

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: P565407

Luminaire Tested: **LTQL4069S1EDM-3000K-UNIT**

Issue Date: 8/31/2021

Test Information

Test Method: LM-79-08
Report Number: P565407
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2109887G005)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 8/31/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: HALO
Catalog Number: LTQL4069S1EDM-3000K-UNIT
Description: 4in Surface Mount Downlight Fixture with Color Selectable Switch
Light Source: (16) 3000K CCT, 93 CRI LEDS
Ballast/Driver: -

Summary

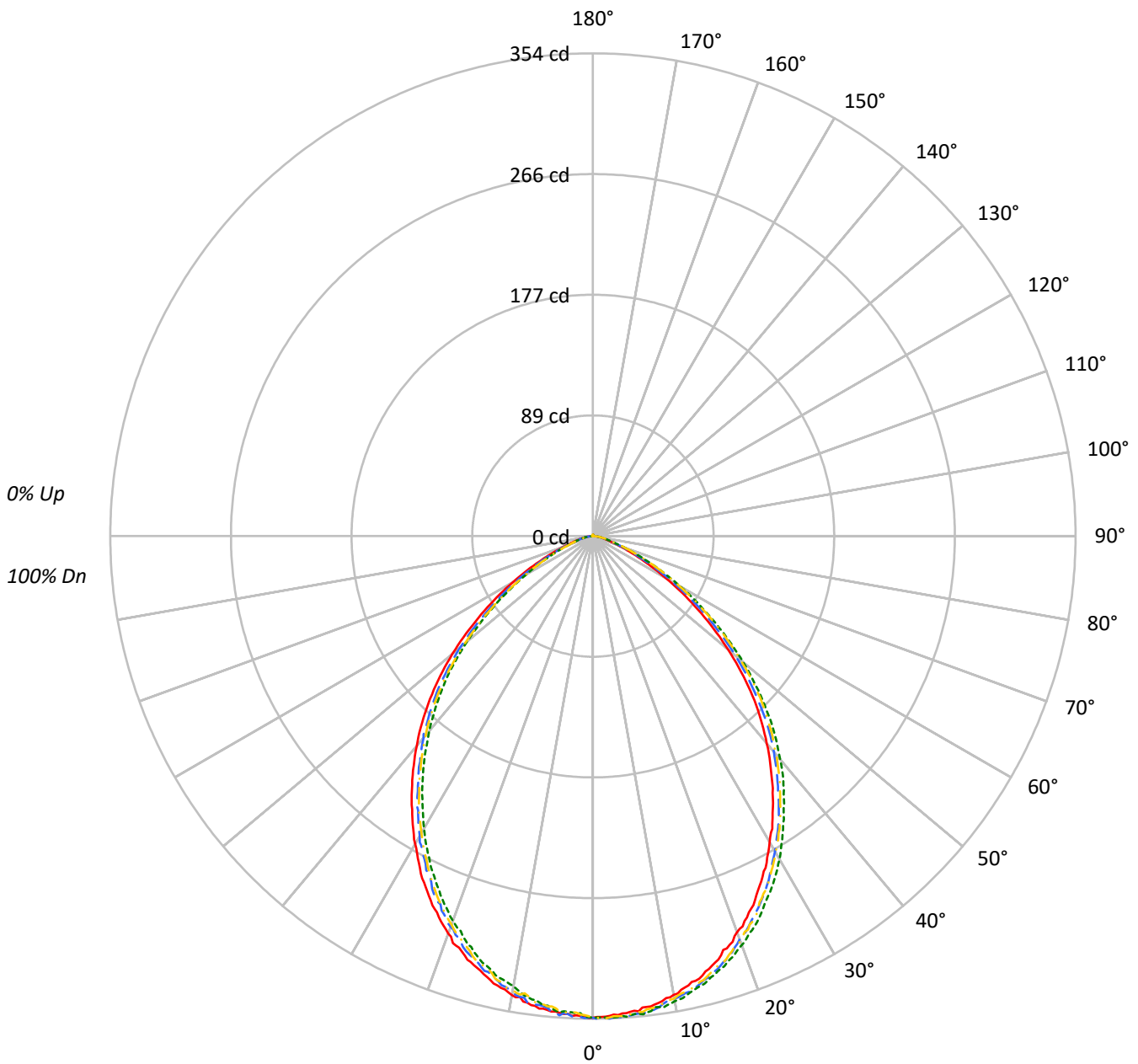
Lumens per Lamp: N/A
Luminaire Lumens: 675.0 lumens
Efficiency: N/A
Efficacy: 95.1 lumens/watt
Spacing Criteria (0/90/45): 1.11 / 1.12 / 1.2
Luminous Opening: Circular (Dia: 0.33m x H: 0m)
CIE Type: Direct

Input Watts (W): 7.1
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: P565407
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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	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	90	90	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	79	79	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	70	70	70	68
4	88	78	70	64	86	76	69	64	74	68	63	72	67	62	70	65	61	61	61	61	60
5	82	70	63	57	80	69	62	56	67	61	56	65	60	55	64	59	55	55	55	55	53
6	76	64	56	50	74	63	56	50	61	55	50	60	54	49	58	53	49	49	49	49	47
7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	44	44	44	42
8	66	54	46	41	65	53	46	41	52	45	41	51	45	40	50	44	40	40	40	40	38
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	37	37	37	35
10	58	46	39	34	57	46	39	34	45	38	34	44	38	34	43	38	34	34	34	34	32

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	4057	4057	4057	4057
5°	4028	4056	4034	4008
10°	3984	4038	3986	3908
15°	3906	3980	3897	3819
20°	3778	3900	3790	3667
25°	3631	3775	3641	3489
30°	3437	3629	3456	3284
35°	3223	3419	3248	3052
40°	2974	3203	3013	2798
45°	2686	2920	2743	2514
50°	2313	2567	2403	2154
55°	1886	2156	1996	1738
60°	1426	1711	1559	1304
65°	1000	1242	1136	929
70°	661	816	772	648
75°	470	541	546	479
80°	390	443	436	410
85°	290	382	343	316



