

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: P1145872

Luminaire Tested: **HLCEMS612FS1E-4000K**

Issue Date: 8/8/2025

Test Information

Test Method: LM-79-08
Report Number: P1145872
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2503635B001)
Test Lab: INNOVATION CENTER
Issue Date: 8/8/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: HLCEMS612FS1E-4000K
Description: HLCE Motion Sensor 6 inch at 4000K CCT

Light Source:
Ballast/Driver: ELECTRONIC DRIVER

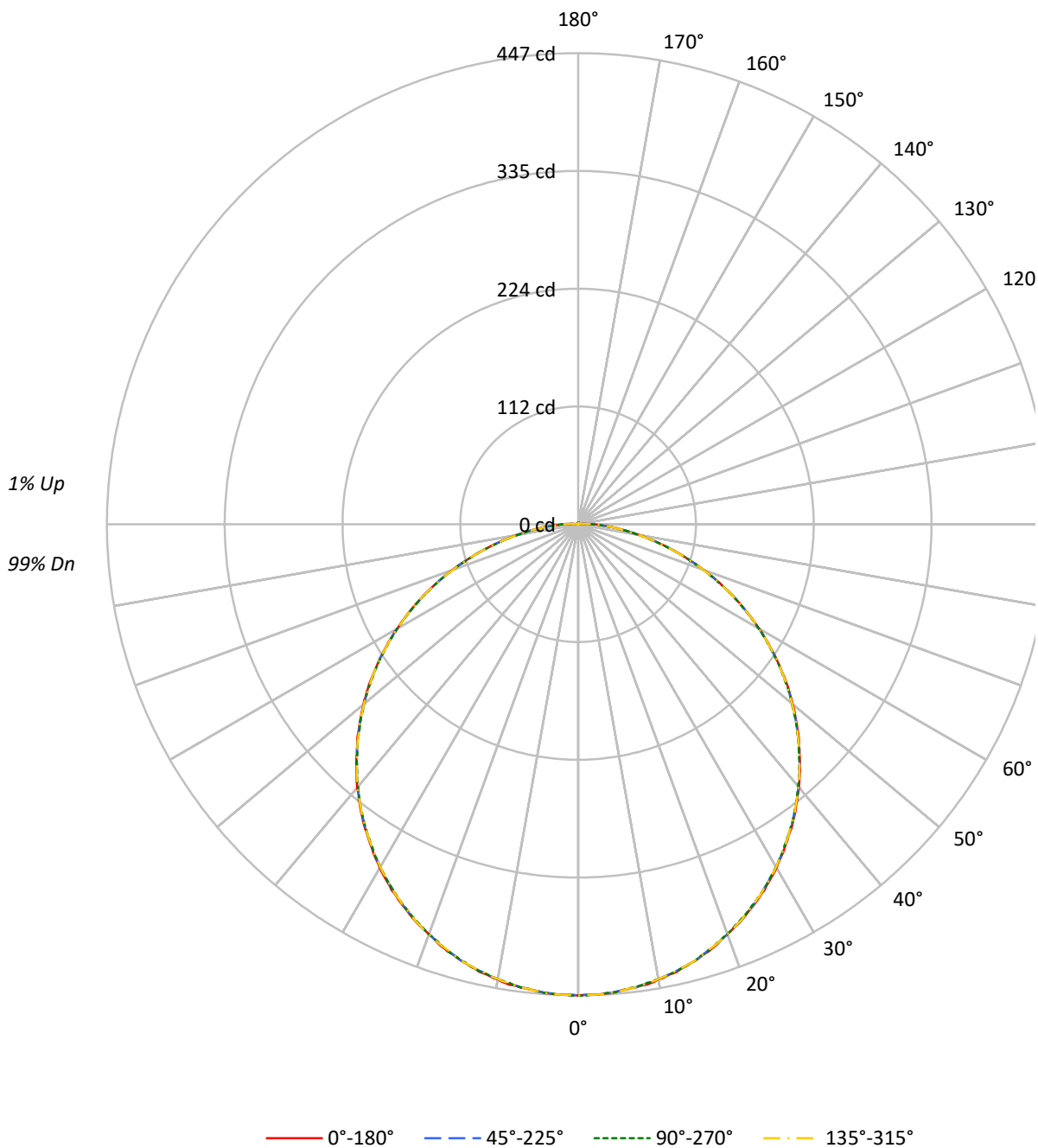
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1305.0 lumens
Efficiency: N/A
Efficacy: 88.8 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.37
Luminous Opening: (L: -0.5 ' x W: 0 ' x H: -0.5 '
CIE Type: Direct

Input Watts (W): 14.7
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: P1145872
CATALOG NUMBER: HLCEMS612FS1E-4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1145872

CATALOG NUMBER: HLCEMS612FS1E-4000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				
RC	80				70				50				30				
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101
1	108	103	99	95	105	101	97	93	96	93	90	92	90	87	89	86	84
2	98	90	83	77	95	88	81	76	84	78	74	81	76	72	77	74	70
3	89	79	70	63	87	77	69	63	74	67	62	71	65	60	68	63	59
4	82	69	61	54	79	68	60	53	65	58	52	63	57	52	61	55	51
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	49	43	39
7	64	51	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34
8	60	46	38	32	58	45	37	31	44	37	31	43	36	31	41	35	31
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28
10	52	39	31	26	51	38	31	26	37	30	26	36	30	25	36	30	25

AVERAGE LUMINANCE (cd/sqm):

Luminous shape not found,
reference photometric report, or contact
the photometric lab for calculations.

TEST NUMBER: P1145872
 CATALOG NUMBER: HLCEMS612FS1E-4000K

ZONAL LUMENS:

	Zone	Lumens	% Fixture
20	0°-10°	42.3	3.2
0	10°-20°	120.8	9.3
	20°-30°	182.7	14.0
99	30°-40°	220.0	16.9
82	40°-50°	228.5	17.5
68	50°-60°	207.8	15.9
57	60°-70°	160.9	12.3
49	70°-80°	96.9	7.4
42	80°-90°	36.3	2.8
37	90°-100°	5.4	0.4
32	100°-110°	0.3	0.0
29	110°-120°	0.4	0.0
26	120°-130°	0.5	0.0
23	130°-140°	0.6	0.0
	140°-150°	0.6	0.0
	150°-160°	0.5	0.0
	160°-170°	0.3	0.0
	170°-180°	0.1	0.0
	0°-30°	345.8	26.5
	0°-40°	565.8	43.4
	0°-60°	1002.1	76.8
	0°-90°	1296.2	99.3
	90°-120°	6.2	0.5
	90°-150°	7.9	0.6
	90°-180°	9.0	0.7
	0°-180°	1305.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°
0°	447	447	447	447	447
5°	445	445	445	445	445
15°	429	429	429	429	429
25°	397	396	397	396	397
35°	353	351	353	351	353
45°	296	296	296	296	296
55°	233	232	233	232	233
65°	163	162	163	162	163
75°	92	91	92	91	92
85°	32	32	32	32	32
90°	14	13	14	13	14
95°	4	4	4	4	4
105°	0	0	0	0	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: P1145872

CATALOG NUMBER: HLCMS612FS1E-4000K

CANDELA DISTRIBUTION (FULL):

