

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: P565406

Luminaire Tested: **LTQL4069S1EDM-2700K-UNIT**

Issue Date: 8/31/2021

Test Information

Test Method: LM-79-08
Report Number: P565406
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-2700K-UNIT
Description: 4in Surface Mount Downlight Fixture with Color Selectable Switch
Light Source: (16) 2700K CCT, 92 CRI LEDS
Ballast/Driver: -

Summary

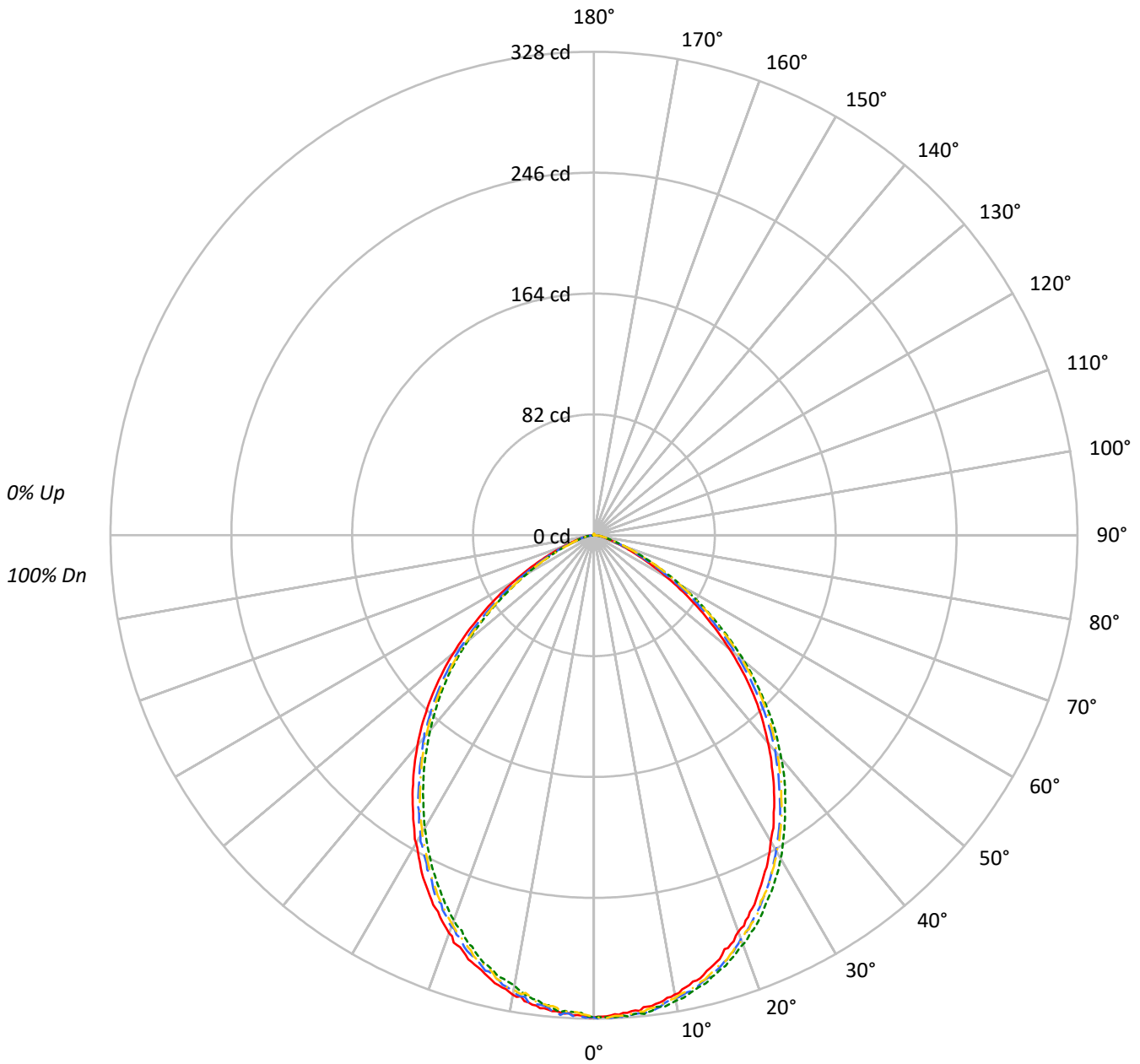
Lumens per Lamp: N/A
Luminaire Lumens: 625.0 lumens
Efficiency: N/A
Efficacy: 88.0 lumens/watt
Spacing Criteria (0/90/45): 1.11 / 1.12 / 1.2
Luminous Opening: Circular (Dia: 0.33m x H: 0m)
CIE Type: Direct

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: P565406
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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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	86	100	94	89	85	91	86	83	88	84	81	85	82	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	75	71	77	73	70	68
4	88	78	70	64	86	76	69	64	74	68	63	72	67	62	70	65	61	60
5	82	70	63	57	80	69	62	56	67	61	56	65	60	55	64	59	55	53
6	76	64	56	50	74	63	56	50	61	55	50	60	54	49	58	53	49	47
7	71	59	51	45	69	58	50	45	56	50	45	55	49	44	54	48	44	42
8	66	54	46	41	65	53	46	41	52	45	41	51	45	40	50	44	40	38
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	35
10	58	46	39	34	57	46	39	34	45	38	34	44	38	34	43	38	34	32

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	3756	3756	3756	3756
5°	3730	3756	3736	3711
10°	3689	3738	3691	3618
15°	3616	3685	3608	3536
20°	3498	3611	3511	3396
25°	3362	3495	3371	3231
30°	3182	3360	3201	3041
35°	2983	3165	3008	2824
40°	2753	2965	2789	2592
45°	2488	2702	2540	2329
50°	2142	2378	2224	1995
55°	1748	1996	1848	1609
60°	1320	1585	1444	1208
65°	926	1149	1051	861
70°	614	755	715	601
75°	439	501	506	444
80°	364	410	403	377
85°	277	356	316	303



