

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: HALO

Report Number: P1057167

Luminaire Tested: **HLCEMS410FS1E-3000K**

Issue Date: 8/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1057167
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2503635A001)
Test Lab: INNOVATION CENTER
Issue Date: 8/5/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: HLCEMS410FS1E-3000K
Description: HLCE Motion Sensor 4 inch at 3000K CCT

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

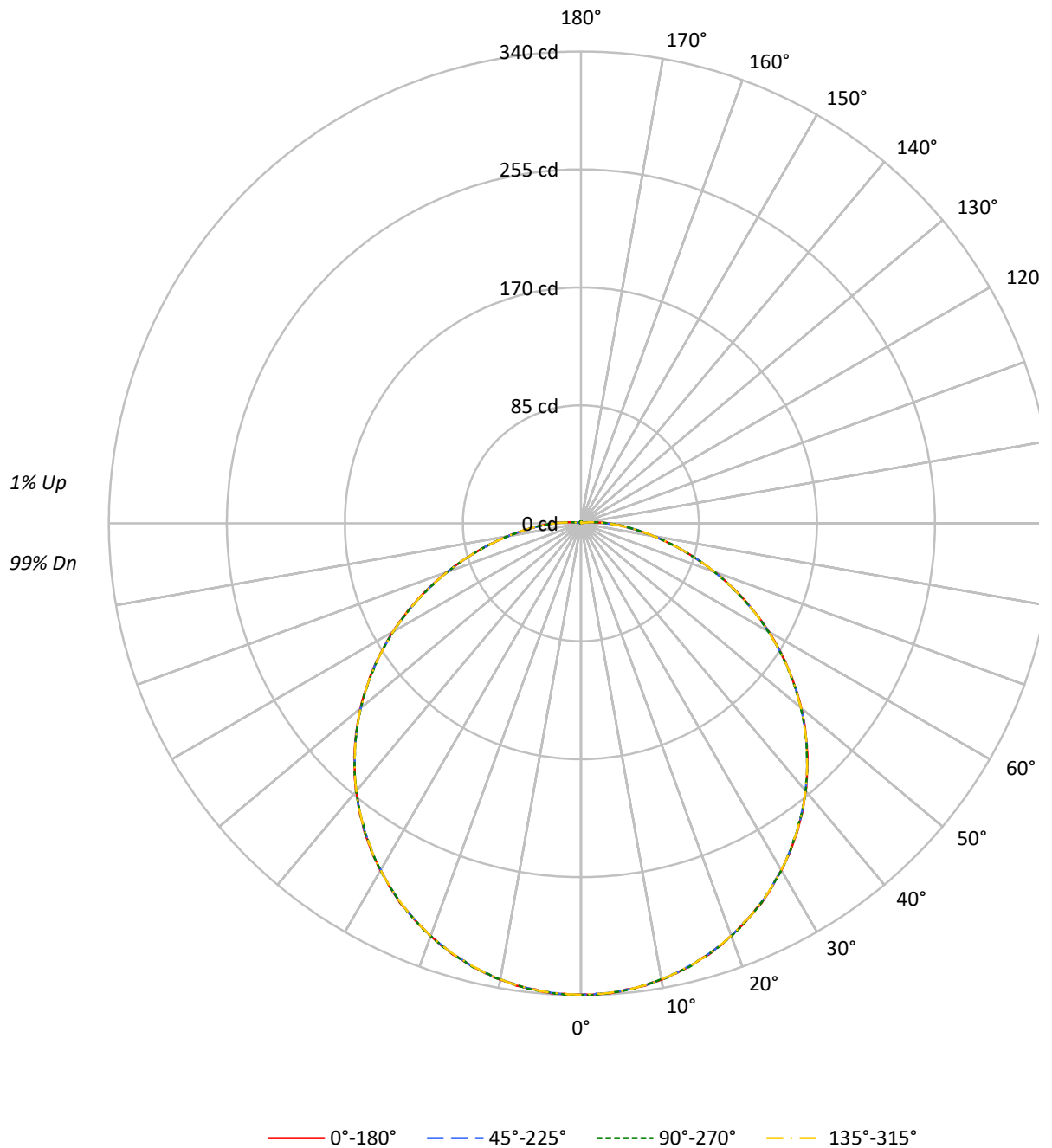
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1035.0 lumens
Efficiency: N/A
Efficacy: 84.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: (L: -0.33 ' x W: 0 ' x H: -0.33 '
CIE Type: Direct

Input Watts (W): 12.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: >0.9
Total Harmonic Distortion (THDi): <20
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 25 FT

TEST NUMBER: P1057167
CATALOG NUMBER: HLCEMS410FS1E-3000K

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	110	110	110		105	105	105		101
1	108	102	98	94	105	100	96	92	95	92	89		91	88	86		87
2	97	89	82	75	95	87	80	74	83	77	72		79	75	71		76
3	89	78	69	62	86	76	68	62	73	66	60		70	64	59		67
4	81	69	60	53	79	67	59	52	64	57	51		62	56	50		60
5	74	61	52	45	72	60	51	45	58	50	44		56	49	44		54
6	69	55	46	39	67	54	45	39	52	44	39		50	43	38		48
7	64	50	41	35	62	49	40	34	47	40	34		46	39	34		44
8	59	45	37	31	58	45	36	31	43	36	30		42	35	30		41
9	55	42	33	28	54	41	33	28	40	32	27		39	32	27		37
10	52	38	30	25	50	38	30	25	37	30	25		36	29	25		35

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	Luminous shape not found, reference photometric report, or contact the photometric lab for calculations.			
5°				
10°				
15°				
20°				
25°				
30°				
35°				
40°				
45°				
50°				
55°				
60°				
65°				
70°				
75°				
80°				
85°				

TEST NUMBER: P1057167
 CATALOG NUMBER: HLCEMS410FS1E-3000K

ZONAL LUMENS:

	Zone	Lumens	% Fixture
20	0°-10°	32.1	3.1
0	10°-20°	92.2	8.9
	20°-30°	140.0	13.5
99	30°-40°	169.6	16.4
81	40°-50°	177.5	17.2
67	50°-60°	162.7	15.7
56	60°-70°	127.8	12.4
47	70°-80°	81.3	7.9
41	80°-90°	37.6	3.6
36	90°-100°	10.2	1.0
31	100°-110°	1.0	0.1
28	110°-120°	0.4	0.0
25	120°-130°	0.5	0.1
23	130°-140°	0.6	0.1
	140°-150°	0.6	0.1
	150°-160°	0.5	0.0
	160°-170°	0.3	0.0
	170°-180°	0.1	0.0
	0°-30°	264.3	25.5
	0°-40°	433.9	41.9
	0°-60°	774.1	74.8
	0°-90°	1020.9	98.6
	90°-120°	11.6	1.1
	90°-150°	13.3	1.3
	90°-180°	14.0	1.4
	0°-180°	1035.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°
0°	340	340	340	340	340
5°	338	338	338	338	338
15°	327	326	327	326	327
25°	304	304	304	304	304
35°	272	271	272	271	272
45°	230	230	230	230	230
55°	182	182	182	182	182
65°	129	129	129	129	129
75°	77	76	77	76	77
85°	34	34	34	34	34
90°	19	20	19	20	19
95°	9	9	9	9	9
105°	0	1	0	1	0
115°	0	0	0	0	0
125°	1	1	1	1	1
135°	1	1	1	1	1
145°	1	1	1	1	1
155°	1	1	1	1	1
165°	1	1	1	1	1
175°	0	1	0	1	0
180°	0	0	0	0	0

TEST NUMBER: P1057167

CATALOG NUMBER: HLCMS410FS1E-3000K

CANDELA DISTRIBUTION (FULL):

