

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: P565408

Luminaire Tested: **LTQL4069S1EDM-3500K-UNIT**

Issue Date: 8/31/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P565408  
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-3500K-UNIT  
Description: 4in Surface Mount Downlight Fixture with Color Selectable Switch  
Light Source: (16) 3500K CCT, 94 CRI LEDS  
Ballast/Driver: -

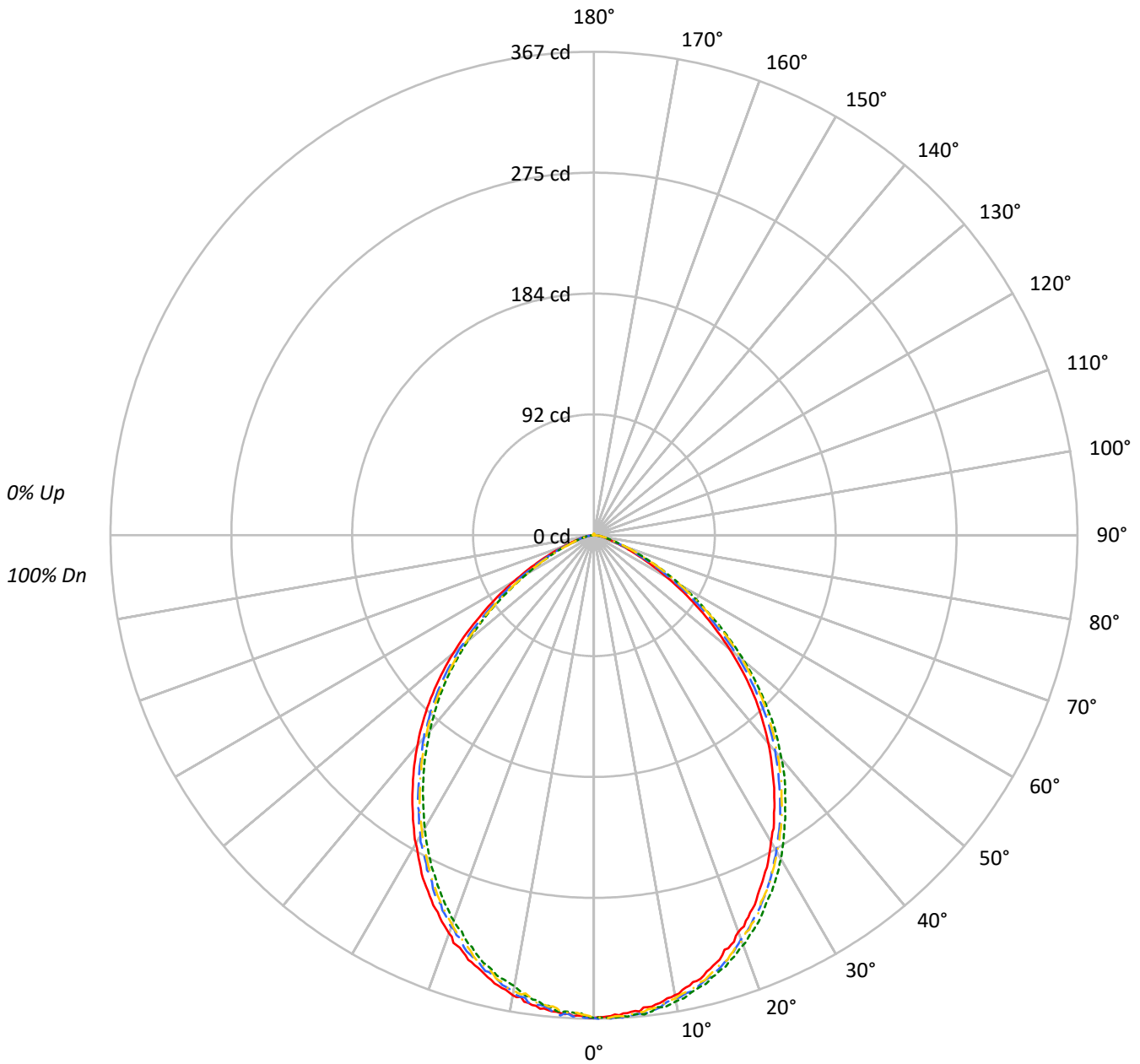
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 700.0 lumens  
Efficiency: N/A  
Efficacy: 97.2 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): 7.2  
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: P565408  
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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°	4207	4207	4207	4207
5°	4177	4207	4184	4156
10°	4132	4187	4134	4053
15°	4051	4127	4040	3961
20°	3917	4044	3931	3804
25°	3765	3915	3775	3618
30°	3564	3763	3584	3406
35°	3342	3545	3368	3164
40°	3085	3322	3125	2903
45°	2786	3027	2843	2608
50°	2399	2662	2492	2235
55°	1956	2234	2070	1802
60°	1479	1773	1617	1353
65°	1038	1288	1176	964
70°	688	846	802	675
75°	488	563	568	497
80°	403	456	450	423
85°	303	408	356	329



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.4	4.9
10°-20°	95.8	13.7
20°-30°	136.8	19.5
30°-40°	149.6	21.4
40°-50°	133.3	19.0
50°-60°	90.2	12.9
60°-70°	41.8	6.0
70°-80°	13.5	1.9
80°-90°	3.1	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
<b>0°-30°</b>	<b>267.1</b>	<b>38.2</b>
<b>0°-40°</b>	<b>416.6</b>	<b>59.5</b>
<b>0°-60°</b>	<b>640.2</b>	<b>91.5</b>
<b>0°-90°</b>	<b>698.6</b>	<b>99.8</b>
90°-120°	0.0	0.0
90°-150°	0.7	0.1
<b>90°-180°</b>	<b>1.0</b>	<b>0.1</b>
<b>0°-180°</b>	<b>700.0</b>	<b>100.0</b>

