

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: HALO

Report Number: P1590592

Luminaire Tested: HCDLS510CSD6TRC-LO-2700K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590592
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2603928B003)
Test Lab: INNOVATION CENTER
Issue Date: 9/4/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: HCDLS510CSD6TRC-LO-2700K
Description: 6" Selectable Round Trim + Specular Clear 500 Lumens 2700K

Light Source:
Ballast/Driver: -

Summary

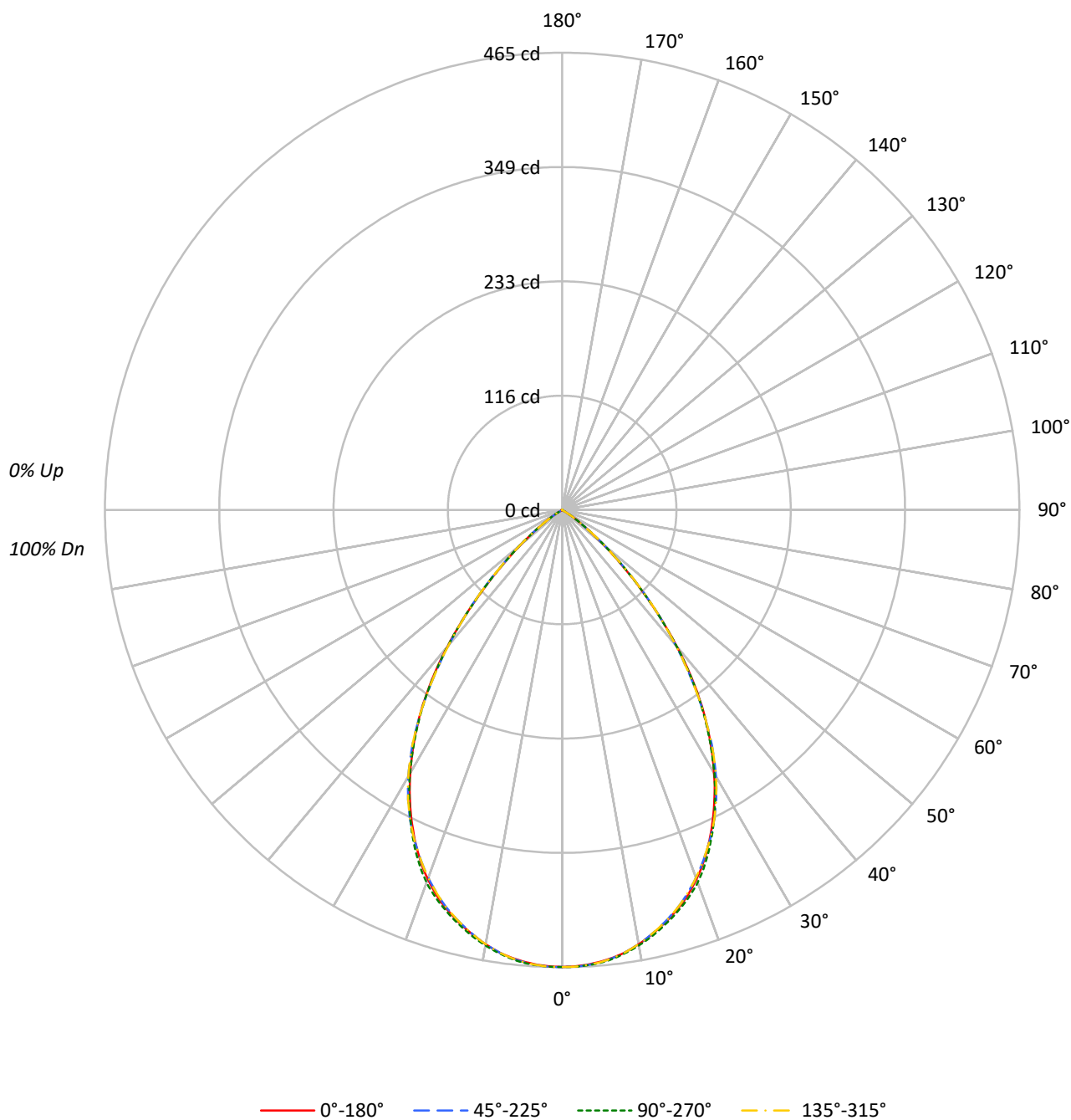
Lumens per Lamp: N/A
Luminaire Lumens: 590.8 lumens
Efficiency: N/A
Efficacy: 98.5 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	94	94	92
2	107	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	86	86	84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	79	79	77
4	94	86	80	75	92	85	79	75	83	78	74	80	76	73	79	75	72	72	72	70
5	89	79	73	68	87	78	72	68	77	71	67	75	70	67	73	69	66	66	66	64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	61	61	59
7	79	68	62	57	77	68	61	57	66	61	56	65	60	56	64	59	56	56	56	54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	52	52	50
9	70	59	53	48	69	59	53	48	58	52	48	57	52	48	56	51	48	48	48	46
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	44	44	44	43