Flux		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
	0°	339.8	339.8	339.8	339.8	339.8	339.8	339.8	339.8	339.8	339.8
32	0.5°	339.4	339.7	339.5	339.5	340.1	339.5	339.5	339.7	339.4	339.7
92	1°	339.9	339.8	339.4	339.4	339.9	339.4	339.4	339.8	339.9	339.8
140	1.5°	339.7	339.5	339.6	339.5	340.0	339.5	339.6	339.5	339.7	339.5
170	2°	339.3	339.5	339.1	339.3	339.9	339.3	339.1	339.5	339.3	339.5
178	2.5°	339.5	339.3	339.5	339.2	339.2	339.2	339.5	339.3	339.5	339.3
163	3°	339.0	338.9	339.1	339.0	339.4	339.0	339.1	338.9	339.0	338.9
128	3.5°	339.4	339.2	339.1	338.8	339.1	338.8	339.1	339.2	339.4	339.2
81	4°	338.9	338.6	338.7	338.6	338.6	338.6	338.7	338.6	338.9	338.6
32	4.5°	338.8	338.5	338.5	338.5	338.8	338.5	338.5	338.5	338.8	338.5
10	5°	338.4	338.2	338.3	338.4	338.4	338.4	338.3	338.2	338.4	338.2
6	5.5°	337.6	337.6	337.8	337.8	338.0	337.8	337.8	337.6	337.6	337.6
1	6°	337.4	337.7	337.6	337.4	337.8	337.4	337.6	337.7	337.4	337.7
0	6.5°	337.3	337.1	337.1	337.1	337.5	337.1	337.1	337.1	337.3	337.1
1	7°	336.8	336.8	336.7	336.7	337.2	336.7	336.7	336.8	336.8	336.8
1	7.5°	336.5	336.5	336.3	336.2	336.2	336.2	336.3	336.5	336.5	336.5
1	8°	336.3	335.9	336.1	335.7	335.6	335.7	336.1	335.9	336.3	335.9
0	8.5°	335.2	335.7	335.4	335.3	335.4	335.3	335.4	335.7	335.2	335.7
0	9°	334.8	334.9	334.9	334.8	334.6	334.8	334.9	334.9	334.8	334.9
0	9.5°	334.4	334.7	334.3	334.3	334.2	334.3	334.3	334.7	334.4	334.7
	10°	334.0	334.1	333.6	333.6	333.5	333.6	333.6	334.1	334.0	334.1
	10.5°	333.3	333.4	333.0	333.0	333.5	333.0	333.0	333.4	333.3	333.4
	11°	332.7	332.5	332.6	332.3	332.8	332.3	332.6	332.5	332.7	332.5
	11.5°	331.9	331.9	331.8	331.9	331.7	331.9	331.8	331.9	331.9	331.9
	12°	331.4	330.9	331.2	331.1	331.3	331.1	331.2	330.9	331.4	330.9
	12.5°	330.5	330.6	330.5	330.4	330.6	330.4	330.5	330.6	330.5	330.6
	13°	329.8	329.5	329.5	329.8	329.9	329.8	329.5	329.5	329.8	329.5
	13.5°	329.2	329.1	328.9	329.1	329.5	329.1	328.9	329.1	329.2	329.1
	14°	328.3	328.3	328.1	328.0	328.6	328.0	328.1	328.3	328.3	328.3
	14.5°	327.4	327.6	327.6	327.3	327.5	327.3	327.6	327.6	327.4	327.6
	15°	326.6	326.6	326.2	326.2	326.3	326.2	326.2	326.6	326.6	326.6
	15.5°	325.4	325.6	325.7	325.5	325.9	325.5	325.7	325.6	325.4	325.6
	16°	324.6	324.5	324.8	324.4	324.9	324.4	324.8	324.5	324.6	324.5
	16.5°	324.2	323.7	323.6	323.7	323.9	323.7	323.6	323.7	324.2	323.7
	17°	323.1	323.1	322.7	322.7	322.9	322.7	322.7	323.1	323.1	323.1
	17.5°	321.7	322.0	321.8	321.9	321.6	321.9	321.8	322.0	321.7	322.0
	18°	321.0	321.1	320.5	320.8	321.1	320.8	320.5	321.1	321.0	321.1
	18.5°	320.1	320.1	319.7	319.4	319.7	319.4	319.7	320.1	320.1	320.1
	19°	318.6	318.7	318.6	318.5	318.9	318.5	318.6	318.7	318.6	318.7
	19.5°	317.5	317.7	317.4	317.6	317.6	317.6	317.4	317.7	317.5	317.7
	20°	316.6	316.5	316.4	316.3	316.6	316.3	316.4	316.5	316.6	316.5
	20.5°	315.2	315.5	315.3	315.3	315.5	315.3	315.3	315.5	315.2	315.5
	21°	314.2	314.1	313.8	314.0	314.3	314.0	313.8	314.1	314.2	314.1
	21.5°	312.7	313.0	313.0	312.8	313.1	312.8	313.0	313.0	312.7	313.0
	22°	311.9	311.7	311.3	311.6	311.7	311.6	311.3	311.7	311.9	311.7

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
339.8	22.5°	310.4	310.3	309.9	310.2	310.4	310.2	309.9	310.3	310.4	310.3
339.5	23°	309.1	309.3	309.2	308.9	309.2	308.9	309.2	309.3	309.1	309.3
339.4	23.5°	307.8	307.9	307.8	307.9	307.9	307.9	307.8	307.9	307.8	307.9
339.6	24°	306.5	306.6	306.5	306.5	306.7	306.5	306.5	306.6	306.5	306.6
339.1	24.5°	305.0	305.1	304.9	305.1	305.2	305.1	304.9	305.1	305.0	305.1
339.5	25°	304.1	304.0	303.7	303.6	303.9	303.6	303.7	304.0	304.1	304.0
339.1	25.5°	302.8	302.7	302.2	302.2	302.6	302.2	302.2	302.7	302.8	302.7
339.1	26°	301.1	301.1	301.1	300.7	301.0	300.7	301.1	301.1	301.1	301.1
338.7	26.5°	299.8	299.6	299.5	299.4	299.4	299.4	299.5	299.6	299.8	299.6
338.5	27°	298.3	297.9	297.9	297.9	297.8	297.9	297.9	297.9	298.3	297.9
338.3	27.5°	296.5	296.7	296.4	296.2	296.6	296.2	296.4	296.7	296.5	296.7
337.8	28°	295.1	295.1	294.8	294.9	295.1	294.9	294.8	295.1	295.1	295.1
337.6	28.5°	293.2	293.5	293.3	293.1	293.2	293.1	293.3	293.5	293.2	293.5
337.1	29°	291.8	292.0	291.7	291.6	292.0	291.6	291.7	292.0	291.8	292.0
336.7	29.5°	290.1	290.4	290.2	290.0	290.4	290.0	290.2	290.4	290.1	290.4
336.3	30°	288.8	288.6	288.4	288.3	288.7	288.3	288.4	288.6	288.8	288.6
336.1	30.5°	287.3	287.1	286.8	286.8	287.0	286.8	286.8	287.1	287.3	287.1
335.4	31°	285.3	285.3	285.4	285.1	285.4	285.1	285.4	285.3	285.3	285.3
334.9	31.5°	283.8	283.4	283.7	283.6	283.7	283.6	283.7	283.4	283.8	283.4
334.3	32°	282.2	282.0	281.8	281.8	281.8	281.8	281.8	282.0	282.2	282.0
333.6	32.5°	280.5	280.2	280.2	280.3	280.4	280.3	280.2	280.2	280.5	280.2
333.0	33°	278.6	278.7	278.0	278.1	278.5	278.1	278.0	278.7	278.6	278.7
332.6	33.5°	276.9	276.6	276.6	276.6	276.5	276.6	276.6	276.6	276.9	276.6
331.8	34°	275.0	274.8	274.7	274.9	274.7	274.9	274.7	274.8	275.0	274.8
331.2	34.5°	273.4	273.2	273.0	272.9	273.2	272.9	273.0	273.2	273.4	273.2
330.5	35°	271.6	271.0	271.3	271.1	271.3	271.1	271.3	271.0	271.6	271.0
329.5	35.5°	269.6	269.5	269.3	269.1	269.1	269.1	269.3	269.5	269.6	269.5
328.9	36°	267.5	267.7	267.4	267.0	267.1	267.0	267.4	267.7	267.5	267.7
328.1	36.5°	265.6	265.7	265.7	265.2	265.4	265.2	265.7	265.7	265.6	265.7
327.6	37°	264.0	263.5	263.5	263.3	263.6	263.3	263.5	263.5	264.0	263.5
326.2	37.5°	262.1	261.8	261.6	261.3	261.9	261.3	261.6	261.8	262.1	261.8
325.7	38°	260.0	260.0	259.8	259.4	259.7	259.4	259.8	260.0	260.0	260.0
324.8	38.5°	257.8	257.7	257.9	257.6	257.6	257.6	257.9	257.7	257.8	257.7
323.6	39°	255.6	255.7	255.6	255.5	255.9	255.5	255.6	255.7	255.6	255.7
322.7	39.5°	253.8	253.8	253.8	253.3	253.8	253.3	253.8	253.8	253.8	253.8
321.8	40°	251.8	251.9	251.6	251.4	251.8	251.4	251.6	251.9	251.8	251.9
320.5	40.5°	250.0	249.7	249.5	249.3	249.8	249.3	249.5	249.7	250.0	249.7
319.7	41°	247.7	247.7	247.6	247.3	247.3	247.3	247.6	247.7	247.7	247.7
318.6	41.5°	245.8	245.7	245.3	245.1	245.5	245.1	245.3	245.7	245.8	245.7
317.4	42°	243.4	243.4	243.3	243.2	243.3	243.2	243.3	243.4	243.4	243.4
316.4	42.5°	241.2	241.4	240.9	241.0	241.4	241.0	240.9	241.4	241.2	241.4
315.3	43°	239.2	239.2	239.0	238.9	239.0	238.9	239.0	239.2	239.2	239.2
313.8	43.5°	236.7	236.9	236.6	236.6	236.8	236.6	236.6	236.9	236.7	236.9
313.0	44°	235.1	234.6	234.5	234.3	234.4	234.3	234.5	234.6	235.1	234.6
311.3	44.5°	232.8	232.5	232.2	232.2	232.1	232.2	232.2	232.5	232.8	232.5

