

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: P565409

Luminaire Tested: **LTQL4069S1EDM-4000K-UNIT**

Issue Date: 8/31/2021

Test Information

Test Method: LM-79-08
Report Number: P565409
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-4000K-UNIT
Description: 4in Surface Mount Downlight Fixture with Color Selectable Switch
Light Source: (16) 4000K CCT, 94 CRI LEDS
Ballast/Driver: -

Summary

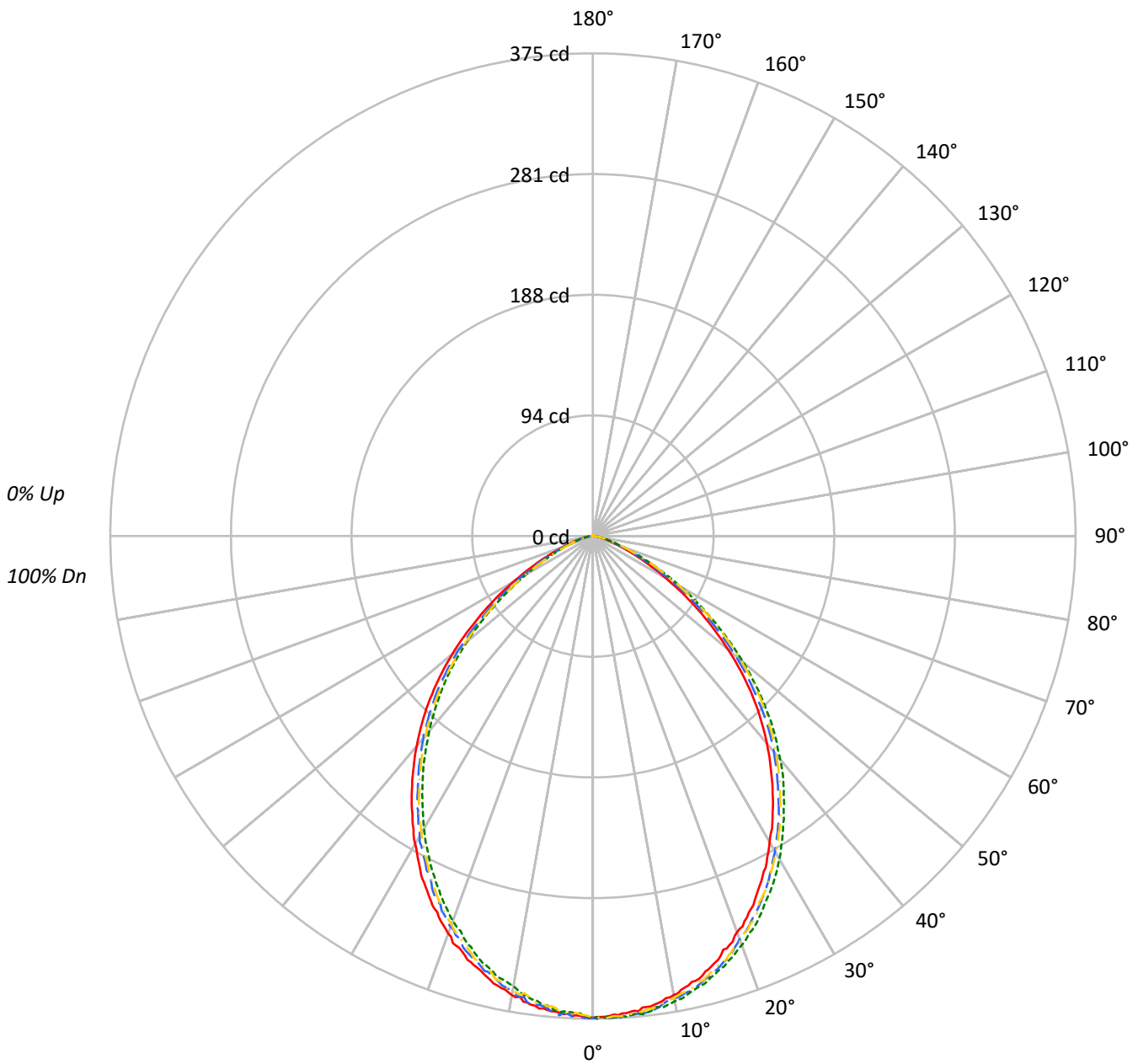
Lumens per Lamp: N/A
Luminaire Lumens: 715.0 lumens
Efficiency: N/A
Efficacy: 99.3 lumens/watt
Spacing Criteria (0/90/45): 1.11 / 1.12 / 1.2
Luminous Opening: Circular (Dia: 0.33m x H: 0m)
CIE Type: Direct

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: P565409
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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°	4297	4297	4297	4297
5°	4267	4297	4273	4245
10°	4221	4277	4223	4139
15°	4138	4215	4127	4045
20°	4002	4131	4015	3884
25°	3846	3998	3856	3696
30°	3639	3844	3661	3479
35°	3413	3622	3441	3232
40°	3151	3392	3193	2965
45°	2845	3092	2905	2663
50°	2451	2719	2545	2281
55°	1998	2282	2114	1842
60°	1509	1812	1651	1382
65°	1060	1315	1201	986
70°	702	863	819	688
75°	501	577	581	510
80°	417	469	463	430
85°	316	408	369	343