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	366	366	366	366	366	
5°	362	365	363	361	362	34
15°	341	347	340	333	341	96
25°	297	309	298	286	297	137
35°	238	253	240	226	238	149
45°	172	186	175	161	172	132
55°	98	112	103	90	98	88
65°	38	47	43	36	38	39
75°	11	13	13	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°	366.4	366.4	366.4	366.4	366.4	366.4	366.4	366.4	366.4	366.4	366.4
0.5°	365.8	366.5	367.1	366.4	366.1	366.9	366.7	365.4	366.6	365.3	366.2
1°	365.9	366.9	367.2	366.2	366.3	366.6	365.3	365.8	365.6	367.1	366.6
1.5°	365.6	367.1	366.6	365.6	366.3	366.7	367.0	366.9	365.0	365.8	365.9
2°	365.2	365.9	367.1	366.1	366.5	367.6	366.3	366.7	364.8	365.7	365.6
2.5°	364.2	365.2	366.2	367.6	366.5	366.8	365.5	365.9	365.3	365.8	365.8
3°	364.9	364.8	366.3	366.5	366.2	366.6	365.6	366.5	363.7	363.9	364.0
3.5°	363.7	365.0	366.9	367.0	365.6	366.6	365.8	366.4	364.2	366.2	363.6
4°	363.7	364.3	366.5	366.9	366.4	366.6	364.6	365.2	363.6	363.8	365.4
4.5°	362.9	366.2	365.6	366.5	365.5	366.6	364.8	363.8	362.8	362.2	363.4
5°	362.4	363.3	365.1	364.5	365.0	366.4	364.4	365.2	363.0	362.4	363.0
5.5°	363.1	363.1	364.8	365.3	365.0	365.2	363.8	364.0	362.1	361.9	360.7
6°	360.5	363.1	364.9	364.9	365.7	366.3	363.8	363.1	361.3	360.8	359.5
6.5°	360.5	362.2	364.9	364.2	364.6	364.9	362.3	362.0	361.7	360.0	359.0
7°	360.5	361.4	364.2	363.5	364.0	363.5	361.9	361.5	359.9	360.3	359.0
7.5°	359.3	360.7	362.8	362.7	361.4	362.5	361.8	361.1	359.7	359.1	358.5
8°	358.6	359.6	361.9	361.9	361.7	363.6	361.0	360.3	358.4	358.2	358.2
8.5°	357.5	358.5	359.8	361.5	362.5	362.5	359.4	359.7	358.0	356.9	354.7
9°	355.8	355.4	358.4	361.4	361.2	361.3	359.2	357.6	354.8	356.2	354.9
9.5°	355.6	356.6	358.3	360.7	360.3	361.7	357.6	356.7	355.6	355.0	354.0
10°	354.4	358.1	357.2	358.4	359.1	360.0	356.9	357.4	354.6	353.1	352.4
10.5°	353.9	355.3	356.8	358.3	358.6	359.8	355.3	355.7	353.0	352.8	350.6
11°	351.5	354.3	355.6	356.4	358.0	358.9	354.3	354.5	351.3	351.6	349.3
11.5°	350.4	352.2	354.5	353.3	356.5	356.8	353.7	352.8	350.7	349.5	348.5
12°	349.4	351.2	354.1	352.9	355.0	355.3	353.0	352.6	349.4	348.0	346.1
12.5°	347.4	350.3	353.0	354.4	353.8	354.7	351.7	351.3	348.5	346.3	344.5
13°	347.2	348.1	351.5	349.7	352.7	354.5	350.5	348.8	346.5	344.4	342.7
13.5°	346.2	348.1	349.9	348.9	351.6	351.4	348.6	347.6	345.0	343.1	341.0
14°	344.4	346.2	348.3	347.8	351.0	350.2	348.0	346.8	343.3	341.8	340.9
14.5°	342.0	344.8	347.2	347.2	349.3	349.3	346.1	345.4	341.4	340.4	338.7
15°	340.8	343.4	346.7	347.2	347.2	346.7	344.4	343.3	339.9	337.5	336.4
15.5°	339.1	341.2	344.1	345.6	346.2	345.9	342.5	342.2	338.7	337.1	334.5
16°	337.4	339.3	342.9	343.2	344.4	344.3	341.2	340.9	337.1	336.2	333.2
16.5°	336.0	338.4	341.1	341.3	343.1	342.7	338.8	339.5	336.2	333.7	331.7
17°	333.3	337.0	339.1	339.5	342.2	340.8	339.1	338.1	333.5	332.0	330.2
17.5°	329.9	334.4	337.9	337.7	339.9	338.9	337.5	335.9	331.3	329.1	327.9
18°	329.8	333.3	335.0	336.6	338.3	338.1	335.0	333.1	329.2	327.6	324.9
18.5°	327.8	330.6	333.7	334.4	336.9	336.4	333.2	330.8	328.3	326.2	322.1
19°	326.4	329.2	331.1	332.0	334.6	333.6	330.6	328.5	327.4	323.4	321.0
19.5°	322.7	327.1	329.0	330.7	332.4	331.9	330.0	326.9	323.2	320.6	317.5
20°	320.6	324.8	326.4	328.7	331.0	329.3	327.6	325.0	321.7	318.3	316.4
20.5°	319.0	322.6	325.1	325.9	329.6	329.0	325.0	322.9	319.4	316.5	314.6
21°	318.0	320.7	323.1	324.0	327.1	327.1	322.4	321.1	317.2	313.7	311.3
21.5°	314.6	318.2	320.8	321.9	324.6	323.8	321.8	318.2	315.1	311.8	309.1
22°	312.8	316.2	318.6	320.4	323.3	323.0	318.6	316.6	312.6	308.7	307.1