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.2	4.9
10°-20°	92.4	13.7
20°-30°	131.9	19.5
30°-40°	144.2	21.4
40°-50°	128.5	19.0
50°-60°	87.0	12.9
60°-70°	40.3	6.0
70°-80°	13.0	1.9
80°-90°	3.0	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.1	0.0
130°-140°	0.2	0.0
140°-150°	0.4	0.1
150°-160°	0.4	0.1
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	257.5	38.2
0°-40°	401.8	59.5
0°-60°	617.3	91.5
0°-90°	673.7	99.8
90°-120°	0.0	0.0
90°-150°	0.7	0.1
90°-180°	1.0	0.1
0°-180°	675.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	353	353	353	353	353	
5°	350	352	350	348	350	33
15°	329	335	328	321	329	92
25°	287	298	287	275	287	132
35°	230	244	232	218	230	144
45°	165	180	169	155	165	127
55°	94	108	100	87	94	84
65°	37	46	42	34	37	38
75°	11	12	12	11	11	12
85°	2	3	3	2	2	3
90°	0	0	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°	1	0	1	1	1	0
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	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	353.3	353.3	353.3	353.3	353.3	353.3	353.3	353.3	353.3	353.3	353.3
0.5°	352.7	353.4	354.0	353.3	353.0	353.8	353.6	352.4	353.5	352.3	353.2
1°	352.8	353.8	354.1	353.2	353.2	353.5	352.3	352.8	352.6	354.0	353.5
1.5°	352.6	354.0	353.5	352.6	353.2	353.6	353.9	353.8	352.0	352.7	352.8
2°	352.1	352.9	354.0	353.1	353.4	354.5	353.2	353.6	351.7	352.7	352.5
2.5°	351.2	352.2	353.2	354.5	353.4	353.7	352.4	352.8	352.3	352.8	352.7
3°	351.8	351.8	353.2	353.4	353.1	353.5	352.6	353.4	350.7	350.9	351.0
3.5°	350.7	351.9	353.8	353.9	352.5	353.5	352.7	353.3	351.2	353.2	350.6
4°	350.7	351.3	353.4	353.8	353.3	353.5	351.6	352.2	350.6	350.8	352.3
4.5°	350.0	353.1	352.6	353.4	352.4	353.5	351.8	350.8	349.8	349.3	350.4
5°	349.5	350.3	352.0	351.5	351.9	353.3	351.4	352.2	350.0	349.5	350.1
5.5°	350.1	350.1	351.8	352.2	352.0	352.1	350.8	351.0	349.1	348.9	347.8
6°	347.6	350.1	351.9	351.8	352.6	353.3	350.8	350.2	348.4	347.9	346.6
6.5°	347.6	349.2	351.8	351.2	351.6	351.9	349.4	349.1	348.8	347.1	346.2
7°	347.6	348.5	351.2	350.5	351.0	350.5	349.0	348.6	347.1	347.5	346.2
7.5°	346.5	347.9	349.9	349.7	348.5	349.6	348.8	348.2	346.9	346.2	345.7
8°	345.8	346.8	348.9	349.0	348.8	350.6	348.1	347.4	345.6	345.4	345.4
8.5°	344.8	345.7	346.9	348.6	349.5	349.6	346.6	346.9	345.2	344.2	342.1
9°	343.1	342.7	345.6	348.5	348.3	348.4	346.4	344.8	342.2	343.5	342.2
9.5°	342.9	343.8	345.5	347.8	347.5	348.8	344.8	344.0	342.9	342.3	341.4
10°	341.7	345.3	344.4	345.6	346.3	347.1	344.2	344.6	341.9	340.5	339.8
10.5°	341.2	342.6	344.0	345.5	345.8	347.0	342.6	343.0	340.4	340.2	338.0
11°	339.0	341.6	342.9	343.6	345.2	346.1	341.6	341.9	338.7	339.1	336.8
11.5°	337.9	339.6	341.9	340.7	343.7	344.1	341.1	340.2	338.2	337.0	336.1
12°	336.9	338.6	341.5	340.3	342.4	342.7	340.4	340.0	336.9	335.6	333.7
12.5°	335.0	337.8	340.4	341.7	341.2	342.0	339.1	338.8	336.1	333.9	332.2
13°	334.8	335.7	339.0	337.2	340.1	341.8	338.0	336.3	334.1	332.1	330.5
13.5°	333.8	335.6	337.4	336.5	339.1	338.9	336.2	335.2	332.6	330.9	328.8
14°	332.1	333.8	335.8	335.4	338.4	337.7	335.6	334.4	331.0	329.6	328.7
14.5°	329.7	332.5	334.8	334.8	336.8	336.8	333.8	333.0	329.2	328.3	326.6
15°	328.6	331.1	334.3	334.8	334.8	334.3	332.1	331.0	327.8	325.4	324.3
15.5°	327.0	329.0	331.8	333.3	333.9	333.5	330.3	330.0	326.6	325.1	322.5
16°	325.3	327.2	330.6	331.0	332.1	332.0	329.1	328.7	325.0	324.2	321.3
16.5°	324.0	326.3	328.9	329.1	330.8	330.4	326.7	327.4	324.2	321.8	319.8
17°	321.4	324.9	326.9	327.4	330.0	328.6	327.0	326.0	321.6	320.1	318.4
17.5°	318.1	322.5	325.8	325.6	327.7	326.8	325.5	323.9	319.5	317.4	316.2
18°	318.0	321.4	323.1	324.6	326.2	326.0	323.0	321.2	317.4	315.9	313.3
18.5°	316.1	318.8	321.8	322.4	324.9	324.3	321.3	318.9	316.6	314.6	310.6
19°	314.7	317.5	319.2	320.2	322.6	321.7	318.8	316.8	315.7	311.8	309.5
19.5°	311.2	315.4	317.2	318.9	320.6	320.0	318.3	315.2	311.7	309.2	306.2
20°	309.2	313.2	314.8	317.0	319.2	317.5	315.9	313.4	310.2	306.9	305.1
20.5°	307.6	311.0	313.4	314.2	317.8	317.3	313.4	311.4	308.0	305.2	303.3
21°	306.7	309.2	311.6	312.4	315.5	315.4	310.9	309.6	305.9	302.5	300.2
21.5°	303.4	306.8	309.3	310.4	313.0	312.2	310.3	306.8	303.8	300.7	298.0
22°	301.6	304.9	307.2	309.0	311.7	311.4	307.2	305.3	301.5	297.7	296.1



