

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: P522075

Luminaire Tested: **HLBLV6099FSE010MW-3500K-UNIT**

Issue Date: 5/10/2021

Test Information

Test Method: LM-79-08
Report Number: P522075
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-3500K-UNIT
Description: Surface Mount Downlight Fixture, Single Unit
Light Source: (72) 3500K CCT, 94 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

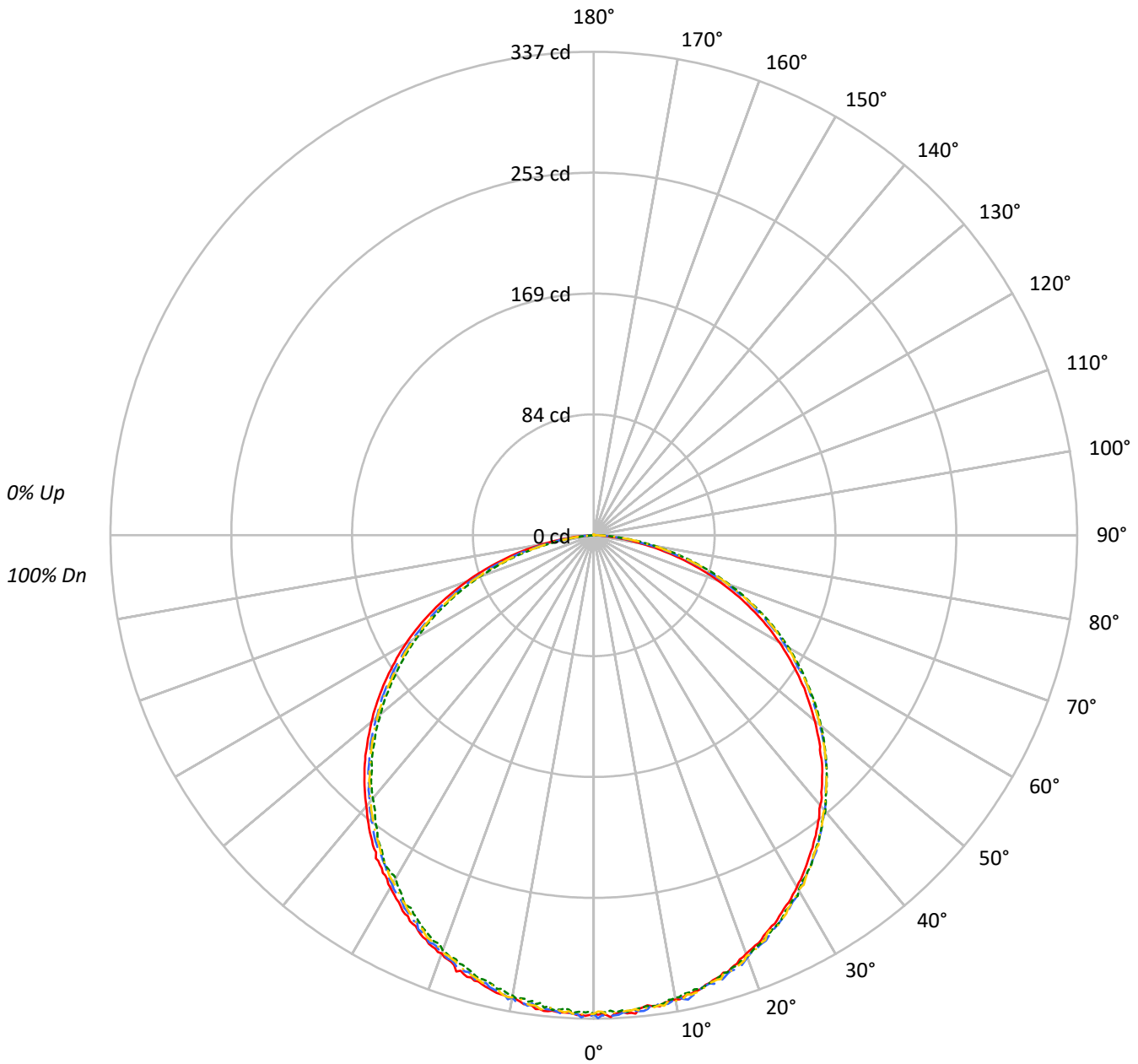
Lumens per Lamp: N/A
Luminaire Lumens: 960.0 lumens
Efficiency: N/A
Efficacy: 77.4 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.38
Luminous Opening: Circular (Dia: 0.5m x H: 0m)
CIE Type: Direct

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: P522075
CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

Luminous Intensity Polar Plot



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



TEST NUMBER: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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°	1700	1700	1700	1700
5°	1712	1697	1701	1698
10°	1700	1693	1694	1685
15°	1693	1697	1695	1677
20°	1683	1693	1682	1669
25°	1679	1689	1679	1649
30°	1665	1680	1667	1623
35°	1654	1672	1659	1625
40°	1633	1669	1641	1592
45°	1622	1654	1626	1575
50°	1593	1639	1604	1538
55°	1563	1620	1576	1494
60°	1524	1601	1542	1446
65°	1462	1562	1488	1370
70°	1371	1504	1401	1263
75°	1230	1419	1279	1090
80°	1000	1276	1082	815
85°	631	1069	754	380