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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°	309.8	314.0	315.9	318.6	321.3	320.0	317.3	314.2	309.6	307.1	303.2
23°	308.0	311.3	313.7	316.2	319.2	318.4	314.9	311.3	308.0	304.8	302.2
23.5°	306.0	308.7	311.6	313.4	316.8	316.2	312.9	308.4	306.2	302.9	300.6
24°	303.0	306.2	309.5	311.6	314.4	314.2	309.6	306.9	303.3	300.4	297.7
24.5°	300.0	303.5	306.9	309.3	311.7	310.1	305.6	305.3	300.8	298.1	294.8
25°	297.2	301.0	304.3	306.7	309.0	308.8	304.1	302.4	298.0	294.9	290.7
25.5°	294.7	298.6	302.1	304.0	306.6	306.0	301.5	299.9	295.7	292.8	287.6
26°	292.1	295.9	299.5	301.8	304.3	303.1	299.7	296.7	293.2	289.4	285.2
26.5°	289.2	293.1	296.8	299.2	302.4	300.7	297.2	294.3	291.0	287.4	284.0
27°	286.4	290.5	294.2	296.2	299.7	298.0	294.7	291.4	288.1	284.1	280.2
27.5°	284.4	287.9	291.3	293.7	297.3	295.4	292.1	289.0	284.9	280.6	277.4
28°	281.4	284.7	288.1	291.0	294.6	293.0	288.8	286.3	281.7	277.5	274.8
28.5°	278.0	281.8	285.3	288.3	292.1	291.2	286.5	283.0	278.9	274.7	272.4
29°	275.2	279.0	282.3	285.5	289.5	288.5	283.6	280.5	275.7	272.3	269.3
29.5°	272.0	276.1	279.8	282.3	286.4	285.7	281.0	277.8	272.7	269.1	267.5
30°	268.8	273.1	276.9	279.7	283.8	282.8	277.6	274.4	270.3	266.5	263.4
30.5°	265.8	270.3	273.7	276.8	281.0	279.9	275.2	271.6	268.0	263.7	260.2
31°	263.1	267.1	270.8	273.8	277.8	276.7	272.6	268.8	264.7	261.6	258.2
31.5°	261.0	263.9	267.9	270.9	274.7	273.9	269.9	266.4	261.3	258.0	254.1
32°	257.7	261.0	265.2	268.1	271.8	270.4	266.4	263.9	258.5	254.6	250.8
32.5°	254.3	257.9	262.2	265.4	268.6	267.3	264.2	260.4	255.7	252.2	247.4
33°	250.9	254.7	259.1	262.4	265.7	265.5	261.0	257.0	252.2	249.5	245.5
33.5°	248.2	251.7	256.4	259.1	262.2	262.5	258.0	254.6	249.2	245.8	242.1
34°	245.1	248.4	252.9	255.8	259.7	259.1	255.0	252.3	246.5	242.7	238.8
34.5°	241.6	245.0	249.7	252.4	256.3	256.4	251.9	249.0	243.4	238.9	235.2
35°	238.4	241.7	246.4	249.5	252.9	253.3	248.5	245.1	240.3	236.1	232.0
35.5°	235.6	238.9	242.9	246.2	250.5	250.0	245.2	242.0	237.1	233.1	228.5
36°	232.2	235.6	239.7	243.0	247.2	246.8	242.3	239.1	233.8	229.9	226.1
36.5°	228.8	232.7	236.6	239.9	243.9	243.7	239.2	235.3	231.1	226.5	222.7
37°	225.5	229.4	233.3	236.6	241.5	240.3	236.5	232.7	227.8	223.2	219.8
37.5°	222.1	226.1	230.2	233.5	238.1	236.8	233.4	229.7	224.6	220.3	215.8
38°	219.1	223.2	227.1	230.4	235.4	234.0	229.9	226.7	221.4	216.9	213.1
38.5°	215.9	219.8	223.7	227.2	231.9	230.9	226.4	223.2	218.2	213.5	209.9
39°	212.6	216.5	220.4	223.9	228.5	227.8	223.5	219.8	215.0	210.3	207.0
39.5°	209.3	213.0	217.2	220.6	225.0	224.4	220.3	216.6	211.8	207.3	204.0
40°	205.8	209.6	214.2	217.3	221.6	221.0	216.4	213.2	208.5	204.4	200.6
40.5°	202.5	206.3	210.8	213.9	218.0	217.5	212.9	210.1	205.4	201.3	198.4
41°	199.2	202.8	207.3	210.4	214.4	214.2	209.8	207.0	202.2	197.9	193.6
41.5°	195.7	199.1	204.0	207.0	211.4	210.8	207.0	203.7	199.0	194.9	190.7
42°	192.4	195.7	200.6	203.6	208.2	207.4	203.8	200.2	195.7	191.5	187.4
42.5°	189.0	192.4	197.1	200.2	204.7	203.7	200.5	197.2	192.3	188.1	184.2
43°	185.7	188.7	193.6	197.0	201.4	200.5	196.8	193.6	188.9	184.7	180.9
43.5°	182.1	185.4	189.8	193.5	197.9	197.2	193.7	190.2	185.3	181.3	177.7
44°	178.8	181.9	186.2	189.9	194.4	193.7	190.3	186.8	182.1	177.7	174.3
44.5°	175.3	178.3	182.4	186.2	190.4	190.4	187.0	183.3	178.6	174.4	170.9



