

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: P522073

Luminaire Tested: **HLBLV6099FSE010MW-2700K-UNIT**

Issue Date: 5/10/2021

Test Information

Test Method: LM-79-08
Report Number: P522073
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A1914661A001)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/10/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: HLBLV6099FSE010MW-2700K-UNIT
Description: Surface Mount Downlight Fixture, Single Unit
Light Source: (72) 2700K CCT, 92 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

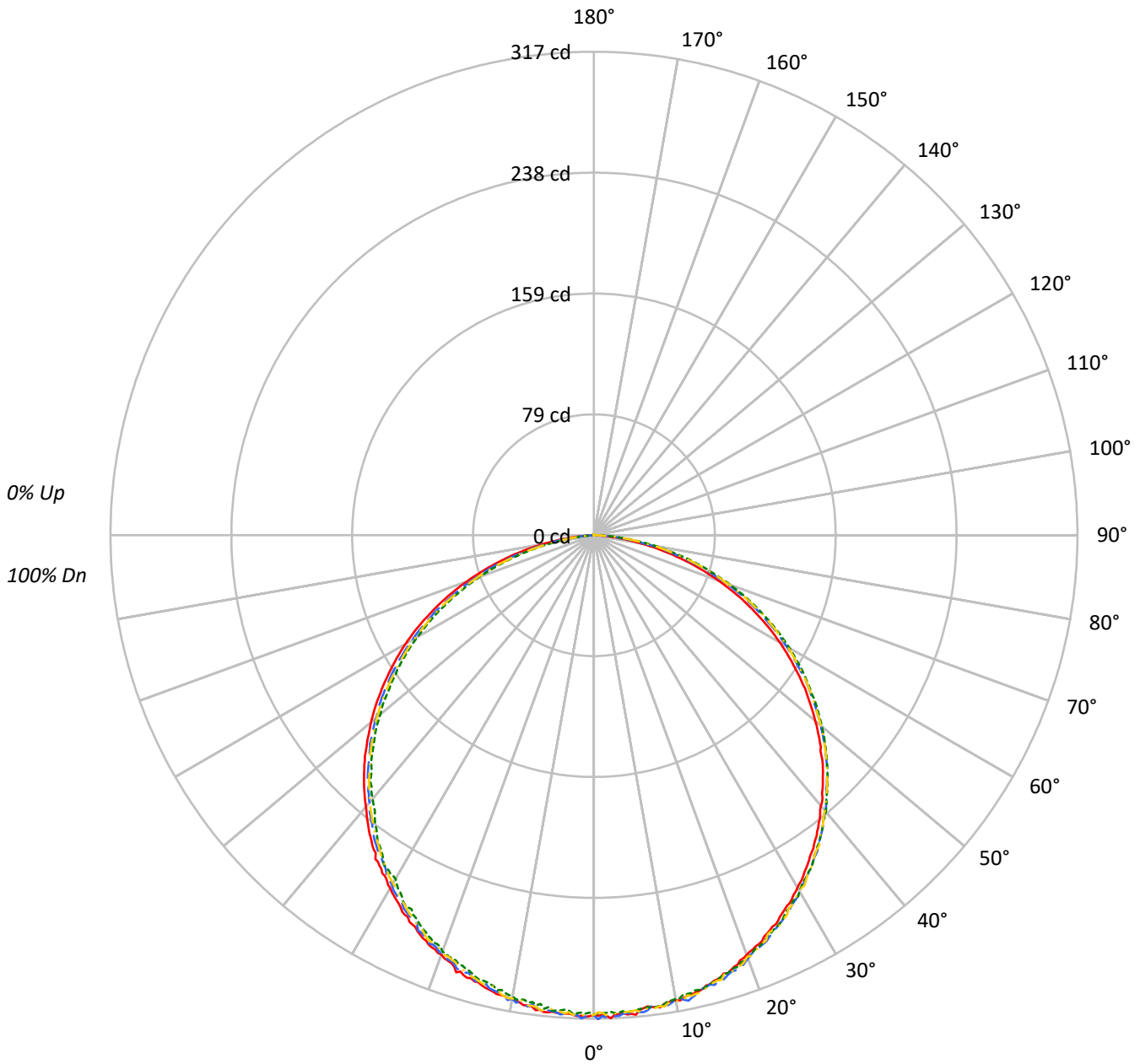
Lumens per Lamp: N/A
Luminaire Lumens: 905.0 lumens
Efficiency: N/A
Efficacy: 73.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Circular (Dia: 0.5m x H: 0m)
CIE Type: Direct

Input Watts (W): 12.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P522073
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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	100
1	109	104	100	96	106	102	98	94	97	94	91	94	91	88	90	88	86	86	86	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	72	72	72	70
3	90	79	71	65	87	78	70	64	75	68	63	72	66	62	69	65	61	61	61	61	58
4	82	70	61	55	80	69	61	54	66	59	53	64	58	53	62	56	52	52	52	52	50
5	76	63	54	47	74	62	53	47	59	52	46	57	51	46	56	50	45	45	45	45	43
6	70	56	47	41	68	55	47	41	54	46	40	52	45	40	50	44	40	40	40	40	38
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	40	35	35	35	35	33
8	60	47	38	32	59	46	38	32	45	37	32	43	37	32	42	36	31	31	31	31	29
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	28	28	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	26	26	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	1602	1602	1602	1602
5°	1613	1600	1603	1601
10°	1602	1596	1597	1588
15°	1596	1599	1597	1581
20°	1586	1596	1585	1574
25°	1582	1593	1582	1554
30°	1570	1584	1572	1530
35°	1559	1576	1564	1531
40°	1540	1573	1546	1501
45°	1529	1559	1533	1485
50°	1501	1546	1512	1449
55°	1473	1526	1486	1408
60°	1436	1510	1455	1363
65°	1379	1471	1403	1292
70°	1293	1418	1321	1190
75°	1159	1338	1206	1027
80°	944	1202	1021	768
85°	596	1005	713	356