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	4.9
10°-20°	85.6	13.7
20°-30°	122.2	19.5
30°-40°	133.6	21.4
40°-50°	119.0	19.0
50°-60°	80.6	12.9
60°-70°	37.3	6.0
70°-80°	12.0	1.9
80°-90°	2.8	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°	0.3	0.1
160°-170°	0.2	0.0
170°-180°	0.1	0.0
0°-30°	238.4	38.2
0°-40°	372.0	59.5
0°-60°	571.6	91.5
0°-90°	623.8	99.8
90°-120°	0.0	0.0
90°-150°	0.6	0.1
90°-180°	1.0	0.2
0°-180°	625.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	327	327	327	327	327	
5°	324	326	324	322	324	31
15°	304	310	304	298	304	86
25°	265	276	266	255	265	122
35°	213	226	215	202	213	133
45°	153	166	156	143	153	117
55°	87	100	92	80	87	78
65°	34	42	39	32	34	35
75°	10	11	11	10	10	11
85°	2	3	2	2	2	2
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°	327.1	327.1	327.1	327.1	327.1	327.1	327.1	327.1	327.1	327.1	327.1
0.5°	326.6	327.2	327.8	327.1	326.8	327.6	327.4	326.3	327.4	326.2	327.0
1°	326.7	327.6	327.9	327.0	327.1	327.3	326.2	326.6	326.5	327.8	327.3
1.5°	326.5	327.8	327.3	326.5	327.0	327.4	327.7	327.6	325.9	326.6	326.7
2°	326.0	326.7	327.7	326.9	327.2	328.3	327.0	327.4	325.7	326.5	326.4
2.5°	325.2	326.1	327.0	328.2	327.2	327.5	326.3	326.7	326.2	326.6	326.6
3°	325.8	325.7	327.0	327.2	326.9	327.4	326.5	327.2	324.7	324.9	325.0
3.5°	324.7	325.9	327.6	327.7	326.4	327.3	326.6	327.2	325.2	327.0	324.7
4°	324.8	325.3	327.2	327.6	327.2	327.4	325.6	326.1	324.6	324.8	326.2
4.5°	324.0	327.0	326.4	327.2	326.3	327.3	325.7	324.8	323.9	323.4	324.5
5°	323.6	324.4	326.0	325.5	325.9	327.2	325.4	326.1	324.1	323.6	324.1
5.5°	324.2	324.2	325.7	326.2	325.9	326.0	324.8	325.0	323.3	323.1	322.0
6°	321.9	324.2	325.8	325.8	326.5	327.1	324.8	324.2	322.6	322.1	321.0
6.5°	321.8	323.4	325.8	325.2	325.5	325.8	323.5	323.2	323.0	321.4	320.6
7°	321.8	322.7	325.2	324.5	325.0	324.5	323.1	322.8	321.4	321.7	320.6
7.5°	320.8	322.1	324.0	323.8	322.7	323.7	323.0	322.4	321.2	320.6	320.1
8°	320.1	321.1	323.1	323.1	323.0	324.6	322.3	321.7	320.0	319.8	319.8
8.5°	319.2	320.1	321.2	322.7	323.6	323.7	320.9	321.2	319.6	318.7	316.7
9°	317.6	317.3	320.0	322.7	322.5	322.6	320.7	319.3	316.8	318.0	316.8
9.5°	317.5	318.4	319.9	322.0	321.7	323.0	319.3	318.5	317.5	317.0	316.1
10°	316.4	319.8	318.9	320.0	320.6	321.4	318.7	319.1	316.6	315.3	314.6
10.5°	315.9	317.2	318.5	319.9	320.2	321.3	317.2	317.6	315.2	315.0	313.0
11°	313.9	316.3	317.5	318.2	319.7	320.5	316.3	316.6	313.6	313.9	311.9
11.5°	312.9	314.5	316.5	315.5	318.3	318.6	315.8	315.0	313.1	312.0	311.2
12°	311.9	313.5	316.2	315.1	317.0	317.3	315.2	314.8	312.0	310.7	309.0
12.5°	310.2	312.8	315.1	316.4	315.9	316.7	314.0	313.7	311.2	309.2	307.6
13°	310.0	310.8	313.9	312.2	314.9	316.5	313.0	311.4	309.4	307.5	306.0
13.5°	309.1	310.8	312.4	311.5	314.0	313.8	311.3	310.4	308.0	306.4	304.5
14°	307.5	309.1	310.9	310.5	313.4	312.7	310.7	309.6	306.5	305.1	304.4
14.5°	305.3	307.9	310.0	310.0	311.9	311.8	309.0	308.4	304.8	304.0	302.4
15°	304.2	306.6	309.6	310.0	310.0	309.5	307.5	306.5	303.5	301.3	300.3
15.5°	302.8	304.6	307.2	308.6	309.2	308.8	305.8	305.5	302.4	301.0	298.6
16°	301.2	302.9	306.1	306.4	307.5	307.4	304.7	304.4	301.0	300.2	297.5
16.5°	300.0	302.1	304.5	304.7	306.3	305.9	302.5	303.2	300.2	297.9	296.1
17°	297.6	300.9	302.7	303.1	305.5	304.3	302.8	301.8	297.7	296.4	294.8
17.5°	294.5	298.6	301.7	301.5	303.5	302.6	301.3	299.9	295.8	293.9	292.8
18°	294.5	297.6	299.1	300.6	302.0	301.9	299.1	297.4	293.9	292.5	290.1
18.5°	292.7	295.2	298.0	298.5	300.8	300.3	297.5	295.3	293.1	291.3	287.6
19°	291.4	294.0	295.6	296.5	298.7	297.9	295.1	293.3	292.3	288.7	286.6
19.5°	288.2	292.0	293.7	295.3	296.8	296.3	294.7	291.9	288.6	286.3	283.5
20°	286.3	290.0	291.5	293.5	295.5	294.0	292.5	290.2	287.3	284.2	282.5
20.5°	284.8	288.0	290.2	290.9	294.3	293.8	290.2	288.3	285.2	282.5	280.9
21°	283.9	286.3	288.5	289.3	292.1	292.1	287.8	286.7	283.2	280.1	278.0
21.5°	280.9	284.1	286.4	287.4	289.8	289.1	287.3	284.1	281.3	278.4	276.0
22°	279.3	282.3	284.5	286.1	288.6	288.4	284.5	282.7	279.1	275.7	274.2