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	171.6	174.6	178.5	182.6	186.4	186.4	183.7	179.8	175.1	171.0	167.6
45.5°	168.0	171.0	174.7	178.8	182.9	182.9	180.1	176.4	171.5	167.7	164.2
46°	164.1	167.4	171.2	175.0	179.1	179.3	176.8	173.0	168.2	164.1	160.7
46.5°	160.6	163.8	167.6	171.2	175.6	175.5	172.9	169.8	164.5	160.8	157.0
47°	156.9	160.1	163.9	167.5	172.0	171.8	169.3	165.9	161.1	157.3	153.3
47.5°	153.0	156.4	160.4	163.7	168.0	168.0	165.6	162.5	157.4	153.8	149.9
48°	149.2	152.8	156.8	160.1	164.2	164.1	161.9	158.7	153.8	149.8	146.4
48.5°	145.5	148.8	152.9	156.6	160.7	160.5	158.2	155.4	150.4	146.2	142.9
49°	141.7	144.9	149.1	152.9	156.9	156.7	154.1	151.7	146.8	142.6	139.0
49.5°	138.0	141.1	145.2	149.3	153.0	153.2	150.5	147.9	143.2	138.9	135.4
50°	134.3	137.3	141.4	145.2	149.0	149.5	147.0	144.1	139.5	135.3	131.4
50.5°	130.5	133.4	137.7	141.3	145.4	145.4	143.1	140.5	135.8	131.5	127.7
51°	126.8	129.7	133.9	137.7	141.3	141.9	139.1	136.9	132.2	127.9	124.1
51.5°	123.2	126.2	130.1	133.8	137.8	137.9	135.5	133.3	128.7	124.3	120.6
52°	119.4	122.6	126.4	130.1	134.1	134.0	131.8	129.3	125.1	120.5	117.2
52.5°	115.7	119.0	122.7	126.7	130.2	130.4	128.2	125.6	121.3	117.1	113.3
53°	112.0	115.3	119.1	123.1	126.6	126.7	124.5	122.0	117.7	113.7	109.9
53.5°	108.5	111.5	115.4	119.2	122.9	122.9	120.7	118.3	113.7	109.8	106.0
54°	104.8	108.0	111.9	115.6	118.9	119.2	116.9	114.7	110.1	106.0	102.4
54.5°	101.3	104.6	108.4	112.1	115.4	115.6	113.3	111.1	106.7	102.6	99.1
55°	97.7	101.1	104.9	108.4	111.6	112.0	109.9	107.3	103.4	99.4	95.8
55.5°	94.2	97.6	101.3	104.7	107.9	108.4	106.4	103.9	100.0	96.0	92.6
56°	90.9	93.9	97.8	101.3	104.3	104.7	102.9	100.5	96.5	92.6	89.1
56.5°	87.5	90.5	94.3	97.8	100.8	101.2	99.4	97.0	93.1	89.2	85.8
57°	84.0	87.2	90.9	94.4	97.4	97.7	96.0	93.6	89.9	85.9	82.4
57.5°	80.6	83.7	87.5	90.9	94.1	94.3	92.7	90.3	86.6	82.6	79.3
58°	77.2	80.3	84.0	87.6	90.8	90.9	89.3	86.9	83.2	79.3	76.3
58.5°	73.9	77.1	80.7	84.1	87.4	87.5	86.0	83.5	80.0	76.2	73.3
59°	70.6	73.6	77.3	80.7	84.0	84.1	82.5	80.3	76.6	73.2	70.1
59.5°	67.4	70.4	74.0	77.3	80.6	80.7	79.1	77.0	73.5	70.0	67.2
60°	64.4	67.2	70.5	73.9	77.2	77.6	76.0	73.9	70.4	67.2	64.4
60.5°	61.4	64.3	67.4	70.6	73.9	74.5	72.9	70.7	67.4	64.3	61.5
61°	58.5	61.3	64.4	67.2	70.7	71.3	69.8	67.6	64.4	61.5	58.6
61.5°	55.9	58.5	61.4	63.9	67.6	68.1	66.6	64.7	61.6	58.7	56.0
62°	53.1	55.8	58.6	61.1	64.5	65.2	63.7	61.8	58.8	56.0	53.3
62.5°	50.4	53.0	55.8	58.3	61.5	62.0	60.8	59.0	56.2	53.2	50.9
63°	47.7	50.3	53.0	55.4	58.7	59.0	57.9	56.2	53.4	50.7	48.3
63.5°	45.2	47.7	50.3	52.6	55.7	56.2	55.2	53.3	50.7	48.2	45.9
64°	42.7	45.1	47.6	49.8	52.8	53.3	52.4	50.8	48.2	45.8	43.5
64.5°	40.5	42.7	45.1	47.1	50.0	50.6	49.8	48.1	45.7	43.4	41.3
65°	38.2	40.5	42.6	44.4	47.4	47.9	47.1	45.7	43.3	41.1	39.1
65.5°	36.0	38.0	40.2	41.9	44.6	45.3	44.7	43.2	41.1	38.9	37.0
66°	33.9	35.9	37.7	39.4	42.2	42.9	42.2	40.9	38.7	36.7	35.0
66.5°	31.9	33.7	35.5	37.2	39.7	40.3	39.8	38.5	36.6	34.7	33.1
67°	30.0	31.6	33.4	34.9	37.3	38.0	37.4	36.5	34.5	32.7	31.3