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.1	4.9
10°-20°	97.9	13.7
20°-30°	139.8	19.5
30°-40°	152.8	21.4
40°-50°	136.2	19.0
50°-60°	92.2	12.9
60°-70°	42.7	6.0
70°-80°	13.8	1.9
80°-90°	3.2	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°	272.8	38.2
0°-40°	425.6	59.5
0°-60°	653.9	91.5
0°-90°	713.6	99.8
90°-120°	0.0	0.0
90°-150°	0.7	0.1
90°-180°	1.0	0.1
0°-180°	715.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	374	374	374	374	374	
5°	370	373	371	368	370	35
15°	348	355	347	340	348	98
25°	304	316	304	292	304	140
35°	244	258	246	231	244	152
45°	175	190	179	164	175	134
55°	100	114	106	92	100	89
65°	39	48	44	36	39	40
75°	11	13	13	12	11	13
85°	2	3	3	3	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°	374.2	374.2	374.2	374.2	374.2	374.2	374.2	374.2	374.2	374.2	374.2
0.5°	373.6	374.3	375.0	374.2	373.9	374.8	374.5	373.3	374.5	373.2	374.1
1°	373.7	374.8	375.1	374.1	374.2	374.4	373.2	373.7	373.5	374.9	374.4
1.5°	373.5	375.0	374.5	373.5	374.1	374.6	374.9	374.7	372.8	373.6	373.8
2°	373.0	373.8	374.9	374.0	374.3	375.5	374.1	374.6	372.6	373.6	373.4
2.5°	372.0	373.1	374.1	375.5	374.3	374.6	373.3	373.7	373.1	373.7	373.6
3°	372.7	372.6	374.1	374.3	374.0	374.5	373.5	374.4	371.5	371.7	371.8
3.5°	371.5	372.8	374.8	374.9	373.4	374.4	373.6	374.3	372.1	374.1	371.4
4°	371.5	372.1	374.4	374.7	374.3	374.5	372.5	373.0	371.4	371.6	373.2
4.5°	370.7	374.1	373.5	374.3	373.3	374.5	372.6	371.6	370.5	370.0	371.2
5°	370.2	371.1	372.9	372.4	372.8	374.3	372.2	373.1	370.7	370.2	370.8
5.5°	370.9	370.8	372.6	373.1	372.9	373.0	371.6	371.8	369.8	369.6	368.4
6°	368.2	370.9	372.8	372.7	373.5	374.2	371.5	370.9	369.0	368.5	367.2
6.5°	368.2	369.9	372.7	372.0	372.4	372.7	370.1	369.8	369.5	367.7	366.7
7°	368.2	369.2	372.0	371.3	371.8	371.3	369.7	369.3	367.6	368.0	366.7
7.5°	367.0	368.5	370.6	370.5	369.2	370.3	369.5	368.8	367.4	366.7	366.2
8°	366.2	367.4	369.6	369.6	369.5	371.4	368.7	368.0	366.1	365.8	365.9
8.5°	365.2	366.2	367.5	369.2	370.2	370.3	367.1	367.4	365.7	364.6	362.3
9°	363.4	363.0	366.0	369.2	368.9	369.0	366.9	365.3	362.4	363.8	362.5
9.5°	363.2	364.2	366.0	368.4	368.1	369.5	365.3	364.4	363.2	362.6	361.6
10°	362.0	365.8	364.8	366.1	366.8	367.7	364.5	365.1	362.2	360.7	359.9
10.5°	361.4	362.9	364.4	365.9	366.3	367.5	362.9	363.3	360.6	360.3	358.1
11°	359.1	361.9	363.2	364.0	365.7	366.6	361.9	362.1	358.8	359.2	356.8
11.5°	357.9	359.8	362.1	360.9	364.1	364.4	361.3	360.3	358.2	357.0	356.0
12°	356.9	358.7	361.7	360.4	362.6	363.0	360.5	360.2	356.9	355.4	353.5
12.5°	354.8	357.8	360.5	362.0	361.4	362.3	359.2	358.8	356.0	353.7	351.9
13°	354.6	355.6	359.1	357.2	360.3	362.1	358.0	356.2	353.9	351.8	350.0
13.5°	353.6	355.5	357.4	356.4	359.2	359.0	356.1	355.1	352.3	350.5	348.3
14°	351.8	353.6	355.7	355.2	358.5	357.7	355.5	354.2	350.6	349.1	348.2
14.5°	349.3	352.2	354.6	354.7	356.8	356.7	353.5	352.8	348.7	347.7	345.9
15°	348.1	350.8	354.1	354.6	354.6	354.1	351.8	350.7	347.2	344.7	343.6
15.5°	346.4	348.5	351.5	353.0	353.7	353.3	349.8	349.5	345.9	344.4	341.6
16°	344.6	346.5	350.2	350.6	351.8	351.7	348.6	348.2	344.3	343.4	340.4
16.5°	343.2	345.7	348.4	348.6	350.4	350.0	346.0	346.8	343.4	340.9	338.8
17°	340.4	344.2	346.3	346.8	349.5	348.1	346.4	345.3	340.6	339.1	337.3
17.5°	336.9	341.6	345.1	344.9	347.2	346.2	344.7	343.1	338.4	336.2	335.0
18°	336.9	340.4	342.2	343.9	345.5	345.3	342.2	340.2	336.3	334.6	331.8
18.5°	334.8	337.7	340.9	341.5	344.1	343.6	340.3	337.8	335.4	333.2	329.0
19°	333.4	336.3	338.2	339.1	341.7	340.8	337.6	335.6	334.4	330.3	327.8
19.5°	329.7	334.1	336.0	337.8	339.6	339.0	337.1	333.9	330.1	327.5	324.3
20°	327.5	331.7	333.4	335.8	338.1	336.3	334.7	332.0	328.6	325.1	323.2
20.5°	325.8	329.5	332.0	332.8	336.6	336.1	332.0	329.9	326.2	323.2	321.3
21°	324.8	327.6	330.0	330.9	334.2	334.1	329.3	328.0	324.0	320.4	318.0
21.5°	321.4	325.0	327.6	328.8	331.5	330.7	328.7	325.0	321.8	318.5	315.7
22°	319.5	322.9	325.4	327.3	330.2	329.9	325.4	323.4	319.3	315.4	313.7



