

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: P473756

Luminaire Tested: **HLB6099BLE40AWH-2700K**

Issue Date: 2/2/2021



Test Information

Test Method: LM-79-08
Report Number: P473756
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2008840B001)
Test Lab: INNOVATION CENTER
Issue Date: 2/2/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: HLB6099BLE40AWH-2700K
Description: 6in HALO HOME BLADE
Light Source: -
Ballast/Driver: -

Summary

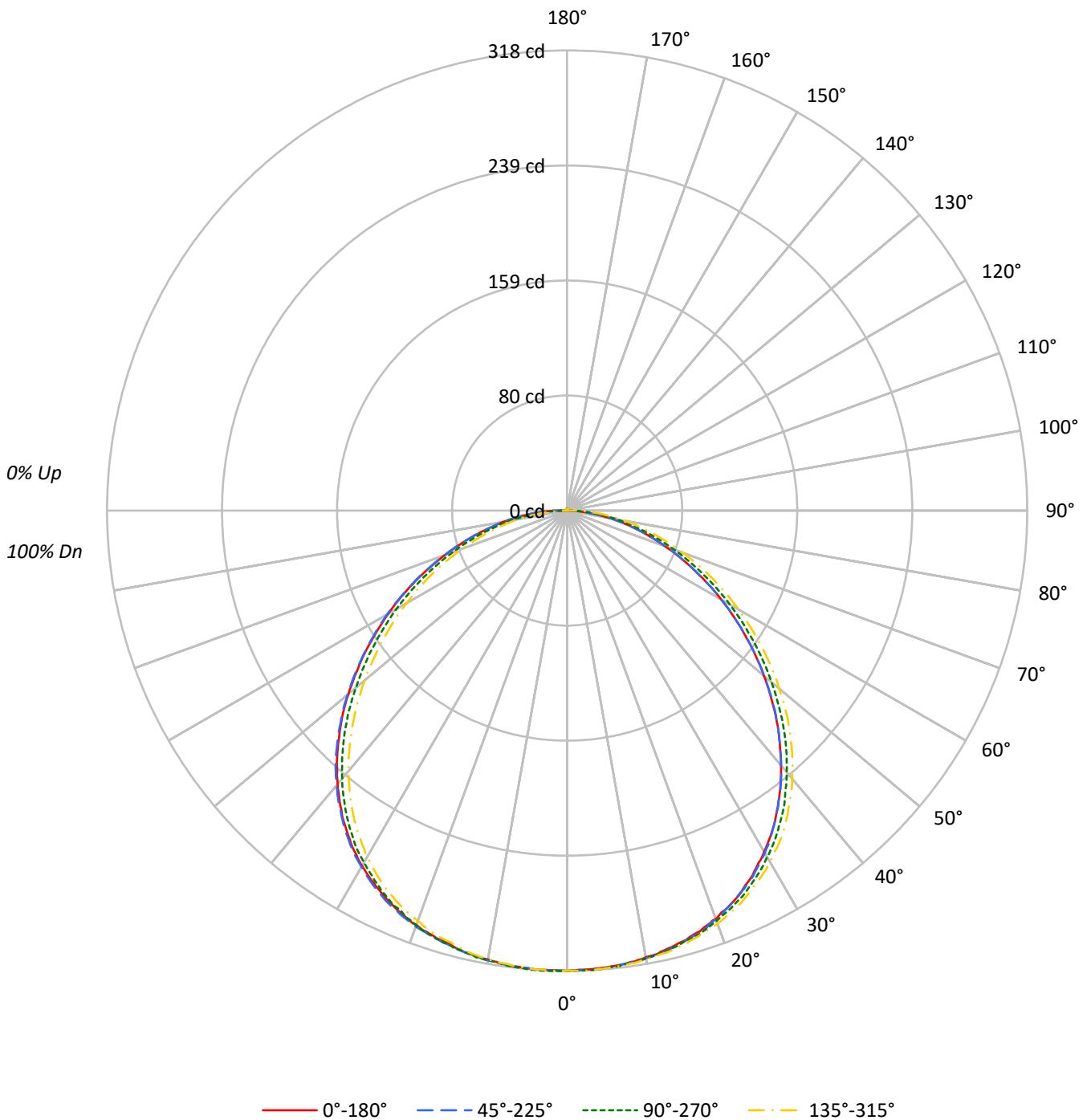
Lumens per Lamp: N/A
Luminaire Lumens: 915.0 lumens
Efficiency: N/A
Efficacy: 67.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.29 / 1.38
Luminous Opening: Circular (Dia: 0.5m x H: 0m)
CIE Type: Direct

Input Watts (W): 13.6
Input Voltage (V): NR
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: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10	0		
RW	70	50	30	10	70	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	100
1	109	104	99	96	106	101	98	94	97	94	91		93	91	88		89	87	85	83
2	99	91	84	78	96	89	82	77	85	80	75		82	77	73		79	75	72	69
3	90	80	71	65	88	78	70	64	75	68	63		72	67	62		69	65	61	59
4	83	71	62	55	80	69	61	55	67	59	54		64	58	53		62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	47		58	51	46		56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41		52	46	40		51	45	40	38
7	65	51	43	37	63	51	42	36	49	42	36		48	41	36		46	40	36	34
8	61	47	38	33	59	46	38	33	45	38	32		44	37	32		42	36	32	30
9	57	43	35	29	55	43	35	29	41	34	29		40	34	29		39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	26		37	31	26		36	30	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	1620	1620	1620	1620
5°	1620	1620	1623	1626
10°	1621	1625	1629	1632
15°	1625	1629	1638	1642
20°	1628	1635	1651	1653
25°	1620	1637	1662	1657
30°	1601	1625	1667	1652
35°	1572	1606	1661	1638
40°	1528	1570	1641	1608
45°	1474	1522	1608	1567
50°	1406	1462	1564	1511
55°	1333	1394	1511	1451
60°	1254	1321	1457	1389
65°	1165	1246	1399	1323
70°	1074	1170	1337	1254
75°	982	1094	1295	1192
80°	871	1018	1296	1153
85°	684	952	1449	1175