TEST NUMBER: P565408  
 CATALOG NUMBER: LTQL4069S1EDM-3500K-UNIT

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	28.1	29.8	31.4	32.8	35.1	35.9	35.3	34.1	32.6	31.0	29.4
68°	26.4	27.9	29.4	30.7	32.8	33.6	33.2	32.2	30.7	29.1	27.7
68.5°	24.7	26.2	27.6	28.8	30.9	31.4	31.2	30.3	28.8	27.4	26.1
69°	23.3	24.5	25.8	26.9	28.8	29.5	29.3	28.4	27.1	25.7	24.6
69.5°	21.9	23.2	24.2	25.2	26.9	27.6	27.4	26.7	25.4	24.3	23.1
70°	20.5	21.7	22.8	23.6	25.2	25.7	25.7	25.1	23.9	22.8	22.0
70.5°	19.2	20.2	21.4	22.2	23.5	24.1	24.1	23.5	22.6	21.7	20.8
71°	18.0	18.9	20.0	20.8	22.1	22.6	22.6	22.2	21.3	20.3	19.5
71.5°	16.9	17.7	18.7	19.4	20.6	21.2	21.2	20.8	19.9	19.1	18.3
72°	15.8	16.6	17.5	18.2	19.2	19.9	19.8	19.4	18.7	18.0	17.2
72.5°	14.8	15.6	16.3	17.0	17.9	18.4	18.5	18.2	17.7	16.9	16.1
73°	13.9	14.6	15.3	15.9	16.8	17.2	17.4	17.0	16.5	15.8	15.2
73.5°	13.1	13.7	14.4	14.9	15.6	16.0	16.2	15.9	15.4	14.9	14.3
74°	12.4	12.9	13.4	14.1	14.6	15.0	15.1	14.9	14.6	14.0	13.5
74.5°	11.7	12.1	12.6	13.2	13.6	14.0	14.1	14.0	13.6	13.2	12.6
75°	11.0	11.4	11.9	12.4	12.7	13.1	13.4	13.2	12.8	12.5	11.9
75.5°	10.4	10.7	11.2	11.7	11.9	12.3	12.4	12.4	12.0	11.6	11.2
76°	9.8	10.1	10.6	11.0	11.2	11.5	11.7	11.6	11.3	10.9	10.5
76.5°	9.3	9.5	10.0	10.3	10.4	10.7	10.9	10.9	10.6	10.3	9.9
77°	8.8	9.0	9.3	9.8	9.9	10.1	10.3	10.3	10.1	9.7	9.3
77.5°	8.2	8.5	8.9	9.3	9.2	9.5	9.6	9.6	9.4	9.1	8.7
78°	7.8	8.0	8.3	8.8	8.7	9.2	9.1	9.2	8.9	8.6	8.2
78.5°	7.3	7.6	7.9	8.2	8.1	8.4	8.5	8.5	8.2	8.1	7.7
79°	6.9	7.2	7.5	7.8	7.7	8.0	8.2	8.0	7.8	7.5	7.3
79.5°	6.6	6.9	7.1	7.4	7.2	7.4	7.5	7.5	7.2	7.0	6.9
80°	6.1	6.5	6.7	7.0	6.9	7.0	7.1	7.0	6.8	6.6	6.3
80.5°	5.8	6.1	6.4	6.7	6.4	6.6	6.8	6.6	6.4	6.3	6.0
81°	5.5	5.7	6.1	6.3	6.0	6.2	6.2	6.1	6.0	5.9	5.8
81.5°	5.0	5.5	5.7	5.9	5.8	5.8	5.9	5.8	5.6	5.4	5.3
82°	4.6	4.9	5.4	5.6	5.3	5.5	5.6	5.4	5.2	4.9	5.0
82.5°	4.2	4.5	4.9	5.2	5.1	5.1	5.2	5.0	5.1	4.8	4.9
83°	3.8	4.1	4.6	4.8	5.0	5.0	5.0	5.0	4.7	4.2	4.1
83.5°	3.4	3.7	4.2	4.4	4.2	4.4	4.8	4.2	3.9	3.8	3.7
84°	2.9	3.3	3.7	4.0	3.8	4.0	4.0	3.7	3.7	3.4	3.3
84.5°	2.6	2.9	3.4	3.7	3.8	3.8	3.7	3.5	3.1	2.9	2.9
85°	2.3	2.6	3.0	3.3	3.1	3.3	3.3	3.0	2.7	2.7	2.7
85.5°	1.9	2.2	2.7	2.9	2.7	2.9	2.8	2.6	2.5	2.1	2.2
86°	1.6	1.8	2.3	2.6	2.5	2.7	2.5	2.2	1.9	1.8	1.8
86.5°	1.2	1.5	2.0	2.2	2.0	2.1	2.1	1.8	1.7	1.5	1.6
87°	1.0	1.2	1.6	1.8	1.6	1.7	1.7	1.5	1.2	1.0	1.1
87.5°	0.7	1.0	1.3	1.6	1.3	1.5	1.5	1.0	0.8	0.7	0.7
88°	0.4	0.7	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: P565408  
 CATALOG NUMBER: LTQL4069S1EDM-3500K-UNIT

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.1	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: P565408  
 CATALOG NUMBER: LTQL4069S1EDM-3500K-UNIT

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
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: P565408

CATALOG NUMBER: LTQL4069S1EDM-3500K-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	0.4	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	0.8	0.8	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	0.6	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	0.8
147.5°	0.8	0.8	0.7	0.7	0.5	0.6	0.6	0.7	0.7	0.7	0.8
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	0.8	0.7	0.5	0.6	0.7	0.7	0.7	0.7	0.8
149°	0.8	0.8	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.8
149.5°	0.8	0.8	0.8	0.7	0.5	0.6	0.7	0.7	0.7	0.8	0.8
150°	0.8	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.7	0.8	0.8
150.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.7	0.8	0.8
151°	0.8	0.8	0.8	0.8	0.6	0.7	0.7	0.8	0.7	0.9	0.8
151.5°	0.8	0.8	0.8	0.8	0.6	0.7	0.7	0.9	0.7	0.9	0.8
152°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.9	0.7	0.9	0.8
152.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.7	0.9	0.8
153°	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.9	0.7	0.9	0.8
153.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.9	0.8
154°	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.9	0.7	0.9	0.8
154.5°	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.9	0.7	0.9	0.8
155°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	1.0	0.7	1.0	0.8
155.5°	0.8	0.8	0.8	0.8	0.7	0.8	0.9	0.9	0.7	0.9	0.8
156°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.9	0.8
156.5°	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.9	0.7	0.9	0.8
157°	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.7	0.8	0.8