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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°	298.7	302.7	304.6	307.2	309.8	308.6	306.0	303.0	298.6	296.1	292.3
23°	297.0	300.1	302.5	304.9	307.8	307.0	303.6	300.2	297.0	293.9	291.4
23.5°	295.1	297.6	300.5	302.2	305.5	304.9	301.7	297.4	295.3	292.1	289.8
24°	292.2	295.3	298.5	300.4	303.1	303.0	298.5	296.0	292.5	289.6	287.0
24.5°	289.3	292.7	295.9	298.2	300.6	299.0	294.7	294.4	290.1	287.4	284.3
25°	286.6	290.3	293.4	295.7	298.0	297.8	293.2	291.6	287.4	284.4	280.3
25.5°	284.1	287.9	291.3	293.2	295.7	295.1	290.7	289.2	285.1	282.3	277.3
26°	281.7	285.3	288.8	291.0	293.4	292.2	289.0	286.1	282.7	279.1	275.0
26.5°	278.9	282.6	286.2	288.5	291.6	290.0	286.6	283.8	280.6	277.1	273.8
27°	276.1	280.1	283.7	285.6	289.0	287.4	284.2	281.0	277.8	273.9	270.1
27.5°	274.3	277.6	280.9	283.2	286.7	284.9	281.7	278.6	274.7	270.6	267.5
28°	271.4	274.5	277.9	280.6	284.1	282.6	278.5	276.1	271.6	267.6	265.0
28.5°	268.1	271.7	275.1	278.0	281.7	280.8	276.3	272.9	269.0	264.9	262.6
29°	265.4	269.0	272.2	275.3	279.2	278.2	273.4	270.5	265.9	262.6	259.7
29.5°	262.3	266.2	269.8	272.3	276.2	275.5	271.0	267.9	263.0	259.5	257.9
30°	259.2	263.4	267.0	269.7	273.7	272.7	267.7	264.6	260.7	257.0	254.0
30.5°	256.3	260.7	263.9	267.0	270.9	269.9	265.4	261.9	258.4	254.3	250.9
31°	253.7	257.6	261.1	264.0	267.8	266.8	262.8	259.2	255.2	252.2	249.0
31.5°	251.7	254.5	258.4	261.3	264.8	264.1	260.3	256.8	252.0	248.8	245.0
32°	248.5	251.7	255.8	258.5	262.1	260.7	256.9	254.4	249.3	245.5	241.8
32.5°	245.2	248.7	252.9	255.9	259.0	257.8	254.8	251.1	246.5	243.2	238.5
33°	242.0	245.6	249.9	253.0	256.2	256.0	251.6	247.8	243.2	240.6	236.7
33.5°	239.3	242.7	247.2	249.9	252.8	253.1	248.8	245.5	240.3	237.1	233.5
34°	236.3	239.5	243.9	246.7	250.5	249.8	245.9	243.3	237.7	234.0	230.3
34.5°	233.0	236.2	240.8	243.4	247.1	247.2	242.9	240.1	234.7	230.4	226.8
35°	229.9	233.1	237.6	240.6	243.9	244.3	239.6	236.4	231.7	227.7	223.7
35.5°	227.2	230.4	234.2	237.4	241.6	241.1	236.5	233.4	228.6	224.8	220.3
36°	223.9	227.2	231.1	234.4	238.3	238.0	233.6	230.5	225.4	221.7	218.0
36.5°	220.7	224.4	228.1	231.3	235.2	235.0	230.7	226.9	222.8	218.4	214.8
37°	217.5	221.2	224.9	228.2	232.9	231.7	228.0	224.4	219.6	215.3	212.0
37.5°	214.2	218.0	222.0	225.1	229.6	228.4	225.0	221.5	216.6	212.4	208.1
38°	211.3	215.2	219.0	222.1	226.9	225.6	221.7	218.6	213.5	209.1	205.5
38.5°	208.2	212.0	215.7	219.1	223.7	222.7	218.3	215.2	210.4	205.9	202.4
39°	205.0	208.8	212.5	215.9	220.3	219.6	215.5	211.9	207.4	202.8	199.6
39.5°	201.8	205.4	209.5	212.7	217.0	216.4	212.4	208.9	204.2	199.9	196.7
40°	198.4	202.2	206.6	209.5	213.7	213.1	208.6	205.6	201.0	197.1	193.4
40.5°	195.2	198.9	203.3	206.2	210.2	209.7	205.3	202.6	198.1	194.1	191.3
41°	192.0	195.6	199.9	202.9	206.8	206.5	202.3	199.6	195.0	190.9	186.7
41.5°	188.7	192.0	196.7	199.6	203.9	203.3	199.6	196.5	191.9	187.9	183.9
42°	185.5	188.7	193.4	196.4	200.8	200.0	196.6	193.0	188.7	184.7	180.7
42.5°	182.2	185.6	190.1	193.1	197.4	196.4	193.4	190.2	185.5	181.4	177.7
43°	179.1	182.0	186.7	190.0	194.2	193.3	189.7	186.7	182.1	178.1	174.4
43.5°	175.6	178.8	183.0	186.6	190.9	190.1	186.8	183.4	178.7	174.8	171.4
44°	172.4	175.4	179.6	183.1	187.4	186.8	183.5	180.1	175.5	171.4	168.0
44.5°	169.0	171.9	175.9	179.5	183.6	183.6	180.3	176.8	172.2	168.2	164.8



TEST NUMBER: P565407

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	165.4	168.3	172.1	176.0	179.8	179.7	177.1	173.4	168.9	164.9	161.6
45.5°	162.0	164.9	168.4	172.4	176.4	176.3	173.7	170.1	165.4	161.7	158.3
46°	158.3	161.4	165.1	168.7	172.7	172.9	170.5	166.8	162.2	158.2	154.9
46.5°	154.8	157.9	161.6	165.1	169.4	169.2	166.8	163.8	158.7	155.1	151.4
47°	151.3	154.4	158.1	161.5	165.8	165.7	163.2	160.0	155.4	151.7	147.8
47.5°	147.5	150.9	154.7	157.8	162.0	162.0	159.7	156.7	151.8	148.3	144.6
48°	143.8	147.3	151.2	154.4	158.3	158.2	156.2	153.1	148.3	144.4	141.2
48.5°	140.3	143.5	147.5	151.0	154.9	154.8	152.6	149.8	145.0	141.0	137.8
49°	136.7	139.7	143.8	147.4	151.3	151.1	148.6	146.3	141.5	137.5	134.0
49.5°	133.0	136.1	140.0	143.9	147.5	147.7	145.1	142.7	138.0	134.0	130.6
50°	129.5	132.4	136.3	140.0	143.7	144.1	141.7	139.0	134.5	130.4	126.7
50.5°	125.8	128.7	132.8	136.3	140.2	140.2	138.0	135.5	130.9	126.8	123.1
51°	122.3	125.1	129.1	132.8	136.3	136.8	134.1	132.1	127.5	123.4	119.7
51.5°	118.8	121.7	125.4	129.0	132.9	132.9	130.7	128.5	124.1	119.9	116.3
52°	115.1	118.2	121.8	125.5	129.3	129.2	127.1	124.6	120.6	116.2	113.0
52.5°	111.6	114.7	118.3	122.2	125.5	125.7	123.6	121.1	117.0	112.9	109.3
53°	108.0	111.2	114.8	118.7	122.0	122.2	120.1	117.6	113.5	109.6	106.0
53.5°	104.6	107.5	111.3	115.0	118.6	118.5	116.4	114.1	109.6	105.9	102.2
54°	101.1	104.1	107.9	111.5	114.6	114.9	112.7	110.6	106.2	102.2	98.8
54.5°	97.7	100.8	104.5	108.1	111.3	111.5	109.2	107.1	102.9	99.0	95.6
55°	94.2	97.5	101.1	104.5	107.7	108.0	106.0	103.5	99.7	95.8	92.4
55.5°	90.9	94.1	97.7	101.0	104.1	104.5	102.6	100.2	96.4	92.6	89.3
56°	87.6	90.6	94.3	97.7	100.6	100.9	99.2	96.9	93.0	89.3	85.9
56.5°	84.4	87.3	90.9	94.3	97.2	97.6	95.8	93.6	89.8	86.0	82.7
57°	81.0	84.0	87.6	91.0	93.9	94.2	92.5	90.3	86.7	82.9	79.5
57.5°	77.7	80.7	84.4	87.7	90.8	90.9	89.4	87.0	83.5	79.6	76.4
58°	74.5	77.5	81.0	84.4	87.6	87.6	86.2	83.8	80.3	76.5	73.5
58.5°	71.3	74.4	77.8	81.1	84.3	84.3	83.0	80.5	77.1	73.5	70.7
59°	68.1	71.0	74.6	77.8	81.0	81.1	79.6	77.4	73.8	70.6	67.6
59.5°	65.0	67.9	71.3	74.5	77.7	77.9	76.3	74.2	70.8	67.5	64.8
60°	62.1	64.8	68.0	71.3	74.5	74.9	73.3	71.3	67.9	64.8	62.1
60.5°	59.2	62.0	65.0	68.1	71.3	71.9	70.3	68.2	65.0	62.0	59.3
61°	56.4	59.1	62.1	64.8	68.2	68.7	67.3	65.2	62.1	59.3	56.5
61.5°	53.9	56.4	59.2	61.6	65.2	65.7	64.3	62.4	59.4	56.6	54.0
62°	51.2	53.8	56.5	58.9	62.2	62.9	61.4	59.6	56.7	54.0	51.4
62.5°	48.6	51.1	53.8	56.2	59.3	59.8	58.6	56.9	54.2	51.3	49.1
63°	46.0	48.5	51.1	53.4	56.6	56.9	55.8	54.2	51.5	48.9	46.6
63.5°	43.6	46.0	48.5	50.7	53.7	54.2	53.3	51.4	48.9	46.5	44.3
64°	41.2	43.5	45.9	48.0	50.9	51.4	50.5	49.0	46.4	44.1	42.0
64.5°	39.1	41.2	43.5	45.4	48.2	48.8	48.0	46.4	44.0	41.9	39.9
65°	36.8	39.1	41.1	42.8	45.7	46.2	45.5	44.1	41.8	39.6	37.7
65.5°	34.8	36.7	38.8	40.4	43.1	43.7	43.1	41.7	39.6	37.6	35.7
66°	32.7	34.6	36.4	38.0	40.7	41.4	40.7	39.4	37.3	35.4	33.8
66.5°	30.8	32.5	34.2	35.9	38.2	38.9	38.4	37.2	35.3	33.4	31.9
67°	28.9	30.5	32.2	33.7	36.0	36.7	36.1	35.2	33.2	31.6	30.1