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.2	3.3
10°-20°	87.6	9.6
20°-30°	134.8	14.7
30°-40°	162.7	17.8
40°-50°	165.1	18.0
50°-60°	143.2	15.7
60°-70°	105.5	11.5
70°-80°	61.5	6.7
80°-90°	20.3	2.2
90°-100°	0.7	0.1
100°-110°	0.5	0.1
110°-120°	0.5	0.1
120°-130°	0.5	0.1
130°-140°	0.5	0.1
140°-150°	0.5	0.1
150°-160°	0.4	0.0
160°-170°	0.3	0.0
170°-180°	0.1	0.0
0°-30°	252.6	27.6
0°-40°	415.4	45.4
0°-60°	723.7	79.1
0°-90°	911.0	99.6
90°-120°	1.6	0.2
90°-150°	3.2	0.3
90°-180°	4.0	0.4
0°-180°	915.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	318	318	318	318	318	
5°	317	317	317	318	317	30
15°	308	309	311	311	308	87
25°	288	291	296	295	288	133
35°	253	258	267	263	253	158
45°	205	211	223	218	205	158
55°	150	157	170	163	150	134
65°	97	103	116	110	97	96
75°	50	56	66	61	50	53
85°	12	16	25	20	12	13
90°	1	0	8	3	1	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	1	0	0	0
135°	1	1	1	1	1	1
145°	1	1	1	1	1	1
155°	1	1	1	1	1	0
165°	1	1	1	1	1	0
175°	1	1	1	1	1	0
180°	1	1	1	1	1	



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	318.1	318.1	318.1	318.1	318.1	318.1	318.1	318.1	318.1	318.1	318.1
0.5°	317.8	318.1	318.1	318.2	318.3	317.8	318.1	317.7	317.8	318.1	318.0
1°	317.8	318.1	317.9	318.1	318.2	317.8	318.1	317.7	317.8	318.1	318.0
1.5°	317.4	318.2	318.0	318.1	318.1	317.8	318.2	317.7	317.8	318.1	318.0
2°	317.4	318.2	317.7	318.0	318.0	317.7	318.2	317.8	317.8	318.1	318.0
2.5°	317.4	317.7	317.7	317.9	318.0	317.4	318.0	317.6	317.8	318.1	317.8
3°	317.4	317.7	317.7	317.9	318.0	317.4	318.0	317.6	317.8	318.1	317.8
3.5°	317.1	317.7	317.6	317.8	317.8	317.2	317.9	317.5	317.8	318.0	317.8
4°	317.0	317.8	317.6	317.6	317.7	317.0	317.6	317.4	317.8	317.9	317.8
4.5°	316.9	317.8	317.4	317.6	317.6	317.0	317.6	317.5	317.6	317.7	317.5
5°	316.9	317.6	316.9	317.4	316.9	316.9	317.5	317.2	317.4	317.7	317.2
5.5°	316.4	317.5	316.9	317.2	316.9	316.9	316.9	317.1	317.5	317.3	317.2
6°	316.3	317.3	316.7	317.2	316.9	316.6	316.9	316.8	317.0	317.2	317.1
6.5°	316.1	316.6	316.7	316.8	316.8	316.5	316.9	316.6	317.0	317.1	317.1
7°	316.0	316.6	316.0	316.6	316.5	316.5	316.8	316.6	316.9	317.0	317.0
7.5°	315.5	316.6	315.8	316.2	315.9	316.2	316.5	316.4	316.4	316.7	316.8
8°	315.1	316.3	315.2	316.2	315.9	315.9	316.1	316.3	316.4	316.3	316.4
8.5°	315.0	315.9	315.2	315.2	315.7	315.7	316.0	316.0	316.2	316.2	316.1
9°	314.4	315.3	315.0	315.1	314.8	315.1	315.6	315.6	315.7	316.0	315.9
9.5°	314.2	314.8	314.8	314.6	314.6	315.1	315.1	315.4	315.5	315.7	315.8
10°	313.4	314.3	314.1	314.5	314.2	314.6	315.1	315.0	315.0	315.4	315.7
10.5°	313.2	313.9	313.8	314.3	313.8	314.4	314.6	314.8	314.9	315.4	315.4
11°	313.0	313.1	313.5	313.9	313.6	313.8	314.5	314.3	314.6	315.1	314.9
11.5°	312.7	313.1	312.5	313.7	312.9	313.3	313.6	314.1	314.4	314.7	314.6
12°	311.7	312.8	312.4	313.0	312.7	312.8	313.3	314.0	313.8	314.4	314.2
12.5°	311.1	312.0	311.9	312.3	312.1	312.3	313.2	313.4	313.6	313.9	313.9
13°	310.6	311.4	311.6	312.0	312.0	311.9	312.7	312.9	313.4	313.7	313.5
13.5°	310.3	311.0	310.9	311.3	311.0	311.4	312.5	312.4	312.6	313.2	313.0
14°	309.4	310.4	310.2	310.4	310.5	310.8	311.8	311.9	312.2	312.8	312.6
14.5°	308.6	309.4	309.8	309.9	309.9	310.4	311.0	311.4	311.6	312.3	312.0
15°	308.2	309.0	308.9	309.3	309.0	309.7	310.5	310.8	310.6	311.9	311.6
15.5°	307.8	308.6	308.3	308.6	308.2	309.1	310.2	310.1	309.9	311.3	310.9
16°	306.7	308.0	307.7	308.0	308.0	308.5	309.2	309.5	309.6	310.9	310.6
16.5°	306.0	306.8	306.7	307.7	307.7	307.7	308.5	308.8	309.4	310.4	310.0
17°	305.3	306.0	306.1	306.8	306.9	307.2	308.0	308.4	308.9	309.8	309.4
17.5°	304.9	304.7	305.3	305.9	306.4	306.6	307.2	307.5	308.1	309.4	308.8
18°	303.5	304.1	304.7	304.9	305.5	305.8	306.8	306.9	307.4	308.6	308.2
18.5°	302.7	303.1	303.9	304.3	304.7	305.0	305.9	306.5	306.9	307.8	307.6
19°	302.0	301.8	302.2	303.4	303.6	304.3	305.1	305.5	306.6	307.3	307.1
19.5°	300.6	301.0	301.4	302.4	302.6	303.5	304.5	304.9	305.7	306.8	306.4
20°	300.4	300.2	300.4	301.4	301.7	302.8	303.7	304.3	304.7	306.2	305.9
20.5°	299.1	299.1	299.5	300.6	300.7	301.9	302.9	303.3	304.6	305.3	305.0
21°	297.4	298.0	298.5	299.3	299.7	300.7	302.0	302.5	303.5	304.7	304.3
21.5°	296.9	297.0	297.2	298.2	298.8	299.8	301.0	301.9	302.6	303.8	303.4
22°	296.1	295.8	295.8	297.2	297.9	298.9	300.0	300.9	301.6	303.0	302.7



