

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: P1057168

Luminaire Tested: **HLCEMS410FS1E-3500K**

Issue Date: 8/5/2025

Test Information

Test Method: LM-79-08
Report Number: P1057168
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-3500K
Description: HLCE Motion Sensor 4 inch at 3500K CCT

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

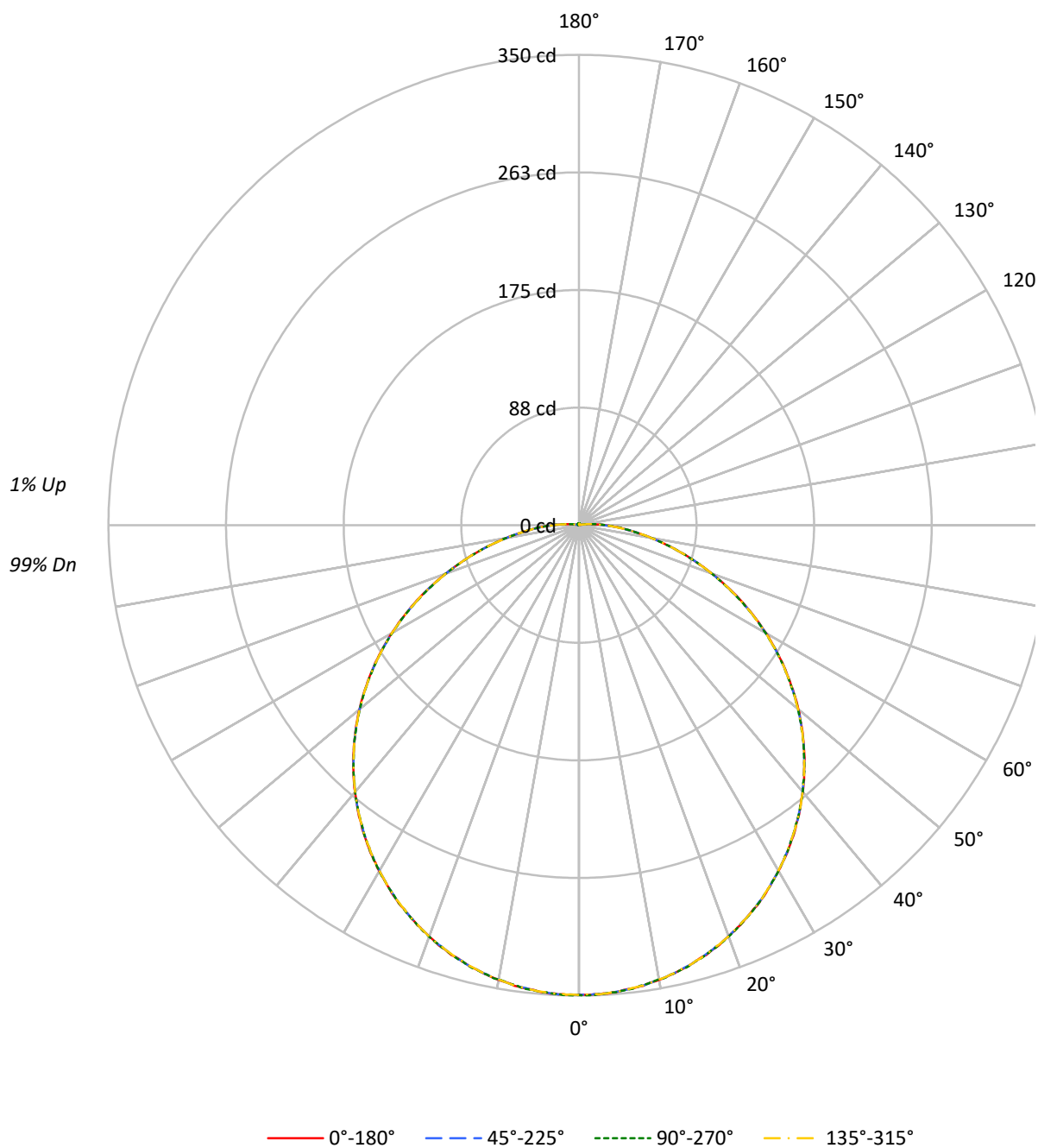
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1065.0 lumens
Efficiency: N/A
Efficacy: 87.3 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

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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
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°				

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ZONAL LUMENS:

	Zone	Lumens	% Fixture
20	0°-10°	33.1	3.1
0	10°-20°	94.8	8.9
	20°-30°	144.1	13.5
99	30°-40°	174.6	16.4
81	40°-50°	182.7	17.2
67	50°-60°	167.4	15.7
56	60°-70°	131.5	12.4
47	70°-80°	83.6	7.9
41	80°-90°	38.7	3.6
36	90°-100°	10.5	1.0
31	100°-110°	1.1	0.1
28	110°-120°	0.4	0.0
25	120°-130°	0.5	0.0
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°	272.0	25.5
	0°-40°	446.5	41.9
	0°-60°	796.6	74.8
	0°-90°	1050.5	98.6
	90°-120°	12.0	1.1
	90°-150°	13.7	1.3
	90°-180°	15.0	1.4
	0°-180°	1065.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°
0°	350	350	350	350	350
5°	348	348	348	348	348
15°	336	336	336	336	336
25°	313	313	313	313	313
35°	280	279	280	279	280
45°	237	237	237	237	237
55°	188	187	188	187	188
65°	133	133	133	133	133
75°	79	79	79	79	79
85°	35	35	35	35	35
90°	20	20	20	20	20
95°	9	10	9	10	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

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CANDELA DISTRIBUTION (FULL):