TEST NUMBER: P522075
 CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.6	3.3
10°-20°	90.5	9.4
20°-30°	137.4	14.3
30°-40°	166.1	17.3
40°-50°	173.2	18.0
50°-60°	157.6	16.4
60°-70°	120.6	12.6
70°-80°	67.4	7.0
80°-90°	15.2	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°	259.5	27.0
0°-40°	425.6	44.3
0°-60°	756.4	78.8
0°-90°	959.6	100.0
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	960.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	334	334	334	334	334	
5°	335	332	333	332	335	32
15°	321	322	321	318	321	91
25°	299	301	299	293	299	137
35°	266	269	267	261	266	166
45°	225	230	226	219	225	173
55°	176	182	178	168	176	157
65°	121	130	124	114	121	120
75°	62	72	65	55	62	66
85°	11	18	13	6	11	14
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



TEST NUMBER: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7	333.7
0.5°	334.2	334.7	336.7	333.7	332.7	332.5	331.9	334.1	334.5	332.8	336.0
1°	333.7	334.2	334.6	332.5	332.7	333.6	332.2	332.9	335.1	335.2	334.8
1.5°	334.5	335.5	335.5	333.5	332.4	333.8	333.9	333.6	334.5	333.9	336.3
2°	336.1	337.7	335.3	335.6	331.6	334.0	333.8	333.6	334.7	333.6	333.8
2.5°	333.8	336.3	334.9	335.0	332.7	333.5	333.0	334.5	333.8	333.6	334.0
3°	333.6	334.1	334.7	334.7	332.5	334.0	332.6	334.1	333.3	333.9	333.1
3.5°	333.0	332.9	333.4	333.4	331.7	332.5	332.7	333.8	333.4	334.9	333.3
4°	334.1	333.8	333.1	333.8	332.9	333.7	332.3	332.8	333.3	334.6	334.1
4.5°	333.9	332.7	334.1	333.5	332.0	333.0	332.2	332.4	333.2	332.8	332.8
5°	334.8	332.4	332.6	333.5	332.0	332.6	331.5	332.1	332.7	332.0	332.2
5.5°	331.6	331.3	333.4	332.5	331.2	332.6	333.0	332.6	333.3	333.2	332.0
6°	330.7	332.2	333.4	332.4	330.8	332.0	333.6	332.9	333.4	332.5	331.9
6.5°	329.8	332.3	332.4	332.7	330.4	332.6	330.7	330.6	332.4	329.1	332.3
7°	330.7	332.2	329.9	332.6	330.6	332.5	332.2	330.7	332.8	330.7	331.1
7.5°	330.8	331.3	329.3	330.7	331.1	329.6	331.5	330.7	330.6	329.6	329.1
8°	331.6	330.7	330.9	331.8	330.3	329.4	330.7	330.3	330.3	328.7	331.2
8.5°	329.7	329.3	330.4	331.4	330.2	328.2	331.6	329.3	330.6	329.8	329.9
9°	329.2	328.1	330.7	330.3	327.9	329.9	329.5	329.5	329.1	328.6	328.9
9.5°	328.5	328.7	329.6	329.5	328.1	330.3	330.4	328.0	328.0	328.5	329.6
10°	328.7	329.6	327.5	329.7	327.4	328.1	329.7	328.5	327.6	327.9	327.2
10.5°	329.1	328.2	327.8	329.9	327.4	329.1	327.4	327.2	327.4	326.4	329.0
11°	327.9	326.4	329.3	327.8	325.7	328.0	328.7	327.9	326.6	326.0	326.3
11.5°	326.6	326.7	330.4	326.9	325.7	327.9	326.5	326.4	326.4	327.0	325.3
12°	326.7	325.8	328.7	328.1	325.6	326.4	327.4	325.2	326.2	323.0	324.7
12.5°	325.9	326.0	327.3	326.4	324.2	326.4	326.8	324.6	325.2	323.7	324.1
13°	325.4	325.9	325.8	325.7	324.6	324.1	326.6	323.5	324.3	323.4	323.3
13.5°	324.4	326.1	324.1	325.1	324.6	323.3	324.7	323.7	323.6	322.1	321.1
14°	322.9	324.9	323.5	323.6	323.3	323.4	324.7	322.3	322.6	321.6	321.6
14.5°	322.5	322.3	322.7	322.7	322.4	323.3	322.5	321.9	321.3	320.8	320.9
15°	321.0	320.6	323.8	321.1	321.8	322.1	322.1	320.8	321.4	319.6	320.6
15.5°	320.5	319.5	322.6	321.3	320.8	321.0	321.4	319.4	319.8	319.0	318.4
16°	319.8	319.5	322.8	320.9	319.7	320.4	321.8	319.4	320.2	318.1	316.7
16.5°	317.9	318.6	321.3	320.2	318.4	319.4	318.7	318.8	319.2	317.0	317.2
17°	318.8	318.6	319.4	319.3	318.6	319.2	318.5	318.6	317.4	316.6	315.5
17.5°	316.9	319.0	318.3	317.6	317.0	317.9	318.5	315.8	318.8	315.8	316.4
18°	315.6	316.9	318.4	317.3	316.3	316.5	317.8	316.4	315.1	314.9	314.0
18.5°	315.0	314.5	317.5	315.9	316.5	316.0	316.7	314.9	313.5	313.5	312.3
19°	312.6	313.3	316.9	314.8	314.1	314.8	315.7	313.3	312.7	312.8	312.3
19.5°	311.9	313.3	315.1	313.8	314.0	313.4	314.4	312.7	312.1	311.8	310.9
20°	310.5	312.2	313.3	312.8	312.4	312.5	311.9	311.9	310.3	310.1	310.3
20.5°	309.4	308.8	311.5	311.8	311.3	311.3	312.3	310.2	310.2	309.5	308.5
21°	308.5	308.8	310.2	310.5	309.8	309.8	311.1	309.1	308.6	307.1	306.7
21.5°	307.2	309.5	310.1	309.5	308.4	309.4	309.5	307.9	308.0	306.2	306.0
22°	306.7	307.4	308.5	309.3	307.9	307.6	308.7	306.6	307.1	305.8	306.3