TEST NUMBER: P565408

CATALOG NUMBER: LTQL4069S1EDM-3500K-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	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
158°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
158.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
159°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
159.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
160.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
161°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
161.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
162°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
163°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
163.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
164°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
164.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
165°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.7	0.8	0.8
165.5°	0.8	0.8	0.8	0.8	0.7	0.9	0.8	0.9	0.7	0.8	0.8
166°	0.8	0.8	0.8	0.8	0.7	0.9	0.8	0.9	0.7	0.8	0.8
166.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
167°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
167.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
168°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
168.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
169°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
169.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
170°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
170.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
171°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
171.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
172°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
172.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
173°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
173.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
174°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
174.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
175°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
175.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
176°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
176.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
177°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
177.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
178°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
178.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
179°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8
179.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.7	0.8	0.8



TEST NUMBER: P565408  
CATALOG NUMBER: LTQL4069S1EDM-3500K-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: P565408

CATALOG NUMBER: LTQL4069S1EDM-3500K-UNIT

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
0°	366.4	366.4	366.4	366.4	366.4	366.4
0.5°	365.9	365.7	367.4	365.1	366.1	365.8
1°	366.2	365.7	366.6	364.3	366.0	365.9
1.5°	365.8	363.1	365.8	364.0	366.0	365.6
2°	366.9	363.3	366.3	362.8	366.0	365.2
2.5°	364.9	362.6	365.0	362.4	364.8	364.2
3°	363.8	362.3	364.1	363.7	364.1	364.9
3.5°	365.0	362.2	363.4	362.0	365.4	363.7
4°	363.8	363.0	361.7	362.6	362.6	363.7
4.5°	363.6	362.2	363.3	360.2	363.3	362.9
5°	363.1	360.6	361.6	359.0	362.8	362.4
5.5°	361.9	358.8	361.1	359.4	361.7	363.1
6°	360.8	359.1	360.7	358.3	359.8	360.5
6.5°	359.1	357.2	359.9	358.8	360.8	360.5
7°	358.1	355.6	358.1	357.5	359.2	360.5
7.5°	357.7	355.5	356.6	355.1	358.4	359.3
8°	356.6	354.1	355.6	353.4	357.3	358.6
8.5°	355.1	353.1	355.8	351.6	356.6	357.5
9°	354.1	351.4	353.3	353.0	355.1	355.8
9.5°	353.2	349.6	351.6	352.3	355.0	355.6
10°	352.6	347.6	351.5	350.6	352.9	354.4
10.5°	350.5	346.4	350.1	350.2	351.6	353.9
11°	347.8	345.1	348.6	349.4	350.7	351.5
11.5°	347.2	344.1	346.4	346.4	349.3	350.4
12°	346.5	343.4	345.6	345.7	348.0	349.4
12.5°	344.3	342.0	342.9	344.5	346.9	347.4
13°	342.5	339.6	342.0	341.3	345.7	347.2
13.5°	340.8	337.9	340.1	339.3	344.1	346.2
14°	339.3	336.3	338.5	339.0	341.9	344.4
14.5°	336.5	335.3	335.8	336.6	340.0	342.0
15°	335.0	333.2	334.3	335.5	338.5	340.8
15.5°	333.4	331.0	332.5	334.4	337.0	339.1
16°	331.4	328.8	330.8	332.3	334.7	337.4
16.5°	330.5	326.0	328.2	329.1	332.6	336.0
17°	327.7	324.9	325.9	327.2	331.5	333.3
17.5°	325.5	322.4	324.5	325.0	330.0	329.9
18°	323.5	320.1	322.7	323.1	327.1	329.8
18.5°	322.1	316.7	320.2	321.0	325.4	327.8
19°	319.8	315.6	317.7	319.3	323.6	326.4
19.5°	317.4	313.7	315.8	317.1	320.6	322.7
20°	314.3	311.3	313.5	314.7	318.5	320.6
20.5°	313.4	309.3	311.5	312.3	316.5	319.0
21°	310.3	306.5	308.4	310.2	314.3	318.0
21.5°	307.8	303.8	306.2	307.8	312.0	314.6
22°	305.5	301.9	303.3	305.2	309.8	312.8



TEST NUMBER: P565408

CATALOG NUMBER: LTQL4069S1EDM-3500K-UNIT

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	302.5	299.0	301.3	302.7	307.1	309.8
23°	301.2	296.5	298.9	300.4	304.6	308.0
23.5°	298.0	293.5	296.3	297.9	302.2	306.0
24°	296.1	291.3	293.5	295.0	299.7	303.0
24.5°	293.1	288.6	290.6	292.4	297.0	300.0
25°	289.8	285.6	288.1	289.8	294.2	297.2
25.5°	286.8	283.1	285.4	287.0	291.4	294.7
26°	284.5	280.6	282.6	284.2	288.5	292.1
26.5°	281.4	277.5	279.3	281.2	285.7	289.2
27°	278.9	274.5	276.5	278.1	283.4	286.4
27.5°	275.8	271.7	273.1	275.3	280.6	284.4
28°	273.6	268.8	270.7	272.7	277.6	281.4
28.5°	270.7	266.1	267.9	269.8	274.6	278.0
29°	267.6	263.1	265.3	266.7	271.7	275.2
29.5°	264.9	259.9	262.0	263.9	268.7	272.0
30°	261.5	256.9	259.2	260.9	266.0	268.8
30.5°	258.0	253.9	256.1	257.7	262.9	265.8
31°	254.9	250.5	253.0	254.9	259.7	263.1
31.5°	252.3	247.4	249.7	252.0	256.6	261.0
32°	249.1	244.3	246.6	249.2	253.7	257.7
32.5°	246.0	241.3	243.4	246.2	250.4	254.3
33°	242.5	238.1	240.3	243.0	247.4	250.9
33.5°	240.0	235.4	237.6	239.7	244.4	248.2
34°	237.3	232.1	234.7	236.4	241.2	245.1
34.5°	234.2	228.8	231.5	233.2	237.9	241.6
35°	230.2	225.7	228.2	230.1	234.8	238.4
35.5°	226.9	222.7	225.1	227.1	232.0	235.6
36°	224.2	219.6	222.0	223.7	228.7	232.2
36.5°	220.8	216.5	218.6	220.5	225.5	228.8
37°	217.4	213.2	215.2	217.6	222.3	225.5
37.5°	214.2	209.8	211.8	214.3	219.0	222.1
38°	211.1	206.5	208.5	211.0	215.7	219.1
38.5°	207.7	203.2	205.3	207.8	212.4	215.9
39°	204.7	199.9	202.1	204.5	209.1	212.6
39.5°	201.2	196.9	198.8	201.4	205.8	209.3
40°	198.2	193.7	195.6	197.9	202.4	205.8
40.5°	194.7	190.4	192.5	194.9	198.9	202.5
41°	191.3	187.2	189.3	191.6	195.7	199.2
41.5°	188.1	183.7	186.0	188.2	192.3	195.7
42°	185.2	180.4	182.6	184.7	188.9	192.4
42.5°	182.0	177.3	179.2	181.4	185.6	189.0
43°	178.6	174.0	175.8	178.0	182.1	185.7
43.5°	175.3	170.6	172.4	174.6	178.7	182.1
44°	172.0	167.3	169.0	171.0	175.3	178.8
44.5°	168.7	163.9	165.7	167.6	171.9	175.3