Flux		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
	0°	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6	349.6
33	0.5°	349.3	349.6	349.4	349.3	350.0	349.3	349.4	349.6	349.3	349.6
95	1°	349.7	349.6	349.2	349.2	349.8	349.2	349.2	349.6	349.7	349.6
144	1.5°	349.5	349.3	349.5	349.3	349.9	349.3	349.5	349.3	349.5	349.3
175	2°	349.2	349.3	349.0	349.2	349.7	349.2	349.0	349.3	349.2	349.3
183	2.5°	349.4	349.1	349.4	349.0	349.1	349.0	349.4	349.1	349.4	349.1
168	3°	348.8	348.8	349.0	348.9	349.3	348.9	349.0	348.8	348.8	348.8
132	3.5°	349.2	349.0	349.0	348.6	348.9	348.6	349.0	349.0	349.2	349.0
84	4°	348.7	348.5	348.5	348.4	348.5	348.4	348.5	348.5	348.7	348.5
33	4.5°	348.7	348.3	348.3	348.3	348.6	348.3	348.3	348.3	348.7	348.3
11	5°	348.2	348.0	348.1	348.2	348.2	348.2	348.1	348.0	348.2	348.0
6	5.5°	347.4	347.4	347.6	347.6	347.8	347.6	347.6	347.4	347.4	347.4
1	6°	347.1	347.5	347.4	347.1	347.5	347.1	347.4	347.5	347.1	347.5
0	6.5°	347.1	346.9	346.8	346.9	347.2	346.9	346.8	346.9	347.1	346.9
1	7°	346.6	346.6	346.4	346.4	347.0	346.4	346.4	346.6	346.6	346.6
1	7.5°	346.2	346.2	346.0	345.9	345.9	345.9	346.0	346.2	346.2	346.2
1	8°	346.0	345.7	345.8	345.4	345.3	345.4	345.8	345.7	346.0	345.7
0	8.5°	345.0	345.4	345.1	345.0	345.2	345.0	345.1	345.4	345.0	345.4
0	9°	344.5	344.6	344.6	344.5	344.3	344.5	344.6	344.6	344.5	344.6
0	9.5°	344.1	344.4	344.0	344.0	343.8	344.0	344.0	344.4	344.1	344.4
	10°	343.7	343.8	343.3	343.3	343.1	343.3	343.3	343.8	343.7	343.8
	10.5°	343.0	343.1	342.7	342.6	343.2	342.6	342.7	343.1	343.0	343.1
	11°	342.4	342.2	342.2	341.9	342.5	341.9	342.2	342.2	342.4	342.2
	11.5°	341.5	341.5	341.4	341.5	341.3	341.5	341.4	341.5	341.5	341.5
	12°	341.0	340.5	340.8	340.6	340.9	340.6	340.8	340.5	341.0	340.5
	12.5°	340.1	340.2	340.1	340.0	340.2	340.0	340.1	340.2	340.1	340.2
	13°	339.4	339.1	339.1	339.3	339.4	339.3	339.1	339.1	339.4	339.1
	13.5°	338.7	338.6	338.4	338.6	339.0	338.6	338.4	338.6	338.7	338.6
	14°	337.9	337.9	337.7	337.5	338.1	337.5	337.7	337.9	337.9	337.9
	14.5°	336.9	337.1	337.1	336.8	337.0	336.8	337.1	337.1	336.9	337.1
	15°	336.1	336.1	335.7	335.7	335.8	335.7	335.7	336.1	336.1	336.1
	15.5°	334.8	335.1	335.1	334.9	335.3	334.9	335.1	335.1	334.8	335.1
	16°	334.0	333.9	334.2	333.8	334.4	333.8	334.2	333.9	334.0	333.9
	16.5°	333.6	333.1	333.0	333.1	333.3	333.1	333.0	333.1	333.6	333.1
	17°	332.4	332.5	332.0	332.1	332.2	332.1	332.0	332.5	332.4	332.5
	17.5°	331.1	331.3	331.1	331.3	330.9	331.3	331.1	331.3	331.1	331.3
	18°	330.3	330.4	329.7	330.1	330.4	330.1	329.7	330.4	330.3	330.4
	18.5°	329.4	329.4	329.0	328.7	328.9	328.7	329.0	329.4	329.4	329.4
	19°	327.9	327.9	327.8	327.8	328.2	327.8	327.8	327.9	327.9	327.9
	19.5°	326.7	326.9	326.6	326.8	326.9	326.8	326.6	326.9	326.7	326.9
	20°	325.7	325.7	325.6	325.5	325.8	325.5	325.6	325.7	325.7	325.7
	20.5°	324.3	324.6	324.4	324.5	324.6	324.5	324.4	324.6	324.3	324.6
	21°	323.3	323.2	322.9	323.1	323.4	323.1	322.9	323.2	323.3	323.2
	21.5°	321.8	322.1	322.0	321.8	322.2	321.8	322.0	322.1	321.8	322.1
	22°	321.0	320.7	320.3	320.7	320.7	320.7	320.3	320.7	321.0	320.7

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CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
349.6	22.5°	319.4	319.3	318.9	319.2	319.4	319.2	318.9	319.3	319.4	319.3
349.4	23°	318.1	318.2	318.1	317.8	318.2	317.8	318.1	318.2	318.1	318.2
349.2	23.5°	316.7	316.8	316.7	316.9	316.9	316.9	316.7	316.8	316.7	316.8
349.5	24°	315.3	315.5	315.4	315.4	315.6	315.4	315.4	315.5	315.3	315.5
349.0	24.5°	313.8	314.0	313.7	313.9	314.0	313.9	313.7	314.0	313.8	314.0
349.4	25°	312.9	312.8	312.5	312.4	312.7	312.4	312.5	312.8	312.9	312.8
349.0	25.5°	311.5	311.5	310.9	311.0	311.4	311.0	310.9	311.5	311.5	311.5
349.0	26°	309.9	309.8	309.8	309.4	309.8	309.4	309.8	309.8	309.9	309.8
348.5	26.5°	308.5	308.2	308.1	308.1	308.1	308.1	308.1	308.2	308.5	308.2
348.3	27°	307.0	306.5	306.5	306.5	306.4	306.5	306.5	306.5	307.0	306.5
348.1	27.5°	305.0	305.3	305.0	304.8	305.2	304.8	305.0	305.3	305.0	305.3
347.6	28°	303.7	303.7	303.4	303.5	303.6	303.5	303.4	303.7	303.7	303.7
347.4	28.5°	301.7	302.0	301.8	301.6	301.7	301.6	301.8	302.0	301.7	302.0
346.8	29°	300.2	300.4	300.1	300.0	300.5	300.0	300.1	300.4	300.2	300.4
346.4	29.5°	298.6	298.8	298.6	298.4	298.8	298.4	298.6	298.8	298.6	298.8
346.0	30°	297.1	296.9	296.8	296.7	297.1	296.7	296.8	296.9	297.1	296.9
345.8	30.5°	295.6	295.4	295.1	295.1	295.3	295.1	295.1	295.4	295.6	295.4
345.1	31°	293.5	293.6	293.7	293.4	293.7	293.4	293.7	293.6	293.5	293.6
344.6	31.5°	292.0	291.6	291.9	291.8	292.0	291.8	291.9	291.6	292.0	291.6
344.0	32°	290.4	290.2	290.0	290.0	289.9	290.0	290.0	290.2	290.4	290.2
343.3	32.5°	288.7	288.4	288.3	288.4	288.5	288.4	288.3	288.4	288.7	288.4
342.7	33°	286.7	286.8	286.1	286.2	286.6	286.2	286.1	286.8	286.7	286.8
342.2	33.5°	284.9	284.6	284.6	284.7	284.6	284.7	284.6	284.6	284.9	284.6
341.4	34°	283.0	282.8	282.7	282.8	282.6	282.8	282.7	282.8	283.0	282.8
340.8	34.5°	281.3	281.1	280.9	280.8	281.1	280.8	280.9	281.1	281.3	281.1
340.1	35°	279.5	278.9	279.1	278.9	279.1	278.9	279.1	278.9	279.5	278.9
339.1	35.5°	277.5	277.3	277.1	276.9	276.9	276.9	277.1	277.3	277.5	277.3
338.4	36°	275.3	275.4	275.1	274.8	274.9	274.8	275.1	275.4	275.3	275.4
337.7	36.5°	273.3	273.4	273.4	272.8	273.1	272.8	273.4	273.4	273.3	273.4
337.1	37°	271.7	271.1	271.2	270.9	271.2	270.9	271.2	271.1	271.7	271.1
335.7	37.5°	269.7	269.4	269.2	268.9	269.5	268.9	269.2	269.4	269.7	269.4
335.1	38°	267.5	267.5	267.4	266.9	267.2	266.9	267.4	267.5	267.5	267.5
334.2	38.5°	265.3	265.2	265.4	265.1	265.0	265.1	265.4	265.2	265.3	265.2
333.0	39°	263.0	263.1	263.0	263.0	263.3	263.0	263.0	263.1	263.0	263.1
332.0	39.5°	261.1	261.1	261.1	260.7	261.2	260.7	261.1	261.1	261.1	261.1
331.1	40°	259.1	259.2	258.9	258.7	259.1	258.7	258.9	259.2	259.1	259.2
329.7	40.5°	257.2	257.0	256.7	256.6	257.0	256.6	256.7	257.0	257.2	257.0
329.0	41°	254.9	254.9	254.8	254.4	254.4	254.4	254.8	254.9	254.9	254.9
327.8	41.5°	252.9	252.8	252.4	252.2	252.6	252.2	252.4	252.8	252.9	252.8
326.6	42°	250.5	250.4	250.4	250.3	250.3	250.3	250.4	250.4	250.5	250.4
325.6	42.5°	248.2	248.4	247.9	248.0	248.4	248.0	247.9	248.4	248.2	248.4
324.4	43°	246.1	246.1	245.9	245.9	245.9	245.9	245.9	246.1	246.1	246.1
322.9	43.5°	243.6	243.7	243.5	243.4	243.7	243.4	243.5	243.7	243.6	243.7
322.0	44°	241.9	241.4	241.3	241.0	241.2	241.0	241.3	241.4	241.9	241.4
320.3	44.5°	239.5	239.2	239.0	239.0	238.9	239.0	239.0	239.2	239.5	239.2