TEST NUMBER: P522075
 CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	305.4	306.0	307.6	307.5	306.9	306.2	306.9	305.8	305.2	304.4	303.9
23°	303.2	305.9	307.1	307.3	305.6	306.1	306.4	305.6	304.5	302.7	302.8
23.5°	302.1	304.1	305.2	305.4	303.7	303.9	302.8	304.0	303.1	301.9	301.3
24°	300.7	302.5	303.8	304.3	302.8	302.8	301.6	302.3	301.4	300.1	300.8
24.5°	299.3	301.4	302.1	302.9	301.4	302.2	301.5	301.2	299.5	298.6	296.8
25°	298.8	299.7	300.9	301.3	300.6	300.6	301.0	298.8	298.8	297.2	296.7
25.5°	297.2	298.2	299.6	300.6	299.7	299.0	300.5	298.1	297.9	296.2	295.3
26°	295.3	296.8	298.3	299.7	298.2	298.1	298.3	296.5	295.4	295.0	294.0
26.5°	293.8	296.0	296.8	297.7	296.3	297.2	297.2	295.8	295.0	294.3	292.6
27°	292.2	294.1	295.7	295.8	294.0	295.6	296.0	293.7	293.7	291.8	291.4
27.5°	290.7	292.1	294.2	294.6	293.2	294.2	293.2	292.0	291.5	290.1	288.9
28°	289.9	291.4	292.5	293.1	291.7	292.2	292.2	290.7	289.6	288.5	287.2
28.5°	288.3	289.0	290.7	291.4	289.9	290.9	290.6	289.0	288.4	287.5	286.4
29°	286.2	287.3	289.7	289.8	288.9	289.6	288.9	288.3	286.8	285.6	284.7
29.5°	284.9	286.6	288.1	287.7	288.8	287.8	287.3	285.1	285.2	282.8	283.3
30°	283.2	284.9	286.5	286.9	285.7	286.2	286.1	284.3	283.5	281.6	280.9
30.5°	281.4	282.7	284.5	285.2	283.9	284.7	284.6	283.4	282.2	280.4	279.6
31°	280.2	281.3	282.9	282.8	281.7	283.5	284.3	281.4	279.8	278.9	277.7
31.5°	278.4	279.8	281.0	281.0	280.8	281.7	281.8	278.3	278.1	277.0	276.3
32°	276.5	277.5	279.5	279.8	279.7	279.6	279.8	277.8	277.5	275.2	273.4
32.5°	274.7	276.1	278.0	278.2	277.6	278.4	277.2	276.2	275.1	273.8	271.7
33°	273.0	274.2	276.2	276.8	276.7	277.1	276.7	274.8	274.0	271.5	270.1
33.5°	271.1	273.2	274.7	274.9	275.0	275.0	274.9	272.5	272.1	270.0	268.1
34°	269.1	271.2	273.0	273.6	273.0	272.5	272.7	270.8	271.7	268.3	267.0
34.5°	267.5	269.5	271.2	271.1	270.5	270.9	270.7	269.7	268.1	266.7	265.7
35°	266.0	267.4	269.9	269.7	268.9	269.4	268.9	268.0	266.9	264.9	263.7
35.5°	263.7	265.4	268.3	268.0	267.1	267.7	267.5	266.0	265.3	262.4	262.1
36°	261.9	263.4	266.2	266.3	265.6	266.1	266.7	264.1	263.0	260.9	260.1
36.5°	260.2	261.6	263.9	264.3	264.0	263.9	263.6	262.1	261.2	259.5	258.0
37°	258.0	259.7	262.1	262.2	261.7	262.1	261.5	260.4	259.5	257.9	255.7
37.5°	256.3	257.6	260.3	260.0	259.9	260.1	260.6	258.4	257.4	255.6	253.5
38°	253.9	255.7	258.2	258.3	258.2	258.2	258.0	256.5	255.2	253.7	251.6
38.5°	252.2	253.9	256.5	256.4	255.4	256.5	256.1	254.4	253.2	251.7	249.4
39°	250.0	251.9	254.3	254.6	254.1	254.4	253.8	252.5	251.1	248.5	247.8
39.5°	247.4	250.2	252.1	252.2	252.8	252.4	251.4	250.6	248.7	247.5	245.6
40°	245.6	248.1	250.5	250.3	251.0	250.3	250.1	248.5	246.8	245.4	242.8
40.5°	244.3	245.9	248.6	248.1	248.9	248.4	248.0	246.6	244.8	242.7	240.9
41°	242.3	243.7	246.0	246.4	246.7	246.5	245.7	244.3	242.8	240.3	238.7
41.5°	239.3	241.6	244.1	244.4	243.8	244.4	243.9	242.1	240.7	238.5	237.1
42°	237.7	239.4	241.9	242.3	242.1	242.6	241.8	240.1	238.6	236.6	234.2
42.5°	235.5	237.1	239.1	240.4	240.3	240.4	239.9	237.7	236.7	234.3	232.8
43°	233.5	235.4	237.5	238.1	238.2	238.1	237.7	235.8	234.5	232.3	230.7
43.5°	231.3	233.6	235.4	236.0	236.0	236.0	235.6	233.8	232.3	230.2	228.4
44°	229.3	231.3	233.4	234.0	233.9	234.0	233.5	231.6	230.2	227.7	226.0
44.5°	227.3	228.9	231.1	231.9	231.7	232.0	231.5	229.5	228.0	225.5	223.6