TEST NUMBER: P565408  
 CATALOG NUMBER: LTQL4069S1EDM-3500K-UNIT

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
45°	165.3	160.6	162.2	164.0	168.2	171.6
45.5°	161.8	157.3	158.9	160.6	164.5	168.0
46°	158.3	154.0	155.3	157.1	161.0	164.1
46.5°	154.4	150.5	151.5	153.2	157.3	160.6
47°	150.7	146.8	147.9	149.5	153.7	156.9
47.5°	147.2	143.1	144.2	145.9	149.9	153.0
48°	143.8	139.5	140.5	142.2	146.0	149.2
48.5°	139.7	135.9	137.0	138.6	142.3	145.5
49°	136.1	132.2	133.2	134.8	138.5	141.7
49.5°	132.6	128.6	129.5	131.0	134.9	138.0
50°	129.1	125.1	125.9	127.3	131.0	134.3
50.5°	125.3	121.7	122.2	123.6	127.5	130.5
51°	121.7	117.9	118.6	119.8	123.8	126.8
51.5°	117.9	114.4	115.0	116.1	120.1	123.2
52°	114.1	110.7	111.2	112.6	116.4	119.4
52.5°	110.5	107.4	107.7	109.2	112.8	115.7
53°	106.8	103.7	104.0	105.8	109.1	112.0
53.5°	103.4	100.3	100.6	102.3	105.5	108.5
54°	100.0	96.8	97.1	98.6	102.0	104.8
54.5°	96.7	93.4	93.7	95.1	98.4	101.3
55°	93.3	90.0	90.3	91.6	95.0	97.7
55.5°	90.1	86.6	86.8	88.3	91.6	94.2
56°	86.6	83.3	83.5	84.9	88.2	90.9
56.5°	83.4	79.8	80.2	81.5	84.8	87.5
57°	80.2	76.6	76.8	78.1	81.4	84.0
57.5°	77.0	73.5	73.7	74.8	78.0	80.6
58°	74.0	70.5	70.7	71.6	74.7	77.2
58.5°	70.9	67.5	67.6	68.6	71.4	73.9
59°	67.8	64.5	64.7	65.7	68.2	70.6
59.5°	65.1	61.8	61.9	62.7	65.1	67.4
60°	62.2	58.9	59.0	59.8	62.2	64.4
60.5°	59.3	56.4	56.4	57.2	59.2	61.4
61°	56.9	53.7	53.6	54.4	56.5	58.5
61.5°	54.2	51.2	51.0	51.7	53.7	55.9
62°	51.7	48.8	48.5	49.1	51.1	53.1
62.5°	49.0	46.3	46.1	46.6	48.5	50.4
63°	46.7	43.9	43.7	44.2	45.9	47.7
63.5°	44.3	41.7	41.4	41.8	43.4	45.2
64°	42.0	39.6	39.3	39.6	41.2	42.7
64.5°	39.8	37.4	37.2	37.4	38.8	40.5
65°	37.7	35.5	35.2	35.4	36.6	38.2
65.5°	35.6	33.6	33.2	33.4	34.6	36.0
66°	33.5	31.8	31.4	31.5	32.5	33.9
66.5°	31.8	29.9	29.6	29.6	30.5	31.9
67°	29.9	28.4	27.9	27.9	28.7	30.0