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.8	3.3
10°-20°	85.3	9.4
20°-30°	129.5	14.3
30°-40°	156.6	17.3
40°-50°	163.3	18.0
50°-60°	148.5	16.4
60°-70°	113.7	12.6
70°-80°	63.6	7.0
80°-90°	14.3	1.6
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.1	0.0
140°-150°	0.1	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	244.6	27.0
0°-40°	401.2	44.3
0°-60°	713.1	78.8
0°-90°	904.7	100.0
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	905.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	315	315	315	315	315	
5°	316	313	314	313	316	30
15°	303	303	303	300	303	86
25°	282	283	282	277	282	130
35°	251	254	252	246	251	157
45°	212	216	213	206	212	163
55°	166	172	167	159	166	148
65°	114	122	116	107	114	113
75°	59	68	61	52	59	62
85°	10	17	12	6	10	13
90°	0	1	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	314.6	314.6	314.6	314.6	314.6	314.6	314.6	314.6	314.6	314.6	314.6
0.5°	315.1	315.5	317.4	314.6	313.6	313.4	312.9	315.0	315.3	313.7	316.8
1°	314.6	315.1	315.4	313.4	313.6	314.5	313.2	313.8	315.9	316.0	315.6
1.5°	315.3	316.3	316.3	314.4	313.3	314.7	314.8	314.5	315.3	314.8	317.0
2°	316.9	318.3	316.1	316.4	312.6	314.9	314.7	314.5	315.5	314.5	314.7
2.5°	314.7	317.0	315.7	315.8	313.6	314.4	313.9	315.3	314.7	314.5	314.9
3°	314.5	315.0	315.5	315.5	313.4	314.9	313.5	315.0	314.2	314.8	314.0
3.5°	313.9	313.8	314.3	314.3	312.7	313.4	313.6	314.7	314.3	315.7	314.2
4°	315.0	314.7	314.0	314.7	313.8	314.6	313.3	313.7	314.2	315.4	315.0
4.5°	314.8	313.6	315.0	314.4	313.0	313.9	313.2	313.3	314.1	313.7	313.7
5°	315.6	313.3	313.5	314.4	313.0	313.5	312.5	313.1	313.6	313.0	313.2
5.5°	312.6	312.3	314.3	313.4	312.2	313.5	313.9	313.5	314.2	314.1	313.0
6°	311.8	313.2	314.3	313.3	311.9	313.0	314.5	313.8	314.3	313.4	312.9
6.5°	310.9	313.3	313.3	313.6	311.5	313.5	311.8	311.7	313.3	310.2	313.3
7°	311.8	313.2	311.0	313.5	311.7	313.4	313.2	311.8	313.7	311.8	312.1
7.5°	311.9	312.3	310.4	311.8	312.1	310.7	312.5	311.8	311.7	310.7	310.2
8°	312.6	311.8	312.0	312.8	311.4	310.5	311.8	311.4	311.4	309.8	312.2
8.5°	310.8	310.4	311.5	312.4	311.3	309.4	312.6	310.4	311.7	310.9	311.0
9°	310.3	309.3	311.8	311.4	309.1	311.0	310.6	310.6	310.2	309.8	310.0
9.5°	309.7	309.8	310.7	310.6	309.3	311.4	311.5	309.2	309.2	309.7	310.7
10°	309.8	310.7	308.8	310.8	308.7	309.3	310.8	309.7	308.9	309.1	308.5
10.5°	310.2	309.4	309.0	311.0	308.7	310.2	308.7	308.5	308.7	307.7	310.1
11°	309.1	307.7	310.4	309.0	307.0	309.2	309.8	309.1	307.9	307.3	307.6
11.5°	307.9	308.0	311.5	308.2	307.0	309.1	307.8	307.7	307.7	308.3	306.6
12°	308.0	307.1	309.8	309.3	306.9	307.7	308.7	306.5	307.5	304.5	306.1
12.5°	307.2	307.3	308.6	307.7	305.7	307.7	308.1	306.0	306.5	305.2	305.6
13°	306.7	307.2	307.1	307.0	306.0	305.6	307.9	305.0	305.8	304.9	304.8
13.5°	305.9	307.4	305.6	306.4	306.0	304.8	306.1	305.2	305.1	303.6	302.7
14°	304.4	306.2	305.0	305.1	304.8	304.9	306.1	303.8	304.1	303.1	303.1
14.5°	304.0	303.8	304.2	304.2	303.9	304.8	304.0	303.4	302.8	302.5	302.6
15°	302.7	302.3	305.3	302.7	303.3	303.6	303.6	302.5	302.9	301.3	302.3
15.5°	302.2	301.2	304.1	302.8	302.5	302.7	302.9	301.1	301.5	300.7	300.1
16°	301.5	301.2	304.3	302.6	301.4	302.1	303.3	301.1	301.9	299.8	298.6
16.5°	299.7	300.3	302.8	301.9	300.1	301.1	300.4	300.5	300.9	298.9	299.1
17°	300.5	300.3	301.1	301.0	300.3	300.9	300.2	300.3	299.2	298.5	297.4
17.5°	298.8	300.7	300.0	299.4	298.9	299.7	300.2	297.7	300.5	297.7	298.3
18°	297.5	298.8	300.1	299.2	298.2	298.4	299.6	298.3	297.0	296.8	296.0
18.5°	296.9	296.5	299.3	297.8	298.4	297.9	298.6	296.8	295.6	295.6	294.4
19°	294.7	295.4	298.8	296.7	296.1	296.7	297.6	295.4	294.8	294.9	294.4
19.5°	294.0	295.4	297.0	295.8	296.0	295.5	296.4	294.8	294.2	293.9	293.1
20°	292.7	294.3	295.4	294.9	294.5	294.6	294.0	294.0	292.5	292.3	292.5
20.5°	291.7	291.1	293.6	293.9	293.5	293.5	294.4	292.4	292.4	291.8	290.8
21°	290.8	291.1	292.4	292.7	292.1	292.1	293.3	291.4	290.9	289.5	289.1
21.5°	289.6	291.8	292.3	291.8	290.7	291.7	291.8	290.3	290.4	288.6	288.5
22°	289.1	289.8	290.8	291.6	290.3	290.0	291.0	289.0	289.5	288.3	288.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	287.9	288.5	290.0	289.9	289.3	288.6	289.3	288.3	287.7	287.0	286.5
23°	285.8	288.4	289.5	289.7	288.1	288.5	288.8	288.1	287.1	285.3	285.4
23.5°	284.8	286.7	287.7	287.9	286.3	286.5	285.4	286.6	285.7	284.6	284.1
24°	283.5	285.1	286.4	286.9	285.4	285.4	284.4	285.0	284.2	282.9	283.6
24.5°	282.1	284.2	284.8	285.5	284.2	284.9	284.3	284.0	282.3	281.5	279.8
25°	281.6	282.5	283.7	284.1	283.4	283.4	283.8	281.6	281.6	280.2	279.7
25.5°	280.2	281.2	282.4	283.4	282.5	281.8	283.3	281.1	280.9	279.2	278.3
26°	278.3	279.8	281.3	282.5	281.2	281.1	281.3	279.5	278.4	278.1	277.2
26.5°	277.0	279.0	279.8	280.7	279.3	280.2	280.2	278.8	278.1	277.5	275.8
27°	275.4	277.3	278.7	278.8	277.2	278.6	279.0	276.9	276.9	275.1	274.7
27.5°	274.1	275.3	277.4	277.8	276.4	277.4	276.4	275.2	274.8	273.5	272.3
28°	273.3	274.7	275.7	276.3	275.0	275.4	275.4	274.1	273.0	272.0	270.8
28.5°	271.8	272.4	274.1	274.7	273.3	274.3	274.0	272.4	271.9	271.0	270.0
29°	269.8	270.8	273.1	273.2	272.3	273.0	272.3	271.8	270.4	269.2	268.4
29.5°	268.6	270.2	271.6	271.2	272.2	271.3	270.8	268.8	268.9	266.6	267.1
30°	267.0	268.6	270.1	270.5	269.3	269.8	269.7	268.0	267.3	265.5	264.8
30.5°	265.3	266.5	268.2	268.9	267.6	268.4	268.3	267.2	266.0	264.3	263.6
31°	264.1	265.2	266.7	266.6	265.6	267.3	268.0	265.3	263.8	262.9	261.8
31.5°	262.5	263.8	264.9	264.9	264.7	265.6	265.7	262.4	262.2	261.1	260.4
32°	260.6	261.6	263.5	263.8	263.7	263.6	263.8	261.9	261.6	259.5	257.7
32.5°	259.0	260.2	262.1	262.3	261.7	262.5	261.3	260.3	259.4	258.1	256.2
33°	257.3	258.5	260.3	260.9	260.8	261.2	260.8	259.1	258.3	256.0	254.6
33.5°	255.6	257.5	259.0	259.2	259.3	259.3	259.2	256.8	256.6	254.5	252.8
34°	253.6	255.7	257.3	257.9	257.3	256.8	257.0	255.3	256.2	253.0	251.7
34.5°	252.2	254.0	255.7	255.6	255.0	255.4	255.2	254.2	252.8	251.4	250.5
35°	250.7	252.1	254.4	254.2	253.5	253.9	253.5	252.7	251.6	249.7	248.6
35.5°	248.6	250.2	253.0	252.7	251.8	252.4	252.2	250.7	250.1	247.4	247.1
36°	246.9	248.3	250.9	251.0	250.4	250.8	251.4	249.0	247.9	246.0	245.2
36.5°	245.3	246.6	248.8	249.2	248.9	248.8	248.5	247.1	246.2	244.6	243.2
37°	243.2	244.8	247.1	247.2	246.7	247.1	246.5	245.5	244.6	243.1	241.1
37.5°	241.6	242.8	245.4	245.1	245.0	245.2	245.7	243.6	242.6	241.0	239.0
38°	239.3	241.1	243.4	243.5	243.4	243.4	243.2	241.8	240.6	239.1	237.2
38.5°	237.8	239.3	241.8	241.7	240.8	241.8	241.4	239.8	238.7	237.3	235.2
39°	235.6	237.5	239.7	240.0	239.5	239.8	239.2	238.1	236.7	234.3	233.6
39.5°	233.2	235.8	237.7	237.8	238.3	238.0	237.0	236.2	234.5	233.3	231.6
40°	231.6	233.9	236.1	235.9	236.6	235.9	235.7	234.3	232.6	231.4	228.9
40.5°	230.3	231.9	234.4	233.9	234.7	234.2	233.8	232.4	230.8	228.8	227.1
41°	228.4	229.7	231.9	232.2	232.5	232.3	231.7	230.3	228.9	226.5	225.0
41.5°	225.6	227.8	230.1	230.4	229.8	230.4	229.9	228.3	226.9	224.8	223.5
42°	224.1	225.7	228.1	228.4	228.3	228.7	228.0	226.3	224.9	223.0	220.8
42.5°	222.0	223.5	225.4	226.6	226.5	226.6	226.1	224.1	223.1	220.9	219.5
43°	220.1	221.9	223.9	224.5	224.6	224.5	224.1	222.3	221.1	219.0	217.5
43.5°	218.0	220.2	221.9	222.5	222.5	222.5	222.1	220.4	219.0	217.0	215.3
44°	216.2	218.0	220.0	220.6	220.5	220.6	220.1	218.3	217.0	214.6	213.1
44.5°	214.2	215.8	217.8	218.6	218.4	218.7	218.2	216.4	214.9	212.6	210.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	212.3	213.7	215.9	216.4	216.5	216.6	216.1	214.2	212.8	210.7	208.7
45.5°	209.8	211.6	214.2	214.4	214.3	214.4	214.1	212.0	210.6	208.4	206.8
46°	207.2	209.6	211.7	212.4	212.3	212.4	211.8	209.8	208.7	206.4	204.3
46.5°	204.8	207.5	209.6	210.3	210.3	210.3	209.7	207.7	206.4	204.2	202.5
47°	203.6	205.0	207.5	208.1	208.0	208.2	207.5	205.7	203.9	202.0	200.7
47.5°	201.0	203.0	205.4	206.1	206.0	206.5	205.3	203.3	201.7	199.6	198.2
48°	198.8	200.9	203.6	204.1	203.7	204.1	203.1	201.1	199.7	197.2	195.9
48.5°	196.4	199.0	200.9	201.7	201.8	201.7	200.9	199.0	197.3	194.8	193.5
49°	194.1	196.4	198.8	199.8	199.7	199.4	198.8	196.8	195.1	192.9	191.3
49.5°	192.0	193.9	196.2	197.6	197.3	197.1	196.6	194.7	192.9	190.7	189.0
50°	189.5	191.9	194.1	195.1	195.1	194.9	194.3	192.6	190.8	188.5	186.6
50.5°	187.1	189.4	191.5	192.4	192.8	192.6	192.0	190.0	188.5	186.1	184.1
51°	184.8	187.1	189.4	190.4	190.6	190.7	189.4	188.1	186.2	183.7	182.2
51.5°	182.4	184.8	187.1	188.2	188.4	188.6	187.0	185.9	184.0	181.4	180.1
52°	180.1	182.3	184.9	185.9	186.2	186.1	184.8	183.5	181.7	178.9	177.5
52.5°	177.8	180.3	182.4	183.6	184.0	183.8	182.6	180.8	179.2	176.6	175.4
53°	175.5	178.1	180.2	181.2	181.7	181.4	180.4	178.7	176.7	174.3	172.7
53.5°	173.3	175.4	177.6	178.6	179.1	179.0	178.1	176.3	174.4	172.0	170.5
54°	171.2	173.0	175.3	176.0	176.4	176.8	175.7	174.4	172.0	169.8	168.0
54.5°	168.2	170.7	173.2	173.9	174.4	174.7	173.5	171.8	169.8	167.5	165.3
55°	165.9	168.4	170.9	171.6	171.9	172.3	171.2	169.2	167.4	164.9	163.2
55.5°	163.6	166.0	168.5	168.9	169.6	170.0	168.7	166.9	164.7	162.5	160.9
56°	161.0	163.6	166.2	166.6	167.3	167.5	166.3	164.3	162.4	160.1	158.4
56.5°	158.3	161.1	163.5	164.4	165.1	165.1	163.9	162.2	160.0	157.7	155.7
57°	155.8	158.4	160.5	161.8	162.8	162.7	161.2	159.6	157.5	155.2	153.4
57.5°	153.5	155.8	158.2	159.2	160.3	160.3	158.8	157.4	155.0	152.9	150.8
58°	150.9	153.4	155.8	156.8	157.7	157.6	156.3	154.6	152.7	150.2	148.2
58.5°	148.6	151.1	153.5	154.3	155.3	155.1	153.9	152.1	150.3	147.5	145.7
59°	146.0	148.4	150.8	152.2	152.9	152.7	151.8	149.4	147.8	144.9	143.0
59.5°	143.4	145.9	148.3	149.4	150.6	150.4	149.4	147.0	145.3	142.4	140.4
60°	141.0	143.3	145.9	147.0	148.2	147.8	146.9	144.2	142.8	139.9	137.6
60.5°	138.1	141.0	143.4	144.5	145.6	145.4	144.3	142.1	140.2	137.4	135.4
61°	135.7	138.3	140.8	142.0	143.0	142.8	141.7	139.5	137.6	134.8	132.6
61.5°	133.1	135.8	138.0	139.4	140.4	140.3	139.1	137.2	135.0	132.2	130.0
62°	130.5	133.0	135.6	136.7	138.0	137.8	136.6	134.4	132.4	129.5	127.1
62.5°	127.7	130.4	133.0	134.3	135.5	135.3	134.1	131.9	129.7	127.0	124.5
63°	125.1	127.7	130.3	131.8	132.8	132.8	131.5	129.0	127.1	124.4	121.8
63.5°	122.4	125.1	127.6	128.9	130.1	130.1	129.0	126.5	124.5	121.6	119.2
64°	119.7	122.2	125.0	126.0	127.6	127.4	126.3	123.6	121.7	118.8	116.8
64.5°	117.1	119.8	122.1	123.7	124.9	124.8	123.7	121.2	119.0	116.3	114.0
65°	114.4	117.2	119.4	121.2	122.1	122.0	121.1	118.6	116.4	113.8	111.1
65.5°	111.7	114.7	117.0	118.6	119.5	119.4	118.4	115.8	113.7	111.1	108.3
66°	109.0	111.9	114.4	115.7	116.9	116.5	115.6	113.0	111.0	108.1	105.7
66.5°	106.4	108.9	111.6	113.0	114.2	114.1	112.9	110.4	108.1	105.4	103.0
67°	103.9	106.5	108.9	110.2	111.5	111.4	110.2	107.6	105.4	102.8	100.2