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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°	316.4	320.7	322.7	325.4	328.2	326.9	324.1	320.9	316.2	313.7	309.7
23°	314.6	317.9	320.5	323.0	326.0	325.2	321.6	318.0	314.6	311.3	308.6
23.5°	312.6	315.3	318.3	320.1	323.6	323.0	319.6	315.1	312.8	309.4	307.0
24°	309.5	312.8	316.1	318.3	321.1	320.9	316.2	313.5	309.8	306.8	304.0
24.5°	306.5	310.0	313.4	315.9	318.4	316.7	312.1	311.8	307.3	304.5	301.1
25°	303.6	307.5	310.8	313.2	315.6	315.4	310.6	308.9	304.4	301.2	297.0
25.5°	301.0	305.0	308.6	310.5	313.2	312.6	308.0	306.3	302.0	299.1	293.7
26°	298.4	302.2	305.9	308.3	310.8	309.6	306.1	303.1	299.5	295.6	291.3
26.5°	295.4	299.3	303.2	305.6	308.9	307.1	303.6	300.6	297.2	293.5	290.0
27°	292.5	296.7	300.5	302.6	306.1	304.4	301.0	297.7	294.3	290.2	286.2
27.5°	290.5	294.1	297.5	300.0	303.7	301.7	298.3	295.2	291.0	286.6	283.4
28°	287.4	290.8	294.3	297.2	300.9	299.3	295.0	292.5	287.7	283.4	280.7
28.5°	284.0	287.8	291.4	294.5	298.4	297.4	292.7	289.1	284.9	280.6	278.2
29°	281.1	285.0	288.3	291.6	295.7	294.7	289.6	286.5	281.7	278.1	275.1
29.5°	277.9	282.0	285.7	288.4	292.6	291.8	287.0	283.8	278.6	274.9	273.2
30°	274.5	279.0	282.8	285.7	289.9	288.8	283.5	280.3	276.1	272.2	269.1
30.5°	271.5	276.1	279.6	282.8	287.0	285.9	281.1	277.4	273.7	269.4	265.7
31°	268.7	272.9	276.6	279.7	283.7	282.6	278.4	274.6	270.4	267.2	263.8
31.5°	266.6	269.6	273.7	276.7	280.5	279.8	275.7	272.1	266.9	263.5	259.5
32°	263.2	266.6	270.9	273.8	277.7	276.2	272.1	269.5	264.1	260.1	256.1
32.5°	259.8	263.4	267.8	271.1	274.4	273.1	269.9	266.0	261.1	257.6	252.7
33°	256.3	260.2	264.7	268.0	271.4	271.2	266.6	262.5	257.6	254.8	250.8
33.5°	253.5	257.1	261.9	264.7	267.8	268.1	263.6	260.0	254.6	251.1	247.3
34°	250.3	253.7	258.4	261.3	265.3	264.6	260.5	257.7	251.8	247.9	243.9
34.5°	246.8	250.2	255.1	257.8	261.8	261.8	257.3	254.3	248.6	244.1	240.2
35°	243.5	246.9	251.6	254.8	258.4	258.7	253.9	250.4	245.5	241.2	237.0
35.5°	240.6	244.1	248.1	251.4	255.9	255.4	250.5	247.2	242.2	238.1	233.4
36°	237.2	240.7	244.8	248.2	252.5	252.1	247.5	244.2	238.8	234.8	231.0
36.5°	233.8	237.7	241.6	245.0	249.1	248.9	244.3	240.3	236.0	231.4	227.5
37°	230.4	234.3	238.3	241.7	246.7	245.4	241.5	237.7	232.7	228.0	224.5
37.5°	226.9	230.9	235.2	238.5	243.2	241.9	238.4	234.6	229.4	225.0	220.5
38°	223.8	228.0	232.0	235.3	240.4	239.0	234.8	231.6	226.1	221.5	217.7
38.5°	220.5	224.5	228.5	232.1	236.9	235.9	231.2	228.0	222.9	218.1	214.4
39°	217.1	221.2	225.1	228.7	233.4	232.7	228.3	224.5	219.7	214.8	211.5
39.5°	213.7	217.6	221.9	225.4	229.9	229.2	225.0	221.2	216.3	211.7	208.3
40°	210.2	214.1	218.8	221.9	226.3	225.7	221.0	217.8	213.0	208.8	204.9
40.5°	206.8	210.7	215.3	218.4	222.7	222.1	217.5	214.6	209.8	205.6	202.7
41°	203.4	207.2	211.8	214.9	219.0	218.8	214.3	211.4	206.5	202.2	197.7
41.5°	199.9	203.4	208.4	211.5	216.0	215.3	211.4	208.1	203.2	199.1	194.8
42°	196.5	199.9	204.9	208.0	212.7	211.9	208.2	204.5	199.9	195.6	191.4
42.5°	193.0	196.6	201.4	204.5	209.1	208.1	204.8	201.5	196.4	192.1	188.2
43°	189.7	192.8	197.7	201.2	205.7	204.8	201.0	197.7	192.9	188.7	184.8
43.5°	186.0	189.4	193.9	197.6	202.2	201.4	197.8	194.3	189.3	185.2	181.5