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
309.9	45°	230.3	230.1	230.0	230.2	230.1	230.2	230.0	230.1	230.3	230.1
309.2	45.5°	228.2	228.0	227.9	227.7	227.9	227.7	227.9	228.0	228.2	228.0
307.8	46°	225.8	225.9	225.7	225.6	225.7	225.6	225.7	225.9	225.8	225.9
306.5	46.5°	223.4	223.5	223.3	223.1	223.2	223.1	223.3	223.5	223.4	223.5
304.9	47°	221.4	221.2	221.0	220.9	221.1	220.9	221.0	221.2	221.4	221.2
303.7	47.5°	219.0	218.8	218.6	218.4	218.5	218.4	218.6	218.8	219.0	218.8
302.2	48°	216.7	216.4	216.4	216.4	216.5	216.4	216.4	216.4	216.7	216.4
301.1	48.5°	214.3	214.2	214.0	213.8	213.9	213.8	214.0	214.2	214.3	214.2
299.5	49°	211.9	211.9	211.7	211.7	211.4	211.7	211.7	211.9	211.9	211.9
297.9	49.5°	209.9	209.4	209.4	209.1	209.2	209.1	209.4	209.4	209.9	209.4
296.4	50°	207.1	207.1	207.0	206.6	206.7	206.6	207.0	207.1	207.1	207.1
294.8	50.5°	204.9	204.3	204.3	204.1	204.4	204.1	204.3	204.3	204.9	204.3
293.3	51°	202.5	202.3	201.7	202.0	201.8	202.0	201.7	202.3	202.5	202.3
291.7	51.5°	199.8	199.9	199.6	199.5	199.6	199.5	199.6	199.9	199.8	199.9
290.2	52°	197.4	197.2	197.2	197.0	197.1	197.0	197.2	197.2	197.4	197.2
288.4	52.5°	195.0	194.8	194.6	194.4	194.4	194.4	194.6	194.8	195.0	194.8
286.8	53°	192.2	192.3	192.0	192.0	191.9	192.0	192.0	192.3	192.2	192.3
285.4	53.5°	189.9	189.9	189.8	189.3	189.4	189.3	189.8	189.9	189.9	189.9
283.7	54°	187.4	187.3	187.1	187.0	186.8	187.0	187.1	187.3	187.4	187.3
281.8	54.5°	184.7	184.9	184.5	184.5	184.2	184.5	184.5	184.9	184.7	184.9
280.2	55°	182.3	182.4	182.0	181.9	181.8	181.9	182.0	182.4	182.3	182.4
278.0	55.5°	179.9	179.7	179.6	179.4	179.4	179.4	179.6	179.7	179.9	179.7
276.6	56°	177.5	177.1	176.8	176.8	176.7	176.8	176.8	177.1	177.5	177.1
274.7	56.5°	174.4	174.5	174.3	174.1	174.3	174.1	174.3	174.5	174.4	174.5
273.0	57°	172.1	172.0	171.7	171.6	171.5	171.6	171.7	172.0	172.1	172.0
271.3	57.5°	169.4	169.4	169.0	168.9	169.0	168.9	169.0	169.4	169.4	169.4
269.3	58°	166.8	166.8	166.6	166.3	166.4	166.3	166.6	166.8	166.8	166.8
267.4	58.5°	164.2	164.1	163.7	163.7	163.8	163.7	163.7	164.1	164.2	164.1
265.7	59°	161.6	161.6	161.2	161.1	161.0	161.1	161.2	161.6	161.6	161.6
263.5	59.5°	159.0	159.0	158.6	158.4	158.5	158.4	158.6	159.0	159.0	159.0
261.6	60°	156.4	156.1	156.1	155.7	155.8	155.7	156.1	156.1	156.4	156.1
259.8	60.5°	153.7	153.5	153.3	153.1	153.0	153.1	153.3	153.5	153.7	153.5
257.9	61°	150.8	150.9	150.6	150.5	150.4	150.5	150.6	150.9	150.8	150.9
255.6	61.5°	148.4	148.1	147.9	147.8	147.7	147.8	147.9	148.1	148.4	148.1
253.8	62°	145.7	145.6	145.4	145.1	145.2	145.1	145.4	145.6	145.7	145.6
251.6	62.5°	142.9	142.8	142.5	142.4	142.4	142.4	142.5	142.8	142.9	142.8
249.5	63°	140.4	140.1	140.0	139.8	139.8	139.8	140.0	140.1	140.4	140.1
247.6	63.5°	137.5	137.3	137.3	137.0	137.0	137.0	137.3	137.3	137.5	137.3
245.3	64°	134.8	134.7	134.5	134.3	134.2	134.3	134.5	134.7	134.8	134.7
243.3	64.5°	132.2	132.1	131.8	131.6	131.6	131.6	131.8	132.1	132.2	132.1
240.9	65°	129.4	129.2	129.2	128.9	128.9	128.9	129.2	129.2	129.4	129.2
239.0	65.5°	126.9	126.5	126.4	126.2	126.1	126.2	126.4	126.5	126.9	126.5
236.6	66°	124.2	123.9	123.7	123.5	123.4	123.5	123.7	123.9	124.2	123.9
234.5	66.5°	121.4	121.2	121.0	120.8	120.7	120.8	121.0	121.2	121.4	121.2
232.2	67°	118.6	118.6	118.3	118.2	118.2	118.2	118.3	118.6	118.6	118.6

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
230.0	67.5°	115.8	115.7	115.6	115.6	115.4	115.6	115.6	115.7	115.8	115.7
227.9	68°	113.3	113.1	112.9	112.9	112.9	112.9	112.9	113.1	113.3	113.1
225.7	68.5°	110.5	110.5	110.3	110.3	110.1	110.3	110.3	110.5	110.5	110.5
223.3	69°	107.9	107.7	107.5	107.5	107.5	107.5	107.5	107.7	107.9	107.7
221.0	69.5°	105.3	105.0	104.9	104.8	104.9	104.8	104.9	105.0	105.3	105.0
218.6	70°	102.5	102.4	102.2	102.3	102.2	102.3	102.2	102.4	102.5	102.4
216.4	70.5°	99.8	99.8	99.6	99.5	99.6	99.5	99.6	99.8	99.8	99.8
214.0	71°	97.2	97.3	97.0	97.0	96.9	97.0	97.0	97.3	97.2	97.3
211.7	71.5°	94.6	94.5	94.4	94.4	94.4	94.4	94.4	94.5	94.6	94.5
209.4	72°	91.9	92.0	91.8	91.7	91.7	91.7	91.8	92.0	91.9	92.0
207.0	72.5°	89.4	89.4	89.2	89.2	89.1	89.2	89.2	89.4	89.4	89.4
204.3	73°	86.8	86.8	86.6	86.6	86.5	86.6	86.6	86.8	86.8	86.8
201.7	73.5°	84.2	84.2	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2
199.6	74°	81.7	81.7	81.6	81.6	81.5	81.6	81.6	81.7	81.7	81.7
197.2	74.5°	79.2	79.1	79.1	79.1	79.0	79.1	79.1	79.1	79.2	79.1
194.6	75°	76.7	76.7	76.6	76.7	76.4	76.7	76.6	76.7	76.7	76.7
192.0	75.5°	74.2	74.1	74.1	74.2	74.2	74.2	74.1	74.1	74.2	74.1
189.8	76°	71.7	71.7	71.6	71.7	71.7	71.7	71.6	71.7	71.7	71.7
187.1	76.5°	69.3	69.3	69.2	69.3	69.2	69.3	69.2	69.3	69.3	69.3
184.5	77°	66.9	67.0	66.9	66.9	66.9	66.9	66.9	67.0	66.9	67.0
182.0	77.5°	64.6	64.5	64.5	64.6	64.5	64.6	64.5	64.5	64.6	64.5
179.6	78°	62.2	62.2	62.2	62.3	62.3	62.3	62.2	62.2	62.2	62.2
176.8	78.5°	59.9	59.9	59.9	60.0	59.9	60.0	59.9	59.9	59.9	59.9
174.3	79°	57.7	57.7	57.6	57.7	57.7	57.7	57.6	57.7	57.7	57.7
171.7	79.5°	55.5	55.4	55.4	55.6	55.5	55.6	55.4	55.4	55.5	55.4
169.0	80°	53.3	53.3	53.2	53.4	53.5	53.4	53.2	53.3	53.3	53.3
166.6	80.5°	51.2	51.1	51.1	51.3	51.4	51.3	51.1	51.1	51.2	51.1
163.7	81°	49.1	49.0	49.0	49.2	49.2	49.2	49.0	49.0	49.1	49.0
161.2	81.5°	47.0	46.9	46.9	47.1	47.2	47.1	46.9	46.9	47.0	46.9
158.6	82°	45.0	44.9	44.9	45.1	45.2	45.1	44.9	44.9	45.0	44.9
156.1	82.5°	43.0	42.9	42.9	43.1	43.3	43.1	42.9	42.9	43.0	42.9
153.3	83°	41.1	40.9	41.0	41.2	41.4	41.2	41.0	40.9	41.1	40.9
150.6	83.5°	39.2	39.0	39.0	39.3	39.5	39.3	39.0	39.0	39.2	39.0
147.9	84°	37.4	37.2	37.2	37.4	37.8	37.4	37.2	37.2	37.4	37.2
145.4	84.5°	35.5	35.4	35.4	35.6	36.0	35.6	35.4	35.4	35.5	35.4
142.5	85°	33.9	33.6	33.6	33.9	34.3	33.9	33.6	33.6	33.9	33.6
140.0	85.5°	32.2	31.9	31.8	32.1	32.6	32.1	31.8	31.9	32.2	31.9
137.3	86°	30.5	30.2	30.1	30.5	31.0	30.5	30.1	30.2	30.5	30.2
134.5	86.5°	28.9	28.6	28.5	28.8	29.7	28.8	28.5	28.6	28.9	28.6
131.8	87°	27.4	27.0	26.9	27.3	28.1	27.3	26.9	27.0	27.4	27.0
129.2	87.5°	25.8	25.4	25.3	25.7	26.6	25.7	25.3	25.4	25.8	25.4
126.4	88°	24.4	24.0	23.8	24.2	25.1	24.2	23.8	24.0	24.4	24.0
123.7	88.5°	23.0	22.6	22.3	22.8	23.6	22.8	22.3	22.6	23.0	22.6
121.0	89°	21.6	21.2	20.8	21.4	22.2	21.4	20.8	21.2	21.6	21.2
118.3	89.5°	20.2	19.9	19.4	20.1	20.9	20.1	19.4	19.9	20.2	19.9