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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°	276.6	280.3	282.1	284.5	286.9	285.8	283.3	280.5	276.4	274.2	270.7
23°	275.0	277.9	280.1	282.3	285.0	284.2	281.1	277.9	275.0	272.1	269.8
23.5°	273.2	275.6	278.2	279.8	282.8	282.4	279.3	275.4	273.4	270.4	268.4
24°	270.5	273.4	276.4	278.2	280.7	280.5	276.4	274.1	270.8	268.2	265.8
24.5°	267.9	271.0	274.0	276.1	278.3	276.8	272.8	272.6	268.6	266.1	263.2
25°	265.4	268.8	271.7	273.8	275.9	275.7	271.5	270.0	266.1	263.3	259.6
25.5°	263.1	266.6	269.7	271.5	273.8	273.2	269.2	267.8	264.0	261.4	256.8
26°	260.8	264.2	267.4	269.5	271.7	270.6	267.6	264.9	261.8	258.4	254.7
26.5°	258.2	261.7	265.0	267.1	270.0	268.5	265.4	262.7	259.8	256.6	253.5
27°	255.7	259.4	262.7	264.5	267.6	266.1	263.1	260.2	257.2	253.7	250.1
27.5°	253.9	257.1	260.1	262.2	265.4	263.8	260.8	258.0	254.4	250.5	247.7
28°	251.3	254.2	257.3	259.8	263.0	261.6	257.9	255.7	251.5	247.8	245.4
28.5°	248.2	251.6	254.7	257.4	260.8	260.0	255.8	252.7	249.0	245.3	243.2
29°	245.8	249.1	252.1	254.9	258.5	257.6	253.2	250.4	246.2	243.1	240.4
29.5°	242.9	246.5	249.8	252.1	255.7	255.1	250.9	248.1	243.5	240.3	238.8
30°	240.0	243.9	247.2	249.7	253.4	252.5	247.8	245.0	241.4	238.0	235.2
30.5°	237.3	241.4	244.4	247.2	250.9	249.9	245.7	242.5	239.3	235.5	232.3
31°	234.9	238.5	241.8	244.5	248.0	247.0	243.4	240.0	236.3	233.5	230.6
31.5°	233.1	235.7	239.2	241.9	245.2	244.6	241.0	237.8	233.3	230.3	226.9
32°	230.1	233.1	236.8	239.4	242.7	241.4	237.9	235.6	230.8	227.3	223.9
32.5°	227.1	230.3	234.1	237.0	239.8	238.7	235.9	232.5	228.3	225.2	220.9
33°	224.0	227.4	231.4	234.3	237.2	237.0	233.0	229.5	225.1	222.7	219.2
33.5°	221.6	224.8	228.9	231.4	234.1	234.3	230.4	227.3	222.5	219.5	216.2
34°	218.8	221.8	225.8	228.4	231.9	231.3	227.7	225.3	220.1	216.7	213.2
34.5°	215.8	218.7	223.0	225.4	228.8	228.9	224.9	222.3	217.3	213.3	210.0
35°	212.8	215.8	220.0	222.7	225.8	226.2	221.9	218.9	214.6	210.8	207.2
35.5°	210.3	213.3	216.9	219.8	223.7	223.2	218.9	216.1	211.7	208.1	204.0
36°	207.4	210.4	214.0	217.0	220.7	220.3	216.3	213.4	208.7	205.3	201.9
36.5°	204.3	207.8	211.2	214.2	217.8	217.6	213.6	210.0	206.3	202.3	198.9
37°	201.4	204.8	208.3	211.3	215.6	214.5	211.1	207.8	203.4	199.3	196.3
37.5°	198.3	201.8	205.6	208.5	212.6	211.5	208.4	205.0	200.6	196.7	192.7
38°	195.7	199.3	202.8	205.7	210.1	208.9	205.2	202.4	197.7	193.6	190.3
38.5°	192.8	196.3	199.7	202.8	207.1	206.2	202.1	199.3	194.8	190.7	187.5
39°	189.8	193.3	196.8	199.9	204.0	203.4	199.6	196.2	192.0	187.8	184.8
39.5°	186.8	190.2	193.9	197.0	200.9	200.4	196.7	193.4	189.1	185.1	182.1
40°	183.7	187.2	191.3	194.0	197.8	197.3	193.2	190.4	186.1	182.5	179.1
40.5°	180.8	184.2	188.2	190.9	194.7	194.2	190.1	187.6	183.4	179.8	177.2
41°	177.8	181.1	185.1	187.9	191.5	191.2	187.3	184.8	180.5	176.7	172.8
41.5°	174.7	177.8	182.1	184.8	188.8	188.2	184.8	181.9	177.7	174.0	170.3
42°	171.8	174.7	179.1	181.8	185.9	185.2	182.0	178.7	174.7	171.0	167.3
42.5°	168.7	171.8	176.0	178.8	182.8	181.9	179.1	176.1	171.7	167.9	164.5
43°	165.8	168.5	172.8	175.9	179.8	179.0	175.7	172.8	168.6	164.9	161.5
43.5°	162.6	165.5	169.5	172.8	176.7	176.0	172.9	169.8	165.5	161.9	158.7
44°	159.7	162.4	166.3	169.5	173.5	173.0	170.0	166.8	162.5	158.7	155.6
44.5°	156.5	159.2	162.8	166.2	170.0	170.0	167.0	163.7	159.5	155.8	152.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	153.2	155.9	159.4	163.0	166.4	166.4	164.0	160.6	156.4	152.7	149.6
45.5°	150.0	152.7	156.0	159.6	163.3	163.3	160.8	157.5	153.2	149.7	146.6
46°	146.6	149.4	152.9	156.2	159.9	160.1	157.8	154.4	150.2	146.5	143.5
46.5°	143.4	146.2	149.7	152.9	156.8	156.7	154.4	151.6	146.9	143.6	140.2
47°	140.1	142.9	146.4	149.5	153.5	153.4	151.2	148.1	143.9	140.4	136.9
47.5°	136.6	139.7	143.2	146.1	150.0	150.0	147.8	145.1	140.6	137.3	133.8
48°	133.2	136.4	140.0	143.0	146.6	146.5	144.6	141.7	137.3	133.7	130.7
48.5°	129.9	132.8	136.5	139.8	143.5	143.3	141.3	138.7	134.3	130.6	127.6
49°	126.5	129.4	133.1	136.5	140.1	139.9	137.6	135.4	131.1	127.3	124.1
49.5°	123.2	126.0	129.7	133.3	136.6	136.8	134.4	132.1	127.8	124.0	120.9
50°	119.9	122.6	126.2	129.6	133.1	133.5	131.2	128.7	124.5	120.8	117.4
50.5°	116.5	119.2	122.9	126.2	129.9	129.8	127.8	125.5	121.2	117.4	114.0
51°	113.2	115.8	119.6	122.9	126.2	126.7	124.2	122.3	118.1	114.2	110.8
51.5°	110.0	112.7	116.1	119.5	123.0	123.1	121.0	119.0	114.9	111.0	107.6
52°	106.6	109.5	112.8	116.2	119.8	119.6	117.7	115.4	111.7	107.6	104.6
52.5°	103.3	106.2	109.6	113.1	116.2	116.4	114.4	112.1	108.3	104.5	101.2
53°	100.0	102.9	106.3	109.9	113.0	113.1	111.2	108.9	105.1	101.5	98.1
53.5°	96.8	99.6	103.0	106.5	109.8	109.7	107.8	105.6	101.5	98.0	94.7
54°	93.6	96.4	99.9	103.2	106.1	106.4	104.4	102.4	98.3	94.6	91.5
54.5°	90.5	93.4	96.7	100.1	103.0	103.2	101.1	99.2	95.3	91.6	88.5
55°	87.3	90.2	93.6	96.8	99.7	100.0	98.1	95.8	92.3	88.7	85.6
55.5°	84.1	87.2	90.5	93.5	96.4	96.8	95.0	92.7	89.3	85.7	82.7
56°	81.1	83.8	87.3	90.4	93.1	93.5	91.8	89.8	86.2	82.6	79.5
56.5°	78.1	80.8	84.2	87.3	90.0	90.4	88.7	86.6	83.2	79.6	76.6
57°	75.0	77.8	81.1	84.3	87.0	87.3	85.7	83.6	80.2	76.7	73.6
57.5°	72.0	74.8	78.1	81.2	84.0	84.2	82.8	80.6	77.3	73.7	70.8
58°	68.9	71.7	75.0	78.2	81.1	81.1	79.8	77.6	74.3	70.8	68.1
58.5°	66.0	68.8	72.0	75.1	78.0	78.1	76.8	74.6	71.4	68.1	65.5
59°	63.1	65.8	69.1	72.1	75.0	75.1	73.7	71.7	68.4	65.4	62.6
59.5°	60.2	62.8	66.0	69.0	72.0	72.1	70.6	68.7	65.6	62.5	60.0
60°	57.5	60.0	63.0	66.0	69.0	69.3	67.9	66.0	62.9	60.0	57.5
60.5°	54.8	57.4	60.2	63.0	66.0	66.5	65.1	63.2	60.2	57.4	54.9
61°	52.2	54.8	57.5	60.0	63.1	63.7	62.3	60.4	57.5	54.9	52.3
61.5°	49.9	52.3	54.8	57.1	60.3	60.8	59.5	57.8	55.0	52.4	50.0
62°	47.4	49.8	52.3	54.5	57.6	58.2	56.9	55.2	52.5	50.0	47.6
62.5°	45.0	47.3	49.8	52.0	54.9	55.4	54.3	52.7	50.2	47.5	45.5
63°	42.6	44.9	47.4	49.4	52.4	52.7	51.7	50.1	47.7	45.2	43.1
63.5°	40.4	42.6	44.9	46.9	49.7	50.2	49.3	47.6	45.2	43.1	41.0
64°	38.1	40.3	42.5	44.5	47.1	47.6	46.8	45.3	43.0	40.9	38.9
64.5°	36.2	38.1	40.2	42.0	44.6	45.2	44.5	43.0	40.8	38.8	36.9
65°	34.1	36.2	38.0	39.6	42.3	42.8	42.1	40.8	38.7	36.7	34.9
65.5°	32.2	34.0	35.9	37.4	39.9	40.5	39.9	38.6	36.7	34.8	33.0
66°	30.3	32.0	33.7	35.2	37.6	38.3	37.7	36.5	34.6	32.8	31.3
66.5°	28.5	30.1	31.7	33.2	35.4	36.0	35.6	34.4	32.6	31.0	29.5
67°	26.8	28.2	29.8	31.2	33.3	34.0	33.4	32.5	30.8	29.2	27.9