TEST NUMBER: P522075
 CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	225.2	226.7	229.0	229.5	229.6	229.7	229.2	227.3	225.7	223.5	221.4
45.5°	222.5	224.5	227.2	227.5	227.4	227.5	227.1	224.9	223.3	221.1	219.3
46°	219.8	222.3	224.6	225.3	225.2	225.3	224.7	222.5	221.4	218.9	216.7
46.5°	217.3	220.2	222.3	223.0	223.0	223.0	222.4	220.4	218.9	216.6	214.8
47°	215.9	217.5	220.2	220.8	220.7	220.9	220.2	218.2	216.3	214.3	212.9
47.5°	213.2	215.3	217.9	218.6	218.5	219.0	217.8	215.6	214.0	211.7	210.2
48°	210.9	213.1	215.9	216.5	216.1	216.5	215.4	213.3	211.8	209.2	207.8
48.5°	208.3	211.1	213.1	214.0	214.1	214.0	213.1	211.1	209.3	206.6	205.3
49°	205.9	208.3	210.9	211.9	211.8	211.5	210.9	208.8	206.9	204.6	202.9
49.5°	203.6	205.7	208.1	209.6	209.3	209.1	208.6	206.5	204.6	202.3	200.4
50°	201.1	203.5	205.9	206.9	206.9	206.7	206.1	204.3	202.4	199.9	198.0
50.5°	198.5	201.0	203.1	204.1	204.5	204.3	203.6	201.6	199.9	197.5	195.3
51°	196.0	198.5	200.9	202.0	202.2	202.3	201.0	199.5	197.6	194.9	193.2
51.5°	193.5	196.0	198.5	199.6	199.8	200.0	198.4	197.2	195.2	192.4	191.1
52°	191.1	193.3	196.1	197.2	197.6	197.5	196.0	194.7	192.7	189.8	188.3
52.5°	188.6	191.3	193.5	194.8	195.2	195.0	193.7	191.8	190.1	187.3	186.1
53°	186.2	188.9	191.2	192.2	192.7	192.4	191.4	189.5	187.4	184.9	183.2
53.5°	183.8	186.1	188.4	189.4	190.0	189.9	188.9	187.0	185.0	182.5	180.8
54°	181.6	183.5	186.0	186.7	187.1	187.6	186.4	185.0	182.5	180.1	178.2
54.5°	178.5	181.1	183.7	184.5	185.0	185.3	184.0	182.3	180.1	177.6	175.4
55°	176.0	178.7	181.3	182.0	182.4	182.8	181.6	179.5	177.5	175.0	173.1
55.5°	173.5	176.1	178.8	179.2	179.9	180.3	179.0	177.0	174.8	172.4	170.6
56°	170.7	173.5	176.3	176.7	177.4	177.6	176.4	174.2	172.3	169.8	168.1
56.5°	168.0	170.8	173.4	174.3	175.2	175.2	173.8	172.1	169.7	167.3	165.2
57°	165.3	168.1	170.2	171.7	172.7	172.6	171.0	169.3	167.0	164.6	162.7
57.5°	162.8	165.3	167.8	168.9	170.0	170.0	168.5	166.9	164.4	162.2	160.0
58°	160.1	162.7	165.3	166.3	167.3	167.2	165.8	164.0	162.0	159.3	157.2
58.5°	157.6	160.3	162.8	163.7	164.8	164.5	163.2	161.3	159.4	156.5	154.5
59°	154.8	157.4	160.0	161.5	162.2	162.0	161.0	158.5	156.8	153.7	151.7
59.5°	152.1	154.7	157.3	158.5	159.8	159.5	158.5	156.0	154.1	151.0	149.0
60°	149.6	152.0	154.7	156.0	157.2	156.8	155.8	153.0	151.4	148.5	146.0
60.5°	146.5	149.6	152.1	153.3	154.4	154.2	153.1	150.7	148.8	145.8	143.6
61°	143.9	146.7	149.4	150.6	151.7	151.4	150.3	147.9	146.0	143.0	140.6
61.5°	141.2	144.0	146.4	147.8	149.0	148.9	147.5	145.6	143.2	140.2	137.9
62°	138.4	141.1	143.8	145.0	146.4	146.2	144.9	142.6	140.4	137.4	134.8
62.5°	135.5	138.3	141.1	142.5	143.7	143.5	142.3	139.9	137.6	134.7	132.0
63°	132.7	135.5	138.2	139.8	140.9	140.8	139.5	136.8	134.8	131.9	129.2
63.5°	129.9	132.7	135.4	136.7	138.0	138.0	136.8	134.2	132.0	129.0	126.5
64°	127.0	129.7	132.6	133.7	135.4	135.1	134.0	131.1	129.1	126.1	123.9
64.5°	124.2	127.1	129.6	131.2	132.5	132.4	131.2	128.5	126.3	123.4	120.9
65°	121.3	124.3	126.7	128.5	129.6	129.4	128.4	125.8	123.5	120.7	117.8
65.5°	118.5	121.6	124.1	125.9	126.8	126.7	125.5	122.9	120.6	117.8	114.9
66°	115.6	118.7	121.3	122.8	124.0	123.6	122.7	119.9	117.7	114.7	112.1
66.5°	112.9	115.5	118.4	119.9	121.1	121.0	119.8	117.1	114.7	111.8	109.3
67°	110.2	113.0	115.5	116.9	118.2	118.1	116.9	114.1	111.8	109.0	106.3