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	294.7	294.6	295.0	296.0	297.0	298.1	299.2	300.1	300.8	302.1	302.0
23°	293.6	293.5	293.4	294.4	295.7	296.9	298.2	299.1	300.0	301.2	300.7
23.5°	292.5	292.0	292.3	293.5	294.7	295.7	297.3	298.1	298.9	300.3	300.1
24°	291.4	290.9	290.9	292.2	293.7	294.6	296.3	297.3	297.8	299.5	299.1
24.5°	289.9	289.7	289.6	291.3	292.6	293.6	295.0	296.2	296.8	298.2	298.1
25°	288.2	288.3	288.8	290.1	291.3	292.3	293.7	295.0	295.8	297.3	297.2
25.5°	286.6	286.8	287.2	288.7	289.9	291.2	292.5	293.8	294.7	296.3	295.9
26°	285.5	285.6	286.3	287.1	288.5	289.7	291.2	292.6	293.5	295.2	294.7
26.5°	284.1	284.2	284.8	285.7	287.1	288.4	289.9	291.4	292.3	294.1	293.5
27°	282.5	282.7	283.2	284.2	285.8	287.0	288.9	290.2	291.3	292.7	292.5
27.5°	280.6	281.3	281.4	282.5	284.3	285.8	287.4	288.7	289.9	291.7	291.1
28°	279.0	279.6	279.7	280.9	283.0	284.3	286.2	287.8	288.9	290.3	289.9
28.5°	277.2	277.9	278.2	279.4	281.5	283.0	284.9	286.4	287.5	288.9	288.5
29°	275.8	276.5	276.5	277.8	279.9	281.5	283.7	284.9	286.2	287.6	287.3
29.5°	274.1	274.6	274.9	276.3	278.1	280.0	281.9	283.5	284.7	286.4	285.7
30°	272.2	272.8	273.2	274.6	276.4	278.4	280.2	282.2	283.5	284.8	284.3
30.5°	270.5	271.0	271.2	272.8	275.0	276.9	278.8	280.6	282.1	283.3	282.9
31°	268.9	269.2	269.7	271.1	273.3	275.4	277.2	279.2	280.6	281.7	281.5
31.5°	267.0	267.2	267.6	269.1	271.6	273.8	275.4	277.5	278.9	280.3	280.0
32°	265.2	265.2	265.6	267.2	270.0	272.1	274.1	276.1	277.5	278.7	278.3
32.5°	263.3	263.3	263.7	265.3	268.1	270.2	272.6	274.5	276.0	277.0	276.9
33°	261.4	261.3	261.5	263.2	266.2	268.6	270.8	272.4	274.4	275.4	275.2
33.5°	259.5	259.1	259.5	261.3	264.3	266.7	269.1	270.8	272.4	273.7	273.4
34°	257.2	257.0	257.4	259.2	262.2	264.5	267.2	268.6	270.8	271.9	271.6
34.5°	255.1	254.7	255.3	257.1	260.3	262.8	265.4	266.9	268.9	270.2	269.9
35°	252.9	252.5	253.2	254.9	258.3	260.7	263.2	265.1	267.1	268.5	268.1
35.5°	250.9	250.3	251.1	252.8	256.4	258.7	261.2	263.1	265.2	266.7	266.2
36°	248.6	248.2	248.4	250.6	254.5	256.4	259.2	260.9	263.5	264.8	264.2
36.5°	246.4	245.9	246.6	248.4	252.3	254.4	257.0	259.3	261.5	262.9	262.3
37°	244.1	243.8	244.4	246.2	249.9	252.3	254.9	257.5	259.3	260.8	260.2
37.5°	241.8	241.5	242.1	244.2	247.6	250.5	252.8	255.6	257.4	259.0	258.3
38°	239.4	239.1	239.8	241.6	245.1	248.2	250.7	253.3	255.3	256.9	256.5
38.5°	237.1	236.7	237.4	239.4	243.1	246.1	248.6	251.2	253.2	254.8	254.2
39°	234.8	234.3	235.1	237.1	240.8	243.8	246.7	249.0	251.0	252.6	252.3
39.5°	232.4	231.8	232.7	234.7	238.4	241.5	244.4	247.1	249.0	250.5	250.0
40°	229.9	229.3	230.1	232.1	236.1	239.0	242.2	244.8	246.8	248.3	248.0
40.5°	227.6	227.0	227.7	229.8	233.8	236.7	239.7	242.3	244.5	246.1	245.6
41°	225.0	224.5	225.1	227.2	231.4	234.5	237.5	240.1	242.5	243.8	243.6
41.5°	222.4	221.9	222.6	224.9	229.0	231.9	235.1	238.0	240.0	241.5	241.3
42°	219.8	219.3	220.2	222.3	226.7	229.6	232.7	236.0	237.8	239.3	239.2
42.5°	217.4	216.8	217.6	219.9	224.1	227.1	230.3	233.4	235.5	237.0	236.7
43°	214.9	214.3	215.0	217.3	221.6	224.8	227.9	230.9	233.1	234.6	234.4
43.5°	212.3	212.0	212.6	214.7	219.2	222.2	225.3	228.6	230.6	232.1	231.9
44°	209.9	209.3	210.0	212.2	216.6	219.7	222.8	226.0	228.2	229.6	229.5
44.5°	207.3	206.7	207.4	209.6	213.9	217.1	220.4	223.4	225.8	227.2	226.9