44°	182.7	185.8	190.2	193.9	198.5	197.9	194.4	190.8	186.0	181.6	178.0
44.5°	179.0	182.1	186.3	190.2	194.5	194.5	191.0	187.2	182.4	178.2	174.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	175.2	178.3	182.3	186.5	190.4	190.4	187.6	183.7	178.9	174.7	171.2
45.5°	171.6	174.7	178.4	182.6	186.8	186.8	184.0	180.2	175.2	171.3	167.7
46°	167.7	171.0	174.9	178.7	183.0	183.1	180.6	176.7	171.8	167.6	164.1
46.5°	164.0	167.3	171.2	174.9	179.4	179.3	176.6	173.5	168.1	164.3	160.3
47°	160.3	163.5	167.4	171.1	175.6	175.5	172.9	169.5	164.6	160.6	156.6
47.5°	156.3	159.8	163.8	167.2	171.6	171.6	169.1	166.0	160.8	157.1	153.1
48°	152.4	156.0	160.2	163.5	167.7	167.6	165.4	162.1	157.1	153.0	149.6
48.5°	148.6	152.0	156.2	159.9	164.1	164.0	161.6	158.7	153.6	149.4	146.0
49°	144.7	148.0	152.3	156.2	160.2	160.1	157.4	155.0	149.9	145.6	141.9
49.5°	140.9	144.2	148.3	152.5	156.3	156.5	153.7	151.1	146.2	141.9	138.3
50°	137.2	140.2	144.4	148.3	152.2	152.7	150.1	147.2	142.5	138.2	134.2
50.5°	133.3	136.3	140.6	144.4	148.6	148.5	146.2	143.5	138.7	134.3	130.4
51°	129.5	132.5	136.8	140.7	144.3	144.9	142.1	139.9	135.1	130.7	126.8
51.5°	125.8	129.0	132.9	136.7	140.7	140.8	138.4	136.1	131.5	127.0	123.1
52°	121.9	125.2	129.1	132.9	137.0	136.9	134.6	132.0	127.8	123.1	119.7
52.5°	118.2	121.5	125.3	129.4	133.0	133.2	130.9	128.3	123.9	119.6	115.8
53°	114.4	117.7	121.6	125.7	129.3	129.4	127.2	124.6	120.2	116.1	112.2
53.5°	110.8	113.9	117.9	121.8	125.6	125.5	123.3	120.9	116.1	112.2	108.3
54°	107.1	110.3	114.2	118.1	121.4	121.7	119.4	117.1	112.5	108.3	104.6
54.5°	103.5	106.8	110.7	114.5	117.9	118.1	115.7	113.5	109.0	104.8	101.2
55°	99.8	103.2	107.1	110.7	114.0	114.4	112.2	109.6	105.6	101.5	97.9
55.5°	96.2	99.7	103.5	106.9	110.3	110.7	108.6	106.1	102.1	98.1	94.6
56°	92.8	95.9	99.9	103.5	106.6	106.9	105.1	102.7	98.6	94.5	91.0
56.5°	89.4	92.4	96.3	99.9	102.9	103.4	101.5	99.1	95.1	91.1	87.6
57°	85.8	89.0	92.8	96.4	99.5	99.8	98.0	95.7	91.8	87.8	84.2
57.5°	82.3	85.5	89.4	92.9	96.1	96.3	94.7	92.2	88.4	84.3	81.0
58°	78.9	82.1	85.8	89.4	92.8	92.8	91.3	88.8	85.0	81.0	77.9
58.5°	75.5	78.8	82.4	85.9	89.3	89.3	87.9	85.3	81.7	77.9	74.9
59°	72.1	75.2	79.0	82.4	85.8	85.9	84.3	82.0	78.2	74.8	71.6
59.5°	68.8	71.9	75.6	78.9	82.3	82.5	80.8	78.6	75.0	71.5	68.6
60°	65.7	68.7	72.0	75.5	78.9	79.3	77.7	75.5	71.9	68.7	65.8
60.5°	62.7	65.7	68.9	72.1	75.5	76.1	74.5	72.2	68.8	65.7	62.8
61°	59.7	62.6	65.7	68.7	72.2	72.8	71.3	69.1	65.8	62.8	59.9
61.5°	57.1	59.8	62.7	65.3	69.0	69.6	68.1	66.1	62.9	59.9	57.2
62°	54.3	57.0	59.9	62.4	65.9	66.6	65.1	63.2	60.1	57.2	54.4
62.5°	51.4	54.1	57.0	59.5	62.9	63.3	62.1	60.3	57.4	54.4	52.0
63°	48.7	51.4	54.2	56.6	59.9	60.3	59.2	57.4	54.6	51.8	49.4
63.5°	46.2	48.7	51.4	53.7	56.9	57.4	56.4	54.5	51.8	49.3	46.9
64°	43.6	46.1	48.6	50.9	53.9	54.5	53.5	51.9	49.2	46.8	44.5
64.5°	41.4	43.6	46.0	48.1	51.1	51.7	50.9	49.2	46.7	44.4	42.2
65°	39.0	41.4	43.5	45.3	48.4	48.9	48.2	46.7	44.2	42.0	39.9
65.5°	36.8	38.9	41.1	42.8	45.6	46.3	45.7	44.1	42.0	39.8	37.8
66°	34.6	36.6	38.5	40.3	43.1	43.8	43.1	41.7	39.5	37.5	35.8
66.5°	32.6	34.5	36.3	38.0	40.5	41.2	40.7	39.4	37.3	35.4	33.8
67°	30.6	32.3	34.1	35.7	38.1	38.9	38.2	37.2	35.2	33.4	31.9