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	100.8	103.8	106.4	107.4	108.7	108.6	107.6	104.9	102.7	100.1	97.4
68°	97.8	100.9	103.9	105.0	106.2	106.0	104.6	102.1	99.9	97.3	94.7
68.5°	95.0	98.0	100.8	102.1	103.4	103.3	102.0	99.4	97.1	94.3	91.9
69°	92.3	95.2	97.9	99.1	100.6	100.6	99.2	96.7	94.3	91.6	89.2
69.5°	89.5	92.4	95.1	96.4	97.9	97.8	96.5	93.8	91.5	88.8	86.7
70°	86.8	89.6	92.4	93.8	95.2	95.0	93.8	91.2	88.7	86.3	83.7
70.5°	84.2	86.8	89.6	90.9	92.3	92.4	90.9	88.5	86.2	83.4	81.0
71°	81.4	84.0	86.8	88.1	89.5	89.5	88.2	85.9	83.3	80.6	78.2
71.5°	78.6	81.5	84.0	85.6	86.7	86.7	85.5	83.1	80.6	77.8	75.6
72°	75.7	78.6	81.2	82.9	84.2	84.1	82.8	80.3	77.7	75.1	72.8
72.5°	72.9	76.0	78.3	80.0	81.5	81.4	79.9	77.6	75.0	72.4	70.1
73°	70.1	73.0	75.5	77.2	78.9	78.6	77.0	74.8	72.1	69.7	67.2
73.5°	67.3	70.2	72.8	74.5	76.0	75.8	74.3	72.2	69.5	66.6	64.5
74°	64.7	67.3	70.2	71.6	73.3	73.1	71.6	69.2	66.7	64.1	61.7
74.5°	61.8	64.6	67.2	68.9	70.6	70.4	68.9	66.5	64.0	61.3	58.7
75°	58.9	61.9	64.5	66.1	68.0	67.7	66.1	63.9	61.3	58.4	56.0
75.5°	56.1	59.0	61.7	63.5	65.2	64.9	63.5	61.2	58.5	55.8	53.5
76°	53.6	56.2	58.8	60.6	62.4	62.0	60.8	58.4	55.8	53.2	50.8
76.5°	50.8	53.7	56.0	58.1	59.6	59.4	58.0	55.6	53.2	50.4	48.0
77°	47.8	50.9	53.5	55.2	56.9	56.6	55.2	53.1	50.6	47.8	45.3
77.5°	45.5	48.1	50.8	52.4	54.3	54.0	52.7	50.4	47.9	45.1	42.8
78°	42.7	45.5	48.0	49.8	51.5	51.3	50.0	47.7	45.2	42.5	40.2
78.5°	40.2	42.8	45.3	47.1	48.9	48.5	47.3	45.0	42.5	40.0	37.6
79°	37.5	40.3	42.6	44.3	46.2	45.9	44.6	42.4	39.9	37.2	35.0
79.5°	34.8	37.5	40.1	41.6	43.5	43.2	42.0	39.9	37.3	34.7	32.5
80°	32.2	35.0	37.6	39.0	41.0	40.7	39.5	37.2	34.8	32.3	30.0
80.5°	29.9	32.4	34.8	36.4	38.4	38.1	36.9	34.7	32.3	29.8	27.6
81°	27.2	29.9	32.2	33.8	35.9	35.7	34.3	32.3	29.9	27.3	25.2
81.5°	24.9	27.5	29.8	31.3	33.4	33.2	31.8	29.8	27.4	24.8	22.8
82°	22.6	25.1	27.3	28.8	30.9	30.5	29.4	27.4	25.0	22.6	20.6
82.5°	20.4	22.7	25.0	26.4	28.4	28.2	27.0	25.0	22.7	20.5	18.5
83°	18.2	20.6	22.6	24.0	26.0	25.9	24.6	22.8	20.6	18.3	16.4
83.5°	16.0	18.4	20.4	21.8	23.7	23.4	22.3	20.5	18.3	16.1	14.2
84°	14.0	16.1	18.2	19.6	21.4	21.2	20.2	18.5	16.2	14.1	12.3
84.5°	12.1	14.1	16.0	17.4	19.4	19.3	18.0	16.2	14.1	12.2	10.3
85°	10.2	12.3	14.0	15.3	17.2	17.1	15.9	14.2	12.2	10.2	8.6
85.5°	8.6	10.3	12.1	13.2	15.2	15.0	13.9	12.2	10.2	8.4	6.8
86°	6.8	8.6	10.1	11.4	13.1	12.9	11.9	10.3	8.5	6.7	5.3
86.5°	5.3	6.9	8.7	9.5	11.2	10.9	10.0	8.5	6.8	5.3	3.9
87°	4.0	5.3	6.8	7.9	9.3	9.1	8.2	6.8	5.3	3.8	2.6
87.5°	2.7	4.1	5.3	6.4	7.8	7.6	6.6	5.3	3.9	2.5	1.6
88°	1.8	2.9	4.0	4.9	6.0	5.9	5.1	3.9	2.6	1.6	0.7
88.5°	0.9	1.8	2.7	3.5	4.7	4.4	3.8	2.6	1.5	0.6	0.0
89°	0.3	1.0	1.8	2.5	3.2	3.0	2.3	1.7	0.6	0.0	0.0
89.5°	0.0	0.4	0.9	1.6	1.9	1.8	1.3	0.7	0.0	0.0	0.0