TEST NUMBER: P522075
 CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	106.9	110.1	112.9	113.9	115.3	115.2	114.1	111.3	108.9	106.2	103.4
68°	103.8	107.0	110.2	111.4	112.7	112.4	111.0	108.3	105.9	103.2	100.5
68.5°	100.8	104.0	106.9	108.3	109.7	109.6	108.2	105.4	103.0	100.1	97.5
69°	97.9	101.0	103.9	105.1	106.7	106.7	105.2	102.5	100.1	97.2	94.6
69.5°	94.9	98.0	100.9	102.2	103.9	103.8	102.3	99.6	97.1	94.2	91.9
70°	92.1	95.0	98.0	99.4	101.0	100.8	99.4	96.8	94.1	91.5	88.8
70.5°	89.3	92.1	95.0	96.5	97.9	98.0	96.5	93.9	91.4	88.5	85.9
71°	86.3	89.1	92.1	93.5	94.9	94.9	93.6	91.1	88.4	85.5	82.9
71.5°	83.4	86.5	89.1	90.8	92.0	92.0	90.7	88.1	85.5	82.5	80.2
72°	80.3	83.4	86.1	87.9	89.3	89.2	87.8	85.2	82.4	79.6	77.3
72.5°	77.4	80.6	83.0	84.9	86.5	86.3	84.8	82.3	79.5	76.8	74.4
73°	74.4	77.5	80.1	81.9	83.7	83.4	81.7	79.3	76.4	74.0	71.3
73.5°	71.4	74.5	77.3	79.0	80.6	80.4	78.8	76.5	73.8	70.7	68.4
74°	68.6	71.4	74.5	75.9	77.8	77.6	75.9	73.5	70.8	68.0	65.4
74.5°	65.5	68.5	71.3	73.0	74.9	74.7	73.0	70.6	67.9	65.0	62.3
75°	62.5	65.6	68.4	70.2	72.1	71.8	70.2	67.8	65.0	62.0	59.4
75.5°	59.5	62.6	65.4	67.4	69.1	68.8	67.4	64.9	62.1	59.2	56.7
76°	56.8	59.6	62.4	64.3	66.2	65.8	64.5	61.9	59.2	56.4	53.9
76.5°	53.9	56.9	59.4	61.6	63.2	63.0	61.5	59.0	56.4	53.4	51.0
77°	50.8	54.0	56.7	58.6	60.4	60.0	58.6	56.3	53.6	50.8	48.1
77.5°	48.3	51.1	53.9	55.6	57.6	57.3	55.9	53.4	50.9	47.9	45.4
78°	45.3	48.3	51.0	52.8	54.7	54.4	53.0	50.6	48.0	45.1	42.6
78.5°	42.6	45.4	48.1	49.9	51.9	51.5	50.1	47.8	45.1	42.4	39.9
79°	39.8	42.7	45.2	47.0	49.0	48.7	47.4	45.0	42.3	39.5	37.1
79.5°	36.9	39.8	42.5	44.2	46.1	45.8	44.6	42.3	39.6	36.8	34.5
80°	34.1	37.1	39.9	41.4	43.5	43.2	41.9	39.5	36.9	34.3	31.8
80.5°	31.7	34.4	36.9	38.6	40.7	40.4	39.1	36.8	34.3	31.6	29.3
81°	28.9	31.7	34.1	35.9	38.1	37.9	36.4	34.3	31.7	29.0	26.7
81.5°	26.4	29.2	31.6	33.2	35.4	35.2	33.7	31.6	29.1	26.3	24.1
82°	23.9	26.6	29.0	30.5	32.8	32.4	31.2	29.1	26.5	23.9	21.9
82.5°	21.7	24.0	26.5	28.0	30.1	29.9	28.7	26.5	24.0	21.8	19.6
83°	19.3	21.9	23.9	25.5	27.5	27.4	26.1	24.1	21.9	19.4	17.4
83.5°	17.0	19.5	21.7	23.1	25.2	24.9	23.6	21.8	19.4	17.1	15.1
84°	14.9	17.1	19.3	20.8	22.7	22.5	21.5	19.6	17.2	15.0	13.0
84.5°	12.8	15.0	17.0	18.5	20.5	20.4	19.1	17.2	15.0	12.9	10.9
85°	10.8	13.0	14.9	16.2	18.3	18.2	16.8	15.1	12.9	10.8	9.1
85.5°	9.1	10.9	12.8	14.0	16.1	15.9	14.8	12.9	10.8	8.9	7.2
86°	7.2	9.1	10.7	12.1	13.9	13.7	12.6	10.9	9.0	7.1	5.6
86.5°	5.7	7.3	9.2	10.1	11.9	11.6	10.6	9.0	7.2	5.6	4.1
87°	4.2	5.7	7.2	8.4	9.9	9.7	8.7	7.2	5.6	4.0	2.8
87.5°	2.9	4.3	5.7	6.8	8.3	8.0	7.0	5.6	4.1	2.7	1.7
88°	1.9	3.1	4.2	5.2	6.4	6.3	5.4	4.1	2.8	1.7	0.7
88.5°	0.9	2.0	2.9	3.7	5.0	4.6	4.0	2.8	1.5	0.6	0.0
89°	0.3	1.0	1.9	2.7	3.4	3.2	2.5	1.8	0.6	0.0	0.0
89.5°	0.0	0.4	0.9	1.7	2.1	2.0	1.3	0.7	0.0	0.0	0.0