TEST NUMBER: P565409

CATALOG NUMBER: LTQL4069S1EDM-4000K-UNIT

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	28.7	30.4	32.0	33.5	35.8	36.6	36.1	34.9	33.3	31.6	30.0
68°	26.9	28.5	30.0	31.4	33.5	34.3	33.9	32.9	31.3	29.8	28.3
68.5°	25.2	26.8	28.2	29.4	31.5	32.1	31.8	31.0	29.5	28.0	26.7
69°	23.8	25.0	26.3	27.5	29.4	30.2	29.9	29.1	27.7	26.3	25.1
69.5°	22.3	23.7	24.7	25.7	27.4	28.2	28.0	27.2	26.0	24.8	23.6
70°	20.9	22.1	23.3	24.1	25.7	26.3	26.2	25.6	24.4	23.3	22.4
70.5°	19.6	20.6	21.8	22.7	24.0	24.6	24.6	24.0	23.1	22.2	21.2
71°	18.4	19.3	20.4	21.3	22.6	23.1	23.1	22.6	21.8	20.8	19.9
71.5°	17.2	18.1	19.1	19.9	21.0	21.7	21.6	21.2	20.3	19.5	18.7
72°	16.2	17.0	17.8	18.6	19.6	20.3	20.2	19.8	19.1	18.4	17.6
72.5°	15.2	15.9	16.7	17.4	18.3	18.8	18.9	18.6	18.1	17.3	16.4
73°	14.2	14.9	15.6	16.3	17.1	17.6	17.7	17.3	16.9	16.2	15.5
73.5°	13.4	14.0	14.7	15.2	15.9	16.4	16.6	16.3	15.8	15.2	14.6
74°	12.6	13.1	13.7	14.4	14.9	15.3	15.4	15.2	14.9	14.3	13.8
74.5°	11.9	12.4	12.9	13.4	13.9	14.3	14.4	14.3	13.9	13.5	12.9
75°	11.3	11.6	12.1	12.7	13.0	13.4	13.6	13.5	13.1	12.8	12.1
75.5°	10.6	10.9	11.4	12.0	12.2	12.5	12.7	12.7	12.3	11.9	11.4
76°	10.0	10.3	10.8	11.3	11.4	11.7	11.9	11.8	11.5	11.2	10.7
76.5°	9.5	9.7	10.2	10.6	10.7	10.9	11.2	11.1	10.8	10.5	10.1
77°	9.0	9.2	9.5	10.0	10.1	10.4	10.5	10.5	10.3	9.9	9.5
77.5°	8.4	8.7	9.1	9.5	9.4	9.7	9.8	9.8	9.6	9.3	8.9
78°	7.9	8.2	8.5	9.0	8.9	9.4	9.3	9.4	9.1	8.8	8.4
78.5°	7.4	7.8	8.1	8.3	8.3	8.6	8.7	8.7	8.4	8.3	7.9
79°	7.1	7.4	7.6	7.9	7.8	8.2	8.3	8.2	8.0	7.7	7.5
79.5°	6.7	7.0	7.2	7.5	7.3	7.5	7.7	7.6	7.4	7.2	7.0
80°	6.3	6.6	6.8	7.2	7.1	7.1	7.2	7.2	7.0	6.7	6.5
80.5°	5.9	6.2	6.5	6.8	6.5	6.7	6.9	6.7	6.5	6.4	6.1
81°	5.6	5.9	6.2	6.5	6.1	6.3	6.4	6.3	6.1	6.0	5.9
81.5°	5.1	5.6	5.8	6.0	5.9	6.0	6.0	6.0	5.7	5.5	5.4
82°	4.7	5.0	5.6	5.7	5.4	5.6	5.8	5.6	5.3	5.0	5.2
82.5°	4.3	4.6	5.0	5.3	5.2	5.2	5.3	5.2	5.2	4.9	5.0
83°	3.9	4.2	4.7	4.9	5.1	5.1	5.1	5.1	4.8	4.2	4.1
83.5°	3.5	3.8	4.2	4.5	4.3	4.5	4.9	4.3	4.0	3.9	3.8
84°	3.0	3.4	3.8	4.1	3.9	4.0	4.1	3.8	3.8	3.4	3.4
84.5°	2.6	3.0	3.5	3.8	3.9	3.8	3.8	3.6	3.2	3.0	3.0
85°	2.4	2.6	3.1	3.4	3.1	3.3	3.3	3.1	2.8	2.7	2.8
85.5°	2.0	2.3	2.7	3.0	2.8	2.9	2.9	2.7	2.5	2.2	2.2
86°	1.6	1.9	2.4	2.6	2.6	2.8	2.6	2.2	1.9	1.8	1.8
86.5°	1.3	1.5	2.1	2.2	2.0	2.2	2.1	1.8	1.7	1.5	1.6
87°	1.0	1.2	1.7	1.9	1.7	1.7	1.7	1.5	1.3	1.1	1.1
87.5°	0.7	1.0	1.4	1.6	1.3	1.5	1.5	1.0	0.8	0.7	0.7
88°	0.4	0.7	1.0	1.3	1.0	1.0	1.0	0.7	0.6	0.7	0.5
88.5°	0.2	0.4	0.7	0.9	0.6	0.8	0.8	0.5	0.5	0.3	0.1
89°	0.1	0.2	0.4	0.6	0.5	0.5	0.6	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: P565409

CATALOG NUMBER: LTQL4069S1EDM-4000K-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: P565409
 CATALOG NUMBER: LTQL4069S1EDM-4000K-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	0.4
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	0.4	0.4
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	0.4	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: P565409
 CATALOG NUMBER: LTQL4069S1EDM-4000K-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	0.6	0.6
137.5°	0.1	0.0	0.0	0.1	0.3	0.4	0.4	0.6	0.5	0.6	0.6
138°	0.1	0.1	0.0	0.5	0.3	0.4	0.4	0.6	0.5	0.5	0.6
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°	0.6	0.5	0.1	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6
140°	0.6	0.5	0.2	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.6
140.5°	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6
141°	0.6	0.6	0.7	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6
141.5°	0.7	0.7	0.7	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6
142°	0.7	0.7	0.7	0.4	0.5	0.4	0.6	0.5	0.6	0.6	0.6
142.5°	0.7	0.8	0.7	0.4	0.5	0.4	0.5	0.5	0.6	0.6	0.6
143°	0.7	0.8	0.8	0.4	0.5	0.6	0.6	0.5	0.7	0.6	0.6
143.5°	0.7	0.8	0.8	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6
144°	0.8	0.8	0.7	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
144.5°	0.8	0.8	0.7	0.5	0.5	0.6	0.6	0.6	0.7	0.6	0.6
145°	0.9	0.8	0.7	0.6	0.5	0.6	0.6	0.6	0.7	0.6	0.7
145.5°	0.8	0.8	0.7	0.6	0.5	0.6	0.6	0.6	0.7	0.7	0.7
146°	0.8	0.8	0.7	0.7	0.5	0.6	0.6	0.6	0.8	0.8	0.7
146.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.8	0.8	0.7
147°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.8	0.7	0.7	0.8
147.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8
148°	0.8	0.8	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.8	0.7
148.5°	0.8	0.8	0.8	0.7	0.6	0.6	0.7	0.7	0.8	0.8	0.8
149°	0.8	0.8	0.8	0.7	0.6	0.7	0.7	0.7	0.8	0.8	0.8
149.5°	0.8	0.8	0.8	0.7	0.6	0.6	0.7	0.8	0.8	0.8	0.8
150°	0.8	0.8	0.8	0.7	0.7	0.6	0.7	0.8	0.8	0.8	0.8
150.5°	0.8	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.8
151°	0.8	0.8	0.8	0.8	0.6	0.7	0.7	0.8	0.8	0.9	0.8
151.5°	0.8	0.8	0.8	0.8	0.6	0.7	0.7	0.9	0.8	0.9	0.8
152°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.8	0.9	0.8
152.5°	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.9	0.8
153°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.8	0.9	0.8
153.5°	0.8	0.8	0.8	0.8	0.7	0.7	0.8	0.9	0.8	0.9	0.8
154°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.8
154.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.8
155°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	1.0	0.8	1.0	0.8
155.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.9	0.8
156°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.8
156.5°	0.8	0.8	0.8	0.8	0.9	0.9	0.8	0.9	0.8	0.9	0.8
157°	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.8	0.8	0.8