TEST NUMBER: P565407
 CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	27.1	28.7	30.2	31.6	33.8	34.6	34.0	32.9	31.4	29.9	28.3
68°	25.4	26.9	28.4	29.6	31.7	32.4	32.0	31.1	29.6	28.1	26.7
68.5°	23.8	25.3	26.6	27.8	29.7	30.3	30.1	29.2	27.8	26.4	25.2
69°	22.5	23.6	24.9	26.0	27.8	28.5	28.2	27.4	26.1	24.8	23.7
69.5°	21.1	22.3	23.3	24.3	25.9	26.6	26.4	25.7	24.5	23.4	22.3
70°	19.7	20.9	22.0	22.8	24.3	24.8	24.8	24.2	23.0	22.0	21.2
70.5°	18.5	19.4	20.6	21.4	22.6	23.2	23.2	22.6	21.8	20.9	20.0
71°	17.4	18.3	19.3	20.1	21.3	21.8	21.8	21.4	20.5	19.6	18.8
71.5°	16.2	17.1	18.0	18.8	19.8	20.5	20.4	20.0	19.2	18.4	17.7
72°	15.3	16.0	16.8	17.6	18.5	19.1	19.1	18.7	18.1	17.4	16.6
72.5°	14.3	15.0	15.8	16.4	17.3	17.8	17.8	17.5	17.1	16.3	15.5
73°	13.4	14.1	14.8	15.4	16.2	16.6	16.7	16.4	15.9	15.3	14.7
73.5°	12.7	13.2	13.8	14.4	15.0	15.5	15.6	15.4	14.9	14.3	13.7
74°	11.9	12.4	13.0	13.6	14.1	14.5	14.6	14.4	14.0	13.5	13.0
74.5°	11.3	11.7	12.2	12.7	13.1	13.5	13.6	13.5	13.1	12.7	12.1
75°	10.6	11.0	11.4	12.0	12.2	12.6	12.9	12.8	12.3	12.0	11.4
75.5°	10.0	10.3	10.8	11.3	11.5	11.8	12.0	12.0	11.6	11.2	10.8
76°	9.4	9.7	10.2	10.6	10.8	11.1	11.3	11.1	10.9	10.5	10.1
76.5°	8.9	9.2	9.6	10.0	10.1	10.3	10.6	10.5	10.2	9.9	9.5
77°	8.5	8.7	9.0	9.4	9.5	9.8	9.9	9.9	9.8	9.4	9.0
77.5°	7.9	8.2	8.5	8.9	8.9	9.2	9.3	9.3	9.1	8.8	8.4
78°	7.5	7.7	8.0	8.5	8.4	8.9	8.8	8.8	8.6	8.3	7.9
78.5°	7.0	7.4	7.6	7.9	7.9	8.1	8.2	8.2	7.9	7.8	7.4
79°	6.7	7.0	7.2	7.5	7.4	7.7	7.9	7.7	7.5	7.2	7.0
79.5°	6.4	6.6	6.8	7.1	6.9	7.1	7.3	7.2	6.9	6.8	6.6
80°	5.9	6.2	6.4	6.8	6.7	6.7	6.8	6.8	6.6	6.3	6.1
80.5°	5.6	5.9	6.2	6.4	6.2	6.4	6.5	6.4	6.2	6.0	5.8
81°	5.3	5.5	5.8	6.1	5.8	6.0	6.0	5.9	5.8	5.7	5.6
81.5°	4.8	5.3	5.5	5.7	5.6	5.6	5.7	5.6	5.4	5.2	5.1
82°	4.4	4.7	5.2	5.4	5.1	5.3	5.4	5.3	5.0	4.7	4.9
82.5°	4.1	4.3	4.7	5.0	4.9	4.9	5.0	4.9	4.9	4.7	4.7
83°	3.7	4.0	4.4	4.6	4.8	4.8	4.8	4.8	4.5	4.0	3.9
83.5°	3.3	3.5	4.0	4.3	4.1	4.3	4.6	4.1	3.8	3.7	3.5
84°	2.8	3.2	3.6	3.9	3.7	3.8	3.9	3.6	3.5	3.2	3.2
84.5°	2.5	2.8	3.3	3.5	3.6	3.6	3.6	3.4	3.0	2.8	2.8
85°	2.2	2.5	2.9	3.2	2.9	3.1	3.1	2.9	2.6	2.6	2.6
85.5°	1.9	2.2	2.6	2.8	2.6	2.8	2.7	2.5	2.4	2.1	2.1
86°	1.5	1.8	2.2	2.5	2.4	2.6	2.4	2.1	1.8	1.7	1.7
86.5°	1.2	1.4	2.0	2.1	1.9	2.0	2.0	1.7	1.6	1.4	1.5
87°	0.9	1.2	1.6	1.8	1.6	1.7	1.6	1.4	1.2	1.0	1.1
87.5°	0.7	0.9	1.3	1.5	1.2	1.4	1.4	1.0	0.8	0.7	0.7
88°	0.4	0.6	1.0	1.2	0.9	1.0	1.0	0.7	0.6	0.7	0.5
88.5°	0.2	0.4	0.7	0.9	0.6	0.7	0.7	0.5	0.5	0.3	0.1
89°	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.2	0.0	0.0	0.0
89.5°	0.0	0.0	0.1	0.3	0.0	0.1	0.1	0.0	0.0	0.0	0.0