TEST NUMBER: P565408  
 CATALOG NUMBER: LTQL4069S1EDM-3500K-UNIT

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	28.4	26.8	26.4	26.2	27.0	28.1
68°	26.6	25.2	24.8	24.7	25.3	26.4
68.5°	25.0	23.7	23.5	23.4	23.7	24.7
69°	23.5	22.6	22.2	22.0	22.5	23.3
69.5°	22.5	21.4	20.9	20.7	21.1	21.9
70°	21.2	20.1	19.7	19.5	19.8	20.5
70.5°	19.9	19.0	18.6	18.3	18.6	19.2
71°	18.7	17.9	17.4	17.1	17.5	18.0
71.5°	17.6	16.8	16.4	16.1	16.4	16.9
72°	16.5	15.9	15.5	15.2	15.5	15.8
72.5°	15.5	15.0	14.5	14.3	14.5	14.8
73°	14.5	14.1	13.7	13.5	13.7	13.9
73.5°	13.7	13.3	13.0	12.7	12.8	13.1
74°	12.8	12.5	12.2	12.0	12.1	12.4
74.5°	12.0	11.9	11.5	11.3	11.5	11.7
75°	11.3	11.2	10.9	10.7	10.8	11.0
75.5°	10.7	10.5	10.3	10.1	10.2	10.4
76°	10.3	10.0	9.7	9.6	9.6	9.8
76.5°	9.5	9.4	9.2	9.0	9.1	9.3
77°	9.0	8.9	8.7	8.6	8.6	8.8
77.5°	8.4	8.4	8.2	8.1	8.1	8.2
78°	8.0	8.0	7.8	7.6	7.8	7.8
78.5°	7.4	7.6	7.4	7.3	7.3	7.3
79°	7.1	7.1	7.0	6.9	6.9	6.9
79.5°	6.5	6.7	6.7	6.5	6.5	6.6
80°	6.2	6.4	6.3	6.2	6.2	6.1
80.5°	5.9	6.0	5.9	5.8	5.8	5.8
81°	5.4	5.6	5.5	5.5	5.4	5.5
81.5°	5.1	5.2	5.0	5.0	4.9	5.0
82°	5.0	4.9	4.7	4.6	4.5	4.6
82.5°	4.3	4.4	4.3	4.2	4.1	4.2
83°	3.9	4.0	3.9	3.8	3.7	3.8
83.5°	3.5	3.7	3.5	3.5	3.3	3.4
84°	3.1	3.3	3.1	3.0	2.9	2.9
84.5°	2.7	2.9	2.8	2.7	2.5	2.6
85°	2.3	2.5	2.4	2.3	2.2	2.3
85.5°	1.9	2.2	2.1	2.0	1.8	1.9
86°	1.6	1.8	1.7	1.6	1.5	1.6
86.5°	1.2	1.5	1.4	1.4	1.2	1.2
87°	0.9	1.2	1.0	1.0	0.9	1.0
87.5°	0.5	0.8	0.7	0.7	0.6	0.7
88°	0.4	0.5	0.4	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: P565408  
 CATALOG NUMBER: LTQL4069S1EDM-3500K-UNIT

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.1	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: P565408  
 CATALOG NUMBER: LTQL4069S1EDM-3500K-UNIT

**CANDELA DISTRIBUTION (continued):**

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.1	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: P565408  
 CATALOG NUMBER: LTQL4069S1EDM-3500K-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	0.5	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	1.0	0.7	0.8
146.5°	0.7	0.7	0.7	0.9	0.7	0.8
147°	0.8	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	0.8	0.8	0.9	0.7	0.8
149°	0.8	0.7	0.8	0.9	0.7	0.8
149.5°	0.8	0.7	0.8	0.9	0.7	0.8
150°	0.8	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: P565408  
CATALOG NUMBER: LTQL4069S1EDM-3500K-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°	0.8	0.7	0.8	0.9	0.7	0.8
159.5°	0.8	0.7	0.8	0.9	0.7	0.8
160°	0.8	0.7	0.8	0.9	0.7	0.8
160.5°	0.8	0.7	0.8	0.9	0.7	0.8
161°	0.8	0.7	0.8	0.9	0.7	0.8
161.5°	0.8	0.7	0.8	0.9	0.7	0.8
162°	0.8	0.7	0.8	0.9	0.7	0.8
162.5°	0.8	0.7	0.8	0.9	0.7	0.8
163°	0.8	0.7	0.8	0.9	0.7	0.8
163.5°	0.8	0.7	0.8	0.9	0.7	0.8
164°	0.8	0.7	0.8	0.9	0.7	0.8
164.5°	0.8	0.7	0.8	0.9	0.7	0.8
165°	0.8	0.7	0.8	0.9	0.7	0.8
165.5°	0.8	0.7	0.8	0.9	0.7	0.8
166°	0.8	0.7	0.8	0.9	0.7	0.8
166.5°	0.8	0.7	0.8	0.9	0.7	0.8
167°	0.8	0.7	0.8	0.9	0.7	0.8
167.5°	0.8	0.7	0.8	0.9	0.7	0.8
168°	0.8	0.7	0.8	0.9	0.7	0.8
168.5°	0.8	0.7	0.8	0.9	0.7	0.8
169°	0.8	0.7	0.8	0.9	0.7	0.8
169.5°	0.8	0.7	0.8	0.9	0.7	0.8
170°	0.8	0.7	0.8	0.9	0.7	0.8
170.5°	0.8	0.7	0.8	0.9	0.7	0.8
171°	0.8	0.7	0.8	0.9	0.7	0.8
171.5°	0.8	0.7	0.8	0.9	0.7	0.8
172°	0.8	0.7	0.8	0.9	0.7	0.8
172.5°	0.8	0.7	0.8	0.9	0.7	0.8
173°	0.8	0.7	0.8	0.9	0.7	0.8
173.5°	0.8	0.7	0.8	0.9	0.7	0.8
174°	0.8	0.7	0.8	0.9	0.7	0.8
174.5°	0.8	0.7	0.8	0.9	0.7	0.8
175°	0.8	0.7	0.8	0.9	0.7	0.8
175.5°	0.8	0.7	0.8	0.9	0.7	0.8
176°	0.8	0.7	0.8	0.9	0.7	0.8
176.5°	0.8	0.7	0.8	0.9	0.7	0.8
177°	0.8	0.7	0.8	0.9	0.7	0.8
177.5°	0.8	0.7	0.8	0.9	0.7	0.8
178°	0.8	0.7	0.8	0.9	0.7	0.8
178.5°	0.8	0.7	0.8	0.9	0.7	0.8
179°	0.8	0.7	0.8	0.9	0.7	0.8
179.5°	0.8	0.7	0.8	0.9	0.7	0.8



TEST NUMBER: P565408  
CATALOG NUMBER: LTQL4069S1EDM-3500K-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)