Flux		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
	0°	447.3	447.3	447.3	447.3	447.3	447.3	447.3	447.3	447.3	447.3
42	0.5°	446.6	447.4	446.8	447.1	447.4	447.1	446.8	447.4	446.6	447.4
121	1°	446.5	447.3	446.8	446.8	447.2	446.8	446.8	447.3	446.5	447.3
183	1.5°	446.5	447.2	446.5	446.9	446.7	446.9	446.5	447.2	446.5	447.2
220	2°	446.6	446.9	446.8	446.6	446.6	446.6	446.8	446.9	446.6	446.9
229	2.5°	446.5	446.9	446.7	446.2	446.5	446.2	446.7	446.9	446.5	446.9
208	3°	446.3	446.7	446.8	446.2	446.3	446.2	446.8	446.7	446.3	446.7
161	3.5°	446.0	446.3	445.8	445.7	445.6	445.7	445.8	446.3	446.0	446.3
97	4°	446.0	445.8	445.9	445.3	445.7	445.3	445.9	445.8	446.0	445.8
32	4.5°	445.2	445.5	445.1	445.4	445.6	445.4	445.1	445.5	445.2	445.5
8	5°	444.6	445.2	444.7	444.6	444.8	444.6	444.7	445.2	444.6	445.2
3	5.5°	444.0	444.8	444.3	444.3	444.0	444.3	444.3	444.8	444.0	444.8
0	6°	443.8	444.1	443.7	444.0	443.4	444.0	443.7	444.1	443.8	444.1
0	6.5°	443.0	443.3	443.1	443.3	442.9	443.3	443.1	443.3	443.0	443.3
0	7°	443.2	442.8	442.9	442.9	442.7	442.9	442.9	442.8	443.2	442.8
1	7.5°	442.2	442.4	442.1	442.1	442.0	442.1	442.1	442.4	442.2	442.4
1	8°	441.8	441.8	441.3	441.4	441.3	441.4	441.3	441.8	441.8	441.8
0	8.5°	441.7	441.2	440.9	440.4	440.1	440.4	440.9	441.2	441.7	441.2
0	9°	440.8	440.2	439.8	440.0	440.0	440.0	439.8	440.2	440.8	440.2
0	9.5°	440.1	439.6	439.3	439.3	438.8	439.3	439.3	439.6	440.1	439.6
	10°	438.4	438.9	438.2	438.5	438.3	438.5	438.2	438.9	438.4	438.9
	10.5°	438.2	438.0	437.6	437.4	437.4	437.4	437.6	438.0	438.2	438.0
	11°	437.0	437.1	436.4	436.6	436.7	436.6	436.4	437.1	437.0	437.1
	11.5°	436.1	436.1	435.2	435.8	435.4	435.8	435.2	436.1	436.1	436.1
	12°	435.5	435.5	434.5	434.9	435.1	434.9	434.5	435.5	435.5	435.5
	12.5°	434.7	434.3	433.7	433.8	434.2	433.8	433.7	434.3	434.7	434.3
	13°	433.2	433.2	432.9	432.7	432.8	432.7	432.9	433.2	433.2	433.2
	13.5°	432.3	432.0	431.8	431.7	432.1	431.7	431.8	432.0	432.3	432.0
	14°	431.1	431.2	430.7	430.5	430.8	430.5	430.7	431.2	431.1	431.2
	14.5°	429.6	429.5	429.7	429.3	429.2	429.3	429.7	429.5	429.6	429.5
	15°	428.8	428.5	428.5	428.1	428.8	428.1	428.5	428.5	428.8	428.5
	15.5°	427.5	427.4	427.2	426.6	426.8	426.6	427.2	427.4	427.5	427.4
	16°	425.8	426.0	425.8	425.4	425.8	425.4	425.8	426.0	425.8	426.0
	16.5°	424.8	424.7	424.3	424.6	424.5	424.6	424.3	424.7	424.8	424.7
	17°	423.9	423.3	422.6	423.1	423.4	423.1	422.6	423.3	423.9	423.3
	17.5°	422.1	421.7	421.4	421.6	421.5	421.6	421.4	421.7	422.1	421.7
	18°	420.8	420.4	420.0	420.1	420.2	420.1	420.0	420.4	420.8	420.4
	18.5°	419.2	418.7	418.6	418.6	418.0	418.6	418.6	418.7	419.2	418.7
	19°	417.1	417.3	417.1	417.4	416.7	417.4	417.1	417.3	417.1	417.3
	19.5°	415.5	415.9	415.5	415.5	415.1	415.5	415.5	415.9	415.5	415.9
	20°	414.1	414.1	414.1	414.2	414.0	414.2	414.1	414.1	414.1	414.1
	20.5°	412.4	412.8	412.2	412.6	412.2	412.6	412.2	412.8	412.4	412.8
	21°	411.0	410.8	411.1	410.9	410.4	410.9	411.1	410.8	411.0	410.8
	21.5°	409.5	409.1	409.1	409.6	408.5	409.6	409.1	409.1	409.5	409.1
	22°	408.1	407.5	407.6	407.7	407.1	407.7	407.6	407.5	408.1	407.5

TEST NUMBER: P1145872

CATALOG NUMBER: HLCMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
447.3	22.5°	406.2	405.8	405.9	405.8	405.2	405.8	405.9	405.8	406.2	405.8
446.8	23°	404.4	403.7	403.7	404.0	403.6	404.0	403.7	403.7	404.4	403.7
446.8	23.5°	402.6	401.8	401.9	402.0	401.6	402.0	401.9	401.8	402.6	401.8
446.5	24°	400.6	400.1	400.0	400.0	400.0	400.0	400.0	400.1	400.6	400.1
446.8	24.5°	398.9	398.3	398.5	397.8	397.7	397.8	398.5	398.3	398.9	398.3
446.7	25°	397.2	396.8	396.5	395.9	396.2	395.9	396.5	396.8	397.2	396.8
446.8	25.5°	395.2	394.9	394.3	394.0	394.2	394.0	394.3	394.9	395.2	394.9
445.8	26°	393.2	392.7	392.7	392.8	392.3	392.8	392.7	392.7	393.2	392.7
445.9	26.5°	391.1	390.4	390.4	390.6	390.1	390.6	390.4	390.4	391.1	390.4
445.1	27°	389.6	388.5	388.2	388.0	388.3	388.0	388.2	388.5	389.6	388.5
444.7	27.5°	387.0	386.3	386.2	386.2	386.2	386.2	386.2	386.3	387.0	386.3
444.3	28°	385.0	384.5	384.2	384.3	384.3	384.3	384.2	384.5	385.0	384.5
443.7	28.5°	382.8	382.7	381.6	382.1	382.0	382.1	381.6	382.7	382.8	382.7
443.1	29°	380.8	380.6	379.8	379.9	379.5	379.9	379.8	380.6	380.8	380.6
442.9	29.5°	378.7	378.0	377.8	377.3	377.6	377.3	377.8	378.0	378.7	378.0
442.1	30°	376.5	376.0	375.5	375.1	375.4	375.1	375.5	376.0	376.5	376.0
441.3	30.5°	373.8	373.4	373.0	373.2	373.4	373.2	373.0	373.4	373.8	373.4
440.9	31°	371.6	371.3	370.9	371.2	370.7	371.2	370.9	371.3	371.6	371.3
439.8	31.5°	369.3	369.2	368.5	368.4	368.7	368.4	368.5	369.2	369.3	369.2
439.3	32°	367.0	366.5	366.4	366.0	366.1	366.0	366.4	366.5	367.0	366.5
438.2	32.5°	364.4	364.0	363.8	363.5	363.5	363.5	363.8	364.0	364.4	364.0
437.6	33°	362.0	361.7	361.3	361.1	361.1	361.1	361.3	361.7	362.0	361.7
436.4	33.5°	359.6	359.0	359.0	358.5	358.6	358.5	359.0	359.0	359.6	359.0
435.2	34°	357.1	356.6	356.8	356.2	356.4	356.2	356.8	356.6	357.1	356.6
434.5	34.5°	354.5	354.7	353.8	353.8	353.8	353.8	353.8	354.7	354.5	354.7
433.7	35°	352.6	351.6	351.9	351.5	351.4	351.5	351.9	351.6	352.6	351.6
432.9	35.5°	350.1	349.1	349.1	349.2	349.2	349.2	349.1	349.1	350.1	349.1
431.8	36°	347.4	346.6	346.7	346.7	346.7	346.7	346.7	346.6	347.4	346.6
430.7	36.5°	344.6	344.0	343.9	343.6	344.0	343.6	343.9	344.0	344.6	344.0
429.7	37°	342.3	341.5	341.6	341.1	341.1	341.1	341.6	341.5	342.3	341.5
428.5	37.5°	339.3	339.0	338.6	338.4	338.7	338.4	338.6	339.0	339.3	339.0
427.2	38°	336.4	336.3	336.0	336.0	335.9	336.0	336.0	336.3	336.4	336.3
425.8	38.5°	334.4	333.8	333.4	333.3	333.0	333.3	333.4	333.8	334.4	333.8
424.3	39°	330.9	330.9	330.7	330.7	330.3	330.7	330.7	330.9	330.9	330.9
422.6	39.5°	328.6	328.2	328.0	327.9	327.7	327.9	328.0	328.2	328.6	328.2
421.4	40°	326.0	325.3	325.1	325.1	324.8	325.1	325.1	325.3	326.0	325.3
420.0	40.5°	323.1	323.0	322.4	322.4	322.1	322.4	322.4	323.0	323.1	323.0
418.6	41°	320.2	320.1	319.7	319.3	319.7	319.3	319.7	320.1	320.2	320.1
417.1	41.5°	317.3	316.7	316.9	316.4	316.5	316.4	316.9	316.7	317.3	316.7
415.5	42°	314.5	314.0	313.6	313.6	313.5	313.6	313.6	314.0	314.5	314.0
414.1	42.5°	311.4	311.3	310.8	310.4	310.5	310.4	310.8	311.3	311.4	311.3
412.2	43°	308.7	308.3	308.0	307.6	307.7	307.6	308.0	308.3	308.7	308.3
411.1	43.5°	305.6	305.5	305.0	304.7	304.5	304.7	305.0	305.5	305.6	305.5
409.1	44°	302.3	302.9	301.9	301.7	301.6	301.7	301.9	302.9	302.3	302.9
407.6	44.5°	299.6	299.3	299.2	298.7	298.8	298.7	299.2	299.3	299.6	299.3