TEST NUMBER: P565407
 CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.1	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	0.1
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	0.1	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	0.1	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	0.1
110°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
110.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
111.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1



TEST NUMBER: P565407
 CATALOG NUMBER: LTQL4069S1EDM-3000K-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	0.1
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
113.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1
114°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.1
114.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1
115°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.1
115.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1
116°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1
116.5°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1
117°	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.2
117.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.2
118°	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.1	0.1
118.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
119°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
119.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
120.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
121°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2
121.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.1	0.2	0.1
122°	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1
122.5°	0.0	0.0	0.0	0.0	0.2	0.1	0.1	0.1	0.2	0.2	0.3
123°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.3
123.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.2
124°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.3	0.2	0.2
124.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.2	0.2	0.2
125°	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2	0.2	0.2	0.3
125.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2	0.3	0.3	0.3
126°	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2	0.2	0.3	0.3
126.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2	0.2	0.3	0.3
127°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.3	0.3
127.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.2	0.3	0.3	0.3
128°	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.4
128.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.4
129°	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
129.5°	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
130°	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
130.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
131°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.4	0.3
131.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.4	0.3
132°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3
132.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.3	0.4	0.3	0.3
133°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.4	0.4	0.5	0.5
133.5°	0.0	0.0	0.0	0.0	0.3	0.4	0.3	0.3	0.4	0.4	0.4
134°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.4	0.4	0.4	0.4
134.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.4	0.4	0.4	0.4



TEST NUMBER: P565407

CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.4	0.4	0.4	0.4
135.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.5	0.5	0.4	0.5
136°	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.5	0.5	0.5	0.5
136.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.5	0.5	0.4	0.4
137°	0.1	0.0	0.0	0.0	0.3	0.4	0.4	0.5	0.5	0.5	0.5
137.5°	0.1	0.0	0.0	0.1	0.3	0.4	0.4	0.5	0.5	0.5	0.5
138°	0.1	0.1	0.0	0.5	0.3	0.4	0.4	0.5	0.5	0.5	0.5
138.5°	0.1	0.1	0.0	0.5	0.3	0.4	0.4	0.5	0.5	0.5	0.5
139°	0.3	0.4	0.1	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
139.5°	0.5	0.5	0.1	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6
140°	0.5	0.5	0.2	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6
140.5°	0.6	0.5	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
141°	0.5	0.6	0.7	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
141.5°	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.5	0.6	0.5	0.5
142°	0.7	0.7	0.7	0.4	0.5	0.4	0.5	0.5	0.6	0.5	0.5
142.5°	0.7	0.7	0.7	0.4	0.5	0.4	0.5	0.5	0.6	0.5	0.6
143°	0.7	0.7	0.7	0.4	0.5	0.5	0.5	0.5	0.7	0.5	0.6
143.5°	0.7	0.8	0.7	0.4	0.5	0.5	0.5	0.6	0.6	0.5	0.6
144°	0.8	0.8	0.7	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.6
144.5°	0.8	0.8	0.7	0.5	0.5	0.5	0.6	0.6	0.7	0.5	0.6
145°	0.9	0.8	0.7	0.5	0.5	0.5	0.6	0.6	0.7	0.5	0.7
145.5°	0.8	0.8	0.7	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.7
146°	0.8	0.8	0.7	0.7	0.5	0.5	0.5	0.6	0.7	0.7	0.7
146.5°	0.8	0.8	0.7	0.7	0.6	0.5	0.5	0.6	0.7	0.7	0.7
147°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.7
147.5°	0.8	0.8	0.7	0.7	0.5	0.6	0.6	0.7	0.7	0.7	0.7
148°	0.8	0.8	0.7	0.7	0.5	0.6	0.7	0.7	0.7	0.7	0.7
148.5°	0.8	0.8	0.7	0.7	0.5	0.6	0.7	0.7	0.7	0.7	0.8
149°	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.8
149.5°	0.8	0.8	0.7	0.7	0.5	0.6	0.7	0.7	0.7	0.7	0.8
150°	0.8	0.8	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.8	0.8
150.5°	0.8	0.8	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8
151°	0.8	0.8	0.7	0.8	0.6	0.7	0.7	0.8	0.7	0.9	0.8
151.5°	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.9	0.7	0.9	0.8
152°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.9	0.7	0.9	0.8
152.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.9	0.8
153°	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.9	0.7	0.9	0.8
153.5°	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.7	0.9	0.8
154°	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.7	0.9	0.8
154.5°	0.8	0.8	0.7	0.7	0.8	0.7	0.8	0.9	0.7	0.9	0.8
155°	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.9	0.7	0.9	0.8
155.5°	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.9	0.7	0.9	0.8
156°	0.8	0.8	0.7	0.7	0.8	0.8	0.8	0.9	0.7	0.9	0.8
156.5°	0.8	0.8	0.7	0.7	0.8	0.9	0.8	0.9	0.7	0.9	0.8
157°	0.8	0.8	0.7	0.7	0.8	0.9	0.8	0.9	0.7	0.8	0.8



TEST NUMBER: P565407

CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P565407
CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P565407

CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	353.3	353.3	353.3	353.3	353.3	353.3
0.5°	352.9	352.7	354.3	352.1	353.0	352.7
1°	353.2	352.7	353.5	351.3	352.9	352.8
1.5°	352.7	350.1	352.8	351.0	352.9	352.6
2°	353.8	350.3	353.2	349.8	353.0	352.1
2.5°	351.8	349.7	352.0	349.5	351.7	351.2
3°	350.8	349.4	351.1	350.7	351.1	351.8
3.5°	351.9	349.2	350.4	349.1	352.4	350.7
4°	350.8	350.0	348.8	349.6	349.7	350.7
4.5°	350.6	349.2	350.3	347.4	350.3	350.0
5°	350.1	347.7	348.7	346.2	349.8	349.5
5.5°	349.0	346.0	348.2	346.5	348.8	350.1
6°	348.0	346.3	347.8	345.5	346.9	347.6
6.5°	346.3	344.5	347.1	346.0	347.9	347.6
7°	345.3	342.9	345.4	344.7	346.4	347.6
7.5°	344.9	342.8	343.9	342.4	345.6	346.5
8°	343.9	341.5	342.9	340.7	344.5	345.8
8.5°	342.4	340.5	343.1	339.0	343.9	344.8
9°	341.5	338.8	340.6	340.4	342.4	343.1
9.5°	340.5	337.1	339.0	339.7	342.3	342.9
10°	340.0	335.2	339.0	338.1	340.3	341.7
10.5°	338.0	334.1	337.6	337.7	339.1	341.2
11°	335.4	332.8	336.2	336.9	338.2	339.0
11.5°	334.8	331.8	334.0	334.0	336.8	337.9
12°	334.2	331.1	333.2	333.4	335.6	336.9
12.5°	332.0	329.8	330.7	332.2	334.5	335.0
13°	330.3	327.5	329.8	329.1	333.3	334.8
13.5°	328.6	325.9	328.0	327.2	331.8	333.8
14°	327.2	324.3	326.4	326.9	329.7	332.1
14.5°	324.5	323.3	323.8	324.5	327.9	329.7
15°	323.0	321.3	322.3	323.5	326.4	328.6
15.5°	321.5	319.1	320.6	322.4	325.0	327.0
16°	319.6	317.1	319.0	320.4	322.7	325.3
16.5°	318.7	314.3	316.5	317.4	320.7	324.0
17°	316.0	313.3	314.3	315.6	319.6	321.4
17.5°	313.9	310.9	313.0	313.4	318.2	318.1
18°	312.0	308.6	311.2	311.6	315.4	318.0
18.5°	310.6	305.4	308.8	309.5	313.8	316.1
19°	308.4	304.4	306.3	307.9	312.0	314.7
19.5°	306.1	302.5	304.5	305.8	309.2	311.2
20°	303.1	300.1	302.3	303.4	307.1	309.2
20.5°	302.2	298.2	300.4	301.2	305.2	307.6
21°	299.2	295.5	297.4	299.1	303.1	306.7
21.5°	296.8	293.0	295.3	296.8	300.8	303.4
22°	294.6	291.1	292.5	294.3	298.7	301.6



TEST NUMBER: P565407
 CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	291.7	288.3	290.5	291.9	296.1	298.7
23°	290.4	286.0	288.2	289.7	293.8	297.0
23.5°	287.4	283.0	285.7	287.2	291.4	295.1
24°	285.5	280.9	283.0	284.5	289.0	292.2
24.5°	282.6	278.3	280.2	282.0	286.4	289.3
25°	279.5	275.4	277.8	279.4	283.7	286.6
25.5°	276.6	273.0	275.2	276.7	281.0	284.1
26°	274.3	270.6	272.5	274.0	278.2	281.7
26.5°	271.3	267.6	269.4	271.2	275.5	278.9
27°	268.9	264.7	266.6	268.2	273.2	276.1
27.5°	265.9	262.0	263.3	265.5	270.6	274.3
28°	263.8	259.2	261.0	262.9	267.7	271.4
28.5°	261.0	256.6	258.4	260.2	264.7	268.1
29°	258.0	253.7	255.8	257.2	262.0	265.4
29.5°	255.5	250.6	252.7	254.5	259.1	262.3
30°	252.2	247.7	249.9	251.6	256.5	259.2
30.5°	248.8	244.8	246.9	248.5	253.5	256.3
31°	245.8	241.6	244.0	245.8	250.5	253.7
31.5°	243.3	238.6	240.8	243.0	247.4	251.7
32°	240.2	235.6	237.8	240.3	244.6	248.5
32.5°	237.2	232.7	234.7	237.4	241.5	245.2
33°	233.9	229.6	231.7	234.3	238.6	242.0
33.5°	231.5	227.0	229.1	231.1	235.7	239.3
34°	228.9	223.8	226.3	227.9	232.6	236.3
34.5°	225.8	220.6	223.3	224.8	229.4	233.0
35°	222.0	217.7	220.0	221.9	226.4	229.9
35.5°	218.8	214.7	217.1	218.9	223.7	227.2
36°	216.2	211.8	214.0	215.7	220.5	223.9
36.5°	212.9	208.7	210.8	212.6	217.5	220.7
37°	209.6	205.5	207.5	209.8	214.3	217.5
37.5°	206.6	202.3	204.2	206.7	211.2	214.2
38°	203.6	199.1	201.1	203.5	208.0	211.3
38.5°	200.3	195.9	197.9	200.4	204.8	208.2
39°	197.4	192.8	194.9	197.2	201.7	205.0
39.5°	194.1	189.8	191.7	194.2	198.5	201.8
40°	191.1	186.7	188.6	190.9	195.1	198.4
40.5°	187.7	183.6	185.6	188.0	191.8	195.2
41°	184.4	180.6	182.5	184.8	188.7	192.0
41.5°	181.4	177.2	179.3	181.5	185.4	188.7
42°	178.5	174.0	176.0	178.1	182.1	185.5
42.5°	175.5	171.0	172.8	174.9	178.9	182.2
43°	172.2	167.8	169.5	171.6	175.6	179.1
43.5°	169.1	164.5	166.3	168.3	172.4	175.6
44°	165.9	161.3	163.0	164.8	169.0	172.4
44.5°	162.6	158.1	159.7	161.6	165.7	169.0



TEST NUMBER: P565407

CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	159.4	154.8	156.4	158.2	162.2	165.4
45.5°	156.0	151.7	153.2	154.9	158.7	162.0
46°	152.7	148.5	149.7	151.5	155.2	158.3
46.5°	148.9	145.1	146.1	147.7	151.7	154.8
47°	145.4	141.5	142.6	144.1	148.2	151.3
47.5°	142.0	138.0	139.1	140.7	144.5	147.5
48°	138.6	134.5	135.5	137.1	140.8	143.8
48.5°	134.8	131.0	132.1	133.7	137.3	140.3
49°	131.2	127.5	128.4	130.0	133.6	136.7
49.5°	127.9	124.0	124.9	126.3	130.0	133.0
50°	124.4	120.6	121.4	122.7	126.3	129.5
50.5°	120.9	117.3	117.8	119.1	123.0	125.8
51°	117.4	113.7	114.3	115.5	119.4	122.3
51.5°	113.7	110.3	110.9	111.9	115.8	118.8
52°	110.0	106.8	107.2	108.5	112.3	115.1
52.5°	106.6	103.5	103.8	105.3	108.7	111.6
53°	103.0	100.0	100.3	102.0	105.2	108.0
53.5°	99.7	96.7	97.0	98.6	101.8	104.6
54°	96.4	93.3	93.6	95.0	98.3	101.1
54.5°	93.2	90.0	90.3	91.7	94.9	97.7
55°	90.0	86.8	87.1	88.3	91.6	94.2
55.5°	86.8	83.5	83.7	85.1	88.3	90.9
56°	83.5	80.3	80.5	81.9	85.0	87.6
56.5°	80.4	76.9	77.4	78.6	81.8	84.4
57°	77.3	73.8	74.1	75.3	78.5	81.0
57.5°	74.2	70.8	71.0	72.2	75.2	77.7
58°	71.4	68.0	68.2	69.0	72.1	74.5
58.5°	68.4	65.1	65.2	66.2	68.8	71.3
59°	65.4	62.2	62.4	63.4	65.8	68.1
59.5°	62.8	59.5	59.7	60.4	62.8	65.0
60°	60.0	56.8	56.9	57.7	60.0	62.1
60.5°	57.2	54.4	54.4	55.2	57.1	59.2
61°	54.8	51.8	51.7	52.4	54.5	56.4
61.5°	52.2	49.4	49.2	49.8	51.8	53.9
62°	49.8	47.1	46.8	47.4	49.3	51.2
62.5°	47.3	44.6	44.5	44.9	46.8	48.6
63°	45.0	42.3	42.1	42.6	44.3	46.0
63.5°	42.7	40.2	39.9	40.3	41.9	43.6
64°	40.5	38.2	37.9	38.2	39.7	41.2
64.5°	38.4	36.1	35.9	36.1	37.4	39.1
65°	36.3	34.2	33.9	34.1	35.3	36.8
65.5°	34.4	32.4	32.0	32.2	33.3	34.8
66°	32.3	30.6	30.3	30.4	31.3	32.7
66.5°	30.7	28.8	28.6	28.6	29.4	30.8
67°	28.8	27.4	26.9	26.9	27.7	28.9