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CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
318.9	45°	236.9	236.7	236.7	236.9	236.8	236.9	236.7	236.7	236.9	236.7
318.1	45.5°	234.8	234.6	234.6	234.3	234.5	234.3	234.6	234.6	234.8	234.6
316.7	46°	232.4	232.5	232.2	232.1	232.3	232.1	232.2	232.5	232.4	232.5
315.4	46.5°	229.9	230.0	229.8	229.6	229.7	229.6	229.8	230.0	229.9	230.0
313.7	47°	227.8	227.6	227.5	227.3	227.5	227.3	227.5	227.6	227.8	227.6
312.5	47.5°	225.4	225.1	225.0	224.8	224.8	224.8	225.0	225.1	225.4	225.1
310.9	48°	223.0	222.7	222.6	222.6	222.8	222.6	222.6	222.7	223.0	222.7
309.8	48.5°	220.5	220.4	220.2	220.0	220.1	220.0	220.2	220.4	220.5	220.4
308.1	49°	218.0	218.0	217.9	217.8	217.5	217.8	217.9	218.0	218.0	218.0
306.5	49.5°	216.0	215.5	215.4	215.1	215.2	215.1	215.4	215.5	216.0	215.5
305.0	50°	213.1	213.1	213.0	212.6	212.7	212.6	213.0	213.1	213.1	213.1
303.4	50.5°	210.8	210.3	210.2	210.1	210.3	210.1	210.2	210.3	210.8	210.3
301.8	51°	208.3	208.1	207.6	207.9	207.7	207.9	207.6	208.1	208.3	208.1
300.1	51.5°	205.6	205.7	205.4	205.2	205.4	205.2	205.4	205.7	205.6	205.7
298.6	52°	203.1	202.9	202.9	202.7	202.8	202.7	202.9	202.9	203.1	202.9
296.8	52.5°	200.6	200.4	200.2	200.1	200.0	200.1	200.2	200.4	200.6	200.4
295.1	53°	197.7	197.8	197.6	197.6	197.4	197.6	197.6	197.8	197.7	197.8
293.7	53.5°	195.4	195.4	195.3	194.8	194.9	194.8	195.3	195.4	195.4	195.4
291.9	54°	192.8	192.8	192.5	192.4	192.2	192.4	192.5	192.8	192.8	192.8
290.0	54.5°	190.1	190.3	189.9	189.8	189.6	189.8	189.9	190.3	190.1	190.3
288.3	55°	187.6	187.7	187.3	187.2	187.1	187.2	187.3	187.7	187.6	187.7
286.1	55.5°	185.1	184.9	184.8	184.6	184.6	184.6	184.8	184.9	185.1	184.9
284.6	56°	182.7	182.3	182.0	182.0	181.8	182.0	182.0	182.3	182.7	182.3
282.7	56.5°	179.5	179.5	179.3	179.1	179.3	179.1	179.3	179.5	179.5	179.5
280.9	57°	177.1	177.0	176.7	176.6	176.5	176.6	176.7	177.0	177.1	177.0
279.1	57.5°	174.3	174.3	173.9	173.8	173.9	173.8	173.9	174.3	174.3	174.3
277.1	58°	171.6	171.7	171.4	171.2	171.3	171.2	171.4	171.7	171.6	171.7
275.1	58.5°	168.9	168.8	168.5	168.5	168.5	168.5	168.5	168.8	168.9	168.8
273.4	59°	166.3	166.2	165.9	165.8	165.7	165.8	165.9	166.2	166.3	166.2
271.2	59.5°	163.6	163.6	163.2	163.0	163.1	163.0	163.2	163.6	163.6	163.6
269.2	60°	161.0	160.6	160.7	160.3	160.3	160.3	160.7	160.6	161.0	160.6
267.4	60.5°	158.1	158.0	157.7	157.6	157.4	157.6	157.7	158.0	158.1	158.0
265.4	61°	155.2	155.3	155.0	154.8	154.7	154.8	155.0	155.3	155.2	155.3
263.0	61.5°	152.7	152.4	152.2	152.1	152.0	152.1	152.2	152.4	152.7	152.4
261.1	62°	149.9	149.8	149.6	149.3	149.4	149.3	149.6	149.8	149.9	149.8
258.9	62.5°	147.1	146.9	146.6	146.6	146.5	146.6	146.6	146.9	147.1	146.9
256.7	63°	144.4	144.1	144.0	143.9	143.8	143.9	144.0	144.1	144.4	144.1
254.8	63.5°	141.4	141.3	141.3	141.0	141.0	141.0	141.3	141.3	141.4	141.3
252.4	64°	138.7	138.6	138.4	138.2	138.1	138.2	138.4	138.6	138.7	138.6
250.4	64.5°	136.1	135.9	135.6	135.4	135.4	135.4	135.6	135.9	136.1	135.9
247.9	65°	133.2	133.0	132.9	132.7	132.6	132.7	132.9	133.0	133.2	133.0
245.9	65.5°	130.5	130.1	130.1	129.9	129.8	129.9	130.1	130.1	130.5	130.1
243.5	66°	127.8	127.5	127.3	127.1	127.0	127.1	127.3	127.5	127.8	127.5
241.3	66.5°	124.9	124.7	124.5	124.3	124.2	124.3	124.5	124.7	124.9	124.7
239.0	67°	122.0	122.0	121.7	121.6	121.6	121.6	121.7	122.0	122.0	122.0