TEST NUMBER: P565406
 CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	25.1	26.6	28.0	29.3	31.3	32.0	31.5	30.5	29.1	27.6	26.2
68°	23.6	24.9	26.3	27.4	29.3	30.0	29.7	28.8	27.4	26.0	24.7
68.5°	22.0	23.4	24.7	25.7	27.5	28.1	27.8	27.1	25.7	24.5	23.3
69°	20.8	21.9	23.0	24.1	25.7	26.4	26.1	25.4	24.2	23.0	21.9
69.5°	19.5	20.7	21.6	22.5	24.0	24.7	24.5	23.8	22.7	21.7	20.7
70°	18.3	19.4	20.4	21.1	22.5	23.0	22.9	22.4	21.3	20.4	19.6
70.5°	17.1	18.0	19.1	19.8	21.0	21.5	21.5	20.9	20.2	19.4	18.5
71°	16.1	16.9	17.9	18.6	19.8	20.2	20.2	19.8	19.0	18.1	17.4
71.5°	15.0	15.8	16.7	17.4	18.4	19.0	18.9	18.5	17.8	17.1	16.4
72°	14.1	14.8	15.6	16.3	17.1	17.7	17.7	17.3	16.7	16.1	15.4
72.5°	13.3	13.9	14.6	15.2	16.0	16.4	16.5	16.2	15.8	15.1	14.4
73°	12.5	13.0	13.7	14.2	15.0	15.3	15.5	15.2	14.8	14.1	13.6
73.5°	11.7	12.2	12.8	13.3	13.9	14.3	14.5	14.2	13.8	13.3	12.7
74°	11.0	11.5	12.0	12.6	13.0	13.4	13.5	13.3	13.0	12.5	12.1
74.5°	10.4	10.8	11.3	11.8	12.1	12.5	12.6	12.5	12.1	11.8	11.2
75°	9.9	10.1	10.6	11.1	11.3	11.7	11.9	11.8	11.4	11.2	10.6
75.5°	9.2	9.6	10.0	10.5	10.7	11.0	11.1	11.1	10.8	10.4	10.0
76°	8.7	9.0	9.5	9.8	10.0	10.2	10.4	10.3	10.1	9.8	9.4
76.5°	8.3	8.5	8.9	9.2	9.3	9.6	9.8	9.7	9.5	9.2	8.8
77°	7.8	8.0	8.3	8.7	8.8	9.1	9.2	9.2	9.0	8.7	8.3
77.5°	7.3	7.6	7.9	8.3	8.2	8.5	8.6	8.6	8.4	8.1	7.8
78°	6.9	7.2	7.4	7.8	7.8	8.2	8.1	8.2	7.9	7.7	7.3
78.5°	6.5	6.8	7.1	7.3	7.3	7.5	7.6	7.6	7.3	7.2	6.9
79°	6.2	6.4	6.7	6.9	6.8	7.1	7.3	7.2	7.0	6.7	6.5
79.5°	5.9	6.1	6.3	6.6	6.4	6.6	6.7	6.7	6.4	6.3	6.1
80°	5.5	5.8	6.0	6.3	6.2	6.2	6.3	6.3	6.1	5.9	5.7
80.5°	5.2	5.4	5.7	6.0	5.7	5.9	6.1	5.9	5.7	5.6	5.4
81°	4.9	5.1	5.4	5.7	5.3	5.5	5.6	5.5	5.3	5.3	5.2
81.5°	4.4	4.9	5.0	5.3	5.1	5.2	5.3	5.2	5.0	4.8	4.7
82°	4.1	4.4	4.9	5.0	4.7	4.9	5.0	4.9	4.6	4.4	4.5
82.5°	3.8	4.0	4.4	4.6	4.6	4.6	4.7	4.5	4.5	4.3	4.4
83°	3.4	3.7	4.1	4.3	4.5	4.5	4.5	4.5	4.2	3.7	3.6
83.5°	3.0	3.3	3.7	3.9	3.8	3.9	4.3	3.8	3.5	3.4	3.3
84°	2.6	3.0	3.3	3.6	3.4	3.5	3.6	3.3	3.3	3.0	2.9
84.5°	2.3	2.6	3.0	3.3	3.4	3.4	3.3	3.1	2.8	2.6	2.6
85°	2.1	2.3	2.7	3.0	2.7	2.9	2.9	2.7	2.4	2.4	2.4
85.5°	1.7	2.0	2.4	2.6	2.4	2.6	2.5	2.4	2.2	1.9	2.0
86°	1.4	1.6	2.1	2.3	2.2	2.4	2.2	1.9	1.7	1.6	1.6
86.5°	1.1	1.3	1.8	1.9	1.8	1.9	1.9	1.6	1.5	1.3	1.4
87°	0.9	1.1	1.5	1.6	1.4	1.5	1.5	1.3	1.1	0.9	1.0
87.5°	0.6	0.9	1.2	1.4	1.1	1.3	1.3	0.9	0.7	0.6	0.6
88°	0.4	0.6	0.9	1.1	0.8	0.9	0.9	0.6	0.5	0.6	0.4
88.5°	0.2	0.4	0.6	0.8	0.5	0.7	0.7	0.5	0.5	0.2	0.1
89°	0.1	0.2	0.4	0.5	0.4	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: P565406
 CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.1	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: P565406
 CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
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	0.2
123°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2
123.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2
124°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2
124.5°	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	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	0.2
125.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2	0.2	0.3	0.2
126°	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2	0.2	0.3	0.2
126.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.1	0.2	0.2	0.2	0.2
127°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.3
127.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.2
128°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.4
128.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.4
129°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.2	0.3
129.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.3
130°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.3
130.5°	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.2	0.3	0.2	0.3
131°	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.2	0.3	0.4	0.3
131.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.3	0.4	0.3
132°	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.3	0.3	0.3
132.5°	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.4	0.3	0.3
133°	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.4	0.4	0.4	0.4
133.5°	0.0	0.0	0.0	0.0	0.2	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: P565406