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	25480	25480	25480	25480
5°	25358	25418	25358	25418
10°	24966	25027	24966	25027
15°	24285	24399	24285	24399
20°	23312	23516	23312	23516
25°	21709	21878	21709	21878
30°	19560	19598	19560	19598
35°	16771	16684	16771	16684
40°	12996	12989	12996	12989
45°	8613	8637	8613	8637
50°	4665	4784	4665	4784
55°	1912	1892	1912	1892
60°	208	175	208	175
65°	26	26	26	26
70°	16	0	16	0
75°	0	0	0	0
80°	0	0	0	0
85°	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 8753 cd/sqm

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.6	7.4
10°-20°	120.2	20.4
20°-30°	164.9	27.9
30°-40°	154.6	26.2
40°-50°	87.0	14.7
50°-60°	19.8	3.4
60°-70°	0.3	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.1	0.0
140°-150°	0.1	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	328.7	55.6
0°-40°	483.3	81.8
0°-60°	590.1	99.9
0°-90°	590.5	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	590.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	465	465	465	465	465	
5°	461	462	461	462	461	44
15°	428	430	428	430	428	120
25°	359	362	359	362	359	164
35°	251	249	251	249	251	155
45°	111	111	111	111	111	86
55°	20	20	20	20	20	20
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
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°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	464.8	464.8	464.8	464.8	464.8	464.8	464.8	464.8	464.8	464.8	464.8
0.5°	464.6	464.7	464.9	464.9	464.8	464.9	464.9	464.7	464.6	464.7	464.9
1°	464.5	464.6	464.8	464.8	464.7	464.8	464.8	464.6	464.5	464.6	464.8
1.5°	464.3	464.4	464.6	464.7	464.6	464.7	464.6	464.4	464.3	464.4	464.6
2°	464.0	464.1	464.4	464.5	464.4	464.5	464.4	464.1	464.0	464.1	464.4
2.5°	463.7	463.8	464.1	464.2	464.2	464.2	464.1	463.8	463.7	463.8	464.1
3°	463.3	463.4	463.7	463.8	463.9	463.8	463.7	463.4	463.3	463.4	463.7
3.5°	462.7	462.9	463.2	463.4	463.6	463.4	463.2	462.9	462.7	462.9	463.2
4°	462.1	462.3	462.6	462.9	463.1	462.9	462.6	462.3	462.1	462.3	462.6
4.5°	461.5	461.7	462.0	462.3	462.6	462.3	462.0	461.7	461.5	461.7	462.0
5°	460.8	460.9	461.3	461.5	461.9	461.5	461.3	460.9	460.8	460.9	461.3
5.5°	460.0	460.1	460.4	460.7	461.1	460.7	460.4	460.1	460.0	460.1	460.4
6°	459.1	459.3	459.4	459.7	460.2	459.7	459.4	459.3	459.1	459.3	459.4
6.5°	458.1	458.3	458.4	458.6	459.2	458.6	458.4	458.3	458.1	458.3	458.4
7°	457.0	457.3	457.2	457.4	458.1	457.4	457.2	457.3	457.0	457.3	457.2
7.5°	455.9	456.1	456.0	456.2	456.8	456.2	456.0	456.1	455.9	456.1	456.0
8°	454.6	454.9	454.7	454.8	455.6	454.8	454.7	454.9	454.6	454.9	454.7
8.5°	453.2	453.5	453.3	453.4	454.2	453.4	453.3	453.5	453.2	453.5	453.3
9°	451.7	452.1	451.7	451.9	452.7	451.9	451.7	452.1	451.7	452.1	451.7
9.5°	450.1	450.5	450.1	450.4	451.3	450.4	450.1	450.5	450.1	450.5	450.1
10°	448.5	448.8	448.4	448.8	449.6	448.8	448.4	448.8	448.5	448.8	448.4
10.5°	446.7	447.0	446.5	447.2	447.9	447.2	446.5	447.0	446.7	447.0	446.5
11°	444.8	445.1	444.7	445.4	446.2	445.4	444.7	445.1	444.8	445.1	444.7
11.5°	442.9	443.1	442.7	443.6	444.4	443.6	442.7	443.1	442.9	443.1	442.7
12°	441.0	441.1	440.6	441.8	442.5	441.8	440.6	441.1	441.0	441.1	440.6
12.5°	438.9	438.9	438.5	439.9	440.5	439.9	438.5	438.9	438.9	438.9	438.5
13°	436.8	436.7	436.3	437.9	438.6	437.9	436.3	436.7	436.8	436.7	436.3
13.5°	434.7	434.4	434.1	435.9	436.5	435.9	434.1	434.4	434.7	434.4	434.1
14°	432.5	432.1	431.9	433.7	434.3	433.7	431.9	432.1	432.5	432.1	431.9
14.5°	430.3	429.7	429.5	431.5	432.1	431.5	429.5	429.7	430.3	429.7	429.5
15°	427.9	427.2	427.1	429.2	429.9	429.2	427.1	427.2	427.9	427.2	427.1
15.5°	425.5	424.7	424.7	426.8	427.6	426.8	424.7	424.7	425.5	424.7	424.7
16°	423.1	422.2	422.2	424.3	425.2	424.3	422.2	422.2	423.1	422.2	422.2
16.5°	420.6	419.4	419.5	421.6	422.8	421.6	419.5	419.4	420.6	419.4	419.5
17°	418.0	416.7	416.7	418.9	420.3	418.9	416.7	416.7	418.0	416.7	416.7
17.5°	415.3	413.9	413.8	416.0	417.7	416.0	413.8	413.9	415.3	413.9	413.8
18°	412.4	411.0	410.9	413.1	415.0	413.1	410.9	411.0	412.4	411.0	410.9
18.5°	409.3	408.0	407.8	410.1	412.2	410.1	407.8	408.0	409.3	408.0	407.8
19°	406.2	405.0	404.6	407.1	409.3	407.1	404.6	405.0	406.2	405.0	404.6
19.5°	402.9	401.7	401.3	404.0	406.4	404.0	401.3	401.7	402.9	401.7	401.3
20°	399.6	398.4	398.0	400.7	403.1	400.7	398.0	398.4	399.6	398.4	398.0
20.5°	396.1	395.0	394.6	397.3	399.6	397.3	394.6	395.0	396.1	395.0	394.6
21°	392.5	391.5	391.1	393.7	396.0	393.7	391.1	391.5	392.5	391.5	391.1
21.5°	388.8	387.8	387.4	390.1	392.1	390.1	387.4	387.8	388.8	387.8	387.4
22°	384.8	384.1	383.7	386.2	388.1	386.2	383.7	384.1	384.8	384.1	383.7