TEST NUMBER: P565407
 CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	27.4	25.8	25.4	25.3	26.0	27.1
68°	25.7	24.3	23.9	23.8	24.4	25.4
68.5°	24.1	22.9	22.7	22.6	22.9	23.8
69°	22.7	21.8	21.4	21.2	21.7	22.5
69.5°	21.7	20.6	20.1	20.0	20.4	21.1
70°	20.5	19.3	19.0	18.8	19.1	19.7
70.5°	19.2	18.4	17.9	17.6	17.9	18.5
71°	18.0	17.2	16.8	16.5	16.9	17.4
71.5°	17.0	16.2	15.8	15.5	15.9	16.2
72°	15.9	15.3	14.9	14.7	14.9	15.3
72.5°	14.9	14.4	14.0	13.8	14.0	14.3
73°	14.0	13.6	13.2	13.0	13.2	13.4
73.5°	13.2	12.8	12.6	12.3	12.4	12.7
74°	12.4	12.1	11.8	11.6	11.7	11.9
74.5°	11.6	11.5	11.1	10.9	11.0	11.3
75°	10.9	10.8	10.5	10.3	10.4	10.6
75.5°	10.3	10.2	9.9	9.7	9.8	10.0
76°	9.9	9.7	9.4	9.2	9.3	9.4
76.5°	9.1	9.1	8.9	8.7	8.8	8.9
77°	8.6	8.5	8.4	8.3	8.3	8.5
77.5°	8.1	8.1	7.9	7.8	7.8	7.9
78°	7.7	7.7	7.5	7.3	7.5	7.5
78.5°	7.1	7.3	7.1	7.0	7.0	7.0
79°	6.8	6.8	6.8	6.7	6.7	6.7
79.5°	6.3	6.5	6.4	6.3	6.3	6.4
80°	5.9	6.2	6.1	6.0	6.0	5.9
80.5°	5.7	5.8	5.7	5.6	5.5	5.6
81°	5.2	5.4	5.3	5.3	5.2	5.3
81.5°	4.9	5.0	4.9	4.8	4.8	4.8
82°	4.9	4.7	4.5	4.4	4.4	4.4
82.5°	4.1	4.3	4.2	4.1	3.9	4.1
83°	3.8	3.9	3.8	3.7	3.5	3.7
83.5°	3.4	3.5	3.4	3.3	3.2	3.3
84°	3.0	3.2	3.0	2.9	2.8	2.8
84.5°	2.6	2.8	2.7	2.6	2.5	2.5
85°	2.2	2.4	2.3	2.2	2.1	2.2
85.5°	1.8	2.1	2.0	1.9	1.7	1.9
86°	1.6	1.7	1.6	1.6	1.4	1.5
86.5°	1.2	1.4	1.3	1.3	1.1	1.2
87°	0.9	1.1	1.0	1.0	0.9	0.9
87.5°	0.5	0.7	0.7	0.6	0.5	0.7
88°	0.4	0.5	0.3	0.3	0.3	0.4
88.5°	0.0	0.1	0.1	0.1	0.1	0.2
89°	0.0	0.1	0.1	0.1	0.0	0.1
89.5°	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P565407
 CATALOG NUMBER: LTQL4069S1EDM-3000K-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°	0.1	0.0	0.0	0.0	0.0	0.0
105.5°	0.1	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: P565407
 CATALOG NUMBER: LTQL4069S1EDM-3000K-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°	0.1	0.0	0.0	0.0	0.0	0.0
113.5°	0.1	0.0	0.0	0.0	0.0	0.0
114°	0.1	0.0	0.0	0.0	0.0	0.0
114.5°	0.1	0.0	0.0	0.0	0.0	0.0
115°	0.1	0.0	0.0	0.0	0.0	0.0
115.5°	0.1	0.0	0.0	0.0	0.0	0.0
116°	0.1	0.0	0.0	0.0	0.0	0.0
116.5°	0.1	0.0	0.0	0.0	0.0	0.0
117°	0.1	0.0	0.0	0.0	0.0	0.0
117.5°	0.1	0.0	0.0	0.0	0.0	0.0
118°	0.1	0.0	0.0	0.0	0.0	0.0
118.5°	0.1	0.0	0.0	0.0	0.0	0.0
119°	0.1	0.0	0.0	0.0	0.0	0.0
119.5°	0.1	0.0	0.0	0.0	0.0	0.0
120°	0.1	0.0	0.0	0.0	0.0	0.0
120.5°	0.1	0.0	0.0	0.0	0.0	0.0
121°	0.1	0.0	0.0	0.0	0.0	0.0
121.5°	0.2	0.0	0.0	0.0	0.0	0.0
122°	0.2	0.0	0.0	0.0	0.0	0.0
122.5°	0.3	0.0	0.0	0.0	0.0	0.0
123°	0.3	0.0	0.0	0.0	0.0	0.0
123.5°	0.3	0.0	0.0	0.0	0.0	0.0
124°	0.3	0.0	0.0	0.0	0.0	0.0
124.5°	0.3	0.0	0.0	0.0	0.0	0.0
125°	0.3	0.0	0.0	0.0	0.0	0.0
125.5°	0.3	0.0	0.0	0.0	0.0	0.0
126°	0.3	0.0	0.0	0.0	0.0	0.0
126.5°	0.3	0.0	0.0	0.0	0.0	0.0
127°	0.3	0.0	0.0	0.0	0.0	0.0
127.5°	0.3	0.0	0.0	0.0	0.0	0.0
128°	0.3	0.0	0.0	0.0	0.0	0.0
128.5°	0.3	0.0	0.0	0.0	0.0	0.0
129°	0.3	0.0	0.0	0.0	0.0	0.0
129.5°	0.3	0.0	0.0	0.0	0.0	0.0
130°	0.3	0.0	0.0	0.0	0.0	0.0
130.5°	0.3	0.0	0.0	0.0	0.0	0.0
131°	0.4	0.0	0.0	0.0	0.0	0.0
131.5°	0.4	0.0	0.0	0.0	0.0	0.0
132°	0.4	0.0	0.0	0.0	0.0	0.0
132.5°	0.5	0.0	0.0	0.0	0.0	0.0
133°	0.4	0.0	0.0	0.0	0.0	0.0
133.5°	0.5	0.0	0.0	0.0	0.0	0.0
134°	0.5	0.0	0.0	0.0	0.0	0.0
134.5°	0.4	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P565407
 CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.5	0.0	0.0	0.0	0.0	0.0
135.5°	0.5	0.0	0.0	0.0	0.0	0.0
136°	0.5	0.0	0.1	0.0	0.3	0.0
136.5°	0.5	0.0	0.4	0.0	0.3	0.0
137°	0.5	0.0	0.4	0.0	0.4	0.1
137.5°	0.5	0.0	0.3	0.0	0.5	0.1
138°	0.5	0.0	0.4	0.1	0.5	0.1
138.5°	0.5	0.1	0.4	0.1	0.5	0.1
139°	0.6	0.1	0.4	0.1	0.5	0.3
139.5°	0.6	0.1	0.5	0.3	0.5	0.5
140°	0.5	0.2	0.5	0.3	0.6	0.5
140.5°	0.5	0.2	0.5	0.3	0.5	0.6
141°	0.6	0.3	0.5	0.3	0.5	0.5
141.5°	0.6	0.3	0.5	0.4	0.5	0.7
142°	0.6	0.2	0.5	0.5	0.7	0.7
142.5°	0.6	0.2	0.5	0.7	0.7	0.7
143°	0.6	0.4	0.6	0.6	0.7	0.7
143.5°	0.6	0.5	0.6	0.8	0.7	0.7
144°	0.6	0.5	0.7	0.8	0.8	0.8
144.5°	0.6	0.5	0.6	0.8	0.8	0.8
145°	0.7	0.7	0.6	0.7	0.7	0.9
145.5°	0.6	0.7	0.7	0.8	0.7	0.8
146°	0.6	0.7	0.7	0.9	0.7	0.8
146.5°	0.7	0.7	0.7	0.9	0.7	0.8
147°	0.7	0.7	0.7	0.9	0.7	0.8
147.5°	0.7	0.8	0.7	0.9	0.7	0.8
148°	0.7	0.8	0.7	0.9	0.7	0.8
148.5°	0.7	0.7	0.7	0.9	0.7	0.8
149°	0.7	0.7	0.8	0.9	0.7	0.8
149.5°	0.7	0.7	0.8	0.9	0.7	0.8
150°	0.7	0.7	0.8	0.9	0.7	0.8
150.5°	0.8	0.7	0.8	0.9	0.7	0.8
151°	0.8	0.7	0.8	0.9	0.7	0.8
151.5°	0.8	0.7	0.8	0.9	0.7	0.8
152°	0.8	0.7	0.8	0.9	0.7	0.8
152.5°	0.8	0.7	0.8	0.9	0.7	0.8
153°	0.8	0.7	0.8	0.9	0.7	0.8
153.5°	0.8	0.7	0.8	0.9	0.7	0.8
154°	0.8	0.7	0.8	0.9	0.7	0.8
154.5°	0.8	0.7	0.8	0.9	0.7	0.8
155°	0.8	0.7	0.8	0.9	0.7	0.8
155.5°	0.8	0.7	0.8	0.9	0.7	0.8
156°	0.8	0.7	0.8	0.9	0.7	0.8
156.5°	0.8	0.7	0.8	0.9	0.7	0.8
157°	0.8	0.7	0.8	0.9	0.7	0.8