CATALOG NUMBER: LTQL4069S1EDM-2700K-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	0.4	0.4	0.4	0.4
136°	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.4	0.4	0.4	0.4
136.5°	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.4	0.4	0.4	0.4
137°	0.1	0.0	0.0	0.0	0.3	0.4	0.4	0.4	0.4	0.5	0.5
137.5°	0.1	0.0	0.0	0.1	0.3	0.4	0.4	0.5	0.4	0.5	0.5
138°	0.1	0.1	0.0	0.4	0.3	0.4	0.4	0.5	0.4	0.4	0.5
138.5°	0.1	0.1	0.0	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
139°	0.2	0.4	0.1	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
139.5°	0.5	0.4	0.1	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
140°	0.5	0.4	0.2	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
140.5°	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
141°	0.5	0.5	0.6	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
141.5°	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
142°	0.6	0.6	0.6	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.5
142.5°	0.6	0.7	0.6	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
143°	0.6	0.7	0.7	0.4	0.4	0.5	0.5	0.4	0.6	0.5	0.5
143.5°	0.6	0.7	0.7	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
144°	0.7	0.7	0.6	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5
144.5°	0.7	0.7	0.6	0.4	0.4	0.5	0.5	0.5	0.6	0.5	0.5
145°	0.8	0.7	0.6	0.5	0.4	0.5	0.5	0.5	0.6	0.5	0.6
145.5°	0.7	0.7	0.6	0.5	0.4	0.5	0.5	0.5	0.6	0.6	0.6
146°	0.7	0.7	0.6	0.6	0.4	0.5	0.5	0.5	0.7	0.7	0.6
146.5°	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.7	0.7	0.6
147°	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.7	0.6	0.6	0.7
147.5°	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.7
148°	0.7	0.7	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.6
148.5°	0.7	0.7	0.7	0.6	0.5	0.5	0.6	0.6	0.7	0.7	0.7
149°	0.7	0.7	0.7	0.6	0.5	0.6	0.6	0.6	0.7	0.7	0.7
149.5°	0.7	0.7	0.7	0.6	0.5	0.5	0.6	0.7	0.7	0.7	0.7
150°	0.7	0.7	0.7	0.6	0.6	0.5	0.6	0.7	0.7	0.7	0.7
150.5°	0.7	0.7	0.7	0.7	0.6	0.7	0.6	0.7	0.7	0.7	0.7
151°	0.7	0.7	0.7	0.7	0.5	0.6	0.6	0.7	0.7	0.8	0.7
151.5°	0.7	0.7	0.7	0.7	0.5	0.6	0.6	0.8	0.7	0.8	0.7
152°	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.8	0.7	0.8	0.7
152.5°	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.8	0.7
153°	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.8	0.7	0.8	0.7
153.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.8	0.7	0.8	0.7
154°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.7
154.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.7
155°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.9	0.7
155.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.7
156°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.7
156.5°	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.8	0.7	0.8	0.7
157°	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.7	0.7	0.7