TEST NUMBER: P522073
 CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.3	0.8	1.0	0.9	0.4	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5°	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5°	0.1	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131°	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5°	0.3	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132°	0.2	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.2	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133°	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.1	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0
135.5°	0.1	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136°	0.1	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.5°	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137°	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.5°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139°	0.1	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.5°	0.1	0.2	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0
141°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0
141.5°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.0
143.5°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0
144°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1
144.5°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.1
145°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.1
145.5°	0.1	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.1	0.1	0.1
146°	0.1	0.2	0.1	0.2	0.0	0.0	0.1	0.0	0.1	0.1	0.1
146.5°	0.1	0.2	0.1	0.2	0.0	0.1	0.1	0.0	0.2	0.1	0.1
147°	0.1	0.2	0.1	0.2	0.0	0.1	0.1	0.0	0.2	0.1	0.1
147.5°	0.1	0.2	0.1	0.2	0.0	0.1	0.1	0.1	0.2	0.1	0.1
148°	0.1	0.2	0.1	0.2	0.0	0.1	0.1	0.1	0.1	0.2	0.1
148.5°	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1
149°	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.2	0.1
149.5°	0.1	0.2	0.1	0.2	0.0	0.1	0.1	0.1	0.2	0.3	0.1
150°	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.2	0.2	0.0	0.1
150.5°	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1
151°	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.1
151.5°	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.2
152°	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.2
152.5°	0.1	0.3	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.2
153°	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2
153.5°	0.1	0.3	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.2
154°	0.1	0.3	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.1	0.2
154.5°	0.1	0.3	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.3
155°	0.1	0.3	0.1	0.2	0.1	0.3	0.2	0.2	0.2	0.1	0.3
155.5°	0.1	0.3	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.3
156°	0.1	0.5	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.3
156.5°	0.1	0.5	0.1	0.2	0.1	0.2	0.3	0.2	0.2	0.1	0.4
157°	0.1	0.5	0.1	0.2	0.1	0.3	0.3	0.2	0.2	0.1	0.3