TEST NUMBER: P565407

CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.8	0.7	0.8	0.9	0.7	0.8
158°	0.8	0.7	0.8	0.9	0.7	0.8
158.5°	0.8	0.7	0.8	0.9	0.7	0.8
159°	0.7	0.7	0.8	0.9	0.7	0.8
159.5°	0.7	0.7	0.8	0.9	0.7	0.8
160°	0.7	0.7	0.8	0.9	0.7	0.8
160.5°	0.7	0.7	0.8	0.9	0.7	0.8
161°	0.7	0.7	0.8	0.9	0.7	0.8
161.5°	0.7	0.7	0.8	0.9	0.7	0.8
162°	0.7	0.7	0.8	0.9	0.7	0.8
162.5°	0.7	0.7	0.8	0.9	0.7	0.8
163°	0.7	0.7	0.8	0.9	0.7	0.8
163.5°	0.7	0.7	0.8	0.9	0.7	0.8
164°	0.7	0.7	0.8	0.9	0.7	0.8
164.5°	0.7	0.7	0.8	0.9	0.7	0.8
165°	0.7	0.7	0.8	0.9	0.7	0.8
165.5°	0.7	0.7	0.8	0.9	0.7	0.8
166°	0.7	0.7	0.8	0.9	0.7	0.8
166.5°	0.7	0.7	0.8	0.9	0.7	0.8
167°	0.7	0.7	0.8	0.9	0.7	0.8
167.5°	0.7	0.7	0.8	0.9	0.7	0.8
168°	0.7	0.7	0.8	0.9	0.7	0.8
168.5°	0.7	0.7	0.8	0.9	0.7	0.8
169°	0.7	0.7	0.8	0.9	0.7	0.8
169.5°	0.7	0.7	0.8	0.9	0.7	0.8
170°	0.7	0.7	0.8	0.9	0.7	0.8
170.5°	0.7	0.7	0.8	0.9	0.7	0.8
171°	0.7	0.7	0.8	0.9	0.7	0.8
171.5°	0.7	0.7	0.8	0.9	0.7	0.8
172°	0.7	0.7	0.8	0.9	0.7	0.8
172.5°	0.7	0.7	0.8	0.9	0.7	0.8
173°	0.7	0.7	0.8	0.9	0.7	0.8
173.5°	0.7	0.7	0.8	0.9	0.7	0.8
174°	0.7	0.7	0.8	0.9	0.7	0.8
174.5°	0.7	0.7	0.8	0.9	0.7	0.8
175°	0.7	0.7	0.8	0.9	0.7	0.8
175.5°	0.7	0.7	0.8	0.9	0.7	0.8
176°	0.7	0.7	0.8	0.9	0.7	0.8
176.5°	0.7	0.7	0.8	0.9	0.7	0.8
177°	0.7	0.7	0.8	0.9	0.7	0.8
177.5°	0.7	0.7	0.8	0.9	0.7	0.8
178°	0.7	0.7	0.8	0.9	0.7	0.8
178.5°	0.7	0.7	0.8	0.9	0.7	0.8
179°	0.7	0.7	0.8	0.9	0.7	0.8
179.5°	0.7	0.7	0.8	0.9	0.7	0.8



TEST NUMBER: P565407
CATALOG NUMBER: LTQL4069S1EDM-3000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.8	0.8	0.8	0.8	0.8	0.8

(END OF REPORT)