TEST NUMBER: P565406

CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P565406
CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7



TEST NUMBER: P565406

CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	327.1	327.1	327.1	327.1	327.1	327.1
0.5°	326.7	326.5	328.1	326.0	326.8	326.6
1°	327.0	326.5	327.3	325.3	326.8	326.7
1.5°	326.6	324.2	326.6	325.0	326.8	326.5
2°	327.6	324.3	327.0	323.9	326.8	326.0
2.5°	325.8	323.8	325.9	323.6	325.7	325.2
3°	324.9	323.5	325.1	324.7	325.1	325.8
3.5°	325.9	323.4	324.5	323.2	326.3	324.7
4°	324.9	324.1	323.0	323.7	323.8	324.8
4.5°	324.6	323.4	324.3	321.6	324.4	324.0
5°	324.2	322.0	322.9	320.6	323.9	323.6
5.5°	323.2	320.4	322.4	320.9	322.9	324.2
6°	322.2	320.6	322.0	319.9	321.2	321.9
6.5°	320.7	319.0	321.3	320.4	322.1	321.8
7°	319.7	317.5	319.8	319.2	320.7	321.8
7.5°	319.4	317.4	318.4	317.1	320.0	320.8
8°	318.4	316.2	317.5	315.5	319.0	320.1
8.5°	317.0	315.3	317.7	313.9	318.4	319.2
9°	316.2	313.7	315.4	315.2	317.1	317.6
9.5°	315.3	312.1	313.9	314.5	317.0	317.5
10°	314.9	310.3	313.8	313.0	315.1	316.4
10.5°	312.9	309.3	312.6	312.7	314.0	315.9
11°	310.5	308.2	311.3	312.0	313.2	313.9
11.5°	310.0	307.2	309.3	309.3	311.8	312.9
12°	309.4	306.6	308.6	308.7	310.7	311.9
12.5°	307.4	305.4	306.2	307.6	309.7	310.2
13°	305.8	303.2	305.4	304.7	308.6	310.0
13.5°	304.3	301.7	303.7	302.9	307.2	309.1
14°	302.9	300.3	302.2	302.7	305.2	307.5
14.5°	300.5	299.4	299.8	300.5	303.6	305.3
15°	299.1	297.5	298.4	299.5	302.2	304.2
15.5°	297.7	295.5	296.9	298.5	300.9	302.8
16°	295.9	293.6	295.3	296.7	298.8	301.2
16.5°	295.1	291.0	293.0	293.9	297.0	300.0
17°	292.6	290.1	291.0	292.2	296.0	297.6
17.5°	290.6	287.9	289.8	290.2	294.6	294.5
18°	288.9	285.8	288.1	288.5	292.0	294.5
18.5°	287.6	282.8	285.9	286.6	290.6	292.7
19°	285.5	281.8	283.6	285.1	288.9	291.4
19.5°	283.4	280.1	282.0	283.1	286.3	288.2
20°	280.7	277.9	279.9	281.0	284.4	286.3
20.5°	279.8	276.1	278.1	278.9	282.6	284.8
21°	277.0	273.7	275.4	277.0	280.6	283.9
21.5°	274.8	271.3	273.4	274.8	278.6	280.9
22°	272.8	269.5	270.8	272.5	276.6	279.3