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	204.6	204.2	204.8	207.0	211.3	214.6	217.8	221.0	223.2	224.6	224.3
45.5°	201.9	201.4	202.2	204.3	208.7	212.0	215.3	218.3	220.7	222.3	221.7
46°	199.2	198.7	199.7	201.7	206.2	209.5	212.7	215.8	218.3	219.8	219.2
46.5°	196.5	196.0	197.0	199.0	203.4	206.9	210.3	213.4	215.8	217.1	216.4
47°	193.9	193.3	194.2	196.4	200.7	204.3	207.6	211.0	213.3	214.6	213.9
47.5°	191.1	190.5	191.6	193.7	197.8	201.5	204.9	208.5	210.8	212.0	211.6
48°	188.4	187.7	188.9	191.0	195.1	199.0	202.4	205.7	208.1	209.4	208.9
48.5°	185.7	185.0	186.1	188.1	192.6	196.1	199.8	203.0	205.6	206.7	206.4
49°	183.0	182.3	183.4	185.3	190.0	193.6	196.9	200.4	202.9	203.9	203.8
49.5°	180.3	179.8	180.6	182.6	187.2	190.8	194.0	197.6	200.2	201.3	201.0
50°	177.5	176.9	178.0	180.0	184.5	188.2	191.4	194.7	197.4	198.6	198.2
50.5°	174.9	174.1	175.1	177.3	181.7	185.3	188.7	192.0	194.7	195.8	195.5
51°	172.2	171.4	172.4	174.7	179.1	182.6	186.0	189.6	191.9	193.1	192.7
51.5°	169.4	168.6	169.5	171.8	176.5	180.0	183.4	186.8	189.2	190.4	190.1
52°	166.6	165.8	166.7	169.0	173.6	177.3	180.6	183.9	186.4	187.9	187.3
52.5°	163.9	162.9	164.1	166.2	170.7	174.5	177.9	181.5	183.7	185.1	184.5
53°	161.2	160.1	161.3	163.5	168.1	171.7	175.1	178.7	180.9	182.4	181.9
53.5°	158.5	157.4	158.5	160.7	165.3	168.9	172.4	175.6	178.3	179.7	179.1
54°	155.7	154.7	155.7	157.8	162.5	166.1	169.7	173.0	175.6	176.9	176.3
54.5°	152.8	151.8	152.9	155.0	159.7	163.3	167.0	170.1	173.0	174.2	173.7
55°	150.1	149.2	150.1	152.3	157.0	160.5	164.2	167.4	170.2	171.4	170.9
55.5°	147.5	146.5	147.4	149.5	154.4	157.9	161.3	164.8	167.4	168.6	168.1
56°	144.9	143.9	144.8	146.9	151.2	155.1	158.7	161.8	164.6	165.9	165.4
56.5°	142.1	141.0	142.0	144.2	148.7	152.3	155.9	159.1	161.7	163.0	162.7
57°	139.3	138.2	139.3	141.4	146.1	149.6	153.0	156.4	159.0	160.2	159.8
57.5°	136.6	135.4	136.7	138.5	143.4	147.0	150.2	153.6	156.2	157.6	157.1
58°	133.9	132.9	134.0	135.9	140.5	144.2	147.6	151.0	153.5	154.7	154.3
58.5°	131.2	130.2	131.3	133.3	137.7	141.5	145.0	148.1	150.8	151.9	151.6
59°	128.5	127.6	128.6	130.5	135.1	138.8	142.2	145.7	148.2	149.2	149.0
59.5°	125.8	125.0	125.8	127.9	132.5	136.0	139.5	143.0	145.6	146.7	146.4
60°	123.1	122.2	123.0	125.2	129.7	133.2	136.8	140.3	143.0	144.1	143.8
60.5°	120.4	119.5	120.4	122.4	127.1	130.6	134.1	137.5	140.2	141.3	141.1
61°	117.7	117.1	117.7	119.7	124.5	127.9	131.4	134.8	137.5	138.6	138.2
61.5°	115.2	114.4	115.0	117.1	122.0	125.3	128.8	132.1	134.8	135.9	135.6
62°	112.5	111.9	112.5	114.4	119.2	122.5	126.1	129.5	132.1	133.2	132.9
62.5°	109.8	109.2	109.8	111.9	116.6	119.9	123.4	126.9	129.4	130.5	130.1
63°	107.1	106.7	107.1	109.2	113.9	117.1	120.6	124.0	126.6	127.7	127.4
63.5°	104.6	104.3	104.6	106.6	111.2	114.6	118.0	121.4	123.9	125.0	124.6
64°	101.9	101.6	101.9	104.0	108.6	111.8	115.7	118.8	121.3	122.4	122.0
64.5°	99.3	99.1	99.3	101.3	106.0	109.3	113.0	116.3	118.6	119.7	119.3
65°	96.7	96.5	96.9	98.9	103.4	106.6	110.5	113.6	116.1	117.1	116.7
65.5°	94.2	94.0	94.3	96.3	100.9	104.1	107.8	111.0	113.4	114.5	114.0
66°	91.7	91.5	91.8	93.7	98.3	101.3	105.2	108.3	110.7	111.8	111.4
66.5°	89.1	89.0	89.3	91.1	95.7	98.8	102.6	105.7	107.9	109.2	108.6
67°	86.6	86.4	86.7	88.7	93.2	96.3	100.0	103.0	105.4	106.7	106.0