TEST NUMBER: P1145872

CATALOG NUMBER: HLCMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
405.9	45°	296.5	296.5	296.3	295.9	295.7	295.9	296.3	296.5	296.5	296.5
403.7	45.5°	293.8	293.5	293.2	293.0	293.0	293.0	293.2	293.5	293.8	293.5
401.9	46°	291.1	290.4	289.9	289.9	289.6	289.9	289.9	290.4	291.1	290.4
400.0	46.5°	287.8	287.4	286.8	286.8	286.4	286.8	286.8	287.4	287.8	287.4
398.5	47°	284.4	284.6	283.9	283.9	283.4	283.9	283.9	284.6	284.4	284.6
396.5	47.5°	281.4	281.2	280.9	280.6	280.7	280.6	280.9	281.2	281.4	281.2
394.3	48°	278.3	278.1	277.9	277.5	277.5	277.5	277.9	278.1	278.3	278.1
392.7	48.5°	275.0	274.9	274.6	274.5	274.5	274.5	274.6	274.9	275.0	274.9
390.4	49°	272.3	271.8	271.4	271.4	270.9	271.4	271.4	271.8	272.3	271.8
388.2	49.5°	269.0	268.8	268.2	268.2	267.8	268.2	268.2	268.8	269.0	268.8
386.2	50°	265.9	265.8	265.1	265.0	264.9	265.0	265.1	265.8	265.9	265.8
384.2	50.5°	262.9	262.5	261.8	262.0	261.8	262.0	261.8	262.5	262.9	262.5
381.6	51°	259.3	258.9	258.6	258.6	258.6	258.6	258.6	258.9	259.3	258.9
379.8	51.5°	256.3	255.7	255.6	255.3	255.6	255.3	255.6	255.7	256.3	255.7
377.8	52°	253.2	252.7	252.2	252.2	252.4	252.2	252.2	252.7	253.2	252.7
375.5	52.5°	250.0	249.2	249.0	249.1	248.7	249.1	249.0	249.2	250.0	249.2
373.0	53°	246.5	245.9	245.8	245.5	245.1	245.5	245.8	245.9	246.5	245.9
370.9	53.5°	243.2	242.5	242.7	242.4	242.0	242.4	242.7	242.5	243.2	242.5
368.5	54°	239.3	239.2	239.3	239.0	238.9	239.0	239.3	239.2	239.3	239.2
366.4	54.5°	236.2	236.1	235.9	235.5	235.4	235.5	235.9	236.1	236.2	236.1
363.8	55°	232.9	232.7	232.8	232.4	232.3	232.4	232.8	232.7	232.9	232.7
361.3	55.5°	229.6	229.5	229.4	229.0	228.9	229.0	229.4	229.5	229.6	229.5
359.0	56°	226.4	226.1	225.9	225.5	225.5	225.5	225.9	226.1	226.4	226.1
356.8	56.5°	222.8	222.8	222.3	222.2	221.9	222.2	222.3	222.8	222.8	222.8
353.8	57°	219.3	219.1	218.9	218.7	218.4	218.7	218.9	219.1	219.3	219.1
351.9	57.5°	215.8	215.8	215.4	215.3	215.2	215.3	215.4	215.8	215.8	215.8
349.1	58°	212.7	212.2	212.1	211.8	211.6	211.8	212.1	212.2	212.7	212.2
346.7	58.5°	209.0	209.1	208.6	208.3	208.2	208.3	208.6	209.1	209.0	209.1
343.9	59°	205.6	205.5	205.0	204.8	204.8	204.8	205.0	205.5	205.6	205.5
341.6	59.5°	202.1	201.9	201.6	201.5	201.5	201.5	201.6	201.9	202.1	201.9
338.6	60°	198.4	198.4	198.0	197.9	197.9	197.9	198.0	198.4	198.4	198.4
336.0	60.5°	194.9	195.0	194.5	194.4	194.5	194.4	194.5	195.0	194.9	195.0
333.4	61°	191.4	191.3	191.0	190.9	190.9	190.9	191.0	191.3	191.4	191.3
330.7	61.5°	187.9	187.9	187.7	187.5	187.2	187.5	187.7	187.9	187.9	187.9
328.0	62°	184.3	184.2	184.1	184.0	183.7	184.0	184.1	184.2	184.3	184.2
325.1	62.5°	180.9	180.9	180.5	180.3	180.0	180.3	180.5	180.9	180.9	180.9
322.4	63°	177.4	177.4	176.9	176.8	176.5	176.8	176.9	177.4	177.4	177.4
319.7	63.5°	173.8	173.7	173.5	173.2	173.1	173.2	173.5	173.7	173.8	173.7
316.9	64°	170.3	170.2	169.9	169.7	169.5	169.7	169.9	170.2	170.3	170.2
313.6	64.5°	166.6	166.6	166.4	166.1	165.8	166.1	166.4	166.6	166.6	166.6
310.8	65°	163.2	163.1	162.7	162.4	162.2	162.4	162.7	163.1	163.2	163.1
308.0	65.5°	159.6	159.4	159.1	158.9	158.7	158.9	159.1	159.4	159.6	159.4
305.0	66°	155.9	155.6	155.4	155.3	155.0	155.3	155.4	155.6	155.9	155.6
301.9	66.5°	152.1	152.0	151.9	151.6	151.6	151.6	151.9	152.0	152.1	152.0
299.2	67°	148.6	148.4	148.2	148.0	148.0	148.0	148.2	148.4	148.6	148.4