TEST NUMBER: P565406

CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	270.1	267.0	269.0	270.3	274.2	276.6
23°	268.9	264.8	266.9	268.2	272.0	275.0
23.5°	266.1	262.0	264.5	266.0	269.8	273.2
24°	264.4	260.1	262.1	263.4	267.6	270.5
24.5°	261.7	257.7	259.5	261.1	265.2	267.9
25°	258.8	255.0	257.2	258.7	262.6	265.4
25.5°	256.1	252.8	254.8	256.2	260.2	263.1
26°	254.0	250.6	252.3	253.7	257.6	260.8
26.5°	251.2	247.8	249.4	251.1	255.1	258.2
27°	249.0	245.1	246.9	248.3	253.0	255.7
27.5°	246.2	242.6	243.8	245.8	250.6	253.9
28°	244.2	240.0	241.7	243.4	247.9	251.3
28.5°	241.7	237.6	239.2	240.9	245.1	248.2
29°	238.9	234.9	236.8	238.2	242.6	245.8
29.5°	236.6	232.0	234.0	235.6	239.9	242.9
30°	233.5	229.4	231.4	233.0	237.5	240.0
30.5°	230.4	226.7	228.6	230.1	234.7	237.3
31°	227.6	223.7	225.9	227.6	231.9	234.9
31.5°	225.2	220.9	223.0	225.0	229.1	233.1
32°	222.4	218.1	220.2	222.5	226.5	230.1
32.5°	219.6	215.4	217.3	219.8	223.6	227.1
33°	216.5	212.6	214.6	217.0	220.9	224.0
33.5°	214.3	210.2	212.1	214.0	218.2	221.6
34°	211.9	207.2	209.5	211.1	215.3	218.8
34.5°	209.1	204.2	206.7	208.2	212.4	215.8
35°	205.5	201.5	203.7	205.5	209.7	212.8
35.5°	202.5	198.8	201.0	202.7	207.1	210.3
36°	200.2	196.1	198.2	199.7	204.2	207.4
36.5°	197.1	193.3	195.2	196.9	201.3	204.3
37°	194.1	190.3	192.1	194.3	198.5	201.4
37.5°	191.3	187.3	189.1	191.4	195.5	198.3
38°	188.5	184.3	186.2	188.4	192.5	195.7
38.5°	185.5	181.4	183.3	185.5	189.6	192.8
39°	182.8	178.5	180.4	182.6	186.7	189.8
39.5°	179.7	175.8	177.5	179.8	183.8	186.8
40°	176.9	172.9	174.7	176.7	180.7	183.7
40.5°	173.8	170.0	171.9	174.0	177.6	180.8
41°	170.8	167.2	169.0	171.1	174.7	177.8
41.5°	167.9	164.0	166.0	168.0	171.7	174.7
42°	165.3	161.1	163.0	164.9	168.6	171.8
42.5°	162.5	158.3	160.0	161.9	165.7	168.7
43°	159.5	155.3	157.0	158.9	162.6	165.8
43.5°	156.5	152.3	154.0	155.9	159.6	162.6
44°	153.6	149.3	150.9	152.6	156.5	159.7
44.5°	150.6	146.4	147.9	149.6	153.5	156.5



TEST NUMBER: P565406

CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	147.6	143.4	144.8	146.5	150.2	153.2
45.5°	144.4	140.4	141.9	143.4	146.9	150.0
46°	141.4	137.5	138.6	140.3	143.7	146.6
46.5°	137.8	134.4	135.3	136.8	140.5	143.4
47°	134.6	131.0	132.0	133.4	137.2	140.1
47.5°	131.5	127.8	128.8	130.2	133.8	136.6
48°	128.4	124.6	125.5	127.0	130.3	133.2
48.5°	124.8	121.3	122.4	123.8	127.1	129.9
49°	121.5	118.0	118.9	120.3	123.7	126.5
49.5°	118.4	114.8	115.6	116.9	120.4	123.2
50°	115.2	111.7	112.4	113.6	116.9	119.9
50.5°	111.9	108.6	109.1	110.3	113.9	116.5
51°	108.7	105.3	105.9	107.0	110.5	113.2
51.5°	105.3	102.1	102.7	103.7	107.2	110.0
52°	101.8	98.9	99.3	100.5	104.0	106.6
52.5°	98.7	95.9	96.1	97.5	100.7	103.3
53°	95.4	92.6	92.8	94.5	97.4	100.0
53.5°	92.3	89.5	89.8	91.3	94.2	96.8
54°	89.3	86.4	86.7	88.0	91.0	93.6
54.5°	86.3	83.3	83.6	84.9	87.9	90.5
55°	83.3	80.4	80.7	81.8	84.9	87.3
55.5°	80.4	77.3	77.5	78.8	81.8	84.1
56°	77.3	74.4	74.5	75.8	78.7	81.1
56.5°	74.5	71.2	71.6	72.8	75.7	78.1
57°	71.6	68.4	68.6	69.8	72.7	75.0
57.5°	68.7	65.6	65.8	66.8	69.6	72.0
58°	66.1	62.9	63.2	63.9	66.7	68.9
58.5°	63.3	60.2	60.4	61.3	63.7	66.0
59°	60.5	57.6	57.8	58.7	60.9	63.1
59.5°	58.2	55.1	55.2	56.0	58.1	60.2
60°	55.5	52.6	52.7	53.4	55.5	57.5
60.5°	52.9	50.4	50.4	51.1	52.9	54.8
61°	50.8	48.0	47.9	48.5	50.4	52.2
61.5°	48.4	45.7	45.5	46.2	48.0	49.9
62°	46.1	43.6	43.3	43.9	45.6	47.4
62.5°	43.8	41.3	41.2	41.6	43.3	45.0
63°	41.7	39.2	39.0	39.5	41.0	42.6
63.5°	39.6	37.2	37.0	37.3	38.8	40.4
64°	37.5	35.3	35.1	35.4	36.8	38.1
64.5°	35.5	33.4	33.2	33.4	34.7	36.2
65°	33.6	31.7	31.4	31.6	32.7	34.1
65.5°	31.8	30.0	29.6	29.8	30.8	32.2
66°	30.0	28.4	28.0	28.1	29.0	30.3
66.5°	28.4	26.7	26.4	26.5	27.3	28.5
67°	26.7	25.3	24.9	24.9	25.6	26.8