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
236.7	67.5°	119.2	119.1	119.0	118.9	118.7	118.9	119.0	119.1	119.2	119.1
234.6	68°	116.6	116.4	116.2	116.1	116.1	116.1	116.2	116.4	116.6	116.4
232.2	68.5°	113.7	113.7	113.5	113.5	113.3	113.5	113.5	113.7	113.7	113.7
229.8	69°	111.0	110.9	110.6	110.6	110.6	110.6	110.6	110.9	111.0	110.9
227.5	69.5°	108.3	108.1	108.0	107.8	107.9	107.8	108.0	108.1	108.3	108.1
225.0	70°	105.5	105.4	105.2	105.2	105.2	105.2	105.2	105.4	105.5	105.4
222.6	70.5°	102.7	102.7	102.5	102.4	102.5	102.4	102.5	102.7	102.7	102.7
220.2	71°	100.0	100.1	99.8	99.8	99.7	99.8	99.8	100.1	100.0	100.1
217.9	71.5°	97.4	97.3	97.1	97.1	97.1	97.1	97.1	97.3	97.4	97.3
215.4	72°	94.6	94.7	94.5	94.4	94.4	94.4	94.5	94.7	94.6	94.7
213.0	72.5°	92.0	92.0	91.7	91.8	91.7	91.8	91.7	92.0	92.0	92.0
210.2	73°	89.3	89.3	89.2	89.1	89.0	89.1	89.2	89.3	89.3	89.3
207.6	73.5°	86.6	86.7	86.5	86.5	86.4	86.5	86.5	86.7	86.6	86.7
205.4	74°	84.0	84.1	84.0	83.9	83.9	83.9	84.0	84.1	84.0	84.1
202.9	74.5°	81.5	81.4	81.4	81.4	81.3	81.4	81.4	81.4	81.5	81.4
200.2	75°	78.9	78.9	78.8	78.9	78.7	78.9	78.8	78.9	78.9	78.9
197.6	75.5°	76.3	76.3	76.2	76.4	76.3	76.4	76.2	76.3	76.3	76.3
195.3	76°	73.8	73.8	73.7	73.8	73.7	73.8	73.7	73.8	73.8	73.8
192.5	76.5°	71.4	71.3	71.2	71.3	71.2	71.3	71.2	71.3	71.4	71.3
189.9	77°	68.9	68.9	68.8	68.9	68.9	68.9	68.8	68.9	68.9	68.9
187.3	77.5°	66.4	66.4	66.3	66.5	66.4	66.5	66.3	66.4	66.4	66.4
184.8	78°	64.0	64.0	64.0	64.1	64.1	64.1	64.0	64.0	64.0	64.0
182.0	78.5°	61.7	61.6	61.6	61.7	61.7	61.7	61.6	61.6	61.7	61.6
179.3	79°	59.4	59.3	59.3	59.4	59.4	59.4	59.3	59.3	59.4	59.3
176.7	79.5°	57.1	57.1	57.0	57.2	57.2	57.2	57.0	57.1	57.1	57.1
173.9	80°	54.8	54.8	54.8	54.9	55.0	54.9	54.8	54.8	54.8	54.8
171.4	80.5°	52.7	52.6	52.6	52.8	52.9	52.8	52.6	52.6	52.7	52.6
168.5	81°	50.5	50.4	50.4	50.6	50.7	50.6	50.4	50.4	50.5	50.4
165.9	81.5°	48.4	48.3	48.3	48.5	48.6	48.5	48.3	48.3	48.4	48.3
163.2	82°	46.3	46.2	46.2	46.4	46.6	46.4	46.2	46.2	46.3	46.2
160.7	82.5°	44.3	44.1	44.1	44.4	44.5	44.4	44.1	44.1	44.3	44.1
157.7	83°	42.3	42.1	42.1	42.4	42.6	42.4	42.1	42.1	42.3	42.1
155.0	83.5°	40.3	40.1	40.2	40.4	40.7	40.4	40.2	40.1	40.3	40.1
152.2	84°	38.5	38.2	38.3	38.5	38.9	38.5	38.3	38.2	38.5	38.2
149.6	84.5°	36.6	36.4	36.4	36.7	37.1	36.7	36.4	36.4	36.6	36.4
146.6	85°	34.8	34.6	34.6	34.8	35.3	34.8	34.6	34.6	34.8	34.6
144.0	85.5°	33.1	32.8	32.7	33.1	33.5	33.1	32.7	32.8	33.1	32.8
141.3	86°	31.4	31.1	31.0	31.4	31.9	31.4	31.0	31.1	31.4	31.1
138.4	86.5°	29.8	29.4	29.3	29.7	30.6	29.7	29.3	29.4	29.8	29.4
135.6	87°	28.2	27.8	27.7	28.0	28.9	28.0	27.7	27.8	28.2	27.8
132.9	87.5°	26.6	26.2	26.1	26.5	27.3	26.5	26.1	26.2	26.6	26.2
130.1	88°	25.1	24.7	24.5	24.9	25.8	24.9	24.5	24.7	25.1	24.7
127.3	88.5°	23.6	23.2	22.9	23.4	24.2	23.4	22.9	23.2	23.6	23.2
124.5	89°	22.2	21.8	21.4	22.0	22.8	22.0	21.4	21.8	22.2	21.8
121.7	89.5°	20.8	20.4	20.0	20.7	21.5	20.7	20.0	20.4	20.8	20.4

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
119.0	90°	19.5	19.1	18.7	19.4	20.2	19.4	18.7	19.1	19.5	19.1
116.2	90.5°	18.2	17.9	17.4	18.2	18.9	18.2	17.4	17.9	18.2	17.9
113.5	91°	17.0	16.7	16.2	17.0	17.7	17.0	16.2	16.7	17.0	16.7
110.6	91.5°	15.8	15.5	15.0	15.9	16.5	15.9	15.0	15.5	15.8	15.5
108.0	92°	14.6	14.4	13.9	14.8	15.4	14.8	13.9	14.4	14.6	14.4
105.2	92.5°	13.6	13.3	12.8	13.7	14.3	13.7	12.8	13.3	13.6	13.3
102.5	93°	12.5	12.3	11.8	12.7	13.3	12.7	11.8	12.3	12.5	12.3
99.8	93.5°	11.6	11.4	10.8	11.7	12.3	11.7	10.8	11.4	11.6	11.4
97.1	94°	10.6	10.4	9.9	10.8	11.4	10.8	9.9	10.4	10.6	10.4
94.5	94.5°	9.8	9.5	9.1	10.0	10.4	10.0	9.1	9.5	9.8	9.5
91.7	95°	8.9	8.7	8.3	9.1	9.5	9.1	8.3	8.7	8.9	8.7
89.2	95.5°	8.1	7.9	7.5	8.4	8.7	8.4	7.5	7.9	8.1	7.9
86.5	96°	7.3	7.2	6.8	7.6	8.0	7.6	6.8	7.2	7.3	7.2
84.0	96.5°	6.6	6.5	6.1	6.9	7.3	6.9	6.1	6.5	6.6	6.5
81.4	97°	5.9	5.8	5.5	6.3	6.6	6.3	5.5	5.8	5.9	5.8
78.8	97.5°	5.3	5.2	5.0	5.7	6.0	5.7	5.0	5.2	5.3	5.2
76.2	98°	4.7	4.6	4.5	5.1	5.4	5.1	4.5	4.6	4.7	4.6
73.7	98.5°	4.2	4.1	4.0	4.6	4.8	4.6	4.0	4.1	4.2	4.1
71.2	99°	3.7	3.6	3.6	4.0	4.3	4.0	3.6	3.6	3.7	3.6
68.8	99.5°	3.3	3.2	3.2	3.6	3.9	3.6	3.2	3.2	3.3	3.2
66.3	100°	2.9	2.8	2.8	3.2	3.4	3.2	2.8	2.8	2.9	2.8
64.0	100.5°	2.5	2.4	2.5	2.8	3.0	2.8	2.5	2.4	2.5	2.4
61.6	101°	2.2	2.1	2.2	2.5	2.6	2.5	2.2	2.1	2.2	2.1
59.3	101.5°	1.9	1.8	1.9	2.2	2.3	2.2	1.9	1.8	1.9	1.8
57.0	102°	1.6	1.5	1.7	1.9	2.0	1.9	1.7	1.5	1.6	1.5
54.8	102.5°	1.3	1.3	1.5	1.6	1.7	1.6	1.5	1.3	1.3	1.3
52.6	103°	1.1	1.1	1.3	1.4	1.5	1.4	1.3	1.1	1.1	1.1
50.4	103.5°	0.9	0.9	1.1	1.2	1.2	1.2	1.1	0.9	0.9	0.9
48.3	104°	0.7	0.8	0.9	1.0	1.1	1.0	0.9	0.8	0.7	0.8
46.2	104.5°	0.6	0.6	0.8	0.9	0.9	0.9	0.8	0.6	0.6	0.6
44.1	105°	0.5	0.5	0.7	0.8	0.8	0.8	0.7	0.5	0.5	0.5
42.1	105.5°	0.4	0.4	0.6	0.7	0.7	0.7	0.6	0.4	0.4	0.4
40.2	106°	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.3	0.4
38.3	106.5°	0.3	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.3	0.3
36.4	107°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
34.6	107.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
32.7	108°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
31.0	108.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
29.3	109°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
27.7	109.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3
26.1	110°	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3
24.5	110.5°	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3
22.9	111°	0.4	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3
21.4	111.5°	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.3
20.0	112°	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.3