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.1	0.5	0.1	0.2	0.0	0.2	0.3	0.2	0.2	0.1	0.3
158°	0.1	0.5	0.1	0.2	0.0	0.3	0.3	0.2	0.2	0.1	0.4
158.5°	0.1	0.5	0.1	0.2	0.0	0.3	0.3	0.2	0.2	0.1	0.4
159°	0.1	0.5	0.1	0.2	0.0	0.4	0.3	0.2	0.2	0.1	0.5
159.5°	0.1	0.5	0.1	0.2	0.0	0.3	0.3	0.2	0.2	0.1	0.5
160°	0.1	0.5	0.1	0.2	0.0	0.3	0.3	0.2	0.2	0.1	0.5
160.5°	0.1	0.5	0.1	0.2	0.0	0.3	0.3	0.2	0.2	0.1	0.5
161°	0.1	0.5	0.1	0.2	0.0	0.3	0.3	0.2	0.2	0.1	0.5
161.5°	0.1	0.5	0.1	0.2	0.0	0.3	0.3	0.2	0.2	0.1	0.5
162°	0.1	0.5	0.1	0.2	0.0	0.4	0.4	0.2	0.2	0.1	0.5
162.5°	0.1	0.5	0.1	0.2	0.0	0.3	0.4	0.2	0.2	0.1	0.5
163°	0.1	0.5	0.1	0.2	0.0	0.3	0.4	0.2	0.2	0.1	0.5
163.5°	0.1	0.6	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.1	0.5
164°	0.1	0.6	0.1	0.2	0.0	0.5	0.4	0.2	0.2	0.1	0.5
164.5°	0.1	0.4	0.1	0.2	0.0	0.4	0.4	0.2	0.2	0.1	0.7
165°	0.1	0.6	0.1	0.2	0.0	0.4	0.5	0.2	0.2	0.1	0.7
165.5°	0.1	0.7	0.1	0.2	0.0	0.4	0.5	0.2	0.2	0.1	0.6
166°	0.1	0.7	0.1	0.2	0.0	0.4	0.5	0.2	0.2	0.1	0.6
166.5°	0.1	0.7	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.1	0.6
167°	0.1	0.7	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.1	0.6
167.5°	0.1	0.7	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.1	0.6
168°	0.1	0.2	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.2	0.6
168.5°	0.1	0.2	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.1	0.6
169°	0.1	0.4	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.2	0.6
169.5°	0.1	0.4	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.6	0.6
170°	0.1	0.4	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.6	0.6
170.5°	0.1	1.0	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.7	0.6
171°	0.1	1.0	0.1	0.2	0.0	0.5	0.6	0.2	0.2	0.6	0.6
171.5°	0.1	0.9	0.2	0.2	0.0	0.5	0.5	0.2	0.2	0.3	0.6
172°	0.1	0.9	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.7	0.6
172.5°	0.1	0.9	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.3	0.6
173°	0.1	0.8	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.3	0.6
173.5°	0.1	0.8	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.2	0.6
174°	0.1	0.8	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.2	0.6
174.5°	0.1	0.8	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.1	0.6
175°	0.1	0.8	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.1	0.6
175.5°	0.1	0.8	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.1	0.6
176°	0.1	0.8	0.1	0.2	0.0	0.5	0.5	0.2	0.2	0.1	0.6
176.5°	0.1	0.7	0.1	0.2	0.0	0.5	0.6	0.2	0.2	0.1	0.6
177°	0.1	0.7	0.1	0.2	0.0	0.5	0.6	0.2	0.2	0.1	0.6
177.5°	0.1	0.7	0.1	0.2	0.0	0.5	0.6	0.2	0.2	0.1	0.6
178°	0.1	0.7	0.1	0.2	0.0	0.5	0.6	0.2	0.2	0.1	0.6
178.5°	0.1	0.7	0.1	0.2	0.0	0.5	0.7	0.2	0.2	0.1	0.6
179°	0.1	0.6	0.1	0.2	0.0	0.5	0.7	0.2	0.2	0.1	0.6
179.5°	0.1	0.6	0.1	0.2	0.0	0.5	0.7	0.2	0.2	0.1	0.6