TEST NUMBER: P565406
 CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	25.3	23.9	23.6	23.4	24.1	25.1
68°	23.8	22.5	22.1	22.0	22.6	23.6
68.5°	22.3	21.2	21.0	20.9	21.2	22.0
69°	21.0	20.2	19.8	19.6	20.1	20.8
69.5°	20.1	19.1	18.7	18.5	18.9	19.5
70°	18.9	17.9	17.6	17.4	17.7	18.3
70.5°	17.8	17.0	16.6	16.3	16.6	17.1
71°	16.7	16.0	15.6	15.3	15.7	16.1
71.5°	15.7	15.0	14.7	14.4	14.7	15.0
72°	14.8	14.2	13.8	13.6	13.8	14.1
72.5°	13.8	13.4	13.0	12.8	12.9	13.3
73°	13.0	12.6	12.2	12.0	12.2	12.5
73.5°	12.2	11.9	11.6	11.4	11.5	11.7
74°	11.5	11.2	10.9	10.7	10.8	11.0
74.5°	10.8	10.6	10.3	10.1	10.2	10.4
75°	10.1	10.0	9.8	9.6	9.7	9.9
75.5°	9.6	9.4	9.2	9.0	9.1	9.2
76°	9.2	9.0	8.7	8.5	8.6	8.7
76.5°	8.5	8.4	8.2	8.0	8.1	8.3
77°	8.0	7.9	7.8	7.6	7.7	7.8
77.5°	7.5	7.5	7.3	7.2	7.2	7.3
78°	7.1	7.1	6.9	6.8	6.9	6.9
78.5°	6.6	6.7	6.6	6.5	6.5	6.5
79°	6.3	6.3	6.3	6.2	6.2	6.2
79.5°	5.8	6.0	6.0	5.8	5.8	5.9
80°	5.5	5.7	5.6	5.5	5.5	5.5
80.5°	5.2	5.3	5.2	5.2	5.1	5.2
81°	4.8	5.0	4.9	4.9	4.8	4.9
81.5°	4.5	4.7	4.5	4.4	4.4	4.4
82°	4.5	4.3	4.2	4.1	4.0	4.1
82.5°	3.8	4.0	3.8	3.8	3.7	3.8
83°	3.5	3.6	3.5	3.4	3.3	3.4
83.5°	3.1	3.3	3.2	3.1	2.9	3.0
84°	2.8	2.9	2.8	2.7	2.6	2.6
84.5°	2.4	2.6	2.5	2.4	2.3	2.3
85°	2.0	2.3	2.1	2.1	2.0	2.1
85.5°	1.7	2.0	1.8	1.8	1.6	1.7
86°	1.5	1.6	1.5	1.5	1.3	1.4
86.5°	1.1	1.3	1.2	1.2	1.0	1.1
87°	0.8	1.0	0.9	0.9	0.8	0.9
87.5°	0.5	0.7	0.6	0.6	0.5	0.6
88°	0.4	0.4	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: P565406
 CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.1	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: P565406
 CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.1	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°	0.2	0.0	0.0	0.0	0.0	0.0
123°	0.2	0.0	0.0	0.0	0.0	0.0
123.5°	0.2	0.0	0.0	0.0	0.0	0.0
124°	0.2	0.0	0.0	0.0	0.0	0.0
124.5°	0.2	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°	0.2	0.0	0.0	0.0	0.0	0.0
126°	0.2	0.0	0.0	0.0	0.0	0.0
126.5°	0.2	0.0	0.0	0.0	0.0	0.0
127°	0.2	0.0	0.0	0.0	0.0	0.0
127.5°	0.2	0.0	0.0	0.0	0.0	0.0
128°	0.2	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°	0.4	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°	0.4	0.0	0.0	0.0	0.0	0.0
134°	0.4	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: P565406
 CATALOG NUMBER: LTQL4069S1EDM-2700K-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°	0.4	0.0	0.1	0.0	0.3	0.0
136.5°	0.4	0.0	0.4	0.0	0.3	0.0
137°	0.4	0.0	0.4	0.0	0.4	0.1
137.5°	0.4	0.0	0.3	0.0	0.4	0.1
138°	0.5	0.0	0.4	0.1	0.4	0.1
138.5°	0.5	0.1	0.4	0.1	0.4	0.1
139°	0.5	0.1	0.4	0.1	0.4	0.2
139.5°	0.5	0.1	0.5	0.2	0.5	0.5
140°	0.5	0.2	0.5	0.2	0.5	0.5
140.5°	0.5	0.2	0.4	0.2	0.5	0.5
141°	0.5	0.2	0.4	0.3	0.5	0.5
141.5°	0.5	0.2	0.4	0.4	0.5	0.6
142°	0.5	0.2	0.5	0.5	0.7	0.6
142.5°	0.5	0.2	0.5	0.6	0.7	0.6
143°	0.5	0.4	0.5	0.5	0.7	0.6
143.5°	0.5	0.4	0.5	0.7	0.7	0.6
144°	0.5	0.4	0.6	0.7	0.7	0.7
144.5°	0.5	0.5	0.5	0.7	0.7	0.7
145°	0.6	0.7	0.5	0.7	0.7	0.8
145.5°	0.5	0.7	0.7	0.7	0.7	0.7
146°	0.5	0.7	0.6	0.8	0.7	0.7
146.5°	0.7	0.7	0.6	0.8	0.7	0.7
147°	0.7	0.7	0.6	0.8	0.7	0.7
147.5°	0.6	0.7	0.6	0.8	0.7	0.7
148°	0.6	0.7	0.7	0.8	0.7	0.7
148.5°	0.7	0.7	0.7	0.8	0.7	0.7
149°	0.7	0.7	0.7	0.8	0.7	0.7
149.5°	0.7	0.7	0.7	0.8	0.7	0.7
150°	0.7	0.7	0.7	0.8	0.7	0.7
150.5°	0.7	0.7	0.7	0.8	0.7	0.7
151°	0.7	0.7	0.7	0.8	0.7	0.7
151.5°	0.7	0.7	0.7	0.8	0.7	0.7
152°	0.7	0.7	0.7	0.8	0.7	0.7
152.5°	0.7	0.7	0.7	0.8	0.7	0.7
153°	0.7	0.7	0.7	0.8	0.7	0.7
153.5°	0.7	0.7	0.7	0.8	0.7	0.7
154°	0.7	0.7	0.7	0.8	0.7	0.7
154.5°	0.7	0.7	0.7	0.8	0.7	0.7
155°	0.7	0.7	0.7	0.8	0.7	0.7
155.5°	0.7	0.7	0.7	0.8	0.7	0.7
156°	0.7	0.7	0.7	0.8	0.7	0.7
156.5°	0.7	0.7	0.7	0.8	0.7	0.7
157°	0.7	0.7	0.7	0.8	0.7	0.7



TEST NUMBER: P565406
 CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P565406
CATALOG NUMBER: LTQL4069S1EDM-2700K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.7	0.7	0.7	0.7	0.7	0.7

(END OF REPORT)