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
18.7	112.5°	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3
17.4	113°	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3
16.2	113.5°	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3
15.0	114°	0.4	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.4	0.3
13.9	114.5°	0.5	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.5	0.3
12.8	115°	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.4
11.8	115.5°	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.4
10.8	116°	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.4
9.9	116.5°	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.4
9.1	117°	0.5	0.4	0.4	0.5	0.6	0.5	0.4	0.4	0.5	0.4
8.3	117.5°	0.5	0.4	0.4	0.5	0.6	0.5	0.4	0.4	0.5	0.4
7.5	118°	0.5	0.4	0.4	0.5	0.6	0.5	0.4	0.4	0.5	0.4
6.8	118.5°	0.5	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.5	0.4
6.1	119°	0.6	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.6	0.4
5.5	119.5°	0.6	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.6	0.4
5.0	120°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
4.5	120.5°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
4.0	121°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
3.6	121.5°	0.6	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.6	0.4
3.2	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
2.5	123°	0.6	0.5	0.5	0.6	0.7	0.6	0.5	0.5	0.6	0.5
2.2	123.5°	0.6	0.5	0.5	0.6	0.8	0.6	0.5	0.5	0.6	0.5
1.9	124°	0.6	0.5	0.5	0.7	0.8	0.7	0.5	0.5	0.6	0.5
1.7	124.5°	0.6	0.5	0.5	0.7	0.8	0.7	0.5	0.5	0.6	0.5
1.5	125°	0.6	0.5	0.5	0.7	0.8	0.7	0.5	0.5	0.6	0.5
1.3	125.5°	0.6	0.5	0.5	0.7	0.8	0.7	0.5	0.5	0.6	0.5
1.1	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
0.7	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°	0.7	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.7	0.5
0.5	128.5°	0.7	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.7	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	0.7	0.7	0.8	0.7	0.7	0.5	0.6	0.5
0.3	130°	0.6	0.5	0.7	0.8	0.8	0.8	0.7	0.5	0.6	0.5
0.3	130.5°	0.6	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.6	0.6
0.3	131°	0.6	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.6	0.6
0.3	131.5°	0.7	0.6	0.6	0.9	0.8	0.9	0.6	0.6	0.7	0.6
0.3	132°	0.7	0.6	0.6	0.9	0.8	0.9	0.6	0.6	0.7	0.6
0.3	132.5°	0.8	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.8	0.6
0.3	133°	0.8	0.6	0.6	0.8	0.8	0.8	0.6	0.6	0.8	0.6
0.3	133.5°	0.8	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.8	0.6
0.3	134°	0.8	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.8	0.6
0.3	134.5°	0.8	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.8	0.6

TEST NUMBER: P1057168

CATALOG NUMBER: HLCMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
0.4	135°	0.8	0.6	0.7	0.9	0.8	0.9	0.7	0.6	0.8	0.6
0.4	135.5°	0.8	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.8	0.6
0.4	136°	0.8	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.8	0.6
0.4	136.5°	0.9	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.9	0.6
0.4	137°	0.9	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.9	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	1.0	0.9	1.0	0.7	0.6	0.9	0.6
0.4	138.5°	0.9	0.7	0.7	1.0	0.9	1.0	0.7	0.7	0.9	0.7
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°	1.0	0.7	0.7	1.0	0.9	1.0	0.7	0.7	1.0	0.7
0.4	140°	1.0	0.7	0.7	1.0	1.0	1.0	0.7	0.7	1.0	0.7
0.4	140.5°	1.0	0.7	0.7	1.0	1.0	1.0	0.7	0.7	1.0	0.7
0.5	141°	1.0	0.7	0.8	1.1	1.0	1.1	0.8	0.7	1.0	0.7
0.5	141.5°	1.0	0.7	0.8	1.1	1.0	1.1	0.8	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	1.2	1.0	1.2	0.8	0.7	1.0	0.7
0.5	144°	1.0	0.7	0.8	1.2	1.1	1.2	0.8	0.7	1.0	0.7
0.5	144.5°	1.0	0.8	0.8	1.2	1.1	1.2	0.8	0.8	1.0	0.8
0.5	145°	1.0	0.8	0.8	1.2	1.1	1.2	0.8	0.8	1.0	0.8
0.5	145.5°	1.0	0.8	0.8	1.2	1.1	1.2	0.8	0.8	1.0	0.8
0.5	146°	1.1	0.8	0.8	1.2	1.1	1.2	0.8	0.8	1.1	0.8
0.5	146.5°	1.1	0.8	0.9	1.2	1.1	1.2	0.9	0.8	1.1	0.8
0.5	147°	1.1	0.8	0.9	1.2	1.1	1.2	0.9	0.8	1.1	0.8
0.5	147.5°	1.1	0.8	0.9	1.2	1.1	1.2	0.9	0.8	1.1	0.8
0.5	148°	1.1	0.8	0.9	1.3	1.1	1.3	0.9	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	1.2	1.3	0.9	0.8	1.1	0.8
0.5	149.5°	1.1	0.9	0.9	1.3	1.2	1.3	0.9	0.9	1.1	0.9
0.5	150°	1.1	0.9	0.9	1.4	1.2	1.4	0.9	0.9	1.1	0.9
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	1.3	1.4	0.9	0.9	1.1	0.9
0.7	152°	1.1	0.9	0.9	1.4	1.3	1.4	0.9	0.9	1.1	0.9
0.7	152.5°	1.1	0.9	0.9	1.4	1.4	1.4	0.9	0.9	1.1	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	1.0	1.4	1.4	1.4	1.0	0.9	1.0	0.9
0.6	154°	1.1	0.9	1.0	1.5	1.4	1.5	1.0	0.9	1.1	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	1.6	1.3	1.6	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
0.7	156°	1.1	1.0	1.0	1.7	1.3	1.7	1.0	1.0	1.1	1.0
0.7	156.5°	1.1	1.0	1.0	1.6	1.3	1.6	1.0	1.0	1.1	1.0
0.7	157°	1.1	1.0	1.0	1.4	1.3	1.4	1.0	1.0	1.1	1.0

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

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	1.5	1.3	1.5	1.0	0.9	1.0	0.9
0.7	158°	1.0	0.9	1.0	1.5	1.3	1.5	1.0	0.9	1.0	0.9
0.7	158.5°	1.0	0.9	1.0	1.5	1.4	1.5	1.0	0.9	1.0	0.9
0.7	159°	1.0	0.9	1.0	1.5	1.4	1.5	1.0	0.9	1.0	0.9
0.7	159.5°	1.0	0.9	1.1	1.5	1.4	1.5	1.1	0.9	1.0	0.9
0.7	160°	1.0	0.9	1.0	1.4	1.4	1.4	1.0	0.9	1.0	0.9
0.7	160.5°	1.0	0.9	1.0	1.4	1.4	1.4	1.0	0.9	1.0	0.9
0.7	161°	1.0	0.8	1.0	1.4	1.4	1.4	1.0	0.8	1.0	0.8
0.7	161.5°	1.0	0.8	1.0	1.4	1.3	1.4	1.0	0.8	1.0	0.8
0.7	162°	0.9	0.8	1.0	1.3	1.3	1.3	1.0	0.8	0.9	0.8
0.7	162.5°	0.9	0.9	0.9	1.3	1.2	1.3	0.9	0.9	0.9	0.9
0.7	163°	0.9	0.9	0.9	1.3	1.2	1.3	0.9	0.9	0.9	0.9
0.8	163.5°	0.9	0.9	0.9	1.3	1.1	1.3	0.9	0.9	0.9	0.9
0.8	164°	0.9	0.8	0.9	1.3	1.1	1.3	0.9	0.8	0.9	0.8
0.8	164.5°	0.9	0.8	0.9	1.3	1.1	1.3	0.9	0.8	0.9	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	0.8	0.9	1.1	1.1	1.1	0.9	0.8	0.7	0.8
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	0.8	0.8	0.9	1.1	0.9	0.8	0.8	0.7	0.8
0.8	168°	0.7	0.8	0.7	0.8	0.9	0.8	0.7	0.8	0.7	0.8
0.8	168.5°	0.7	0.8	0.7	0.8	0.8	0.8	0.7	0.8	0.7	0.8
0.9	169°	0.7	0.8	0.7	0.8	0.8	0.8	0.7	0.8	0.7	0.8
0.9	169.5°	0.7	0.9	0.7	0.7	0.8	0.7	0.7	0.9	0.7	0.9
0.9	170°	0.7	0.9	0.7	0.7	0.7	0.7	0.7	0.9	0.7	0.9
0.9	170.5°	0.9	0.9	0.7	0.6	0.6	0.6	0.7	0.9	0.9	0.9
0.9	171°	0.9	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.9	0.8
0.9	171.5°	0.9	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.9	0.7
0.9	172°	0.9	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.9	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	0.6	0.6	0.6	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	0.6	0.6	0.6	0.6	0.6	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
1.0	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°	0.3	0.3	0.3	0.4	0.5	0.4	0.3	0.3	0.3	0.3
1.0	177°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1.0	177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1.0	178°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1.0	178.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
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: P1057168
 CATALOG NUMBER: HLCEMS410FS1E-3500K