TEST NUMBER: P1145872

CATALOG NUMBER: HLCEMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
296.3	67.5°	145.0	145.0	144.6	144.6	144.3	144.6	144.6	145.0	145.0	145.0
293.2	68°	141.4	141.4	141.0	141.0	140.8	141.0	141.0	141.4	141.4	141.4
289.9	68.5°	137.8	137.8	137.6	137.4	137.1	137.4	137.6	137.8	137.8	137.8
286.8	69°	134.3	134.1	134.0	133.7	133.4	133.7	134.0	134.1	134.3	134.1
283.9	69.5°	130.6	130.5	130.3	130.2	129.9	130.2	130.3	130.5	130.6	130.5
280.9	70°	127.0	126.8	126.6	126.4	126.3	126.4	126.6	126.8	127.0	126.8
277.9	70.5°	123.4	123.4	123.0	122.8	122.7	122.8	123.0	123.4	123.4	123.4
274.6	71°	119.9	119.8	119.4	119.2	119.2	119.2	119.4	119.8	119.9	119.8
271.4	71.5°	116.3	116.3	116.0	115.7	115.7	115.7	116.0	116.3	116.3	116.3
268.2	72°	112.7	112.6	112.3	112.1	112.0	112.1	112.3	112.6	112.7	112.6
265.1	72.5°	109.2	109.1	108.9	108.6	108.5	108.6	108.9	109.1	109.2	109.1
261.8	73°	105.6	105.5	105.3	105.0	104.8	105.0	105.3	105.5	105.6	105.5
258.6	73.5°	102.1	102.0	101.8	101.5	101.4	101.5	101.8	102.0	102.1	102.0
255.6	74°	98.7	98.5	98.3	98.1	97.9	98.1	98.3	98.5	98.7	98.5
252.2	74.5°	95.1	95.0	94.9	94.6	94.6	94.6	94.9	95.0	95.1	95.0
249.0	75°	91.7	91.6	91.5	91.2	91.2	91.2	91.5	91.6	91.7	91.6
245.8	75.5°	88.3	88.2	88.1	87.8	87.7	87.8	88.1	88.2	88.3	88.2
242.7	76°	84.9	84.7	84.6	84.3	84.3	84.3	84.6	84.7	84.9	84.7
239.3	76.5°	81.5	81.3	81.3	81.0	80.8	81.0	81.3	81.3	81.5	81.3
235.9	77°	78.3	78.0	77.9	77.7	77.6	77.7	77.9	78.0	78.3	78.0
232.8	77.5°	75.0	74.7	74.6	74.4	74.2	74.4	74.6	74.7	75.0	74.7
229.4	78°	71.7	71.5	71.4	71.1	71.0	71.1	71.4	71.5	71.7	71.5
225.9	78.5°	68.4	68.3	68.2	68.0	67.8	68.0	68.2	68.3	68.4	68.3
222.3	79°	65.3	65.1	64.9	64.7	64.7	64.7	64.9	65.1	65.3	65.1
218.9	79.5°	62.1	62.0	61.9	61.6	61.6	61.6	61.9	62.0	62.1	62.0
215.4	80°	59.1	59.0	58.7	58.6	58.5	58.6	58.7	59.0	59.1	59.0
212.1	80.5°	56.0	56.0	55.8	55.6	55.6	55.6	55.8	56.0	56.0	56.0
208.6	81°	53.2	53.0	52.9	52.7	52.6	52.7	52.9	53.0	53.2	53.0
205.0	81.5°	50.2	50.1	50.0	49.8	49.8	49.8	50.0	50.1	50.2	50.1
201.6	82°	47.5	47.3	47.2	47.0	46.9	47.0	47.2	47.3	47.5	47.3
198.0	82.5°	44.7	44.6	44.4	44.3	44.2	44.3	44.4	44.6	44.7	44.6
194.5	83°	42.1	41.9	41.8	41.6	41.5	41.6	41.8	41.9	42.1	41.9
191.0	83.5°	39.5	39.3	39.1	39.1	39.0	39.1	39.1	39.3	39.5	39.3
187.7	84°	37.1	36.9	36.6	36.7	36.6	36.7	36.6	36.9	37.1	36.9
184.1	84.5°	34.7	34.5	34.3	34.3	34.1	34.3	34.3	34.5	34.7	34.5
180.5	85°	32.4	32.2	32.0	31.9	31.7	31.9	32.0	32.2	32.4	32.2
176.9	85.5°	30.1	29.9	29.7	29.6	29.4	29.6	29.7	29.9	30.1	29.9
173.5	86°	27.8	27.7	27.5	27.3	27.2	27.3	27.5	27.7	27.8	27.7
169.9	86.5°	25.7	25.6	25.4	25.3	25.1	25.3	25.4	25.6	25.7	25.6
166.4	87°	23.8	23.7	23.4	23.3	23.1	23.3	23.4	23.7	23.8	23.7
162.7	87.5°	21.9	21.8	21.5	21.4	21.2	21.4	21.5	21.8	21.9	21.8
159.1	88°	20.1	20.0	19.7	19.6	19.4	19.6	19.7	20.0	20.1	20.0
155.4	88.5°	18.4	18.3	18.0	17.9	17.7	17.9	18.0	18.3	18.4	18.3
151.9	89°	16.7	16.7	16.4	16.2	16.1	16.2	16.4	16.7	16.7	16.7
148.2	89.5°	15.2	15.2	14.8	14.7	14.6	14.7	14.8	15.2	15.2	15.2

TEST NUMBER: P1145872

CATALOG NUMBER: HLCEMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
144.6	90°	13.8	13.7	13.4	13.3	13.2	13.3	13.4	13.7	13.8	13.7
141.0	90.5°	12.5	12.4	12.1	11.9	11.9	11.9	12.1	12.4	12.5	12.4
137.6	91°	11.2	11.2	10.9	10.7	10.8	10.7	10.9	11.2	11.2	11.2
134.0	91.5°	10.1	10.1	9.8	9.5	9.7	9.5	9.8	10.1	10.1	10.1
130.3	92°	9.1	9.0	8.7	8.4	8.7	8.4	8.7	9.0	9.1	9.0
126.6	92.5°	8.1	8.0	7.7	7.3	7.7	7.3	7.7	8.0	8.1	8.0
123.0	93°	7.1	7.0	6.8	6.4	6.7	6.4	6.8	7.0	7.1	7.0
119.4	93.5°	6.2	6.1	5.9	5.6	5.8	5.6	5.9	6.1	6.2	6.1
116.0	94°	5.4	5.4	5.1	4.8	5.1	4.8	5.1	5.4	5.4	5.4
112.3	94.5°	4.7	4.7	4.5	4.2	4.4	4.2	4.5	4.7	4.7	4.7
108.9	95°	4.1	4.1	3.9	3.6	3.9	3.6	3.9	4.1	4.1	4.1
105.3	95.5°	3.6	3.6	3.4	3.1	3.4	3.1	3.4	3.6	3.6	3.6
101.8	96°	3.1	3.1	2.9	2.6	2.9	2.6	2.9	3.1	3.1	3.1
98.3	96.5°	2.6	2.6	2.5	2.2	2.4	2.2	2.5	2.6	2.6	2.6
94.9	97°	2.2	2.2	2.1	1.8	2.0	1.8	2.1	2.2	2.2	2.2
91.5	97.5°	1.8	1.8	1.7	1.5	1.7	1.5	1.7	1.8	1.8	1.8
88.1	98°	1.5	1.5	1.4	1.2	1.4	1.2	1.4	1.5	1.5	1.5
84.6	98.5°	1.2	1.2	1.2	1.0	1.2	1.0	1.2	1.2	1.2	1.2
81.3	99°	1.0	1.0	1.0	0.8	1.0	0.8	1.0	1.0	1.0	1.0
77.9	99.5°	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.8
74.6	100°	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.7
71.4	100.5°	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
68.2	101°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
64.9	101.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
61.9	102°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
58.7	102.5°	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.2	0.2
55.8	103°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
52.9	103.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
50.0	104°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
47.2	104.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
44.4	105°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
41.8	105.5°	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
39.1	106°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
36.6	106.5°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
34.3	107°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
32.0	107.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
29.7	108°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
27.5	108.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
25.4	109°	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3
23.4	109.5°	0.3	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3
21.5	110°	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
19.7	110.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3
18.0	111°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
16.4	111.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
14.8	112°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3