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
115.6	90°	18.9	18.6	18.2	18.9	19.6	18.9	18.2	18.6	18.9	18.6
112.9	90.5°	17.7	17.4	16.9	17.7	18.4	17.7	16.9	17.4	17.7	17.4
110.3	91°	16.5	16.2	15.8	16.5	17.2	16.5	15.8	16.2	16.5	16.2
107.5	91.5°	15.4	15.1	14.6	15.4	16.0	15.4	14.6	15.1	15.4	15.1
104.9	92°	14.2	14.0	13.5	14.3	15.0	14.3	13.5	14.0	14.2	14.0
102.2	92.5°	13.2	13.0	12.5	13.3	13.9	13.3	12.5	13.0	13.2	13.0
99.6	93°	12.2	12.0	11.5	12.3	13.0	12.3	11.5	12.0	12.2	12.0
97.0	93.5°	11.2	11.0	10.5	11.4	12.0	11.4	10.5	11.0	11.2	11.0
94.4	94°	10.3	10.1	9.7	10.5	11.0	10.5	9.7	10.1	10.3	10.1
91.8	94.5°	9.5	9.3	8.8	9.7	10.1	9.7	8.8	9.3	9.5	9.3
89.2	95°	8.7	8.5	8.0	8.9	9.3	8.9	8.0	8.5	8.7	8.5
86.6	95.5°	7.9	7.7	7.3	8.1	8.5	8.1	7.3	7.7	7.9	7.7
84.0	96°	7.1	7.0	6.6	7.4	7.8	7.4	6.6	7.0	7.1	7.0
81.6	96.5°	6.4	6.3	6.0	6.7	7.1	6.7	6.0	6.3	6.4	6.3
79.1	97°	5.8	5.7	5.4	6.1	6.4	6.1	5.4	5.7	5.8	5.7
76.6	97.5°	5.2	5.1	4.9	5.5	5.8	5.5	4.9	5.1	5.2	5.1
74.1	98°	4.6	4.5	4.4	5.0	5.2	5.0	4.4	4.5	4.6	4.5
71.6	98.5°	4.1	4.0	3.9	4.4	4.7	4.4	3.9	4.0	4.1	4.0
69.2	99°	3.6	3.5	3.5	3.9	4.2	3.9	3.5	3.5	3.6	3.5
66.9	99.5°	3.2	3.1	3.1	3.5	3.7	3.5	3.1	3.1	3.2	3.1
64.5	100°	2.8	2.7	2.8	3.1	3.3	3.1	2.8	2.7	2.8	2.7
62.2	100.5°	2.4	2.4	2.4	2.7	2.9	2.7	2.4	2.4	2.4	2.4
59.9	101°	2.1	2.0	2.2	2.4	2.6	2.4	2.2	2.0	2.1	2.0
57.6	101.5°	1.8	1.7	1.9	2.1	2.3	2.1	1.9	1.7	1.8	1.7
55.4	102°	1.5	1.5	1.6	1.8	2.0	1.8	1.6	1.5	1.5	1.5
53.2	102.5°	1.3	1.3	1.4	1.6	1.7	1.6	1.4	1.3	1.3	1.3
51.1	103°	1.1	1.1	1.2	1.3	1.4	1.3	1.2	1.1	1.1	1.1
49.0	103.5°	0.9	0.9	1.0	1.2	1.2	1.2	1.0	0.9	0.9	0.9
46.9	104°	0.7	0.7	0.9	1.0	1.0	1.0	0.9	0.7	0.7	0.7
44.9	104.5°	0.6	0.6	0.8	0.9	0.9	0.9	0.8	0.6	0.6	0.6
42.9	105°	0.5	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.5	0.5
41.0	105.5°	0.4	0.4	0.6	0.6	0.7	0.6	0.6	0.4	0.4	0.4
39.0	106°	0.3	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.3	0.4
37.2	106.5°	0.3	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3
35.4	107°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
33.6	107.5°	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3
31.8	108°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
30.1	108.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
28.5	109°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
26.9	109.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
25.3	110°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
23.8	110.5°	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3
22.3	111°	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3
20.8	111.5°	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3
19.4	112°	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.3

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
18.2	112.5°	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.3
16.9	113°	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.3
15.8	113.5°	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3
14.6	114°	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3
13.5	114.5°	0.4	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.4	0.3
12.5	115°	0.5	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.5	0.3
11.5	115.5°	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.4
10.5	116°	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.4
9.7	116.5°	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.4
8.8	117°	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.4
8.0	117.5°	0.5	0.4	0.4	0.5	0.6	0.5	0.4	0.4	0.5	0.4
7.3	118°	0.5	0.4	0.4	0.5	0.6	0.5	0.4	0.4	0.5	0.4
6.6	118.5°	0.5	0.4	0.4	0.5	0.6	0.5	0.4	0.4	0.5	0.4
6.0	119°	0.5	0.4	0.4	0.5	0.6	0.5	0.4	0.4	0.5	0.4
5.4	119.5°	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.5	0.4
4.9	120°	0.6	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.6	0.4
4.4	120.5°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
3.9	121°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
3.5	121.5°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
3.1	122°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
2.8	122.5°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
2.4	123°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
2.2	123.5°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
1.9	124°	0.6	0.5	0.5	0.6	0.7	0.6	0.5	0.5	0.6	0.5
1.6	124.5°	0.6	0.5	0.5	0.6	0.8	0.6	0.5	0.5	0.6	0.5
1.4	125°	0.6	0.5	0.5	0.6	0.8	0.6	0.5	0.5	0.6	0.5
1.2	125.5°	0.6	0.5	0.5	0.7	0.8	0.7	0.5	0.5	0.6	0.5
1.0	126°	0.6	0.5	0.5	0.7	0.8	0.7	0.5	0.5	0.6	0.5
0.9	126.5°	0.6	0.5	0.5	0.7	0.8	0.7	0.5	0.5	0.6	0.5
0.8	127°	0.6	0.5	0.5	0.7	0.8	0.7	0.5	0.5	0.6	0.5
0.6	127.5°	0.6	0.5	0.5	0.7	0.8	0.7	0.5	0.5	0.6	0.5
0.6	128°	0.6	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.6	0.5
0.5	128.5°	0.6	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.6	0.5
0.4	129°	0.6	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.6	0.5
0.4	129.5°	0.6	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.6	0.5
0.3	130°	0.6	0.5	0.7	0.7	0.8	0.7	0.7	0.5	0.6	0.5
0.3	130.5°	0.5	0.5	0.7	0.8	0.8	0.8	0.7	0.5	0.5	0.5
0.3	131°	0.6	0.5	0.7	0.8	0.8	0.8	0.7	0.5	0.6	0.5
0.3	131.5°	0.7	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.7	0.6
0.3	132°	0.7	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.7	0.6
0.3	132.5°	0.7	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.7	0.6
0.3	133°	0.7	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.7	0.6
0.3	133.5°	0.7	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.7	0.6
0.3	134°	0.8	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.8	0.6
0.3	134.5°	0.8	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.8	0.6

