.4	12.4
84°	14.2	12.6	11.8	11.2	10.8	10.9
84.5°	12.5	10.9	10.1	9.6	9.3	9.3
85°	10.9	9.4	8.7	8.2	7.9	7.8
85.5°	9.3	8.0	7.2	6.8	6.4	6.5
86°	7.9	6.6	6.0	5.6	5.2	5.2
86.5°	6.5	5.3	4.9	4.4	4.1	4.1
87°	5.3	4.3	3.7	3.4	3.2	3.2
87.5°	4.1	3.3	2.7	2.5	2.4	2.3
88°	3.0	2.5	2.1	1.7	1.6	1.6
88.5°	2.1	1.8	1.4	1.2	1.1	1.1

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TEST NUMBER: P997162
CATALOG NUMBER: SMX4SLSFS010-800LM-3000K

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°	248.1	248.8	249.0	249.3	250.4	251.1	251.3	251.5	251.3	251.2	250.8
22°	247.5	247.7	247.9	248.4	249.5	250.3	250.2	250.5	250.3	250.5	249.9

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44°	182.9	183.5	183.9	184.6	186.4	187.3	187.8	188.2	188.2	187.8	186.9
44.5°	181.0	181.7	182.1	182.9	184.7	185.5	186.0	186.4	186.3	186.1	185.1

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66.5°	87.6	88.2	89.0	90.1	92.3	93.4	94.3	94.9	94.8	94.2	93.3
67°	85.1	85.9	86.7	87.7	90.0	91.2	92.0	92.5	92.5	91.8	91.0

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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	0.9	1.1	1.3	1.3	1.2	0.9

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21.5°	250.2	249.5	249.0	249.0	248.2	248.1
22°	249.3	248.6	248.0	247.7	247.0	247.5

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44°	186.1	185.0	183.9	183.2	182.9	182.9
44.5°	184.3	183.2	182.0	181.5	180.9	181.0

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66.5°	92.4	90.0	88.8	88.0	87.7	87.6
67°	90.1	87.7	86.7	85.8	85.4	85.1

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89°	1.4	1.2	0.9	0.7	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)