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	84.4	84.1	84.4	86.2	90.7	93.7	97.4	100.5	102.8	104.1	103.3
68°	81.8	81.6	82.0	83.8	88.2	91.1	94.8	97.9	100.1	101.5	100.7
68.5°	79.5	79.2	79.6	81.4	85.7	88.6	92.3	95.3	97.4	98.9	98.2
69°	77.0	76.8	77.0	79.0	83.4	86.1	89.8	92.8	95.0	96.3	95.5
69.5°	74.4	74.4	74.6	76.6	80.9	83.9	87.4	90.2	92.4	93.8	93.0
70°	72.1	72.0	72.3	74.2	78.6	81.3	84.9	87.8	89.8	91.3	90.4
70.5°	69.8	69.7	70.0	71.9	76.0	78.9	82.7	85.2	87.3	88.7	87.8
71°	67.5	67.4	67.6	69.5	73.8	76.5	80.2	82.9	84.9	86.2	85.3
71.5°	65.1	65.1	65.3	67.2	71.3	74.1	77.7	80.6	82.5	83.9	82.9
72°	62.8	62.7	63.0	64.9	69.1	71.7	75.3	78.1	79.9	81.5	80.5
72.5°	60.6	60.5	60.8	62.6	66.7	69.4	72.8	75.7	77.7	79.1	78.0
73°	58.4	58.2	58.6	60.4	64.4	67.1	70.5	73.2	75.2	76.6	75.5
73.5°	56.3	56.0	56.4	58.1	62.1	64.7	68.2	70.8	72.7	74.2	73.2
74°	54.1	53.9	54.2	55.9	59.8	62.5	65.9	68.5	70.5	71.8	70.8
74.5°	52.1	51.8	52.2	53.8	57.6	60.2	63.6	66.2	68.1	69.4	68.4
75°	49.9	49.6	50.0	51.8	55.6	58.0	61.3	63.9	65.8	67.1	66.2
75.5°	48.0	47.4	48.0	49.5	53.3	55.8	59.1	61.7	63.5	64.8	63.8
76°	45.7	45.4	45.9	47.5	51.1	53.7	56.8	59.4	61.3	62.4	61.5
76.5°	43.7	43.3	43.8	45.3	49.0	51.6	54.6	57.2	59.0	60.2	59.2
77°	41.6	41.3	41.7	43.3	47.0	49.5	52.6	55.0	56.8	58.0	57.1
77.5°	39.6	39.2	39.7	41.3	44.9	47.5	50.4	52.9	54.6	55.7	54.9
78°	37.5	37.3	37.7	39.1	42.8	45.4	48.4	50.8	52.6	53.5	52.8
78.5°	35.5	35.2	35.7	37.2	40.7	43.3	46.3	48.7	50.4	51.4	50.6
79°	33.6	33.2	33.6	35.2	38.8	41.3	44.1	46.7	48.3	49.3	48.5
79.5°	31.6	31.2	31.7	33.3	36.7	39.4	42.1	44.6	46.3	47.2	46.4
80°	29.7	29.2	29.8	31.2	34.7	37.3	40.1	42.6	44.2	45.1	44.4
80.5°	27.7	27.3	27.8	29.3	32.8	35.4	38.2	40.5	42.3	43.0	42.3
81°	25.9	25.3	26.0	27.3	30.9	33.5	36.2	38.5	40.2	40.9	40.3
81.5°	24.0	23.5	24.1	25.4	28.9	31.6	34.2	36.5	38.1	38.9	38.2
82°	22.1	21.7	22.3	23.6	27.0	29.6	32.2	34.5	36.2	36.9	36.3
82.5°	20.4	20.0	20.5	21.9	25.2	27.7	30.3	32.6	34.3	35.0	34.3
83°	18.7	18.1	18.7	20.1	23.4	25.9	28.4	30.7	32.4	33.0	32.4
83.5°	16.9	16.4	16.9	18.2	21.5	24.0	26.5	28.7	30.4	31.0	30.5
84°	15.1	14.6	15.1	16.4	19.8	22.2	24.6	26.9	28.5	29.1	28.6
84.5°	13.4	12.9	13.4	14.7	18.0	20.5	22.9	25.0	26.7	27.2	26.8
85°	11.7	11.2	11.7	13.0	16.3	18.8	21.0	23.1	24.8	25.4	24.9
85.5°	9.9	9.5	10.0	11.3	14.5	16.9	19.4	21.4	23.0	23.6	23.1
86°	8.3	7.8	8.2	9.6	12.8	15.2	17.6	19.8	21.1	21.6	21.2
86.5°	6.6	6.0	6.5	7.9	11.3	13.5	15.8	18.0	19.5	20.0	19.5
87°	4.9	4.3	4.7	6.2	9.6	11.8	14.2	16.2	17.7	18.2	17.7
87.5°	3.1	2.7	3.0	4.5	7.9	10.1	12.7	14.5	16.0	16.5	16.0
88°	1.8	1.4	1.7	2.8	6.3	8.6	10.8	12.9	14.3	14.8	14.2
88.5°	0.8	0.8	0.8	1.4	4.6	6.9	9.2	11.2	12.6	13.0	12.6
89°	0.7	0.6	0.6	0.6	2.9	5.3	7.5	9.6	10.8	11.2	10.7
89.5°	0.5	0.6	0.6	0.5	1.5	3.7	6.0	7.9	9.3	9.6	9.2



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.6	0.5	0.6	0.5	0.4	2.1	4.4	6.3	7.6	8.0	7.4
90.5°	0.4	0.6	0.5	0.6	0.4	0.8	2.8	4.7	6.0	6.4	5.8
91°	0.4	0.5	0.5	0.5	0.4	0.4	1.4	3.1	4.4	4.7	4.1
91.5°	0.5	0.5	0.5	0.5	0.3	0.4	0.5	1.6	2.7	3.0	2.4
92°	0.4	0.4	0.5	0.5	0.3	0.4	0.3	0.6	1.2	1.4	0.8
92.5°	0.4	0.4	0.5	0.5	0.3	0.4	0.3	0.4	0.4	0.4	0.4
93°	0.4	0.4	0.5	0.5	0.3	0.4	0.3	0.4	0.4	0.4	0.4
93.5°	0.4	0.4	0.5	0.5	0.3	0.4	0.2	0.4	0.4	0.4	0.3
94°	0.4	0.4	0.5	0.5	0.3	0.4	0.2	0.4	0.3	0.3	0.3
94.5°	0.4	0.4	0.5	0.5	0.3	0.4	0.2	0.4	0.3	0.3	0.3
95°	0.4	0.4	0.5	0.5	0.3	0.4	0.2	0.4	0.3	0.3	0.3
95.5°	0.4	0.4	0.5	0.5	0.3	0.4	0.2	0.4	0.4	0.3	0.4
96°	0.4	0.4	0.5	0.5	0.3	0.4	0.2	0.4	0.4	0.3	0.4
96.5°	0.4	0.4	0.5	0.5	0.3	0.4	0.2	0.4	0.4	0.3	0.4
97°	0.4	0.4	0.5	0.5	0.3	0.4	0.2	0.4	0.4	0.3	0.4
97.5°	0.4	0.4	0.5	0.5	0.3	0.4	0.3	0.4	0.4	0.3	0.4
98°	0.4	0.4	0.5	0.5	0.3	0.4	0.3	0.4	0.4	0.3	0.4
98.5°	0.4	0.4	0.5	0.5	0.3	0.4	0.3	0.4	0.4	0.3	0.4
99°	0.4	0.4	0.5	0.5	0.3	0.4	0.3	0.4	0.4	0.3	0.4
99.5°	0.4	0.4	0.5	0.5	0.3	0.4	0.4	0.4	0.4	0.3	0.4
100°	0.4	0.4	0.5	0.5	0.3	0.4	0.4	0.4	0.4	0.3	0.4
100.5°	0.4	0.4	0.5	0.5	0.3	0.4	0.4	0.4	0.4	0.3	0.4
101°	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
101.5°	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
102°	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
102.5°	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
103°	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
103.5°	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
104°	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
104.5°	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
105°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4
105.5°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4
106°	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
106.5°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4
107°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4
107.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.4	0.4	0.4	0.5
108°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.5
108.5°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4
109°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4
109.5°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.5	0.4	0.4
110°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.5	0.4	0.4
110.5°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4
111°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.4
111.5°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.4
112°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.4