TEST NUMBER: P1145872

CATALOG NUMBER: HLCEMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
13.4	112.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
12.1	113°	0.3	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.3	0.3
10.9	113.5°	0.4	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.4	0.3
9.8	114°	0.4	0.3	0.4	0.4	0.5	0.4	0.4	0.3	0.4	0.3
8.7	114.5°	0.4	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.3
7.7	115°	0.4	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.3
6.8	115.5°	0.4	0.3	0.4	0.5	0.5	0.5	0.4	0.3	0.4	0.3
5.9	116°	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4
5.1	116.5°	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
4.5	117°	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
3.9	117.5°	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
3.4	118°	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
2.9	118.5°	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
2.5	119°	0.5	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.5	0.4
2.1	119.5°	0.5	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.5	0.4
1.7	120°	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.5	0.4
1.4	120.5°	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.5	0.4
1.2	121°	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.5	0.4
1.0	121.5°	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.5	0.4
0.8	122°	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.5	0.4
0.6	122.5°	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.5	0.4
0.5	123°	0.5	0.4	0.5	0.6	0.6	0.6	0.5	0.4	0.5	0.4
0.4	123.5°	0.5	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.5	0.4
0.3	124°	0.5	0.4	0.6	0.6	0.7	0.6	0.6	0.4	0.5	0.4
0.3	124.5°	0.5	0.5	0.6	0.6	0.7	0.6	0.6	0.5	0.5	0.5
0.3	125°	0.6	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.6	0.5
0.2	125.5°	0.6	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.6	0.5
0.2	126°	0.6	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.6	0.5
0.3	126.5°	0.6	0.5	0.6	0.7	0.7	0.7	0.6	0.5	0.6	0.5
0.3	127°	0.6	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.6	0.5
0.3	127.5°	0.6	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.6	0.5
0.3	128°	0.5	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.5	0.5
0.3	128.5°	0.6	0.5	0.6	0.7	0.8	0.7	0.6	0.5	0.6	0.5
0.3	129°	0.6	0.5	0.7	0.7	0.8	0.7	0.7	0.5	0.6	0.5
0.3	129.5°	0.6	0.5	0.7	0.8	0.8	0.8	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	0.5	0.7	0.8	0.9	0.8	0.7	0.5	0.6	0.5
0.3	131°	0.6	0.6	0.7	0.8	0.9	0.8	0.7	0.6	0.6	0.6
0.3	131.5°	0.7	0.6	0.7	0.8	0.9	0.8	0.7	0.6	0.7	0.6
0.3	132°	0.7	0.6	0.7	0.8	0.9	0.8	0.7	0.6	0.7	0.6
0.3	132.5°	0.7	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.7	0.6
0.3	133°	0.7	0.6	0.7	0.9	0.9	0.9	0.7	0.6	0.7	0.6
0.4	133.5°	0.7	0.6	0.7	0.9	1.0	0.9	0.7	0.6	0.7	0.6
0.4	134°	0.7	0.6	0.7	0.9	1.0	0.9	0.7	0.6	0.7	0.6
0.4	134.5°	0.7	0.6	0.8	0.9	1.0	0.9	0.8	0.6	0.7	0.6

TEST NUMBER: P1145872

CATALOG NUMBER: HLCMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1145872

CATALOG NUMBER: HLCMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

225°		0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°
0.8	157.5°	1.0	0.9	1.0	1.4	1.3	1.4	1.0	0.9	1.0	0.9
0.8	158°	1.0	0.9	1.0	1.5	1.3	1.5	1.0	0.9	1.0	0.9
0.8	158.5°	1.0	0.9	1.1	1.5	1.4	1.5	1.1	0.9	1.0	0.9
0.8	159°	1.0	0.9	1.1	1.5	1.5	1.5	1.1	0.9	1.0	0.9
0.8	159.5°	0.9	0.9	1.2	1.5	1.6	1.5	1.2	0.9	0.9	0.9
0.8	160°	0.9	0.9	1.2	1.5	1.6	1.5	1.2	0.9	0.9	0.9
0.8	160.5°	0.9	0.9	1.3	1.5	1.7	1.5	1.3	0.9	0.9	0.9
0.9	161°	0.8	0.9	1.3	1.5	1.7	1.5	1.3	0.9	0.8	0.9
0.9	161.5°	0.8	0.9	1.3	1.4	1.7	1.4	1.3	0.9	0.8	0.9
0.9	162°	0.8	0.9	1.3	1.4	1.6	1.4	1.3	0.9	0.8	0.9
0.9	162.5°	0.8	0.9	1.3	1.3	1.5	1.3	1.3	0.9	0.8	0.9
0.9	163°	0.8	0.9	1.2	1.3	1.4	1.3	1.2	0.9	0.8	0.9
0.9	163.5°	0.8	0.9	1.1	1.2	1.4	1.2	1.1	0.9	0.8	0.9
0.9	164°	0.8	0.9	1.1	1.2	1.3	1.2	1.1	0.9	0.8	0.9
0.9	164.5°	0.8	1.0	1.1	1.3	1.3	1.3	1.1	1.0	0.8	1.0
0.9	165°	0.8	1.0	1.1	1.3	1.3	1.3	1.1	1.0	0.8	1.0
0.9	165.5°	0.8	1.0	1.1	1.3	1.2	1.3	1.1	1.0	0.8	1.0
0.9	166°	0.9	1.0	1.1	1.2	1.2	1.2	1.1	1.0	0.9	1.0
0.9	166.5°	0.9	1.0	1.1	1.2	1.2	1.2	1.1	1.0	0.9	1.0
1.0	167°	0.9	1.0	1.1	1.2	1.2	1.2	1.1	1.0	0.9	1.0
1.0	167.5°	1.0	1.0	1.1	1.2	1.2	1.2	1.1	1.0	1.0	1.0
1.0	168°	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.1	1.1
1.0	168.5°	1.2	1.1	1.1	1.2	1.2	1.2	1.1	1.1	1.2	1.1
1.0	169°	1.2	1.2	1.1	1.2	1.1	1.2	1.1	1.2	1.2	1.2
1.0	169.5°	1.2	1.2	1.0	1.1	1.1	1.1	1.0	1.2	1.2	1.2
1.0	170°	1.2	1.1	1.0	1.1	1.1	1.1	1.0	1.1	1.2	1.1
1.0	170.5°	1.2	1.1	1.0	1.0	1.1	1.0	1.0	1.1	1.2	1.1
1.0	171°	1.2	1.1	0.9	1.0	1.0	1.0	0.9	1.1	1.2	1.1
1.0	171.5°	1.1	1.0	0.9	1.0	1.0	1.0	0.9	1.0	1.1	1.0
1.1	172°	0.9	0.9	0.9	1.0	1.0	1.0	0.9	0.9	0.9	0.9
1.1	172.5°	0.8	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.8	0.8
1.1	173°	0.6	0.8	0.8	0.9	0.9	0.9	0.8	0.8	0.6	0.8
1.1	173.5°	0.5	0.7	0.8	0.9	0.9	0.9	0.8	0.7	0.5	0.7
1.1	174°	0.5	0.6	0.8	0.8	0.9	0.8	0.8	0.6	0.5	0.6
1.1	174.5°	0.5	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.5	0.6
1.1	175°	0.5	0.5	0.7	0.8	0.7	0.8	0.7	0.5	0.5	0.5
1.1	175.5°	0.4	0.4	0.6	0.7	0.7	0.7	0.6	0.4	0.4	0.4
1.1	176°	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.4
1.1	176.5°	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.4
1.1	177°	0.3	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.4
1.1	177.5°	0.3	0.3	0.4	0.5	0.4	0.5	0.4	0.3	0.3	0.3
1.1	178°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1.1	178.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1.1	179°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
1.1	179.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P1145872
 CATALOG NUMBER: HLCEMS612FS1E-4000K