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	314.6	314.6	314.6	314.6	314.6	314.6
0.5°	314.2	313.0	313.0	314.7	313.3	315.1
1°	314.1	313.7	313.2	314.4	314.1	314.6
1.5°	313.2	313.0	314.1	314.9	314.9	315.3
2°	314.0	313.5	313.1	314.1	315.4	316.9
2.5°	313.0	314.2	312.3	314.9	314.8	314.7
3°	313.6	312.1	312.8	313.2	314.4	314.5
3.5°	313.5	311.6	313.3	314.1	313.3	313.9
4°	313.0	312.4	311.6	313.3	312.2	315.0
4.5°	312.6	312.6	312.6	312.7	312.7	314.8
5°	313.1	313.1	313.5	311.6	312.8	315.6
5.5°	312.6	310.8	312.0	312.4	310.9	312.6
6°	310.2	312.2	312.2	313.7	311.0	311.8
6.5°	311.6	309.3	311.0	313.3	311.0	310.9
7°	312.0	310.5	310.2	311.5	312.4	311.8
7.5°	310.8	308.7	310.7	311.3	313.1	311.9
8°	310.9	309.5	310.2	311.4	310.8	312.6
8.5°	310.0	308.1	309.2	308.4	309.9	310.8
9°	309.0	308.1	309.4	309.0	307.2	310.3
9.5°	306.7	308.7	306.6	309.0	309.0	309.7
10°	308.4	307.1	306.2	308.5	308.0	309.8
10.5°	306.5	306.6	308.0	308.7	307.9	310.2
11°	306.6	305.7	306.2	308.1	307.9	309.1
11.5°	305.7	304.2	306.0	306.9	306.2	307.9
12°	304.6	305.0	305.8	304.6	304.6	308.0
12.5°	304.2	303.0	304.6	303.1	303.2	307.2
13°	304.0	302.1	303.6	303.1	303.1	306.7
13.5°	302.0	301.3	301.9	303.6	303.0	305.9
14°	302.2	300.8	301.2	302.8	302.5	304.4
14.5°	300.5	300.9	300.9	301.9	302.4	304.0
15°	300.2	299.8	299.4	300.9	301.9	302.7
15.5°	299.2	298.3	299.0	300.1	301.1	302.2
16°	299.2	297.1	297.6	299.2	298.6	301.5
16.5°	298.3	296.3	296.3	298.1	298.2	299.7
17°	296.4	295.1	295.9	297.3	297.7	300.5
17.5°	296.2	295.0	295.5	296.3	295.9	298.8
18°	294.9	293.1	294.5	294.3	295.3	297.5
18.5°	293.5	292.6	293.1	293.7	294.3	296.9
19°	294.1	292.3	292.3	292.5	293.5	294.7
19.5°	292.1	291.1	290.8	292.2	292.0	294.0
20°	290.8	290.4	290.4	291.1	291.9	292.7
20.5°	289.2	287.9	290.0	289.2	290.4	291.7
21°	287.8	287.0	287.9	288.9	289.6	290.8
21.5°	286.3	286.9	287.3	287.8	288.3	289.6
22°	286.4	285.3	285.0	286.9	286.5	289.1



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	285.1	284.1	283.6	286.1	285.1	287.9
23°	283.8	282.5	283.1	284.3	284.7	285.8
23.5°	282.3	281.5	282.2	282.1	283.4	284.8
24°	279.6	279.9	281.2	281.8	282.6	283.5
24.5°	278.0	278.3	279.7	280.3	280.3	282.1
25°	277.4	276.6	277.7	278.8	278.9	281.6
25.5°	277.9	275.6	276.1	277.2	277.8	280.2
26°	275.9	272.8	274.9	276.0	276.5	278.3
26.5°	274.5	272.8	273.2	274.5	275.8	277.0
27°	272.6	272.4	271.8	272.6	274.7	275.4
27.5°	271.1	270.9	270.3	271.3	272.8	274.1
28°	269.4	268.2	269.2	269.8	270.9	273.3
28.5°	268.1	266.2	267.6	268.3	269.7	271.8
29°	266.5	264.9	265.4	266.3	267.8	269.8
29.5°	264.9	262.7	264.0	264.8	265.8	268.6
30°	263.3	260.2	263.0	263.5	264.4	267.0
30.5°	261.8	259.3	260.8	262.2	262.7	265.3
31°	260.0	259.1	259.5	260.9	261.5	264.1
31.5°	257.9	257.7	257.5	259.0	259.4	262.5
32°	256.4	257.0	255.2	257.3	258.0	260.6
32.5°	254.6	256.1	253.6	255.7	256.4	259.0
33°	253.1	253.6	252.1	253.8	254.7	257.3
33.5°	251.7	251.4	250.5	252.6	253.1	255.6
34°	250.1	249.4	248.9	250.6	251.1	253.6
34.5°	248.6	247.8	247.2	248.6	249.5	252.2
35°	246.6	246.3	245.4	246.8	247.7	250.7
35.5°	245.0	244.7	243.6	245.1	245.7	248.6
36°	243.0	242.0	241.9	243.3	243.8	246.9
36.5°	241.3	239.7	240.2	241.8	241.9	245.3
37°	239.3	238.0	238.5	239.7	240.2	243.2
37.5°	237.6	235.9	236.8	238.0	238.3	241.6
38°	235.7	233.4	235.0	236.1	236.4	239.3
38.5°	233.7	230.9	233.0	234.2	234.8	237.8
39°	231.5	229.2	231.0	232.4	232.7	235.6
39.5°	229.7	227.5	229.1	230.2	231.2	233.2
40°	227.5	225.8	226.9	228.5	229.2	231.6
40.5°	225.4	224.2	224.7	226.3	227.3	230.3
41°	223.6	222.4	222.7	224.3	225.5	228.4
41.5°	221.8	220.1	220.5	222.5	223.4	225.6
42°	219.6	218.8	218.5	220.2	221.4	224.1
42.5°	217.7	216.7	216.4	218.5	219.5	222.0
43°	215.7	214.1	214.2	215.9	217.3	220.1
43.5°	213.8	211.8	212.1	214.2	215.3	218.0
44°	211.7	210.0	210.5	211.7	213.4	216.2
44.5°	209.6	208.5	207.8	209.6	211.1	214.2