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.4
113°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.4	0.4
113.5°	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.5	0.4	0.4
114°	0.4	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.4	0.4
114.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.5	0.5	0.5	0.4	0.4
115°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.5	0.5	0.4	0.4
115.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.5	0.5	0.4	0.4
116°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.5	0.5	0.4	0.4
116.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.5	0.5	0.4	0.4
117°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.5	0.5	0.4	0.4
117.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.5	0.5	0.4	0.4
118°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.5	0.6	0.4	0.4
118.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.5	0.6	0.4	0.4
119°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.6	0.6	0.4	0.4
119.5°	0.4	0.4	0.5	0.5	0.4	0.7	0.4	0.6	0.6	0.4	0.4
120°	0.4	0.4	0.5	0.5	0.4	0.7	0.4	0.6	0.6	0.4	0.5
120.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.6	0.6	0.4	0.5
121°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.6	0.6	0.4	0.5
121.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.6	0.6	0.5	0.5
122°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.6	0.6	0.5	0.5
122.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.6	0.6	0.5	0.6
123°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.6	0.6	0.6	0.6
123.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.4	0.6	0.6	0.6	0.6
124°	0.4	0.4	0.5	0.5	0.4	0.6	0.5	0.6	0.6	0.6	0.6
124.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.5	0.7	0.6	0.6	0.6
125°	0.4	0.4	0.5	0.5	0.4	0.6	0.5	0.7	0.6	0.6	0.6
125.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.6	0.6	0.6	0.6	0.6
126°	0.4	0.4	0.5	0.5	0.4	0.6	0.6	0.6	0.6	0.6	0.6
126.5°	0.4	0.4	0.5	0.5	0.4	0.6	0.5	0.6	0.6	0.6	0.6
127°	0.4	0.4	0.5	0.5	0.4	0.7	0.5	0.6	0.6	0.6	0.6
127.5°	0.4	0.4	0.5	0.5	0.4	0.7	0.5	0.6	0.6	0.6	0.6
128°	0.4	0.4	0.5	0.5	0.4	0.7	0.5	0.6	0.6	0.6	0.6
128.5°	0.4	0.4	0.5	0.5	0.4	0.7	0.6	0.6	0.6	0.6	0.6
129°	0.4	0.4	0.5	0.5	0.4	0.7	0.6	0.6	0.6	0.6	0.6
129.5°	0.4	0.4	0.5	0.5	0.4	0.7	0.7	0.6	0.6	0.6	0.6
130°	0.4	0.4	0.5	0.5	0.4	0.7	0.7	0.6	0.6	0.6	0.6
130.5°	0.5	0.4	0.5	0.5	0.4	0.7	0.6	0.6	0.6	0.6	0.6
131°	0.5	0.4	0.5	0.5	0.4	0.7	0.6	0.7	0.6	0.7	0.6
131.5°	0.5	0.4	0.6	0.5	0.4	0.7	0.6	0.7	0.6	0.6	0.6
132°	0.6	0.4	0.6	0.6	0.5	0.7	0.6	0.7	0.6	0.6	0.6
132.5°	0.6	0.5	0.7	0.6	0.5	0.7	0.6	0.7	0.6	0.6	0.6
133°	0.6	0.5	0.7	0.6	0.6	0.7	0.6	0.7	0.6	0.6	0.6
133.5°	0.6	0.4	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.6	0.6
134°	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.6
134.5°	0.7	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.6



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	318.1	318.1	318.1	318.1	318.1	318.1
0.5°	318.2	318.2	317.8	318.1	317.7	317.8
1°	317.9	318.3	317.8	318.1	317.2	317.8
1.5°	317.9	318.3	317.9	318.1	317.4	317.4
2°	318.0	318.3	317.9	318.1	317.4	317.4
2.5°	317.9	318.4	317.9	317.8	317.5	317.4
3°	317.9	318.4	317.9	317.8	317.5	317.4
3.5°	317.9	318.4	317.9	317.7	316.9	317.1
4°	317.9	318.2	317.9	317.8	316.9	317.0
4.5°	317.9	318.2	317.6	317.5	316.9	316.9
5°	318.0	318.1	317.4	317.6	316.9	316.9
5.5°	318.0	317.6	317.4	317.3	316.5	316.4
6°	317.3	317.6	317.2	317.1	316.3	316.3
6.5°	317.1	317.6	316.7	316.8	316.0	316.1
7°	316.6	317.1	316.7	316.5	316.0	316.0
7.5°	316.6	317.1	316.6	316.1	315.8	315.5
8°	316.6	316.7	316.3	316.0	315.4	315.1
8.5°	316.2	316.3	316.0	315.9	314.7	315.0
9°	316.1	315.8	315.7	315.7	314.7	314.4
9.5°	315.9	315.5	315.7	315.2	314.4	314.2
10°	315.2	315.5	315.2	315.0	313.8	313.4
10.5°	315.1	315.3	314.8	314.6	313.6	313.2
11°	314.8	315.0	314.6	314.1	313.5	313.0
11.5°	314.6	315.1	313.9	313.7	312.8	312.7
12°	314.1	314.2	313.3	313.3	312.3	311.7
12.5°	313.6	313.5	312.7	312.8	311.9	311.1
13°	313.3	313.2	312.1	311.9	311.2	310.6
13.5°	313.1	312.8	311.9	311.6	310.8	310.3
14°	312.7	312.5	311.5	310.6	310.0	309.4
14.5°	312.4	312.2	311.2	310.1	309.6	308.6
15°	311.7	311.4	310.4	309.1	309.1	308.2
15.5°	311.3	310.6	309.8	308.8	308.2	307.8
16°	311.0	310.3	309.2	308.3	307.7	306.7
16.5°	310.3	309.5	308.5	307.8	307.2	306.0
17°	309.9	309.3	308.2	307.0	306.6	305.3
17.5°	309.1	308.6	307.4	306.2	305.4	304.9
18°	308.6	308.3	306.3	305.9	304.5	303.5
18.5°	307.7	307.5	305.7	304.6	303.7	302.7
19°	307.3	306.6	305.1	304.0	302.6	302.0
19.5°	306.4	306.1	304.0	302.6	301.9	300.6
20°	305.5	304.9	303.2	301.9	300.9	300.4
20.5°	304.9	303.8	302.4	300.7	299.8	299.1
21°	304.0	303.0	301.5	300.1	299.1	297.4
21.5°	303.0	302.4	300.2	299.1	297.9	296.9
22°	302.2	301.3	299.2	298.1	296.8	296.1