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											
1.1											
1.1											
1.2											
1.2											
1.3											
1.3											
1.3											
1.3											
1.3											
1.2											
1.1											
1.1											
1.1											
1.1											
1.1											
1.1											
1.1											
1.1											
1.1											
1.1											
1.1											
1.0											
1.0											
1.0											
0.9											
0.9											
0.9											
0.8											
0.8											
0.8											
0.8											
0.7											
0.7											
0.6											
0.5											
0.5											
0.4											
0.4											
0.3											
0.3											
0.3											
0.3											

TEST NUMBER: P1145872

CATALOG NUMBER: HLCMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

225°		247.5°	270°	292.5°	315°	337.5°	360°
0.3	0°	447.3	447.3	447.3	447.3	447.3	447.3
	0.5°	447.1	447.4	447.1	446.8	447.4	446.6
	1°	446.8	447.2	446.8	446.8	447.3	446.5
	1.5°	446.9	446.7	446.9	446.5	447.2	446.5
	2°	446.6	446.6	446.6	446.8	446.9	446.6
	2.5°	446.2	446.5	446.2	446.7	446.9	446.5
	3°	446.2	446.3	446.2	446.8	446.7	446.3
	3.5°	445.7	445.6	445.7	445.8	446.3	446.0
	4°	445.3	445.7	445.3	445.9	445.8	446.0
	4.5°	445.4	445.6	445.4	445.1	445.5	445.2
	5°	444.6	444.8	444.6	444.7	445.2	444.6
	5.5°	444.3	444.0	444.3	444.3	444.8	444.0
	6°	444.0	443.4	444.0	443.7	444.1	443.8
	6.5°	443.3	442.9	443.3	443.1	443.3	443.0
	7°	442.9	442.7	442.9	442.9	442.8	443.2
	7.5°	442.1	442.0	442.1	442.1	442.4	442.2
	8°	441.4	441.3	441.4	441.3	441.8	441.8
	8.5°	440.4	440.1	440.4	440.9	441.2	441.7
	9°	440.0	440.0	440.0	439.8	440.2	440.8
	9.5°	439.3	438.8	439.3	439.3	439.6	440.1
	10°	438.5	438.3	438.5	438.2	438.9	438.4
	10.5°	437.4	437.4	437.4	437.6	438.0	438.2
	11°	436.6	436.7	436.6	436.4	437.1	437.0
	11.5°	435.8	435.4	435.8	435.2	436.1	436.1
	12°	434.9	435.1	434.9	434.5	435.5	435.5
	12.5°	433.8	434.2	433.8	433.7	434.3	434.7
	13°	432.7	432.8	432.7	432.9	433.2	433.2
	13.5°	431.7	432.1	431.7	431.8	432.0	432.3
	14°	430.5	430.8	430.5	430.7	431.2	431.1
	14.5°	429.3	429.2	429.3	429.7	429.5	429.6
	15°	428.1	428.8	428.1	428.5	428.5	428.8
	15.5°	426.6	426.8	426.6	427.2	427.4	427.5
	16°	425.4	425.8	425.4	425.8	426.0	425.8
	16.5°	424.6	424.5	424.6	424.3	424.7	424.8
	17°	423.1	423.4	423.1	422.6	423.3	423.9
	17.5°	421.6	421.5	421.6	421.4	421.7	422.1
	18°	420.1	420.2	420.1	420.0	420.4	420.8
	18.5°	418.6	418.0	418.6	418.6	418.7	419.2
	19°	417.4	416.7	417.4	417.1	417.3	417.1
	19.5°	415.5	415.1	415.5	415.5	415.9	415.5
	20°	414.2	414.0	414.2	414.1	414.1	414.1
	20.5°	412.6	412.2	412.6	412.2	412.8	412.4
	21°	410.9	410.4	410.9	411.1	410.8	411.0
	21.5°	409.6	408.5	409.6	409.1	409.1	409.5
	22°	407.7	407.1	407.7	407.6	407.5	408.1

TEST NUMBER: P1145872

CATALOG NUMBER: HLCMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	405.8	405.2	405.8	405.9	405.8	406.2
23°	404.0	403.6	404.0	403.7	403.7	404.4
23.5°	402.0	401.6	402.0	401.9	401.8	402.6
24°	400.0	400.0	400.0	400.0	400.1	400.6
24.5°	397.8	397.7	397.8	398.5	398.3	398.9
25°	395.9	396.2	395.9	396.5	396.8	397.2
25.5°	394.0	394.2	394.0	394.3	394.9	395.2
26°	392.8	392.3	392.8	392.7	392.7	393.2
26.5°	390.6	390.1	390.6	390.4	390.4	391.1
27°	388.0	388.3	388.0	388.2	388.5	389.6
27.5°	386.2	386.2	386.2	386.2	386.3	387.0
28°	384.3	384.3	384.3	384.2	384.5	385.0
28.5°	382.1	382.0	382.1	381.6	382.7	382.8
29°	379.9	379.5	379.9	379.8	380.6	380.8
29.5°	377.3	377.6	377.3	377.8	378.0	378.7
30°	375.1	375.4	375.1	375.5	376.0	376.5
30.5°	373.2	373.4	373.2	373.0	373.4	373.8
31°	371.2	370.7	371.2	370.9	371.3	371.6
31.5°	368.4	368.7	368.4	368.5	369.2	369.3
32°	366.0	366.1	366.0	366.4	366.5	367.0
32.5°	363.5	363.5	363.5	363.8	364.0	364.4
33°	361.1	361.1	361.1	361.3	361.7	362.0
33.5°	358.5	358.6	358.5	359.0	359.0	359.6
34°	356.2	356.4	356.2	356.8	356.6	357.1
34.5°	353.8	353.8	353.8	353.8	354.7	354.5
35°	351.5	351.4	351.5	351.9	351.6	352.6
35.5°	349.2	349.2	349.2	349.1	349.1	350.1
36°	346.7	346.7	346.7	346.7	346.6	347.4
36.5°	343.6	344.0	343.6	343.9	344.0	344.6
37°	341.1	341.1	341.1	341.6	341.5	342.3
37.5°	338.4	338.7	338.4	338.6	339.0	339.3
38°	336.0	335.9	336.0	336.0	336.3	336.4
38.5°	333.3	333.0	333.3	333.4	333.8	334.4
39°	330.7	330.3	330.7	330.7	330.9	330.9
39.5°	327.9	327.7	327.9	328.0	328.2	328.6
40°	325.1	324.8	325.1	325.1	325.3	326.0
40.5°	322.4	322.1	322.4	322.4	323.0	323.1
41°	319.3	319.7	319.3	319.7	320.1	320.2
41.5°	316.4	316.5	316.4	316.9	316.7	317.3
42°	313.6	313.5	313.6	313.6	314.0	314.5
42.5°	310.4	310.5	310.4	310.8	311.3	311.4
43°	307.6	307.7	307.6	308.0	308.3	308.7
43.5°	304.7	304.5	304.7	305.0	305.5	305.6
44°	301.7	301.6	301.7	301.9	302.9	302.3
44.5°	298.7	298.8	298.7	299.2	299.3	299.6