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	207.4	206.2	205.7	207.9	209.2	212.3
45.5°	205.0	203.7	203.6	205.9	206.8	209.8
46°	203.0	201.5	201.6	203.4	204.8	207.2
46.5°	200.8	198.9	199.7	201.1	202.6	204.8
47°	198.3	196.8	197.3	199.0	200.3	203.6
47.5°	196.3	194.7	195.3	196.7	198.0	201.0
48°	193.9	192.8	192.9	194.5	195.9	198.8
48.5°	191.7	190.4	190.3	192.5	193.4	196.4
49°	189.4	187.9	188.1	190.2	191.2	194.1
49.5°	187.3	185.3	186.1	187.9	189.4	192.0
50°	184.9	182.9	183.6	185.8	186.9	189.5
50.5°	182.5	180.5	181.4	183.2	184.6	187.1
51°	180.0	178.7	179.3	180.9	182.3	184.8
51.5°	177.6	176.3	176.7	178.4	179.9	182.4
52°	175.3	173.8	174.2	175.9	177.6	180.1
52.5°	173.0	171.1	171.7	173.7	175.2	177.8
53°	170.7	168.4	169.6	171.3	172.7	175.5
53.5°	168.2	166.2	167.3	168.6	170.1	173.3
54°	165.9	164.0	164.6	166.1	167.3	171.2
54.5°	163.6	161.3	162.1	163.6	165.4	168.2
55°	161.1	158.6	159.5	161.2	162.7	165.9
55.5°	158.4	156.6	157.2	158.8	160.1	163.6
56°	156.1	154.1	154.7	156.3	157.7	161.0
56.5°	153.7	151.9	152.7	153.9	155.3	158.3
57°	151.2	149.3	149.8	151.3	153.3	155.8
57.5°	148.8	146.7	147.3	148.8	150.9	153.5
58°	146.3	144.2	144.7	146.3	148.3	150.9
58.5°	143.7	141.8	142.2	143.8	145.7	148.6
59°	141.2	139.2	139.4	141.2	143.0	146.0
59.5°	138.7	136.5	136.9	138.6	140.5	143.4
60°	136.1	133.8	134.2	136.1	137.8	141.0
60.5°	133.4	131.1	131.8	133.5	135.2	138.1
61°	130.8	128.5	129.1	130.6	132.8	135.7
61.5°	128.1	126.0	126.4	128.0	129.9	133.1
62°	125.6	123.3	124.0	125.4	127.2	130.5
62.5°	123.0	120.6	121.3	122.7	124.5	127.7
63°	120.2	118.1	118.6	120.2	122.0	125.1
63.5°	117.6	115.5	115.8	117.5	119.3	122.4
64°	114.9	112.7	113.0	114.8	116.6	119.7
64.5°	112.0	109.8	110.5	112.0	114.1	117.1
65°	109.4	107.2	107.8	109.4	111.4	114.4
65.5°	106.4	104.4	104.9	106.8	108.7	111.7
66°	103.8	101.9	102.3	103.9	105.9	109.0
66.5°	100.9	99.1	99.6	100.9	103.4	106.4
67°	98.2	96.3	96.9	98.5	100.5	103.9



TEST NUMBER: P522073
 CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	95.4	93.6	94.0	95.5	97.6	100.8
68°	92.7	90.9	91.0	92.8	94.9	97.8
68.5°	89.9	87.9	88.5	90.0	92.0	95.0
69°	87.1	85.3	85.7	87.4	89.2	92.3
69.5°	84.4	82.7	82.9	84.7	86.6	89.5
70°	81.7	79.9	80.3	81.7	83.8	86.8
70.5°	79.0	77.0	77.3	79.0	80.9	84.2
71°	76.1	74.3	74.7	76.3	78.2	81.4
71.5°	73.5	71.5	71.7	73.3	75.3	78.6
72°	70.6	68.6	68.9	70.6	72.8	75.7
72.5°	67.9	66.0	66.2	67.7	69.9	72.9
73°	65.1	63.0	63.4	64.9	67.1	70.1
73.5°	62.2	60.3	60.6	62.1	64.6	67.3
74°	59.5	57.8	58.0	59.4	61.7	64.7
74.5°	56.8	54.9	54.9	56.6	58.7	61.8
75°	54.2	52.2	52.4	54.1	56.0	58.9
75.5°	51.4	49.6	49.8	51.2	53.3	56.1
76°	48.8	46.8	47.0	48.4	50.5	53.6
76.5°	46.1	44.2	44.3	45.8	47.8	50.8
77°	43.6	41.5	41.6	43.2	45.1	47.8
77.5°	40.9	38.7	39.1	40.5	42.5	45.5
78°	38.3	36.2	36.4	37.9	39.9	42.7
78.5°	35.7	33.6	33.8	35.3	37.3	40.2
79°	33.3	31.1	31.4	32.8	34.7	37.5
79.5°	30.7	28.6	28.9	30.2	32.2	34.8
80°	28.2	26.2	26.3	27.7	29.6	32.2
80.5°	25.9	23.6	23.9	25.4	27.1	29.9
81°	23.5	21.5	21.8	23.0	24.9	27.2
81.5°	21.3	19.4	19.5	20.8	22.5	24.9
82°	19.2	17.1	17.3	18.6	20.4	22.6
82.5°	17.0	15.0	15.3	16.4	18.2	20.4
83°	15.0	13.1	13.2	14.4	15.9	18.2
83.5°	12.8	11.2	11.4	12.4	13.9	16.0
84°	10.9	9.3	9.5	10.5	12.0	14.0
84.5°	9.1	7.7	7.8	8.8	10.1	12.1
85°	7.4	6.1	6.1	7.0	8.6	10.2
85.5°	5.8	4.8	4.8	5.4	6.7	8.6
86°	4.4	3.4	3.6	4.2	5.3	6.8
86.5°	3.0	2.2	2.4	3.0	3.9	5.3
87°	1.8	1.4	1.5	1.8	2.7	4.0
87.5°	0.8	0.6	0.6	1.0	1.8	2.7
88°	0.0	0.3	0.2	0.4	0.9	1.8
88.5°	0.0	0.0	0.0	0.0	0.4	0.9
89°	0.0	0.0	0.0	0.0	0.0	0.3
89.5°	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.1	0.0
115.5°	0.0	0.0	0.0	0.0	0.1	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.1	0.0	0.0	0.1	0.1
117.5°	0.0	0.1	0.0	0.0	0.0	0.1
118°	0.0	0.1	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.1	0.0	0.1	0.0
119°	0.0	0.1	0.1	0.0	0.1	0.1
119.5°	0.0	0.1	0.1	0.1	0.1	0.1
120°	0.0	0.1	0.1	0.1	0.1	0.1
120.5°	0.0	0.1	0.1	0.1	0.1	0.1
121°	0.0	0.1	0.1	0.1	0.1	0.1
121.5°	0.0	0.1	0.1	0.0	0.1	0.1
122°	0.0	0.1	0.1	0.1	0.1	0.1
122.5°	0.0	0.1	0.0	0.1	0.1	0.1
123°	0.0	0.1	0.0	0.1	0.1	0.2
123.5°	0.0	0.1	0.1	0.1	0.1	0.1
124°	0.0	0.1	0.0	0.1	0.2	0.2
124.5°	0.0	0.1	0.1	0.1	0.2	0.1
125°	0.0	0.1	0.1	0.1	0.1	0.1
125.5°	0.0	0.2	0.2	0.1	0.1	0.1
126°	0.0	0.2	0.0	0.1	0.1	0.1
126.5°	0.0	0.2	0.1	0.1	0.1	0.1
127°	0.0	0.1	0.1	0.1	0.1	0.1
127.5°	0.0	0.2	0.1	0.2	0.1	0.3
128°	0.0	0.1	0.1	0.2	0.1	0.2
128.5°	0.0	0.1	0.1	0.1	0.1	0.2
129°	0.0	0.1	0.2	0.1	0.1	0.2
129.5°	0.0	0.1	0.2	0.1	0.1	0.1
130°	0.0	0.1	0.1	0.1	0.1	0.1
130.5°	0.0	0.1	0.1	0.1	0.1	0.1
131°	0.0	0.1	0.1	0.1	0.1	0.1
131.5°	0.0	0.1	0.1	0.3	0.2	0.3
132°	0.0	0.1	0.1	0.1	0.2	0.2
132.5°	0.0	0.1	0.1	0.1	0.2	0.2
133°	0.0	0.1	0.1	0.1	0.2	0.2
133.5°	0.0	0.1	0.1	0.1	0.2	0.1
134°	0.0	0.1	0.3	0.1	0.2	0.1
134.5°	0.0	0.1	0.3	0.1	0.2	0.1