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: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

225°		247.5°	270°	292.5°	315°	337.5°	360°
0.3	0°	349.6	349.6	349.6	349.6	349.6	349.6
	0.5°	349.3	350.0	349.3	349.4	349.6	349.3
	1°	349.2	349.8	349.2	349.2	349.6	349.7
	1.5°	349.3	349.9	349.3	349.5	349.3	349.5
	2°	349.2	349.7	349.2	349.0	349.3	349.2
	2.5°	349.0	349.1	349.0	349.4	349.1	349.4
	3°	348.9	349.3	348.9	349.0	348.8	348.8
	3.5°	348.6	348.9	348.6	349.0	349.0	349.2
	4°	348.4	348.5	348.4	348.5	348.5	348.7
	4.5°	348.3	348.6	348.3	348.3	348.3	348.7
	5°	348.2	348.2	348.2	348.1	348.0	348.2
	5.5°	347.6	347.8	347.6	347.6	347.4	347.4
	6°	347.1	347.5	347.1	347.4	347.5	347.1
	6.5°	346.9	347.2	346.9	346.8	346.9	347.1
	7°	346.4	347.0	346.4	346.4	346.6	346.6
	7.5°	345.9	345.9	345.9	346.0	346.2	346.2
	8°	345.4	345.3	345.4	345.8	345.7	346.0
	8.5°	345.0	345.2	345.0	345.1	345.4	345.0
	9°	344.5	344.3	344.5	344.6	344.6	344.5
	9.5°	344.0	343.8	344.0	344.0	344.4	344.1
	10°	343.3	343.1	343.3	343.3	343.8	343.7
	10.5°	342.6	343.2	342.6	342.7	343.1	343.0
	11°	341.9	342.5	341.9	342.2	342.2	342.4
	11.5°	341.5	341.3	341.5	341.4	341.5	341.5
	12°	340.6	340.9	340.6	340.8	340.5	341.0
	12.5°	340.0	340.2	340.0	340.1	340.2	340.1
	13°	339.3	339.4	339.3	339.1	339.1	339.4
	13.5°	338.6	339.0	338.6	338.4	338.6	338.7
	14°	337.5	338.1	337.5	337.7	337.9	337.9
	14.5°	336.8	337.0	336.8	337.1	337.1	336.9
	15°	335.7	335.8	335.7	335.7	336.1	336.1
	15.5°	334.9	335.3	334.9	335.1	335.1	334.8
	16°	333.8	334.4	333.8	334.2	333.9	334.0
	16.5°	333.1	333.3	333.1	333.0	333.1	333.6
	17°	332.1	332.2	332.1	332.0	332.5	332.4
	17.5°	331.3	330.9	331.3	331.1	331.3	331.1
	18°	330.1	330.4	330.1	329.7	330.4	330.3
	18.5°	328.7	328.9	328.7	329.0	329.4	329.4
	19°	327.8	328.2	327.8	327.8	327.9	327.9
	19.5°	326.8	326.9	326.8	326.6	326.9	326.7
	20°	325.5	325.8	325.5	325.6	325.7	325.7
	20.5°	324.5	324.6	324.5	324.4	324.6	324.3
	21°	323.1	323.4	323.1	322.9	323.2	323.3
	21.5°	321.8	322.2	321.8	322.0	322.1	321.8
	22°	320.7	320.7	320.7	320.3	320.7	321.0

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	319.2	319.4	319.2	318.9	319.3	319.4
23°	317.8	318.2	317.8	318.1	318.2	318.1
23.5°	316.9	316.9	316.9	316.7	316.8	316.7
24°	315.4	315.6	315.4	315.4	315.5	315.3
24.5°	313.9	314.0	313.9	313.7	314.0	313.8
25°	312.4	312.7	312.4	312.5	312.8	312.9
25.5°	311.0	311.4	311.0	310.9	311.5	311.5
26°	309.4	309.8	309.4	309.8	309.8	309.9
26.5°	308.1	308.1	308.1	308.1	308.2	308.5
27°	306.5	306.4	306.5	306.5	306.5	307.0
27.5°	304.8	305.2	304.8	305.0	305.3	305.0
28°	303.5	303.6	303.5	303.4	303.7	303.7
28.5°	301.6	301.7	301.6	301.8	302.0	301.7
29°	300.0	300.5	300.0	300.1	300.4	300.2
29.5°	298.4	298.8	298.4	298.6	298.8	298.6
30°	296.7	297.1	296.7	296.8	296.9	297.1
30.5°	295.1	295.3	295.1	295.1	295.4	295.6
31°	293.4	293.7	293.4	293.7	293.6	293.5
31.5°	291.8	292.0	291.8	291.9	291.6	292.0
32°	290.0	289.9	290.0	290.0	290.2	290.4
32.5°	288.4	288.5	288.4	288.3	288.4	288.7
33°	286.2	286.6	286.2	286.1	286.8	286.7
33.5°	284.7	284.6	284.7	284.6	284.6	284.9
34°	282.8	282.6	282.8	282.7	282.8	283.0
34.5°	280.8	281.1	280.8	280.9	281.1	281.3
35°	278.9	279.1	278.9	279.1	278.9	279.5
35.5°	276.9	276.9	276.9	277.1	277.3	277.5
36°	274.8	274.9	274.8	275.1	275.4	275.3
36.5°	272.8	273.1	272.8	273.4	273.4	273.3
37°	270.9	271.2	270.9	271.2	271.1	271.7
37.5°	268.9	269.5	268.9	269.2	269.4	269.7
38°	266.9	267.2	266.9	267.4	267.5	267.5
38.5°	265.1	265.0	265.1	265.4	265.2	265.3
39°	263.0	263.3	263.0	263.0	263.1	263.0
39.5°	260.7	261.2	260.7	261.1	261.1	261.1
40°	258.7	259.1	258.7	258.9	259.2	259.1
40.5°	256.6	257.0	256.6	256.7	257.0	257.2
41°	254.4	254.4	254.4	254.8	254.9	254.9
41.5°	252.2	252.6	252.2	252.4	252.8	252.9
42°	250.3	250.3	250.3	250.4	250.4	250.5
42.5°	248.0	248.4	248.0	247.9	248.4	248.2
43°	245.9	245.9	245.9	245.9	246.1	246.1
43.5°	243.4	243.7	243.4	243.5	243.7	243.6
44°	241.0	241.2	241.0	241.3	241.4	241.9
44.5°	239.0	238.9	239.0	239.0	239.2	239.5