TEST NUMBER: P565409

CATALOG NUMBER: LTQL4069S1EDM-4000K-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	0.8	0.8	0.8
158°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
158.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
159°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
159.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
160°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
160.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
161°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
161.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
162°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
162.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
163°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
163.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
164°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
164.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
165°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
165.5°	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.8	0.8	0.8
166°	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.9	0.8	0.8	0.8
166.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
167°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
167.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
168°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
168.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
169°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
169.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
170°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
170.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
171°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
171.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
172°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
172.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
173°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
173.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
174°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
174.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
175°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
175.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
176°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
176.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
177°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
177.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
178°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
178.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
179°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8
179.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8



TEST NUMBER: P565409
CATALOG NUMBER: LTQL4069S1EDM-4000K-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: P565409

CATALOG NUMBER: LTQL4069S1EDM-4000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	374.2	374.2	374.2	374.2	374.2	374.2
0.5°	373.8	373.6	375.3	372.9	373.9	373.6
1°	374.1	373.5	374.5	372.1	373.8	373.7
1.5°	373.6	370.9	373.7	371.8	373.8	373.5
2°	374.8	371.0	374.1	370.6	373.9	373.0
2.5°	372.7	370.4	372.9	370.2	372.6	372.0
3°	371.6	370.1	371.9	371.5	371.9	372.7
3.5°	372.8	369.9	371.2	369.8	373.2	371.5
4°	371.6	370.8	369.5	370.4	370.4	371.5
4.5°	371.4	369.9	371.0	367.9	371.1	370.7
5°	370.8	368.3	369.4	366.7	370.6	370.2
5.5°	369.7	366.5	368.8	367.1	369.4	370.9
6°	368.6	366.8	368.4	366.0	367.5	368.2
6.5°	366.8	364.9	367.6	366.5	368.5	368.2
7°	365.8	363.2	365.8	365.2	366.9	368.2
7.5°	365.4	363.1	364.3	362.7	366.0	367.0
8°	364.3	361.7	363.2	360.9	364.9	366.2
8.5°	362.7	360.7	363.4	359.1	364.2	365.2
9°	361.7	358.9	360.8	360.6	362.7	363.4
9.5°	360.7	357.1	359.1	359.8	362.6	363.2
10°	360.2	355.0	359.0	358.1	360.5	362.0
10.5°	358.0	353.9	357.6	357.7	359.2	361.4
11°	355.2	352.5	356.1	356.9	358.3	359.1
11.5°	354.7	351.5	353.8	353.8	356.8	357.9
12°	354.0	350.7	353.0	353.1	355.5	356.9
12.5°	351.7	349.3	350.3	351.9	354.4	354.8
13°	349.8	346.9	349.3	348.6	353.1	354.6
13.5°	348.1	345.2	347.4	346.6	351.4	353.6
14°	346.6	343.5	345.7	346.3	349.2	351.8
14.5°	343.7	342.5	343.0	343.8	347.3	349.3
15°	342.2	340.3	341.4	342.6	345.7	348.1
15.5°	340.5	338.1	339.6	341.5	344.2	346.4
16°	338.5	335.9	337.9	339.4	341.8	344.6
16.5°	337.6	333.0	335.2	336.2	339.7	343.2
17°	334.7	331.8	332.9	334.3	338.6	340.4
17.5°	332.5	329.4	331.5	332.0	337.1	336.9
18°	330.5	326.9	329.6	330.1	334.1	336.9
18.5°	329.0	323.5	327.1	327.8	332.4	334.8
19°	326.6	322.4	324.5	326.2	330.5	333.4
19.5°	324.2	320.4	322.6	323.9	327.5	329.7
20°	321.1	317.9	320.2	321.4	325.3	327.5
20.5°	320.1	315.9	318.2	319.0	323.3	325.8
21°	316.9	313.1	315.0	316.9	321.0	324.8
21.5°	314.4	310.4	312.8	314.4	318.7	321.4
22°	312.0	308.3	309.8	311.8	316.4	319.5