TEST NUMBER: P522075
 CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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: P522075
 CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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: P522075
 CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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: P522075
CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	333.7	333.7	333.7	333.7	333.7	333.7
0.5°	333.3	332.0	332.0	333.8	332.4	334.2
1°	333.2	332.8	332.2	333.5	333.2	333.7
1.5°	332.2	332.0	333.2	334.0	334.0	334.5
2°	333.1	332.6	332.1	333.2	334.6	336.1
2.5°	332.0	333.3	331.3	334.0	333.9	333.8
3°	332.7	331.1	331.8	332.2	333.5	333.6
3.5°	332.6	330.5	332.3	333.2	332.4	333.0
4°	332.0	331.4	330.5	332.4	331.2	334.1
4.5°	331.6	331.6	331.6	331.7	331.7	333.9
5°	332.1	332.1	332.6	330.5	331.8	334.8
5.5°	331.6	329.7	330.9	331.4	329.8	331.6
6°	329.1	331.2	331.2	332.8	329.9	330.7
6.5°	330.5	328.1	329.9	332.3	329.9	329.8
7°	330.9	329.4	329.1	330.4	331.4	330.7
7.5°	329.7	327.4	329.6	330.2	332.1	330.8
8°	329.8	328.3	329.1	330.3	329.7	331.6
8.5°	328.9	326.8	328.0	327.1	328.8	329.7
9°	327.8	326.8	328.2	327.8	325.9	329.2
9.5°	325.4	327.4	325.3	327.8	327.8	328.5
10°	327.1	325.8	324.8	327.2	326.7	328.7
10.5°	325.2	325.3	326.7	327.4	326.6	329.1
11°	325.3	324.2	324.9	326.8	326.6	327.9
11.5°	324.2	322.7	324.6	325.6	324.8	326.6
12°	323.1	323.5	324.3	323.1	323.1	326.7
12.5°	322.7	321.5	323.1	321.6	321.7	325.9
13°	322.5	320.4	322.1	321.6	321.6	325.4
13.5°	320.3	319.6	320.2	322.1	321.5	324.4
14°	320.5	319.1	319.5	321.3	320.8	322.9
14.5°	318.8	319.2	319.2	320.2	320.7	322.5
15°	318.5	318.1	317.6	319.2	320.2	321.0
15.5°	317.4	316.4	317.1	318.4	319.4	320.5
16°	317.3	315.2	315.7	317.4	316.7	319.8
16.5°	316.4	314.3	314.3	316.2	316.3	317.9
17°	314.4	313.0	313.9	315.4	315.8	318.8
17.5°	314.2	312.9	313.4	314.3	313.9	316.9
18°	312.8	310.9	312.4	312.2	313.2	315.6
18.5°	311.3	310.4	310.9	311.6	312.2	315.0
19°	312.0	310.1	310.1	310.3	311.3	312.6
19.5°	309.8	308.8	308.5	310.0	309.7	311.9
20°	308.5	308.0	308.0	308.8	309.6	310.5
20.5°	306.8	305.4	307.6	306.8	308.0	309.4
21°	305.3	304.4	305.4	306.5	307.2	308.5
21.5°	303.7	304.3	304.7	305.3	305.8	307.2
22°	303.8	302.7	302.3	304.3	303.9	306.7