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	236.9	236.8	236.9	236.7	236.7	236.9
45.5°	234.3	234.5	234.3	234.6	234.6	234.8
46°	232.1	232.3	232.1	232.2	232.5	232.4
46.5°	229.6	229.7	229.6	229.8	230.0	229.9
47°	227.3	227.5	227.3	227.5	227.6	227.8
47.5°	224.8	224.8	224.8	225.0	225.1	225.4
48°	222.6	222.8	222.6	222.6	222.7	223.0
48.5°	220.0	220.1	220.0	220.2	220.4	220.5
49°	217.8	217.5	217.8	217.9	218.0	218.0
49.5°	215.1	215.2	215.1	215.4	215.5	216.0
50°	212.6	212.7	212.6	213.0	213.1	213.1
50.5°	210.1	210.3	210.1	210.2	210.3	210.8
51°	207.9	207.7	207.9	207.6	208.1	208.3
51.5°	205.2	205.4	205.2	205.4	205.7	205.6
52°	202.7	202.8	202.7	202.9	202.9	203.1
52.5°	200.1	200.0	200.1	200.2	200.4	200.6
53°	197.6	197.4	197.6	197.6	197.8	197.7
53.5°	194.8	194.9	194.8	195.3	195.4	195.4
54°	192.4	192.2	192.4	192.5	192.8	192.8
54.5°	189.8	189.6	189.8	189.9	190.3	190.1
55°	187.2	187.1	187.2	187.3	187.7	187.6
55.5°	184.6	184.6	184.6	184.8	184.9	185.1
56°	182.0	181.8	182.0	182.0	182.3	182.7
56.5°	179.1	179.3	179.1	179.3	179.5	179.5
57°	176.6	176.5	176.6	176.7	177.0	177.1
57.5°	173.8	173.9	173.8	173.9	174.3	174.3
58°	171.2	171.3	171.2	171.4	171.7	171.6
58.5°	168.5	168.5	168.5	168.5	168.8	168.9
59°	165.8	165.7	165.8	165.9	166.2	166.3
59.5°	163.0	163.1	163.0	163.2	163.6	163.6
60°	160.3	160.3	160.3	160.7	160.6	161.0
60.5°	157.6	157.4	157.6	157.7	158.0	158.1
61°	154.8	154.7	154.8	155.0	155.3	155.2
61.5°	152.1	152.0	152.1	152.2	152.4	152.7
62°	149.3	149.4	149.3	149.6	149.8	149.9
62.5°	146.6	146.5	146.6	146.6	146.9	147.1
63°	143.9	143.8	143.9	144.0	144.1	144.4
63.5°	141.0	141.0	141.0	141.3	141.3	141.4
64°	138.2	138.1	138.2	138.4	138.6	138.7
64.5°	135.4	135.4	135.4	135.6	135.9	136.1
65°	132.7	132.6	132.7	132.9	133.0	133.2
65.5°	129.9	129.8	129.9	130.1	130.1	130.5
66°	127.1	127.0	127.1	127.3	127.5	127.8
66.5°	124.3	124.2	124.3	124.5	124.7	124.9
67°	121.6	121.6	121.6	121.7	122.0	122.0

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	118.9	118.7	118.9	119.0	119.1	119.2
68°	116.1	116.1	116.1	116.2	116.4	116.6
68.5°	113.5	113.3	113.5	113.5	113.7	113.7
69°	110.6	110.6	110.6	110.6	110.9	111.0
69.5°	107.8	107.9	107.8	108.0	108.1	108.3
70°	105.2	105.2	105.2	105.2	105.4	105.5
70.5°	102.4	102.5	102.4	102.5	102.7	102.7
71°	99.8	99.7	99.8	99.8	100.1	100.0
71.5°	97.1	97.1	97.1	97.1	97.3	97.4
72°	94.4	94.4	94.4	94.5	94.7	94.6
72.5°	91.8	91.7	91.8	91.7	92.0	92.0
73°	89.1	89.0	89.1	89.2	89.3	89.3
73.5°	86.5	86.4	86.5	86.5	86.7	86.6
74°	83.9	83.9	83.9	84.0	84.1	84.0
74.5°	81.4	81.3	81.4	81.4	81.4	81.5
75°	78.9	78.7	78.9	78.8	78.9	78.9
75.5°	76.4	76.3	76.4	76.2	76.3	76.3
76°	73.8	73.7	73.8	73.7	73.8	73.8
76.5°	71.3	71.2	71.3	71.2	71.3	71.4
77°	68.9	68.9	68.9	68.8	68.9	68.9
77.5°	66.5	66.4	66.5	66.3	66.4	66.4
78°	64.1	64.1	64.1	64.0	64.0	64.0
78.5°	61.7	61.7	61.7	61.6	61.6	61.7
79°	59.4	59.4	59.4	59.3	59.3	59.4
79.5°	57.2	57.2	57.2	57.0	57.1	57.1
80°	54.9	55.0	54.9	54.8	54.8	54.8
80.5°	52.8	52.9	52.8	52.6	52.6	52.7
81°	50.6	50.7	50.6	50.4	50.4	50.5
81.5°	48.5	48.6	48.5	48.3	48.3	48.4
82°	46.4	46.6	46.4	46.2	46.2	46.3
82.5°	44.4	44.5	44.4	44.1	44.1	44.3
83°	42.4	42.6	42.4	42.1	42.1	42.3
83.5°	40.4	40.7	40.4	40.2	40.1	40.3
84°	38.5	38.9	38.5	38.3	38.2	38.5
84.5°	36.7	37.1	36.7	36.4	36.4	36.6
85°	34.8	35.3	34.8	34.6	34.6	34.8
85.5°	33.1	33.5	33.1	32.7	32.8	33.1
86°	31.4	31.9	31.4	31.0	31.1	31.4
86.5°	29.7	30.6	29.7	29.3	29.4	29.8
87°	28.0	28.9	28.0	27.7	27.8	28.2
87.5°	26.5	27.3	26.5	26.1	26.2	26.6
88°	24.9	25.8	24.9	24.5	24.7	25.1
88.5°	23.4	24.2	23.4	22.9	23.2	23.6
89°	22.0	22.8	22.0	21.4	21.8	22.2
89.5°	20.7	21.5	20.7	20.0	20.4	20.8

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	19.4	20.2	19.4	18.7	19.1	19.5
90.5°	18.2	18.9	18.2	17.4	17.9	18.2
91°	17.0	17.7	17.0	16.2	16.7	17.0
91.5°	15.9	16.5	15.9	15.0	15.5	15.8
92°	14.8	15.4	14.8	13.9	14.4	14.6
92.5°	13.7	14.3	13.7	12.8	13.3	13.6
93°	12.7	13.3	12.7	11.8	12.3	12.5
93.5°	11.7	12.3	11.7	10.8	11.4	11.6
94°	10.8	11.4	10.8	9.9	10.4	10.6
94.5°	10.0	10.4	10.0	9.1	9.5	9.8
95°	9.1	9.5	9.1	8.3	8.7	8.9
95.5°	8.4	8.7	8.4	7.5	7.9	8.1
96°	7.6	8.0	7.6	6.8	7.2	7.3
96.5°	6.9	7.3	6.9	6.1	6.5	6.6
97°	6.3	6.6	6.3	5.5	5.8	5.9
97.5°	5.7	6.0	5.7	5.0	5.2	5.3
98°	5.1	5.4	5.1	4.5	4.6	4.7
98.5°	4.6	4.8	4.6	4.0	4.1	4.2
99°	4.0	4.3	4.0	3.6	3.6	3.7
99.5°	3.6	3.9	3.6	3.2	3.2	3.3
100°	3.2	3.4	3.2	2.8	2.8	2.9
100.5°	2.8	3.0	2.8	2.5	2.4	2.5
101°	2.5	2.6	2.5	2.2	2.1	2.2
101.5°	2.2	2.3	2.2	1.9	1.8	1.9
102°	1.9	2.0	1.9	1.7	1.5	1.6
102.5°	1.6	1.7	1.6	1.5	1.3	1.3
103°	1.4	1.5	1.4	1.3	1.1	1.1
103.5°	1.2	1.2	1.2	1.1	0.9	0.9
104°	1.0	1.1	1.0	0.9	0.8	0.7
104.5°	0.9	0.9	0.9	0.8	0.6	0.6
105°	0.8	0.8	0.8	0.7	0.5	0.5
105.5°	0.7	0.7	0.7	0.6	0.4	0.4
106°	0.6	0.6	0.6	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°	0.4	0.4	0.4	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	0.4
109.5°	0.3	0.3	0.3	0.3	0.3	0.4
110°	0.3	0.4	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°	0.4	0.4	0.4	0.3	0.3	0.4
112°	0.4	0.4	0.4	0.3	0.3	0.4