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	301.4	299.7	298.2	297.2	295.7	294.7
23°	300.7	298.8	297.2	295.9	294.6	293.6
23.5°	299.6	298.3	295.9	294.8	293.4	292.5
24°	298.5	297.3	294.9	293.7	292.4	291.4
24.5°	297.5	296.1	294.0	292.4	290.7	289.9
25°	296.3	294.8	292.7	291.1	289.2	288.2
25.5°	295.2	293.5	291.3	290.0	287.9	286.6
26°	294.1	292.5	290.4	288.7	286.4	285.5
26.5°	292.7	290.8	289.1	287.3	284.9	284.1
27°	291.5	289.4	287.7	285.6	283.6	282.5
27.5°	290.3	288.3	285.9	284.4	282.2	280.6
28°	288.9	286.6	284.9	282.5	280.6	279.0
28.5°	287.7	285.1	283.3	281.1	278.9	277.2
29°	286.3	283.9	282.0	279.8	277.4	275.8
29.5°	285.0	282.3	280.2	277.9	275.8	274.1
30°	283.4	280.9	278.7	276.2	274.1	272.2
30.5°	282.1	279.3	276.9	274.7	272.3	270.5
31°	280.6	277.9	275.0	272.6	270.5	268.9
31.5°	279.0	276.4	273.2	270.9	268.6	267.0
32°	277.2	274.8	271.9	269.0	266.8	265.2
32.5°	275.7	273.0	269.6	267.3	264.7	263.3
33°	274.1	271.0	268.2	265.4	262.6	261.4
33.5°	272.6	269.2	266.4	263.6	260.8	259.5
34°	270.9	267.2	264.4	261.6	258.8	257.2
34.5°	269.2	265.5	262.3	259.6	257.0	255.1
35°	267.3	263.4	260.2	257.5	254.8	252.9
35.5°	265.3	261.6	258.3	255.3	252.7	250.9
36°	263.3	259.5	256.2	253.2	250.5	248.6
36.5°	261.3	257.5	254.2	251.2	248.3	246.4
37°	259.2	255.4	252.1	248.9	245.9	244.1
37.5°	257.1	253.1	249.8	246.5	243.8	241.8
38°	255.0	250.9	247.8	244.3	241.4	239.4
38.5°	253.0	248.7	245.4	242.1	239.2	237.1
39°	250.8	246.7	243.3	239.8	236.9	234.8
39.5°	248.6	244.3	240.8	237.3	234.4	232.4
40°	246.5	241.9	238.4	235.0	232.1	229.9
40.5°	244.2	239.5	236.2	232.6	229.5	227.6
41°	242.1	237.1	233.7	230.2	227.1	225.0
41.5°	239.8	234.7	231.3	227.8	224.7	222.4
42°	237.5	232.5	228.8	225.2	222.1	219.8
42.5°	235.1	230.0	226.4	222.7	219.7	217.4
43°	232.6	227.4	223.9	220.1	217.1	214.9
43.5°	230.1	225.0	221.4	217.5	214.5	212.3
44°	227.6	222.5	218.9	214.9	212.0	209.9
44.5°	225.0	219.9	216.2	212.2	209.4	207.3



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	222.3	217.5	213.6	209.7	206.6	204.6
45.5°	219.9	214.9	211.1	207.0	204.1	201.9
46°	217.3	212.2	208.3	204.5	201.4	199.2
46.5°	214.8	209.6	205.7	201.7	198.7	196.5
47°	212.2	207.1	203.0	199.2	195.9	193.9
47.5°	209.7	204.5	200.4	196.3	193.2	191.1
48°	207.2	201.6	197.6	193.6	190.5	188.4
48.5°	204.5	199.0	195.0	190.8	187.9	185.7
49°	201.7	196.3	192.4	188.3	185.2	183.0
49.5°	198.9	193.5	189.7	185.5	182.5	180.3
50°	196.1	190.7	187.0	182.8	179.9	177.5
50.5°	193.4	187.8	184.3	180.1	177.1	174.9
51°	190.7	185.1	181.4	177.4	174.4	172.2
51.5°	187.9	182.6	178.8	174.5	171.5	169.4
52°	185.3	179.8	176.2	171.6	168.6	166.6
52.5°	182.4	176.9	173.4	168.8	165.9	163.9
53°	179.7	174.2	170.7	166.0	163.1	161.2
53.5°	176.9	171.4	167.7	163.4	160.4	158.5
54°	174.1	169.0	165.1	160.7	157.6	155.7
54.5°	171.3	166.1	162.4	157.9	154.9	152.8
55°	168.6	163.4	159.5	155.2	152.2	150.1
55.5°	165.8	160.7	156.8	152.5	149.4	147.5
56°	163.1	157.9	154.0	149.6	146.9	144.9
56.5°	160.4	155.2	151.3	147.1	144.1	142.1
57°	157.6	152.4	148.6	144.4	141.3	139.3
57.5°	154.9	149.7	145.9	141.8	138.7	136.6
58°	152.1	147.0	143.2	139.1	136.1	133.9
58.5°	149.4	144.4	140.5	136.6	133.3	131.2
59°	146.8	141.7	137.8	133.7	130.5	128.5
59.5°	144.0	139.2	135.2	131.1	127.8	125.8
60°	141.3	136.4	132.5	128.4	125.2	123.1
60.5°	138.7	133.7	129.7	125.6	122.6	120.4
61°	135.9	131.0	127.0	122.9	119.9	117.7
61.5°	133.2	128.2	124.2	120.4	117.2	115.2
62°	130.5	125.6	121.7	117.7	114.7	112.5
62.5°	127.7	123.0	119.0	115.3	112.0	109.8
63°	125.0	120.2	116.4	112.5	109.3	107.1
63.5°	122.4	117.5	113.8	110.0	106.6	104.6
64°	119.7	114.9	111.2	107.3	104.1	101.9
64.5°	117.1	112.5	108.5	104.8	101.4	99.3
65°	114.5	109.8	105.8	102.2	98.8	96.7
65.5°	111.9	107.1	103.1	99.6	96.3	94.2
66°	109.1	104.5	100.6	97.0	93.7	91.7
66.5°	106.4	102.0	97.9	94.4	91.1	89.1
67°	103.8	99.5	95.3	91.9	88.7	86.6