TEST NUMBER: P1145872

CATALOG NUMBER: HLCEMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	295.9	295.7	295.9	296.3	296.5	296.5
45.5°	293.0	293.0	293.0	293.2	293.5	293.8
46°	289.9	289.6	289.9	289.9	290.4	291.1
46.5°	286.8	286.4	286.8	286.8	287.4	287.8
47°	283.9	283.4	283.9	283.9	284.6	284.4
47.5°	280.6	280.7	280.6	280.9	281.2	281.4
48°	277.5	277.5	277.5	277.9	278.1	278.3
48.5°	274.5	274.5	274.5	274.6	274.9	275.0
49°	271.4	270.9	271.4	271.4	271.8	272.3
49.5°	268.2	267.8	268.2	268.2	268.8	269.0
50°	265.0	264.9	265.0	265.1	265.8	265.9
50.5°	262.0	261.8	262.0	261.8	262.5	262.9
51°	258.6	258.6	258.6	258.6	258.9	259.3
51.5°	255.3	255.6	255.3	255.6	255.7	256.3
52°	252.2	252.4	252.2	252.2	252.7	253.2
52.5°	249.1	248.7	249.1	249.0	249.2	250.0
53°	245.5	245.1	245.5	245.8	245.9	246.5
53.5°	242.4	242.0	242.4	242.7	242.5	243.2
54°	239.0	238.9	239.0	239.3	239.2	239.3
54.5°	235.5	235.4	235.5	235.9	236.1	236.2
55°	232.4	232.3	232.4	232.8	232.7	232.9
55.5°	229.0	228.9	229.0	229.4	229.5	229.6
56°	225.5	225.5	225.5	225.9	226.1	226.4
56.5°	222.2	221.9	222.2	222.3	222.8	222.8
57°	218.7	218.4	218.7	218.9	219.1	219.3
57.5°	215.3	215.2	215.3	215.4	215.8	215.8
58°	211.8	211.6	211.8	212.1	212.2	212.7
58.5°	208.3	208.2	208.3	208.6	209.1	209.0
59°	204.8	204.8	204.8	205.0	205.5	205.6
59.5°	201.5	201.5	201.5	201.6	201.9	202.1
60°	197.9	197.9	197.9	198.0	198.4	198.4
60.5°	194.4	194.5	194.4	194.5	195.0	194.9
61°	190.9	190.9	190.9	191.0	191.3	191.4
61.5°	187.5	187.2	187.5	187.7	187.9	187.9
62°	184.0	183.7	184.0	184.1	184.2	184.3
62.5°	180.3	180.0	180.3	180.5	180.9	180.9
63°	176.8	176.5	176.8	176.9	177.4	177.4
63.5°	173.2	173.1	173.2	173.5	173.7	173.8
64°	169.7	169.5	169.7	169.9	170.2	170.3
64.5°	166.1	165.8	166.1	166.4	166.6	166.6
65°	162.4	162.2	162.4	162.7	163.1	163.2
65.5°	158.9	158.7	158.9	159.1	159.4	159.6
66°	155.3	155.0	155.3	155.4	155.6	155.9
66.5°	151.6	151.6	151.6	151.9	152.0	152.1
67°	148.0	148.0	148.0	148.2	148.4	148.6

TEST NUMBER: P1145872

CATALOG NUMBER: HLCEMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	144.6	144.3	144.6	144.6	145.0	145.0
68°	141.0	140.8	141.0	141.0	141.4	141.4
68.5°	137.4	137.1	137.4	137.6	137.8	137.8
69°	133.7	133.4	133.7	134.0	134.1	134.3
69.5°	130.2	129.9	130.2	130.3	130.5	130.6
70°	126.4	126.3	126.4	126.6	126.8	127.0
70.5°	122.8	122.7	122.8	123.0	123.4	123.4
71°	119.2	119.2	119.2	119.4	119.8	119.9
71.5°	115.7	115.7	115.7	116.0	116.3	116.3
72°	112.1	112.0	112.1	112.3	112.6	112.7
72.5°	108.6	108.5	108.6	108.9	109.1	109.2
73°	105.0	104.8	105.0	105.3	105.5	105.6
73.5°	101.5	101.4	101.5	101.8	102.0	102.1
74°	98.1	97.9	98.1	98.3	98.5	98.7
74.5°	94.6	94.6	94.6	94.9	95.0	95.1
75°	91.2	91.2	91.2	91.5	91.6	91.7
75.5°	87.8	87.7	87.8	88.1	88.2	88.3
76°	84.3	84.3	84.3	84.6	84.7	84.9
76.5°	81.0	80.8	81.0	81.3	81.3	81.5
77°	77.7	77.6	77.7	77.9	78.0	78.3
77.5°	74.4	74.2	74.4	74.6	74.7	75.0
78°	71.1	71.0	71.1	71.4	71.5	71.7
78.5°	68.0	67.8	68.0	68.2	68.3	68.4
79°	64.7	64.7	64.7	64.9	65.1	65.3
79.5°	61.6	61.6	61.6	61.9	62.0	62.1
80°	58.6	58.5	58.6	58.7	59.0	59.1
80.5°	55.6	55.6	55.6	55.8	56.0	56.0
81°	52.7	52.6	52.7	52.9	53.0	53.2
81.5°	49.8	49.8	49.8	50.0	50.1	50.2
82°	47.0	46.9	47.0	47.2	47.3	47.5
82.5°	44.3	44.2	44.3	44.4	44.6	44.7
83°	41.6	41.5	41.6	41.8	41.9	42.1
83.5°	39.1	39.0	39.1	39.1	39.3	39.5
84°	36.7	36.6	36.7	36.6	36.9	37.1
84.5°	34.3	34.1	34.3	34.3	34.5	34.7
85°	31.9	31.7	31.9	32.0	32.2	32.4
85.5°	29.6	29.4	29.6	29.7	29.9	30.1
86°	27.3	27.2	27.3	27.5	27.7	27.8
86.5°	25.3	25.1	25.3	25.4	25.6	25.7
87°	23.3	23.1	23.3	23.4	23.7	23.8
87.5°	21.4	21.2	21.4	21.5	21.8	21.9
88°	19.6	19.4	19.6	19.7	20.0	20.1
88.5°	17.9	17.7	17.9	18.0	18.3	18.4
89°	16.2	16.1	16.2	16.4	16.7	16.7
89.5°	14.7	14.6	14.7	14.8	15.2	15.2