TEST NUMBER: P565409

CATALOG NUMBER: LTQL4069S1EDM-4000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	309.0	305.4	307.8	309.2	313.6	316.4
23°	307.7	302.9	305.3	306.9	311.2	314.6
23.5°	304.4	299.7	302.6	304.3	308.7	312.6
24°	302.4	297.5	299.8	301.3	306.2	309.5
24.5°	299.4	294.8	296.9	298.7	303.4	306.5
25°	296.0	291.7	294.3	296.0	300.5	303.6
25.5°	293.0	289.2	291.5	293.1	297.6	301.0
26°	290.6	286.6	288.7	290.3	294.7	298.4
26.5°	287.4	283.5	285.3	287.2	291.8	295.4
27°	284.8	280.4	282.4	284.1	289.4	292.5
27.5°	281.7	277.5	278.9	281.2	286.7	290.5
28°	279.4	274.6	276.5	278.5	283.6	287.4
28.5°	276.5	271.8	273.7	275.6	280.4	284.0
29°	273.3	268.7	270.9	272.5	277.6	281.1
29.5°	270.6	265.4	267.6	269.6	274.5	277.9
30°	267.1	262.4	264.7	266.5	271.7	274.5
30.5°	263.5	259.3	261.6	263.2	268.6	271.5
31°	260.4	255.9	258.4	260.4	265.3	268.7
31.5°	257.7	252.7	255.1	257.4	262.1	266.6
32°	254.4	249.5	251.9	254.5	259.1	263.2
32.5°	251.2	246.5	248.6	251.5	255.8	259.8
33°	247.7	243.2	245.5	248.2	252.7	256.3
33.5°	245.2	240.4	242.7	244.8	249.6	253.5
34°	242.4	237.0	239.7	241.5	246.4	250.3
34.5°	239.2	233.7	236.5	238.2	243.0	246.8
35°	235.1	230.6	233.0	235.1	239.8	243.5
35.5°	231.7	227.4	229.9	231.9	236.9	240.6
36°	229.0	224.3	226.7	228.5	233.6	237.2
36.5°	225.5	221.1	223.3	225.2	230.3	233.8
37°	222.1	217.7	219.8	222.2	227.0	230.4
37.5°	218.8	214.3	216.3	218.9	223.7	226.9
38°	215.6	210.9	213.0	215.6	220.3	223.8
38.5°	212.2	207.6	209.7	212.3	216.9	220.5
39°	209.1	204.2	206.4	208.9	213.6	217.1
39.5°	205.6	201.1	203.1	205.7	210.2	213.7
40°	202.4	197.8	199.8	202.2	206.7	210.2
40.5°	198.8	194.5	196.6	199.1	203.2	206.8
41°	195.4	191.3	193.4	195.7	199.9	203.4
41.5°	192.1	187.7	189.9	192.2	196.4	199.9
42°	189.1	184.3	186.5	188.6	192.9	196.5
42.5°	185.9	181.1	183.0	185.3	189.5	193.0
43°	182.4	177.7	179.6	181.8	186.0	189.7
43.5°	179.1	174.2	176.1	178.3	182.6	186.0
44°	175.7	170.8	172.7	174.6	179.0	182.7
44.5°	172.3	167.4	169.2	171.2	175.6	179.0



TEST NUMBER: P565409

CATALOG NUMBER: LTQL4069S1EDM-4000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	168.9	164.0	165.7	167.6	171.8	175.2
45.5°	165.2	160.7	162.3	164.1	168.1	171.6
46°	161.7	157.3	158.6	160.5	164.4	167.7
46.5°	157.7	153.8	154.7	156.5	160.7	164.0
47°	154.0	149.9	151.0	152.7	157.0	160.3
47.5°	150.4	146.2	147.3	149.0	153.1	156.3
48°	146.8	142.5	143.5	145.2	149.1	152.4
48.5°	142.7	138.8	140.0	141.6	145.4	148.6
49°	139.0	135.0	136.0	137.7	141.5	144.7
49.5°	135.4	131.4	132.3	133.8	137.7	140.9
50°	131.8	127.7	128.6	130.0	133.8	137.2
50.5°	128.0	124.3	124.8	126.2	130.3	133.3
51°	124.3	120.5	121.1	122.4	126.5	129.5
51.5°	120.4	116.8	117.5	118.6	122.7	125.8
52°	116.5	113.1	113.6	115.0	118.9	121.9
52.5°	112.9	109.7	110.0	111.5	115.2	118.2
53°	109.1	105.9	106.2	108.1	111.4	114.4
53.5°	105.6	102.4	102.7	104.5	107.8	110.8
54°	102.1	98.9	99.2	100.7	104.2	107.1
54.5°	98.7	95.4	95.7	97.1	100.5	103.5
55°	95.3	92.0	92.3	93.6	97.1	99.8
55.5°	92.0	88.4	88.7	90.2	93.6	96.2
56°	88.5	85.1	85.3	86.8	90.1	92.8
56.5°	85.2	81.5	82.0	83.3	86.6	89.4
57°	81.9	78.2	78.5	79.8	83.1	85.8
57.5°	78.6	75.0	75.2	76.4	79.7	82.3
58°	75.6	72.0	72.3	73.1	76.3	78.9
58.5°	72.4	68.9	69.1	70.1	72.9	75.5
59°	69.3	65.9	66.1	67.1	69.7	72.1
59.5°	66.5	63.1	63.2	64.0	66.5	68.8
60°	63.5	60.2	60.2	61.1	63.5	65.7
60.5°	60.5	57.6	57.6	58.5	60.5	62.7
61°	58.1	54.9	54.8	55.5	57.7	59.7
61.5°	55.3	52.3	52.1	52.8	54.9	57.1
62°	52.8	49.9	49.5	50.2	52.2	54.3
62.5°	50.1	47.3	47.1	47.6	49.5	51.4
63°	47.7	44.8	44.6	45.1	46.9	48.7
63.5°	45.3	42.6	42.3	42.7	44.4	46.2
64°	42.9	40.4	40.1	40.5	42.0	43.6
64.5°	40.6	38.2	38.0	38.2	39.7	41.4
65°	38.5	36.3	36.0	36.1	37.4	39.0
65.5°	36.4	34.3	33.9	34.1	35.3	36.8
66°	34.3	32.5	32.1	32.2	33.2	34.6
66.5°	32.5	30.6	30.2	30.3	31.2	32.6
67°	30.5	29.0	28.5	28.5	29.3	30.6