TEST NUMBER: P1057167

CATALOG NUMBER: HLCMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
0.3	135°	0.8	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.8	0.6
0.3	135.5°	0.8	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.8	0.6
0.4	136°	0.8	0.6	0.7	0.9	0.8	0.9	0.7	0.6	0.8	0.6
0.4	136.5°	0.8	0.6	0.7	0.9	0.8	0.9	0.7	0.6	0.8	0.6
0.4	137°	0.8	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.8	0.6
0.4	137.5°	0.9	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.9	0.6
0.4	138°	0.9	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.9	0.6
0.4	138.5°	0.9	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.9	0.6
0.4	139°	0.9	0.7	0.7	1.0	0.9	1.0	0.7	0.7	0.9	0.7
0.4	139.5°	0.9	0.7	0.7	1.0	0.9	1.0	0.7	0.7	0.9	0.7
0.4	140°	0.9	0.7	0.7	1.0	0.9	1.0	0.7	0.7	0.9	0.7
0.4	140.5°	0.9	0.7	0.7	1.0	0.9	1.0	0.7	0.7	0.9	0.7
0.4	141°	1.0	0.7	0.7	1.0	1.0	1.0	0.7	0.7	1.0	0.7
0.4	141.5°	1.0	0.7	0.7	1.1	1.0	1.1	0.7	0.7	1.0	0.7
0.5	142°	1.0	0.7	0.8	1.1	1.0	1.1	0.8	0.7	1.0	0.7
0.5	142.5°	1.0	0.7	0.8	1.1	1.0	1.1	0.8	0.7	1.0	0.7
0.5	143°	1.0	0.7	0.8	1.1	1.0	1.1	0.8	0.7	1.0	0.7
0.5	143.5°	1.0	0.7	0.8	1.1	1.0	1.1	0.8	0.7	1.0	0.7
0.5	144°	1.0	0.7	0.8	1.1	1.0	1.1	0.8	0.7	1.0	0.7
0.5	144.5°	1.0	0.7	0.8	1.1	1.0	1.1	0.8	0.7	1.0	0.7
0.5	145°	1.0	0.7	0.8	1.1	1.0	1.1	0.8	0.7	1.0	0.7
0.5	145.5°	1.0	0.7	0.8	1.1	1.1	1.1	0.8	0.7	1.0	0.7
0.5	146°	1.0	0.8	0.8	1.2	1.1	1.2	0.8	0.8	1.0	0.8
0.5	146.5°	1.0	0.8	0.8	1.2	1.1	1.2	0.8	0.8	1.0	0.8
0.5	147°	1.1	0.8	0.8	1.2	1.1	1.2	0.8	0.8	1.1	0.8
0.5	147.5°	1.1	0.8	0.8	1.2	1.1	1.2	0.8	0.8	1.1	0.8
0.5	148°	1.1	0.8	0.8	1.2	1.1	1.2	0.8	0.8	1.1	0.8
0.5	148.5°	1.1	0.8	0.9	1.3	1.1	1.3	0.9	0.8	1.1	0.8
0.5	149°	1.1	0.8	0.9	1.3	1.1	1.3	0.9	0.8	1.1	0.8
0.5	149.5°	1.1	0.8	0.9	1.3	1.1	1.3	0.9	0.8	1.1	0.8
0.5	150°	1.1	0.8	0.9	1.3	1.2	1.3	0.9	0.8	1.1	0.8
0.6	150.5°	1.1	0.9	0.9	1.4	1.2	1.4	0.9	0.9	1.1	0.9
0.6	151°	1.1	0.9	0.9	1.4	1.2	1.4	0.9	0.9	1.1	0.9
0.6	151.5°	1.1	0.9	0.9	1.4	1.2	1.4	0.9	0.9	1.1	0.9
0.6	152°	1.0	0.9	0.9	1.4	1.3	1.4	0.9	0.9	1.0	0.9
0.7	152.5°	1.0	0.9	0.9	1.4	1.3	1.4	0.9	0.9	1.0	0.9
0.7	153°	1.0	0.9	0.9	1.4	1.4	1.4	0.9	0.9	1.0	0.9
0.7	153.5°	1.0	0.9	0.9	1.4	1.4	1.4	0.9	0.9	1.0	0.9
0.6	154°	1.0	0.9	1.0	1.4	1.4	1.4	1.0	0.9	1.0	0.9
0.6	154.5°	1.1	0.9	1.0	1.5	1.4	1.5	1.0	0.9	1.1	0.9
0.6	155°	1.1	0.9	1.0	1.5	1.3	1.5	1.0	0.9	1.1	0.9
0.6	155.5°	1.1	0.9	1.0	1.6	1.3	1.6	1.0	0.9	1.1	0.9
0.6	156°	1.1	0.9	1.0	1.6	1.3	1.6	1.0	0.9	1.1	0.9
0.6	156.5°	1.1	0.9	1.0	1.5	1.3	1.5	1.0	0.9	1.1	0.9
0.6	157°	1.0	0.9	1.0	1.4	1.3	1.4	1.0	0.9	1.0	0.9

TEST NUMBER: P1057167

CATALOG NUMBER: HLCMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
0.7	157.5°	1.0	0.9	1.0	1.4	1.3	1.4	1.0	0.9	1.0	0.9
0.7	158°	1.0	0.9	1.0	1.4	1.3	1.4	1.0	0.9	1.0	0.9
0.7	158.5°	1.0	0.9	1.0	1.4	1.3	1.4	1.0	0.9	1.0	0.9
0.7	159°	1.0	0.9	1.0	1.4	1.3	1.4	1.0	0.9	1.0	0.9
0.7	159.5°	1.0	0.9	1.0	1.4	1.3	1.4	1.0	0.9	1.0	0.9
0.7	160°	0.9	0.9	1.0	1.4	1.3	1.4	1.0	0.9	0.9	0.9
0.7	160.5°	0.9	0.9	1.0	1.4	1.3	1.4	1.0	0.9	0.9	0.9
0.7	161°	0.9	0.8	1.0	1.4	1.3	1.4	1.0	0.8	0.9	0.8
0.7	161.5°	0.9	0.8	1.0	1.3	1.3	1.3	1.0	0.8	0.9	0.8
0.7	162°	0.9	0.8	0.9	1.3	1.3	1.3	0.9	0.8	0.9	0.8
0.7	162.5°	0.9	0.8	0.9	1.3	1.2	1.3	0.9	0.8	0.9	0.8
0.7	163°	0.9	0.8	0.9	1.2	1.1	1.2	0.9	0.8	0.9	0.8
0.7	163.5°	0.9	0.8	0.9	1.2	1.1	1.2	0.9	0.8	0.9	0.8
0.7	164°	0.9	0.8	0.9	1.2	1.1	1.2	0.9	0.8	0.9	0.8
0.8	164.5°	0.8	0.8	0.9	1.2	1.1	1.2	0.9	0.8	0.8	0.8
0.8	165°	0.8	0.8	0.9	1.2	1.1	1.2	0.9	0.8	0.8	0.8
0.8	165.5°	0.7	0.7	0.9	1.1	1.1	1.1	0.9	0.7	0.7	0.7
0.8	166°	0.7	0.8	0.9	1.1	1.1	1.1	0.9	0.8	0.7	0.8
0.8	166.5°	0.7	0.8	0.8	1.0	1.1	1.0	0.8	0.8	0.7	0.8
0.8	167°	0.7	0.8	0.8	0.9	1.1	0.9	0.8	0.8	0.7	0.8
0.8	167.5°	0.7	0.7	0.7	0.8	1.0	0.8	0.7	0.7	0.7	0.7
0.8	168°	0.7	0.7	0.7	0.8	0.9	0.8	0.7	0.7	0.7	0.7
0.8	168.5°	0.6	0.8	0.7	0.8	0.8	0.8	0.7	0.8	0.6	0.8
0.8	169°	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.6	0.8
0.8	169.5°	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.6	0.8
0.8	170°	0.7	0.9	0.7	0.6	0.7	0.6	0.7	0.9	0.7	0.9
0.8	170.5°	0.8	0.9	0.7	0.6	0.6	0.6	0.7	0.9	0.8	0.9
0.9	171°	0.9	0.8	0.6	0.6	0.6	0.6	0.6	0.8	0.9	0.8
0.9	171.5°	0.9	0.7	0.6	0.5	0.6	0.5	0.6	0.7	0.9	0.7
0.9	172°	0.8	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.7
0.9	172.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
0.9	173°	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.4	0.6
0.9	173.5°	0.4	0.6	0.6	0.5	0.6	0.5	0.6	0.6	0.4	0.6
0.9	174°	0.4	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.4	0.5
0.9	174.5°	0.3	0.4	0.6	0.5	0.6	0.5	0.6	0.4	0.3	0.4
0.9	175°	0.3	0.3	0.5	0.5	0.6	0.5	0.5	0.3	0.3	0.3
0.9	175.5°	0.3	0.3	0.4	0.6	0.5	0.6	0.4	0.3	0.3	0.3
0.9	176°	0.3	0.3	0.3	0.5	0.5	0.5	0.3	0.3	0.3	0.3
1.0	176.5°	0.2	0.3	0.3	0.3	0.5	0.3	0.3	0.3	0.2	0.3
1.0	177°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
1.0	177.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
1.0	178°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
1.0	178.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
1.0	179°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1.0	179.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P1057167
 CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
1.0	180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1.0											
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TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