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.0	0.1	0.2	0.3	0.2	0.1
135.5°	0.0	0.1	0.2	0.3	0.2	0.1
136°	0.0	0.1	0.2	0.2	0.2	0.1
136.5°	0.0	0.1	0.2	0.2	0.2	0.1
137°	0.0	0.1	0.2	0.2	0.2	0.1
137.5°	0.0	0.1	0.2	0.2	0.2	0.1
138°	0.0	0.1	0.2	0.2	0.2	0.1
138.5°	0.0	0.1	0.2	0.2	0.2	0.1
139°	0.0	0.1	0.2	0.2	0.2	0.1
139.5°	0.0	0.1	0.2	0.2	0.2	0.1
140°	0.0	0.1	0.2	0.2	0.2	0.1
140.5°	0.0	0.1	0.2	0.2	0.2	0.1
141°	0.0	0.1	0.2	0.2	0.2	0.1
141.5°	0.0	0.1	0.2	0.2	0.2	0.1
142°	0.0	0.1	0.2	0.2	0.2	0.0
142.5°	0.0	0.1	0.2	0.2	0.2	0.0
143°	0.0	0.1	0.2	0.2	0.2	0.1
143.5°	0.0	0.1	0.2	0.2	0.2	0.1
144°	0.0	0.1	0.2	0.2	0.2	0.1
144.5°	0.0	0.1	0.2	0.2	0.2	0.1
145°	0.0	0.1	0.2	0.2	0.2	0.1
145.5°	0.0	0.1	0.2	0.2	0.2	0.1
146°	0.0	0.1	0.2	0.2	0.2	0.1
146.5°	0.0	0.1	0.2	0.2	0.2	0.1
147°	0.1	0.1	0.2	0.2	0.2	0.1
147.5°	0.0	0.1	0.2	0.2	0.2	0.1
148°	0.0	0.1	0.2	0.2	0.2	0.1
148.5°	0.1	0.1	0.2	0.2	0.2	0.1
149°	0.1	0.1	0.2	0.2	0.2	0.1
149.5°	0.1	0.1	0.2	0.2	0.2	0.1
150°	0.1	0.1	0.2	0.2	0.2	0.1
150.5°	0.1	0.1	0.2	0.2	0.2	0.1
151°	0.1	0.1	0.2	0.2	0.2	0.1
151.5°	0.2	0.1	0.2	0.2	0.2	0.1
152°	0.2	0.1	0.2	0.2	0.2	0.1
152.5°	0.2	0.1	0.2	0.2	0.2	0.1
153°	0.2	0.1	0.2	0.2	0.2	0.1
153.5°	0.3	0.1	0.2	0.2	0.2	0.1
154°	0.3	0.1	0.2	0.2	0.2	0.1
154.5°	0.1	0.1	0.2	0.2	0.2	0.1
155°	0.2	0.1	0.2	0.2	0.2	0.1
155.5°	0.2	0.1	0.2	0.2	0.2	0.1
156°	0.1	0.1	0.2	0.2	0.2	0.1
156.5°	0.1	0.1	0.2	0.2	0.2	0.1
157°	0.1	0.1	0.2	0.2	0.2	0.1



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.1	0.1	0.2	0.2	0.2	0.1
158°	0.1	0.1	0.2	0.2	0.2	0.1
158.5°	0.1	0.1	0.2	0.2	0.2	0.1
159°	0.1	0.1	0.2	0.2	0.2	0.1
159.5°	0.1	0.1	0.2	0.2	0.2	0.1
160°	0.1	0.1	0.2	0.2	0.2	0.1
160.5°	0.1	0.1	0.2	0.2	0.2	0.1
161°	0.1	0.1	0.2	0.2	0.2	0.1
161.5°	0.1	0.1	0.2	0.2	0.2	0.1
162°	0.1	0.1	0.2	0.2	0.2	0.1
162.5°	0.1	0.1	0.2	0.2	0.2	0.1
163°	0.1	0.1	0.2	0.2	0.2	0.1
163.5°	0.1	0.1	0.2	0.2	0.2	0.1
164°	0.1	0.1	0.2	0.2	0.2	0.1
164.5°	0.1	0.1	0.2	0.2	0.2	0.1
165°	0.1	0.1	0.2	0.2	0.2	0.1
165.5°	0.1	0.1	0.2	0.2	0.2	0.1
166°	0.1	0.1	0.2	0.2	0.2	0.1
166.5°	0.1	0.1	0.2	0.2	0.2	0.1
167°	0.1	0.1	0.2	0.2	0.2	0.1
167.5°	0.1	0.1	0.2	0.2	0.2	0.1
168°	0.1	0.1	0.2	0.2	0.2	0.1
168.5°	0.1	0.1	0.2	0.2	0.2	0.1
169°	0.1	0.1	0.2	0.2	0.2	0.1
169.5°	0.1	0.1	0.2	0.2	0.2	0.1
170°	0.1	0.1	0.2	0.2	0.2	0.1
170.5°	0.1	0.1	0.2	0.2	0.2	0.1
171°	0.1	0.1	0.2	0.2	0.2	0.1
171.5°	0.1	0.1	0.2	0.2	0.2	0.1
172°	0.1	0.2	0.2	0.2	0.2	0.1
172.5°	0.1	0.2	0.2	0.2	0.2	0.1
173°	0.1	0.2	0.2	0.2	0.2	0.1
173.5°	0.1	0.2	0.2	0.2	0.2	0.1
174°	0.1	0.2	0.3	0.2	0.2	0.1
174.5°	0.1	0.3	0.3	0.2	0.2	0.1
175°	0.1	0.3	0.3	0.2	0.2	0.1
175.5°	0.1	0.3	0.3	0.2	0.2	0.1
176°	0.1	0.4	0.3	0.2	0.2	0.1
176.5°	0.1	0.5	0.5	0.2	0.2	0.1
177°	0.1	0.6	0.6	0.2	0.2	0.1
177.5°	0.1	0.6	0.7	0.2	0.2	0.1
178°	0.1	0.5	0.7	0.2	0.2	0.1
178.5°	0.1	0.5	0.7	0.2	0.2	0.1
179°	0.1	0.5	0.7	0.2	0.2	0.1
179.5°	0.1	0.5	0.7	0.2	0.2	0.1



TEST NUMBER: P522073

CATALOG NUMBER: HLBLV6099FSE010MW-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.1	0.1	0.1	0.1	0.1	0.1

(END OF REPORT)