TEST NUMBER: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	302.5	301.3	300.8	303.5	302.5	305.4
23°	301.0	299.7	300.3	301.5	302.0	303.2
23.5°	299.5	298.7	299.4	299.3	300.6	302.1
24°	296.6	296.9	298.2	299.0	299.8	300.7
24.5°	294.9	295.3	296.7	297.3	297.3	299.3
25°	294.2	293.4	294.5	295.8	295.9	298.8
25.5°	294.8	292.4	292.9	294.0	294.6	297.2
26°	292.7	289.4	291.6	292.8	293.3	295.3
26.5°	291.2	289.4	289.8	291.2	292.6	293.8
27°	289.2	289.0	288.3	289.2	291.4	292.2
27.5°	287.6	287.4	286.7	287.8	289.4	290.7
28°	285.8	284.5	285.6	286.2	287.4	289.9
28.5°	284.4	282.4	283.9	284.6	286.1	288.3
29°	282.7	281.0	281.5	282.5	284.1	286.2
29.5°	281.0	278.6	280.1	280.9	281.9	284.9
30°	279.3	276.0	279.0	279.5	280.5	283.2
30.5°	277.7	275.0	276.7	278.1	278.6	281.4
31°	275.8	274.8	275.2	276.8	277.4	280.2
31.5°	273.6	273.4	273.2	274.7	275.1	278.4
32°	271.9	272.7	270.7	273.0	273.7	276.5
32.5°	270.1	271.6	269.1	271.2	271.9	274.7
33°	268.5	269.1	267.4	269.3	270.2	273.0
33.5°	267.0	266.7	265.7	267.9	268.4	271.1
34°	265.3	264.5	264.0	265.9	266.4	269.1
34.5°	263.7	262.9	262.2	263.7	264.6	267.5
35°	261.6	261.3	260.3	261.8	262.8	266.0
35.5°	259.9	259.6	258.4	260.0	260.6	263.7
36°	257.8	256.7	256.6	258.1	258.6	261.9
36.5°	255.9	254.3	254.8	256.5	256.6	260.2
37°	253.9	252.4	253.0	254.3	254.8	258.0
37.5°	252.0	250.3	251.2	252.4	252.8	256.3
38°	250.1	247.6	249.2	250.5	250.8	253.9
38.5°	247.9	244.9	247.2	248.4	249.0	252.2
39°	245.5	243.2	245.0	246.6	246.9	250.0
39.5°	243.7	241.3	243.1	244.2	245.2	247.4
40°	241.3	239.5	240.7	242.4	243.2	245.6
40.5°	239.1	237.8	238.3	240.1	241.1	244.3
41°	237.2	235.9	236.2	237.9	239.2	242.3
41.5°	235.3	233.5	233.9	236.0	237.0	239.3
42°	232.9	232.1	231.8	233.6	234.9	237.7
42.5°	231.0	229.8	229.5	231.8	232.8	235.5
43°	228.8	227.1	227.2	229.0	230.5	233.5
43.5°	226.8	224.7	225.0	227.3	228.4	231.3
44°	224.6	222.7	223.2	224.6	226.3	229.3
44.5°	222.3	221.2	220.5	222.3	224.0	227.3