225°		247.5°	270°	292.5°	315°	337.5°	360°
0.3	0°	339.8	339.8	339.8	339.8	339.8	339.8
	0.5°	339.5	340.1	339.5	339.5	339.7	339.4
	1°	339.4	339.9	339.4	339.4	339.8	339.9
	1.5°	339.5	340.0	339.5	339.6	339.5	339.7
	2°	339.3	339.9	339.3	339.1	339.5	339.3
	2.5°	339.2	339.2	339.2	339.5	339.3	339.5
	3°	339.0	339.4	339.0	339.1	338.9	339.0
	3.5°	338.8	339.1	338.8	339.1	339.2	339.4
	4°	338.6	338.6	338.6	338.7	338.6	338.9
	4.5°	338.5	338.8	338.5	338.5	338.5	338.8
	5°	338.4	338.4	338.4	338.3	338.2	338.4
	5.5°	337.8	338.0	337.8	337.8	337.6	337.6
	6°	337.4	337.8	337.4	337.6	337.7	337.4
	6.5°	337.1	337.5	337.1	337.1	337.1	337.3
	7°	336.7	337.2	336.7	336.7	336.8	336.8
	7.5°	336.2	336.2	336.2	336.3	336.5	336.5
	8°	335.7	335.6	335.7	336.1	335.9	336.3
	8.5°	335.3	335.4	335.3	335.4	335.7	335.2
	9°	334.8	334.6	334.8	334.9	334.9	334.8
	9.5°	334.3	334.2	334.3	334.3	334.7	334.4
	10°	333.6	333.5	333.6	333.6	334.1	334.0
	10.5°	333.0	333.5	333.0	333.0	333.4	333.3
	11°	332.3	332.8	332.3	332.6	332.5	332.7
	11.5°	331.9	331.7	331.9	331.8	331.9	331.9
	12°	331.1	331.3	331.1	331.2	330.9	331.4
	12.5°	330.4	330.6	330.4	330.5	330.6	330.5
	13°	329.8	329.9	329.8	329.5	329.5	329.8
	13.5°	329.1	329.5	329.1	328.9	329.1	329.2
	14°	328.0	328.6	328.0	328.1	328.3	328.3
	14.5°	327.3	327.5	327.3	327.6	327.6	327.4
	15°	326.2	326.3	326.2	326.2	326.6	326.6
	15.5°	325.5	325.9	325.5	325.7	325.6	325.4
	16°	324.4	324.9	324.4	324.8	324.5	324.6
	16.5°	323.7	323.9	323.7	323.6	323.7	324.2
	17°	322.7	322.9	322.7	322.7	323.1	323.1
	17.5°	321.9	321.6	321.9	321.8	322.0	321.7
	18°	320.8	321.1	320.8	320.5	321.1	321.0
	18.5°	319.4	319.7	319.4	319.7	320.1	320.1
	19°	318.5	318.9	318.5	318.6	318.7	318.6
	19.5°	317.6	317.6	317.6	317.4	317.7	317.5
	20°	316.3	316.6	316.3	316.4	316.5	316.6
	20.5°	315.3	315.5	315.3	315.3	315.5	315.2
	21°	314.0	314.3	314.0	313.8	314.1	314.2
	21.5°	312.8	313.1	312.8	313.0	313.0	312.7
	22°	311.6	311.7	311.6	311.3	311.7	311.9

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	310.2	310.4	310.2	309.9	310.3	310.4
23°	308.9	309.2	308.9	309.2	309.3	309.1
23.5°	307.9	307.9	307.9	307.8	307.9	307.8
24°	306.5	306.7	306.5	306.5	306.6	306.5
24.5°	305.1	305.2	305.1	304.9	305.1	305.0
25°	303.6	303.9	303.6	303.7	304.0	304.1
25.5°	302.2	302.6	302.2	302.2	302.7	302.8
26°	300.7	301.0	300.7	301.1	301.1	301.1
26.5°	299.4	299.4	299.4	299.5	299.6	299.8
27°	297.9	297.8	297.9	297.9	297.9	298.3
27.5°	296.2	296.6	296.2	296.4	296.7	296.5
28°	294.9	295.1	294.9	294.8	295.1	295.1
28.5°	293.1	293.2	293.1	293.3	293.5	293.2
29°	291.6	292.0	291.6	291.7	292.0	291.8
29.5°	290.0	290.4	290.0	290.2	290.4	290.1
30°	288.3	288.7	288.3	288.4	288.6	288.8
30.5°	286.8	287.0	286.8	286.8	287.1	287.3
31°	285.1	285.4	285.1	285.4	285.3	285.3
31.5°	283.6	283.7	283.6	283.7	283.4	283.8
32°	281.8	281.8	281.8	281.8	282.0	282.2
32.5°	280.3	280.4	280.3	280.2	280.2	280.5
33°	278.1	278.5	278.1	278.0	278.7	278.6
33.5°	276.6	276.5	276.6	276.6	276.6	276.9
34°	274.9	274.7	274.9	274.7	274.8	275.0
34.5°	272.9	273.2	272.9	273.0	273.2	273.4
35°	271.1	271.3	271.1	271.3	271.0	271.6
35.5°	269.1	269.1	269.1	269.3	269.5	269.6
36°	267.0	267.1	267.0	267.4	267.7	267.5
36.5°	265.2	265.4	265.2	265.7	265.7	265.6
37°	263.3	263.6	263.3	263.5	263.5	264.0
37.5°	261.3	261.9	261.3	261.6	261.8	262.1
38°	259.4	259.7	259.4	259.8	260.0	260.0
38.5°	257.6	257.6	257.6	257.9	257.7	257.8
39°	255.5	255.9	255.5	255.6	255.7	255.6
39.5°	253.3	253.8	253.3	253.8	253.8	253.8
40°	251.4	251.8	251.4	251.6	251.9	251.8
40.5°	249.3	249.8	249.3	249.5	249.7	250.0
41°	247.3	247.3	247.3	247.6	247.7	247.7
41.5°	245.1	245.5	245.1	245.3	245.7	245.8
42°	243.2	243.3	243.2	243.3	243.4	243.4
42.5°	241.0	241.4	241.0	240.9	241.4	241.2
43°	238.9	239.0	238.9	239.0	239.2	239.2
43.5°	236.6	236.8	236.6	236.6	236.9	236.7
44°	234.3	234.4	234.3	234.5	234.6	235.1
44.5°	232.2	232.1	232.2	232.2	232.5	232.8