TEST NUMBER: P1145872

CATALOG NUMBER: HLCMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	13.3	13.2	13.3	13.4	13.7	13.8
90.5°	11.9	11.9	11.9	12.1	12.4	12.5
91°	10.7	10.8	10.7	10.9	11.2	11.2
91.5°	9.5	9.7	9.5	9.8	10.1	10.1
92°	8.4	8.7	8.4	8.7	9.0	9.1
92.5°	7.3	7.7	7.3	7.7	8.0	8.1
93°	6.4	6.7	6.4	6.8	7.0	7.1
93.5°	5.6	5.8	5.6	5.9	6.1	6.2
94°	4.8	5.1	4.8	5.1	5.4	5.4
94.5°	4.2	4.4	4.2	4.5	4.7	4.7
95°	3.6	3.9	3.6	3.9	4.1	4.1
95.5°	3.1	3.4	3.1	3.4	3.6	3.6
96°	2.6	2.9	2.6	2.9	3.1	3.1
96.5°	2.2	2.4	2.2	2.5	2.6	2.6
97°	1.8	2.0	1.8	2.1	2.2	2.2
97.5°	1.5	1.7	1.5	1.7	1.8	1.8
98°	1.2	1.4	1.2	1.4	1.5	1.5
98.5°	1.0	1.2	1.0	1.2	1.2	1.2
99°	0.8	1.0	0.8	1.0	1.0	1.0
99.5°	0.7	0.8	0.7	0.8	0.8	0.8
100°	0.6	0.6	0.6	0.6	0.7	0.6
100.5°	0.5	0.5	0.5	0.5	0.5	0.5
101°	0.4	0.4	0.4	0.4	0.4	0.4
101.5°	0.3	0.3	0.3	0.3	0.3	0.3
102°	0.3	0.3	0.3	0.3	0.3	0.3
102.5°	0.2	0.3	0.2	0.3	0.2	0.2
103°	0.2	0.2	0.2	0.2	0.2	0.2
103.5°	0.2	0.2	0.2	0.2	0.2	0.2
104°	0.3	0.3	0.3	0.3	0.2	0.2
104.5°	0.3	0.3	0.3	0.3	0.2	0.2
105°	0.3	0.3	0.3	0.3	0.2	0.2
105.5°	0.3	0.3	0.3	0.3	0.2	0.2
106°	0.3	0.3	0.3	0.3	0.3	0.2
106.5°	0.3	0.3	0.3	0.3	0.3	0.2
107°	0.3	0.3	0.3	0.3	0.3	0.3
107.5°	0.3	0.3	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	0.4	0.3	0.3	0.3	0.3
109.5°	0.3	0.4	0.3	0.3	0.3	0.3
110°	0.4	0.4	0.4	0.3	0.3	0.3
110.5°	0.4	0.4	0.4	0.3	0.3	0.3
111°	0.4	0.4	0.4	0.4	0.3	0.3
111.5°	0.4	0.4	0.4	0.4	0.3	0.3
112°	0.4	0.4	0.4	0.4	0.3	0.3

TEST NUMBER: P1145872

CATALOG NUMBER: HLCMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.4	0.4	0.4	0.4	0.3	0.3
113°	0.4	0.5	0.4	0.4	0.3	0.3
113.5°	0.4	0.5	0.4	0.4	0.3	0.4
114°	0.4	0.5	0.4	0.4	0.3	0.4
114.5°	0.5	0.5	0.5	0.4	0.3	0.4
115°	0.5	0.5	0.5	0.4	0.3	0.4
115.5°	0.5	0.5	0.5	0.4	0.3	0.4
116°	0.5	0.5	0.5	0.4	0.4	0.4
116.5°	0.5	0.5	0.5	0.5	0.4	0.4
117°	0.5	0.5	0.5	0.5	0.4	0.4
117.5°	0.5	0.5	0.5	0.5	0.4	0.4
118°	0.5	0.5	0.5	0.5	0.4	0.4
118.5°	0.5	0.5	0.5	0.5	0.4	0.4
119°	0.5	0.6	0.5	0.5	0.4	0.5
119.5°	0.5	0.6	0.5	0.5	0.4	0.5
120°	0.6	0.6	0.6	0.5	0.4	0.5
120.5°	0.6	0.6	0.6	0.5	0.4	0.5
121°	0.6	0.6	0.6	0.5	0.4	0.5
121.5°	0.6	0.6	0.6	0.5	0.4	0.5
122°	0.6	0.6	0.6	0.5	0.4	0.5
122.5°	0.6	0.6	0.6	0.5	0.4	0.5
123°	0.6	0.6	0.6	0.5	0.4	0.5
123.5°	0.6	0.7	0.6	0.5	0.4	0.5
124°	0.6	0.7	0.6	0.6	0.4	0.5
124.5°	0.6	0.7	0.6	0.6	0.5	0.5
125°	0.7	0.7	0.7	0.6	0.5	0.6
125.5°	0.7	0.7	0.7	0.6	0.5	0.6
126°	0.7	0.7	0.7	0.6	0.5	0.6
126.5°	0.7	0.7	0.7	0.6	0.5	0.6
127°	0.7	0.8	0.7	0.6	0.5	0.6
127.5°	0.7	0.8	0.7	0.6	0.5	0.6
128°	0.7	0.8	0.7	0.6	0.5	0.5
128.5°	0.7	0.8	0.7	0.6	0.5	0.6
129°	0.7	0.8	0.7	0.7	0.5	0.6
129.5°	0.8	0.8	0.8	0.7	0.5	0.6
130°	0.8	0.8	0.8	0.7	0.5	0.6
130.5°	0.8	0.9	0.8	0.7	0.5	0.6
131°	0.8	0.9	0.8	0.7	0.6	0.6
131.5°	0.8	0.9	0.8	0.7	0.6	0.7
132°	0.8	0.9	0.8	0.7	0.6	0.7
132.5°	0.9	0.9	0.9	0.7	0.6	0.7
133°	0.9	0.9	0.9	0.7	0.6	0.7
133.5°	0.9	1.0	0.9	0.7	0.6	0.7
134°	0.9	1.0	0.9	0.7	0.6	0.7
134.5°	0.9	1.0	0.9	0.8	0.6	0.7

TEST NUMBER: P1145872

CATALOG NUMBER: HLCEMS612FS1E-4000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1145872
 CATALOG NUMBER: HLCMS612FS1E-4000K

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°	1.5	1.3	1.5	1.0	0.9	1.0
158.5°	1.5	1.4	1.5	1.1	0.9	1.0
159°	1.5	1.5	1.5	1.1	0.9	1.0
159.5°	1.5	1.6	1.5	1.2	0.9	0.9
160°	1.5	1.6	1.5	1.2	0.9	0.9
160.5°	1.5	1.7	1.5	1.3	0.9	0.9
161°	1.5	1.7	1.5	1.3	0.9	0.8
161.5°	1.4	1.7	1.4	1.3	0.9	0.8
162°	1.4	1.6	1.4	1.3	0.9	0.8
162.5°	1.3	1.5	1.3	1.3	0.9	0.8
163°	1.3	1.4	1.3	1.2	0.9	0.8
163.5°	1.2	1.4	1.2	1.1	0.9	0.8
164°	1.2	1.3	1.2	1.1	0.9	0.8
164.5°	1.3	1.3	1.3	1.1	1.0	0.8
165°	1.3	1.3	1.3	1.1	1.0	0.8
165.5°	1.3	1.2	1.3	1.1	1.0	0.8
166°	1.2	1.2	1.2	1.1	1.0	0.9
166.5°	1.2	1.2	1.2	1.1	1.0	0.9
167°	1.2	1.2	1.2	1.1	1.0	0.9
167.5°	1.2	1.2	1.2	1.1	1.0	1.0
168°	1.2	1.2	1.2	1.1	1.1	1.1
168.5°	1.2	1.2	1.2	1.1	1.1	1.2
169°	1.2	1.1	1.2	1.1	1.2	1.2
169.5°	1.1	1.1	1.1	1.0	1.2	1.2
170°	1.1	1.1	1.1	1.0	1.1	1.2
170.5°	1.0	1.1	1.0	1.0	1.1	1.2
171°	1.0	1.0	1.0	0.9	1.1	1.2
171.5°	1.0	1.0	1.0	0.9	1.0	1.1
172°	1.0	1.0	1.0	0.9	0.9	0.9
172.5°	0.9	0.9	0.9	0.8	0.8	0.8
173°	0.9	0.9	0.9	0.8	0.8	0.6
173.5°	0.9	0.9	0.9	0.8	0.7	0.5
174°	0.8	0.9	0.8	0.8	0.6	0.5
174.5°	0.8	0.8	0.8	0.7	0.6	0.5
175°	0.8	0.7	0.8	0.7	0.5	0.5
175.5°	0.7	0.7	0.7	0.6	0.4	0.4
176°	0.5	0.5	0.5	0.5	0.4	0.3
176.5°	0.5	0.5	0.5	0.5	0.4	0.3
177°	0.5	0.5	0.5	0.4	0.4	0.3
177.5°	0.5	0.4	0.5	0.4	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: P1145872
CATALOG NUMBER: HLCEMS612FS1E-4000K

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)