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	101.2	96.8	92.7	89.4	86.2	84.4
68°	98.5	94.1	90.2	86.8	83.8	81.8
68.5°	96.0	91.6	87.6	84.6	81.4	79.5
69°	93.4	89.2	85.4	82.1	79.0	77.0
69.5°	91.0	86.5	82.9	79.6	76.5	74.4
70°	88.5	84.2	80.5	77.1	74.0	72.1
70.5°	85.9	81.8	78.0	74.7	71.8	69.8
71°	83.7	79.3	75.6	72.4	69.3	67.5
71.5°	81.2	76.8	73.1	70.0	67.0	65.1
72°	78.7	74.4	70.7	67.7	64.7	62.8
72.5°	76.3	72.1	68.4	65.4	62.5	60.6
73°	73.9	69.7	66.1	63.2	60.3	58.4
73.5°	71.5	67.5	63.8	61.0	58.2	56.3
74°	69.1	65.2	61.6	58.7	55.9	54.1
74.5°	66.8	62.8	59.4	56.6	53.8	52.1
75°	64.5	60.6	57.2	54.3	51.7	49.9
75.5°	62.2	58.4	55.0	52.2	49.7	48.0
76°	60.0	56.2	53.0	50.2	47.6	45.7
76.5°	57.6	53.9	50.8	48.0	45.4	43.7
77°	55.5	51.9	48.6	45.9	43.2	41.6
77.5°	53.4	49.8	46.6	43.7	41.2	39.6
78°	51.3	47.6	44.5	41.6	39.1	37.5
78.5°	49.1	45.5	42.4	39.6	37.2	35.5
79°	47.1	43.4	40.4	37.6	35.1	33.6
79.5°	44.9	41.4	38.3	35.5	33.1	31.6
80°	42.9	39.3	36.3	33.4	31.1	29.7
80.5°	40.9	37.3	34.3	31.5	29.2	27.7
81°	38.8	35.3	32.3	29.5	27.2	25.9
81.5°	36.8	33.2	30.4	27.6	25.4	24.0
82°	34.8	31.3	28.5	25.6	23.5	22.1
82.5°	32.8	29.3	26.5	23.8	21.7	20.4
83°	30.9	27.4	24.6	22.0	19.9	18.7
83.5°	29.0	25.4	22.7	20.2	18.2	16.9
84°	27.0	23.5	21.0	18.4	16.3	15.1
84.5°	25.2	21.7	19.3	16.7	14.6	13.4
85°	23.3	20.1	17.4	14.8	12.8	11.7
85.5°	21.5	18.3	15.6	13.2	11.1	9.9
86°	19.8	16.4	13.8	11.4	9.5	8.3
86.5°	18.0	14.5	12.1	9.7	7.8	6.6
87°	16.2	12.8	10.4	8.0	6.2	4.9
87.5°	14.5	11.1	8.7	6.3	4.4	3.1
88°	12.7	9.3	7.0	4.6	2.8	1.8
88.5°	11.0	7.6	5.4	3.0	1.5	0.8
89°	9.3	6.1	3.5	1.6	0.7	0.7
89.5°	7.6	4.4	2.0	0.6	0.6	0.5



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	5.9	2.6	0.8	0.6	0.6	0.6
90.5°	4.3	1.2	0.6	0.5	0.6	0.4
91°	2.4	0.6	0.6	0.5	0.5	0.4
91.5°	0.9	0.6	0.6	0.4	0.5	0.5
92°	0.4	0.6	0.6	0.4	0.5	0.4
92.5°	0.4	0.6	0.5	0.4	0.5	0.4
93°	0.3	0.6	0.5	0.4	0.5	0.4
93.5°	0.3	0.5	0.5	0.4	0.5	0.4
94°	0.3	0.5	0.5	0.4	0.5	0.4
94.5°	0.3	0.5	0.5	0.4	0.5	0.4
95°	0.4	0.5	0.5	0.4	0.5	0.4
95.5°	0.4	0.5	0.5	0.4	0.5	0.4
96°	0.4	0.5	0.5	0.4	0.5	0.4
96.5°	0.4	0.5	0.5	0.4	0.5	0.4
97°	0.4	0.5	0.5	0.4	0.5	0.4
97.5°	0.4	0.5	0.5	0.4	0.5	0.4
98°	0.4	0.5	0.5	0.4	0.5	0.4
98.5°	0.4	0.5	0.5	0.4	0.5	0.4
99°	0.4	0.5	0.5	0.4	0.5	0.4
99.5°	0.4	0.5	0.5	0.4	0.5	0.4
100°	0.4	0.5	0.5	0.4	0.5	0.4
100.5°	0.4	0.5	0.5	0.4	0.5	0.4
101°	0.4	0.5	0.5	0.4	0.5	0.4
101.5°	0.4	0.5	0.5	0.4	0.5	0.4
102°	0.4	0.5	0.5	0.4	0.5	0.4
102.5°	0.4	0.5	0.5	0.4	0.5	0.4
103°	0.4	0.5	0.5	0.4	0.5	0.4
103.5°	0.4	0.5	0.5	0.4	0.5	0.4
104°	0.4	0.5	0.5	0.4	0.5	0.4
104.5°	0.4	0.5	0.5	0.4	0.5	0.4
105°	0.4	0.5	0.5	0.4	0.5	0.4
105.5°	0.4	0.5	0.5	0.4	0.5	0.4
106°	0.4	0.5	0.5	0.4	0.5	0.4
106.5°	0.4	0.5	0.5	0.4	0.5	0.4
107°	0.4	0.5	0.5	0.4	0.5	0.4
107.5°	0.4	0.5	0.5	0.4	0.5	0.4
108°	0.4	0.5	0.5	0.4	0.5	0.4
108.5°	0.4	0.5	0.5	0.4	0.5	0.4
109°	0.5	0.5	0.5	0.4	0.5	0.4
109.5°	0.4	0.5	0.5	0.4	0.5	0.4
110°	0.5	0.5	0.5	0.4	0.5	0.4
110.5°	0.5	0.5	0.5	0.4	0.5	0.4
111°	0.5	0.5	0.5	0.4	0.5	0.4
111.5°	0.5	0.5	0.5	0.4	0.5	0.4
112°	0.5	0.5	0.5	0.4	0.5	0.4



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P473756

CATALOG NUMBER: HLB6099BLE40AWH-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.9	0.9	0.9	0.9	0.9	0.9

(END OF REPORT)