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	230.2	230.1	230.2	230.0	230.1	230.3
45.5°	227.7	227.9	227.7	227.9	228.0	228.2
46°	225.6	225.7	225.6	225.7	225.9	225.8
46.5°	223.1	223.2	223.1	223.3	223.5	223.4
47°	220.9	221.1	220.9	221.0	221.2	221.4
47.5°	218.4	218.5	218.4	218.6	218.8	219.0
48°	216.4	216.5	216.4	216.4	216.4	216.7
48.5°	213.8	213.9	213.8	214.0	214.2	214.3
49°	211.7	211.4	211.7	211.7	211.9	211.9
49.5°	209.1	209.2	209.1	209.4	209.4	209.9
50°	206.6	206.7	206.6	207.0	207.1	207.1
50.5°	204.1	204.4	204.1	204.3	204.3	204.9
51°	202.0	201.8	202.0	201.7	202.3	202.5
51.5°	199.5	199.6	199.5	199.6	199.9	199.8
52°	197.0	197.1	197.0	197.2	197.2	197.4
52.5°	194.4	194.4	194.4	194.6	194.8	195.0
53°	192.0	191.9	192.0	192.0	192.3	192.2
53.5°	189.3	189.4	189.3	189.8	189.9	189.9
54°	187.0	186.8	187.0	187.1	187.3	187.4
54.5°	184.5	184.2	184.5	184.5	184.9	184.7
55°	181.9	181.8	181.9	182.0	182.4	182.3
55.5°	179.4	179.4	179.4	179.6	179.7	179.9
56°	176.8	176.7	176.8	176.8	177.1	177.5
56.5°	174.1	174.3	174.1	174.3	174.5	174.4
57°	171.6	171.5	171.6	171.7	172.0	172.1
57.5°	168.9	169.0	168.9	169.0	169.4	169.4
58°	166.3	166.4	166.3	166.6	166.8	166.8
58.5°	163.7	163.8	163.7	163.7	164.1	164.2
59°	161.1	161.0	161.1	161.2	161.6	161.6
59.5°	158.4	158.5	158.4	158.6	159.0	159.0
60°	155.7	155.8	155.7	156.1	156.1	156.4
60.5°	153.1	153.0	153.1	153.3	153.5	153.7
61°	150.5	150.4	150.5	150.6	150.9	150.8
61.5°	147.8	147.7	147.8	147.9	148.1	148.4
62°	145.1	145.2	145.1	145.4	145.6	145.7
62.5°	142.4	142.4	142.4	142.5	142.8	142.9
63°	139.8	139.8	139.8	140.0	140.1	140.4
63.5°	137.0	137.0	137.0	137.3	137.3	137.5
64°	134.3	134.2	134.3	134.5	134.7	134.8
64.5°	131.6	131.6	131.6	131.8	132.1	132.2
65°	128.9	128.9	128.9	129.2	129.2	129.4
65.5°	126.2	126.1	126.2	126.4	126.5	126.9
66°	123.5	123.4	123.5	123.7	123.9	124.2
66.5°	120.8	120.7	120.8	121.0	121.2	121.4
67°	118.2	118.2	118.2	118.3	118.6	118.6

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	115.6	115.4	115.6	115.6	115.7	115.8
68°	112.9	112.9	112.9	112.9	113.1	113.3
68.5°	110.3	110.1	110.3	110.3	110.5	110.5
69°	107.5	107.5	107.5	107.5	107.7	107.9
69.5°	104.8	104.9	104.8	104.9	105.0	105.3
70°	102.3	102.2	102.3	102.2	102.4	102.5
70.5°	99.5	99.6	99.5	99.6	99.8	99.8
71°	97.0	96.9	97.0	97.0	97.3	97.2
71.5°	94.4	94.4	94.4	94.4	94.5	94.6
72°	91.7	91.7	91.7	91.8	92.0	91.9
72.5°	89.2	89.1	89.2	89.2	89.4	89.4
73°	86.6	86.5	86.6	86.6	86.8	86.8
73.5°	84.0	84.0	84.0	84.0	84.2	84.2
74°	81.6	81.5	81.6	81.6	81.7	81.7
74.5°	79.1	79.0	79.1	79.1	79.1	79.2
75°	76.7	76.4	76.7	76.6	76.7	76.7
75.5°	74.2	74.2	74.2	74.1	74.1	74.2
76°	71.7	71.7	71.7	71.6	71.7	71.7
76.5°	69.3	69.2	69.3	69.2	69.3	69.3
77°	66.9	66.9	66.9	66.9	67.0	66.9
77.5°	64.6	64.5	64.6	64.5	64.5	64.6
78°	62.3	62.3	62.3	62.2	62.2	62.2
78.5°	60.0	59.9	60.0	59.9	59.9	59.9
79°	57.7	57.7	57.7	57.6	57.7	57.7
79.5°	55.6	55.5	55.6	55.4	55.4	55.5
80°	53.4	53.5	53.4	53.2	53.3	53.3
80.5°	51.3	51.4	51.3	51.1	51.1	51.2
81°	49.2	49.2	49.2	49.0	49.0	49.1
81.5°	47.1	47.2	47.1	46.9	46.9	47.0
82°	45.1	45.2	45.1	44.9	44.9	45.0
82.5°	43.1	43.3	43.1	42.9	42.9	43.0
83°	41.2	41.4	41.2	41.0	40.9	41.1
83.5°	39.3	39.5	39.3	39.0	39.0	39.2
84°	37.4	37.8	37.4	37.2	37.2	37.4
84.5°	35.6	36.0	35.6	35.4	35.4	35.5
85°	33.9	34.3	33.9	33.6	33.6	33.9
85.5°	32.1	32.6	32.1	31.8	31.9	32.2
86°	30.5	31.0	30.5	30.1	30.2	30.5
86.5°	28.8	29.7	28.8	28.5	28.6	28.9
87°	27.3	28.1	27.3	26.9	27.0	27.4
87.5°	25.7	26.6	25.7	25.3	25.4	25.8
88°	24.2	25.1	24.2	23.8	24.0	24.4
88.5°	22.8	23.6	22.8	22.3	22.6	23.0
89°	21.4	22.2	21.4	20.8	21.2	21.6
89.5°	20.1	20.9	20.1	19.4	19.9	20.2

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	18.9	19.6	18.9	18.2	18.6	18.9
90.5°	17.7	18.4	17.7	16.9	17.4	17.7
91°	16.5	17.2	16.5	15.8	16.2	16.5
91.5°	15.4	16.0	15.4	14.6	15.1	15.4
92°	14.3	15.0	14.3	13.5	14.0	14.2
92.5°	13.3	13.9	13.3	12.5	13.0	13.2
93°	12.3	13.0	12.3	11.5	12.0	12.2
93.5°	11.4	12.0	11.4	10.5	11.0	11.2
94°	10.5	11.0	10.5	9.7	10.1	10.3
94.5°	9.7	10.1	9.7	8.8	9.3	9.5
95°	8.9	9.3	8.9	8.0	8.5	8.7
95.5°	8.1	8.5	8.1	7.3	7.7	7.9
96°	7.4	7.8	7.4	6.6	7.0	7.1
96.5°	6.7	7.1	6.7	6.0	6.3	6.4
97°	6.1	6.4	6.1	5.4	5.7	5.8
97.5°	5.5	5.8	5.5	4.9	5.1	5.2
98°	5.0	5.2	5.0	4.4	4.5	4.6
98.5°	4.4	4.7	4.4	3.9	4.0	4.1
99°	3.9	4.2	3.9	3.5	3.5	3.6
99.5°	3.5	3.7	3.5	3.1	3.1	3.2
100°	3.1	3.3	3.1	2.8	2.7	2.8
100.5°	2.7	2.9	2.7	2.4	2.4	2.4
101°	2.4	2.6	2.4	2.2	2.0	2.1
101.5°	2.1	2.3	2.1	1.9	1.7	1.8
102°	1.8	2.0	1.8	1.6	1.5	1.5
102.5°	1.6	1.7	1.6	1.4	1.3	1.3
103°	1.3	1.4	1.3	1.2	1.1	1.1
103.5°	1.2	1.2	1.2	1.0	0.9	0.9
104°	1.0	1.0	1.0	0.9	0.7	0.7
104.5°	0.9	0.9	0.9	0.8	0.6	0.6
105°	0.7	0.8	0.7	0.6	0.5	0.5
105.5°	0.6	0.7	0.6	0.6	0.4	0.4
106°	0.5	0.6	0.5	0.5	0.4	0.3
106.5°	0.5	0.5	0.5	0.4	0.3	0.3
107°	0.4	0.4	0.4	0.4	0.3	0.3
107.5°	0.3	0.4	0.3	0.3	0.3	0.3
108°	0.3	0.3	0.3	0.3	0.3	0.3
108.5°	0.3	0.3	0.3	0.3	0.3	0.3
109°	0.3	0.3	0.3	0.3	0.3	0.3
109.5°	0.3	0.3	0.3	0.3	0.3	0.4
110°	0.3	0.3	0.3	0.3	0.3	0.4
110.5°	0.3	0.4	0.3	0.3	0.3	0.4
111°	0.3	0.4	0.3	0.3	0.3	0.4
111.5°	0.3	0.4	0.3	0.3	0.3	0.4
112°	0.4	0.4	0.4	0.3	0.3	0.4