TEST NUMBER: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	220.0	218.7	218.2	220.6	221.9	225.2
45.5°	217.5	216.1	215.9	218.4	219.3	222.5
46°	215.3	213.8	213.9	215.7	217.3	219.8
46.5°	213.0	211.0	211.8	213.3	214.9	217.3
47°	210.4	208.8	209.3	211.1	212.5	215.9
47.5°	208.2	206.5	207.2	208.7	210.0	213.2
48°	205.7	204.5	204.6	206.3	207.8	210.9
48.5°	203.3	202.0	201.9	204.2	205.2	208.3
49°	200.9	199.3	199.5	201.8	202.8	205.9
49.5°	198.7	196.5	197.5	199.3	200.9	203.6
50°	196.1	194.1	194.8	197.0	198.3	201.1
50.5°	193.6	191.5	192.4	194.4	195.8	198.5
51°	191.0	189.5	190.2	191.9	193.3	196.0
51.5°	188.4	187.0	187.4	189.2	190.9	193.5
52°	185.9	184.4	184.8	186.6	188.4	191.1
52.5°	183.5	181.5	182.2	184.2	185.8	188.6
53°	181.1	178.7	179.9	181.7	183.2	186.2
53.5°	178.5	176.3	177.4	178.9	180.4	183.8
54°	176.0	173.9	174.6	176.2	177.4	181.6
54.5°	173.5	171.1	172.0	173.5	175.5	178.5
55°	170.8	168.3	169.2	171.0	172.6	176.0
55.5°	168.1	166.1	166.7	168.5	169.8	173.5
56°	165.6	163.5	164.1	165.8	167.3	170.7
56.5°	163.0	161.1	162.0	163.2	164.8	168.0
57°	160.4	158.4	158.9	160.5	162.6	165.3
57.5°	157.8	155.6	156.3	157.8	160.1	162.8
58°	155.2	153.0	153.5	155.2	157.3	160.1
58.5°	152.5	150.4	150.8	152.6	154.5	157.6
59°	149.8	147.6	147.8	149.8	151.7	154.8
59.5°	147.1	144.8	145.3	147.0	149.1	152.1
60°	144.3	142.0	142.4	144.3	146.2	149.6
60.5°	141.5	139.1	139.8	141.6	143.4	146.5
61°	138.8	136.3	136.9	138.5	140.8	143.9
61.5°	135.9	133.7	134.1	135.8	137.8	141.2
62°	133.2	130.8	131.5	133.0	134.9	138.4
62.5°	130.5	127.9	128.6	130.2	132.0	135.5
63°	127.5	125.2	125.8	127.5	129.4	132.7
63.5°	124.7	122.6	122.9	124.6	126.6	129.9
64°	121.8	119.6	119.9	121.7	123.7	127.0
64.5°	118.8	116.5	117.2	118.8	121.0	124.2
65°	116.1	113.7	114.3	116.1	118.1	121.3
65.5°	112.9	110.8	111.3	113.3	115.3	118.5
66°	110.1	108.1	108.5	110.2	112.3	115.6
66.5°	107.1	105.1	105.6	107.1	109.7	112.9
67°	104.2	102.1	102.8	104.5	106.6	110.2



TEST NUMBER: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	101.2	99.2	99.8	101.3	103.6	106.9
68°	98.3	96.5	96.6	98.4	100.7	103.8
68.5°	95.3	93.3	93.9	95.4	97.6	100.8
69°	92.4	90.5	90.9	92.7	94.6	97.9
69.5°	89.5	87.7	87.9	89.9	91.8	94.9
70°	86.7	84.8	85.2	86.7	88.9	92.1
70.5°	83.8	81.7	82.0	83.8	85.8	89.3
71°	80.8	78.8	79.2	81.0	82.9	86.3
71.5°	78.0	75.8	76.0	77.8	79.8	83.4
72°	74.9	72.7	73.0	74.9	77.3	80.3
72.5°	72.0	70.0	70.3	71.8	74.2	77.4
73°	69.0	66.8	67.3	68.8	71.2	74.4
73.5°	66.0	64.0	64.3	65.9	68.5	71.4
74°	63.1	61.3	61.5	63.0	65.4	68.6
74.5°	60.2	58.3	58.3	60.0	62.3	65.5
75°	57.5	55.4	55.6	57.4	59.4	62.5
75.5°	54.6	52.6	52.8	54.3	56.5	59.5
76°	51.8	49.6	49.8	51.4	53.5	56.8
76.5°	48.9	46.8	46.9	48.6	50.7	53.9
77°	46.2	44.1	44.2	45.8	47.9	50.8
77.5°	43.4	41.1	41.5	42.9	45.1	48.3
78°	40.6	38.4	38.6	40.2	42.3	45.3
78.5°	37.9	35.7	35.9	37.4	39.6	42.6
79°	35.3	33.0	33.3	34.8	36.8	39.8
79.5°	32.6	30.3	30.6	32.1	34.1	36.9
80°	29.9	27.8	27.9	29.4	31.4	34.1
80.5°	27.4	25.1	25.4	26.9	28.8	31.7
81°	25.0	22.8	23.1	24.3	26.4	28.9
81.5°	22.6	20.5	20.7	22.1	23.8	26.4
82°	20.3	18.2	18.4	19.7	21.7	23.9
82.5°	18.1	15.9	16.2	17.4	19.3	21.7
83°	15.9	13.9	14.0	15.3	16.9	19.3
83.5°	13.6	11.9	12.1	13.1	14.8	17.0
84°	11.6	9.9	10.1	11.1	12.7	14.9
84.5°	9.7	8.1	8.3	9.3	10.7	12.8
85°	7.8	6.5	6.5	7.4	9.1	10.8
85.5°	6.2	5.1	5.1	5.8	7.1	9.1
86°	4.6	3.6	3.8	4.4	5.6	7.2
86.5°	3.2	2.4	2.6	3.2	4.1	5.7
87°	1.9	1.4	1.5	2.0	2.9	4.2
87.5°	0.8	0.6	0.6	1.0	1.9	2.9
88°	0.0	0.3	0.2	0.4	0.9	1.9
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: P522075
 CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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: P522075

CATALOG NUMBER: HLBLV6099FSE010MW-3500K-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)