TEST NUMBER: P565409
 CATALOG NUMBER: LTQL4069S1EDM-4000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	29.0	27.4	26.9	26.8	27.6	28.7
68°	27.2	25.8	25.3	25.2	25.9	26.9
68.5°	25.5	24.2	24.0	23.9	24.3	25.2
69°	24.0	23.1	22.7	22.4	23.0	23.8
69.5°	23.0	21.8	21.3	21.2	21.6	22.3
70°	21.7	20.5	20.1	19.9	20.2	20.9
70.5°	20.4	19.4	19.0	18.7	19.0	19.6
71°	19.1	18.3	17.8	17.5	17.9	18.4
71.5°	18.0	17.2	16.8	16.5	16.8	17.2
72°	16.9	16.2	15.8	15.5	15.8	16.2
72.5°	15.8	15.3	14.8	14.6	14.8	15.2
73°	14.9	14.4	14.0	13.8	14.0	14.2
73.5°	14.0	13.6	13.3	13.0	13.1	13.4
74°	13.1	12.8	12.5	12.3	12.4	12.6
74.5°	12.3	12.2	11.8	11.6	11.7	11.9
75°	11.6	11.5	11.2	11.0	11.0	11.3
75.5°	11.0	10.8	10.5	10.3	10.4	10.6
76°	10.5	10.2	10.0	9.8	9.8	10.0
76.5°	9.7	9.6	9.4	9.2	9.3	9.5
77°	9.1	9.1	8.9	8.7	8.8	9.0
77.5°	8.6	8.6	8.3	8.3	8.3	8.4
78°	8.2	8.1	7.9	7.8	7.9	7.9
78.5°	7.5	7.7	7.5	7.4	7.4	7.4
79°	7.3	7.3	7.2	7.1	7.0	7.1
79.5°	6.7	6.9	6.8	6.7	6.7	6.7
80°	6.3	6.5	6.4	6.3	6.3	6.3
80.5°	6.0	6.1	6.0	5.9	5.9	5.9
81°	5.5	5.7	5.6	5.6	5.5	5.6
81.5°	5.2	5.3	5.2	5.1	5.0	5.1
82°	5.1	5.0	4.8	4.7	4.6	4.7
82.5°	4.3	4.5	4.4	4.3	4.2	4.3
83°	4.0	4.1	4.0	3.9	3.8	3.9
83.5°	3.6	3.8	3.6	3.5	3.4	3.5
84°	3.1	3.3	3.2	3.1	3.0	3.0
84.5°	2.7	2.9	2.9	2.8	2.6	2.6
85°	2.3	2.6	2.4	2.4	2.2	2.4
85.5°	2.0	2.2	2.1	2.0	1.8	2.0
86°	1.7	1.8	1.7	1.7	1.5	1.6
86.5°	1.3	1.5	1.4	1.4	1.2	1.3
87°	0.9	1.2	1.0	1.0	0.9	1.0
87.5°	0.6	0.8	0.7	0.7	0.6	0.7
88°	0.4	0.5	0.4	0.4	0.4	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: P565409
 CATALOG NUMBER: LTQL4069S1EDM-4000K-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: P565409
 CATALOG NUMBER: LTQL4069S1EDM-4000K-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: P565409
 CATALOG NUMBER: LTQL4069S1EDM-4000K-UNIT

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.6	0.0	0.0	0.0	0.0	0.0
135.5°	0.6	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	0.4	0.0	0.5	0.1
138°	0.6	0.0	0.4	0.1	0.5	0.1
138.5°	0.6	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	0.6	0.3	0.6	0.6
140°	0.6	0.2	0.6	0.3	0.6	0.6
140.5°	0.6	0.2	0.5	0.3	0.6	0.6
141°	0.6	0.3	0.5	0.3	0.6	0.6
141.5°	0.6	0.3	0.5	0.4	0.6	0.7
142°	0.6	0.2	0.6	0.6	0.8	0.7
142.5°	0.6	0.2	0.6	0.7	0.8	0.7
143°	0.6	0.5	0.6	0.6	0.8	0.7
143.5°	0.6	0.5	0.6	0.8	0.8	0.7
144°	0.6	0.5	0.7	0.8	0.8	0.8
144.5°	0.6	0.6	0.6	0.8	0.8	0.8
145°	0.7	0.8	0.6	0.8	0.8	0.9
145.5°	0.6	0.8	0.8	0.8	0.8	0.8
146°	0.6	0.8	0.7	1.0	0.8	0.8
146.5°	0.8	0.8	0.7	1.0	0.8	0.8
147°	0.8	0.8	0.7	0.9	0.8	0.8
147.5°	0.7	0.8	0.7	0.9	0.8	0.8
148°	0.7	0.8	0.8	0.9	0.8	0.8
148.5°	0.8	0.8	0.8	0.9	0.8	0.8
149°	0.8	0.8	0.8	0.9	0.8	0.8
149.5°	0.8	0.8	0.8	0.9	0.8	0.8
150°	0.8	0.8	0.8	0.9	0.8	0.8
150.5°	0.8	0.8	0.8	0.9	0.8	0.8
151°	0.8	0.8	0.8	0.9	0.8	0.8
151.5°	0.8	0.8	0.8	0.9	0.8	0.8
152°	0.8	0.8	0.8	0.9	0.8	0.8
152.5°	0.8	0.8	0.8	0.9	0.8	0.8
153°	0.8	0.8	0.8	0.9	0.8	0.8
153.5°	0.8	0.8	0.8	0.9	0.8	0.8
154°	0.8	0.8	0.8	0.9	0.8	0.8
154.5°	0.8	0.8	0.8	0.9	0.8	0.8
155°	0.8	0.8	0.8	0.9	0.8	0.8
155.5°	0.8	0.8	0.8	0.9	0.8	0.8
156°	0.8	0.8	0.8	0.9	0.8	0.8
156.5°	0.8	0.8	0.8	0.9	0.8	0.8
157°	0.8	0.8	0.8	0.9	0.8	0.8



TEST NUMBER: P565409

CATALOG NUMBER: LTQL4069S1EDM-4000K-UNIT

CANDELA DISTRIBUTION (continued):

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



TEST NUMBER: P565409
CATALOG NUMBER: LTQL4069S1EDM-4000K-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)