TEST NUMBER: P1057167

CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.4	0.4	0.4	0.3	0.3	0.4
113°	0.4	0.4	0.4	0.3	0.3	0.4
113.5°	0.4	0.4	0.4	0.4	0.3	0.4
114°	0.4	0.4	0.4	0.4	0.3	0.4
114.5°	0.4	0.5	0.4	0.4	0.3	0.4
115°	0.4	0.5	0.4	0.4	0.3	0.5
115.5°	0.5	0.5	0.5	0.4	0.4	0.5
116°	0.5	0.5	0.5	0.4	0.4	0.5
116.5°	0.5	0.5	0.5	0.4	0.4	0.5
117°	0.5	0.5	0.5	0.4	0.4	0.5
117.5°	0.5	0.6	0.5	0.4	0.4	0.5
118°	0.5	0.6	0.5	0.4	0.4	0.5
118.5°	0.5	0.6	0.5	0.4	0.4	0.5
119°	0.5	0.6	0.5	0.4	0.4	0.5
119.5°	0.6	0.6	0.6	0.5	0.4	0.5
120°	0.6	0.6	0.6	0.5	0.4	0.6
120.5°	0.6	0.7	0.6	0.5	0.4	0.6
121°	0.6	0.7	0.6	0.5	0.4	0.6
121.5°	0.6	0.7	0.6	0.5	0.4	0.6
122°	0.6	0.7	0.6	0.5	0.4	0.6
122.5°	0.6	0.7	0.6	0.5	0.4	0.6
123°	0.6	0.7	0.6	0.5	0.4	0.6
123.5°	0.6	0.7	0.6	0.5	0.4	0.6
124°	0.6	0.7	0.6	0.5	0.5	0.6
124.5°	0.6	0.8	0.6	0.5	0.5	0.6
125°	0.6	0.8	0.6	0.5	0.5	0.6
125.5°	0.7	0.8	0.7	0.5	0.5	0.6
126°	0.7	0.8	0.7	0.5	0.5	0.6
126.5°	0.7	0.8	0.7	0.5	0.5	0.6
127°	0.7	0.8	0.7	0.5	0.5	0.6
127.5°	0.7	0.8	0.7	0.5	0.5	0.6
128°	0.7	0.8	0.7	0.6	0.5	0.6
128.5°	0.7	0.8	0.7	0.6	0.5	0.6
129°	0.7	0.8	0.7	0.6	0.5	0.6
129.5°	0.7	0.8	0.7	0.6	0.5	0.6
130°	0.7	0.8	0.7	0.7	0.5	0.6
130.5°	0.8	0.8	0.8	0.7	0.5	0.5
131°	0.8	0.8	0.8	0.7	0.5	0.6
131.5°	0.8	0.8	0.8	0.6	0.6	0.7
132°	0.8	0.8	0.8	0.6	0.6	0.7
132.5°	0.8	0.8	0.8	0.6	0.6	0.7
133°	0.8	0.8	0.8	0.6	0.6	0.7
133.5°	0.8	0.8	0.8	0.6	0.6	0.7
134°	0.8	0.8	0.8	0.6	0.6	0.8
134.5°	0.8	0.8	0.8	0.6	0.6	0.8

TEST NUMBER: P1057167
 CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.8	0.8	0.8	0.7	0.6	0.8
135.5°	0.8	0.8	0.8	0.7	0.6	0.8
136°	0.9	0.8	0.9	0.7	0.6	0.8
136.5°	0.9	0.8	0.9	0.7	0.6	0.8
137°	0.9	0.9	0.9	0.7	0.6	0.8
137.5°	0.9	0.9	0.9	0.7	0.6	0.9
138°	0.9	0.9	0.9	0.7	0.6	0.9
138.5°	0.9	0.9	0.9	0.7	0.6	0.9
139°	1.0	0.9	1.0	0.7	0.7	0.9
139.5°	1.0	0.9	1.0	0.7	0.7	0.9
140°	1.0	0.9	1.0	0.7	0.7	0.9
140.5°	1.0	0.9	1.0	0.7	0.7	0.9
141°	1.0	1.0	1.0	0.7	0.7	1.0
141.5°	1.1	1.0	1.1	0.7	0.7	1.0
142°	1.1	1.0	1.1	0.8	0.7	1.0
142.5°	1.1	1.0	1.1	0.8	0.7	1.0
143°	1.1	1.0	1.1	0.8	0.7	1.0
143.5°	1.1	1.0	1.1	0.8	0.7	1.0
144°	1.1	1.0	1.1	0.8	0.7	1.0
144.5°	1.1	1.0	1.1	0.8	0.7	1.0
145°	1.1	1.0	1.1	0.8	0.7	1.0
145.5°	1.1	1.1	1.1	0.8	0.7	1.0
146°	1.2	1.1	1.2	0.8	0.8	1.0
146.5°	1.2	1.1	1.2	0.8	0.8	1.0
147°	1.2	1.1	1.2	0.8	0.8	1.1
147.5°	1.2	1.1	1.2	0.8	0.8	1.1
148°	1.2	1.1	1.2	0.8	0.8	1.1
148.5°	1.3	1.1	1.3	0.9	0.8	1.1
149°	1.3	1.1	1.3	0.9	0.8	1.1
149.5°	1.3	1.1	1.3	0.9	0.8	1.1
150°	1.3	1.2	1.3	0.9	0.8	1.1
150.5°	1.4	1.2	1.4	0.9	0.9	1.1
151°	1.4	1.2	1.4	0.9	0.9	1.1
151.5°	1.4	1.2	1.4	0.9	0.9	1.1
152°	1.4	1.3	1.4	0.9	0.9	1.0
152.5°	1.4	1.3	1.4	0.9	0.9	1.0
153°	1.4	1.4	1.4	0.9	0.9	1.0
153.5°	1.4	1.4	1.4	0.9	0.9	1.0
154°	1.4	1.4	1.4	1.0	0.9	1.0
154.5°	1.5	1.4	1.5	1.0	0.9	1.1
155°	1.5	1.3	1.5	1.0	0.9	1.1
155.5°	1.6	1.3	1.6	1.0	0.9	1.1
156°	1.6	1.3	1.6	1.0	0.9	1.1
156.5°	1.5	1.3	1.5	1.0	0.9	1.1
157°	1.4	1.3	1.4	1.0	0.9	1.0

TEST NUMBER: P1057167
 CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	1.4	1.3	1.4	1.0	0.9	1.0
158°	1.4	1.3	1.4	1.0	0.9	1.0
158.5°	1.4	1.3	1.4	1.0	0.9	1.0
159°	1.4	1.3	1.4	1.0	0.9	1.0
159.5°	1.4	1.3	1.4	1.0	0.9	1.0
160°	1.4	1.3	1.4	1.0	0.9	0.9
160.5°	1.4	1.3	1.4	1.0	0.9	0.9
161°	1.4	1.3	1.4	1.0	0.8	0.9
161.5°	1.3	1.3	1.3	1.0	0.8	0.9
162°	1.3	1.3	1.3	0.9	0.8	0.9
162.5°	1.3	1.2	1.3	0.9	0.8	0.9
163°	1.2	1.1	1.2	0.9	0.8	0.9
163.5°	1.2	1.1	1.2	0.9	0.8	0.9
164°	1.2	1.1	1.2	0.9	0.8	0.9
164.5°	1.2	1.1	1.2	0.9	0.8	0.8
165°	1.2	1.1	1.2	0.9	0.8	0.8
165.5°	1.1	1.1	1.1	0.9	0.7	0.7
166°	1.1	1.1	1.1	0.9	0.8	0.7
166.5°	1.0	1.1	1.0	0.8	0.8	0.7
167°	0.9	1.1	0.9	0.8	0.8	0.7
167.5°	0.8	1.0	0.8	0.7	0.7	0.7
168°	0.8	0.9	0.8	0.7	0.7	0.7
168.5°	0.8	0.8	0.8	0.7	0.8	0.6
169°	0.7	0.7	0.7	0.7	0.8	0.6
169.5°	0.7	0.7	0.7	0.7	0.8	0.6
170°	0.6	0.7	0.6	0.7	0.9	0.7
170.5°	0.6	0.6	0.6	0.7	0.9	0.8
171°	0.6	0.6	0.6	0.6	0.8	0.9
171.5°	0.5	0.6	0.5	0.6	0.7	0.9
172°	0.6	0.6	0.6	0.6	0.7	0.8
172.5°	0.6	0.6	0.6	0.6	0.6	0.6
173°	0.6	0.6	0.6	0.6	0.6	0.4
173.5°	0.5	0.6	0.5	0.6	0.6	0.4
174°	0.5	0.6	0.5	0.6	0.5	0.4
174.5°	0.5	0.6	0.5	0.6	0.4	0.3
175°	0.5	0.6	0.5	0.5	0.3	0.3
175.5°	0.6	0.5	0.6	0.4	0.3	0.3
176°	0.5	0.5	0.5	0.3	0.3	0.3
176.5°	0.3	0.5	0.3	0.3	0.3	0.2
177°	0.3	0.3	0.3	0.3	0.3	0.2
177.5°	0.3	0.3	0.3	0.3	0.3	0.2
178°	0.3	0.3	0.3	0.3	0.3	0.2
178.5°	0.3	0.3	0.3	0.3	0.2	0.2
179°	0.3	0.3	0.3	0.3	0.3	0.3
179.5°	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P1057167
CATALOG NUMBER: HLCEMS410FS1E-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.3	0.3	0.3	0.3	0.3	0.3

(END OF REPORT)