TEST NUMBER: P1057168

CATALOG NUMBER: HLCMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.4	0.4	0.4	0.4	0.3	0.4
113°	0.4	0.4	0.4	0.4	0.3	0.4
113.5°	0.4	0.4	0.4	0.4	0.3	0.4
114°	0.4	0.5	0.4	0.4	0.3	0.4
114.5°	0.4	0.5	0.4	0.4	0.3	0.5
115°	0.4	0.5	0.4	0.4	0.4	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	0.6	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	0.5	0.4	0.5
119°	0.6	0.6	0.6	0.5	0.4	0.6
119.5°	0.6	0.6	0.6	0.5	0.4	0.6
120°	0.6	0.7	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	0.5	0.6
123.5°	0.6	0.8	0.6	0.5	0.5	0.6
124°	0.7	0.8	0.7	0.5	0.5	0.6
124.5°	0.7	0.8	0.7	0.5	0.5	0.6
125°	0.7	0.8	0.7	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	0.7
128.5°	0.7	0.8	0.7	0.6	0.5	0.7
129°	0.7	0.8	0.7	0.6	0.5	0.6
129.5°	0.7	0.8	0.7	0.7	0.5	0.6
130°	0.8	0.8	0.8	0.7	0.5	0.6
130.5°	0.8	0.8	0.8	0.7	0.6	0.6
131°	0.8	0.8	0.8	0.7	0.6	0.6
131.5°	0.9	0.8	0.9	0.6	0.6	0.7
132°	0.9	0.8	0.9	0.6	0.6	0.7
132.5°	0.8	0.8	0.8	0.6	0.6	0.8
133°	0.8	0.8	0.8	0.6	0.6	0.8
133.5°	0.8	0.8	0.8	0.7	0.6	0.8
134°	0.8	0.8	0.8	0.7	0.6	0.8
134.5°	0.8	0.8	0.8	0.7	0.6	0.8

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.9	0.8	0.9	0.7	0.6	0.8
135.5°	0.9	0.9	0.9	0.7	0.6	0.8
136°	0.9	0.9	0.9	0.7	0.6	0.8
136.5°	0.9	0.9	0.9	0.7	0.6	0.9
137°	0.9	0.9	0.9	0.7	0.6	0.9
137.5°	0.9	0.9	0.9	0.7	0.6	0.9
138°	1.0	0.9	1.0	0.7	0.6	0.9
138.5°	1.0	0.9	1.0	0.7	0.7	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	1.0
140°	1.0	1.0	1.0	0.7	0.7	1.0
140.5°	1.0	1.0	1.0	0.7	0.7	1.0
141°	1.1	1.0	1.1	0.8	0.7	1.0
141.5°	1.1	1.0	1.1	0.8	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°	1.2	1.0	1.2	0.8	0.7	1.0
144°	1.2	1.1	1.2	0.8	0.7	1.0
144.5°	1.2	1.1	1.2	0.8	0.8	1.0
145°	1.2	1.1	1.2	0.8	0.8	1.0
145.5°	1.2	1.1	1.2	0.8	0.8	1.0
146°	1.2	1.1	1.2	0.8	0.8	1.1
146.5°	1.2	1.1	1.2	0.9	0.8	1.1
147°	1.2	1.1	1.2	0.9	0.8	1.1
147.5°	1.2	1.1	1.2	0.9	0.8	1.1
148°	1.3	1.1	1.3	0.9	0.8	1.1
148.5°	1.3	1.1	1.3	0.9	0.8	1.1
149°	1.3	1.2	1.3	0.9	0.8	1.1
149.5°	1.3	1.2	1.3	0.9	0.9	1.1
150°	1.4	1.2	1.4	0.9	0.9	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	1.3	1.4	0.9	0.9	1.1
152°	1.4	1.3	1.4	0.9	0.9	1.1
152.5°	1.4	1.4	1.4	0.9	0.9	1.1
153°	1.4	1.4	1.4	0.9	0.9	1.0
153.5°	1.4	1.4	1.4	1.0	0.9	1.0
154°	1.5	1.4	1.5	1.0	0.9	1.1
154.5°	1.5	1.4	1.5	1.0	0.9	1.1
155°	1.6	1.3	1.6	1.0	0.9	1.1
155.5°	1.6	1.3	1.6	1.0	0.9	1.1
156°	1.7	1.3	1.7	1.0	1.0	1.1
156.5°	1.6	1.3	1.6	1.0	1.0	1.1
157°	1.4	1.3	1.4	1.0	1.0	1.1

TEST NUMBER: P1057168

CATALOG NUMBER: HLCEMS410FS1E-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	1.5	1.3	1.5	1.0	0.9	1.0
158°	1.5	1.3	1.5	1.0	0.9	1.0
158.5°	1.5	1.4	1.5	1.0	0.9	1.0
159°	1.5	1.4	1.5	1.0	0.9	1.0
159.5°	1.5	1.4	1.5	1.1	0.9	1.0
160°	1.4	1.4	1.4	1.0	0.9	1.0
160.5°	1.4	1.4	1.4	1.0	0.9	1.0
161°	1.4	1.4	1.4	1.0	0.8	1.0
161.5°	1.4	1.3	1.4	1.0	0.8	1.0
162°	1.3	1.3	1.3	1.0	0.8	0.9
162.5°	1.3	1.2	1.3	0.9	0.9	0.9
163°	1.3	1.2	1.3	0.9	0.9	0.9
163.5°	1.3	1.1	1.3	0.9	0.9	0.9
164°	1.3	1.1	1.3	0.9	0.8	0.9
164.5°	1.3	1.1	1.3	0.9	0.8	0.9
165°	1.2	1.1	1.2	0.9	0.8	0.8
165.5°	1.1	1.1	1.1	0.9	0.8	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°	0.9	1.1	0.9	0.8	0.8	0.7
168°	0.8	0.9	0.8	0.7	0.8	0.7
168.5°	0.8	0.8	0.8	0.7	0.8	0.7
169°	0.8	0.8	0.8	0.7	0.8	0.7
169.5°	0.7	0.8	0.7	0.7	0.9	0.7
170°	0.7	0.7	0.7	0.7	0.9	0.7
170.5°	0.6	0.6	0.6	0.7	0.9	0.9
171°	0.6	0.6	0.6	0.7	0.8	0.9
171.5°	0.6	0.6	0.6	0.7	0.7	0.9
172°	0.6	0.6	0.6	0.6	0.7	0.9
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°	0.6	0.6	0.6	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°	0.6	0.6	0.6	0.6	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°	0.4	0.5	0.4	0.3	0.3	0.3
177°	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3
178°	0.3	0.3	0.3	0.3	0.3	0.3
178.5°	0.3	0.3	0.3	0.3	0.3	0.3
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: P1057168
CATALOG NUMBER: HLCEMS410FS1E-3500K

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)