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	380.8	380.1	380.0	382.4	384.0	382.4	380.0	380.1	380.8	380.1	380.0
23°	376.6	376.2	376.2	378.4	379.7	378.4	376.2	376.2	376.6	376.2	376.2
23.5°	372.3	372.2	372.4	374.3	375.4	374.3	372.4	372.2	372.3	372.2	372.4
24°	367.9	368.1	368.6	370.1	370.9	370.1	368.6	368.1	367.9	368.1	368.6
24.5°	363.5	364.0	364.6	365.9	366.3	365.9	364.6	364.0	363.5	364.0	364.6
25°	358.9	359.7	360.5	361.5	361.7	361.5	360.5	359.7	358.9	359.7	360.5
25.5°	354.3	355.4	356.4	357.1	356.8	357.1	356.4	355.4	354.3	355.4	356.4
26°	349.7	351.0	352.1	352.5	351.9	352.5	352.1	351.0	349.7	351.0	352.1
26.5°	344.9	346.5	347.7	347.9	346.9	347.9	347.7	346.5	344.9	346.5	347.7
27°	340.0	341.9	343.1	343.1	341.8	343.1	343.1	341.9	340.0	341.9	343.1
27.5°	335.1	337.1	338.5	338.3	336.7	338.3	338.5	337.1	335.1	337.1	338.5
28°	330.2	332.2	333.7	333.3	331.3	333.3	333.7	332.2	330.2	332.2	333.7
28.5°	325.0	327.3	328.7	328.2	326.1	328.2	328.7	327.3	325.0	327.3	328.7
29°	319.8	322.2	323.6	322.9	320.7	322.9	323.6	322.2	319.8	322.2	323.6
29.5°	314.4	316.9	318.4	317.5	315.3	317.5	318.4	316.9	314.4	316.9	318.4
30°	309.0	311.5	312.9	312.0	309.6	312.0	312.9	311.5	309.0	311.5	312.9
30.5°	303.5	306.0	307.3	306.2	303.9	306.2	307.3	306.0	303.5	306.0	307.3
31°	297.9	300.3	301.5	300.4	298.0	300.4	301.5	300.3	297.9	300.3	301.5
31.5°	292.3	294.6	295.6	294.5	292.1	294.5	295.6	294.6	292.3	294.6	295.6
32°	286.5	288.6	289.5	288.4	286.2	288.4	289.5	288.6	286.5	288.6	289.5
32.5°	280.8	282.7	283.3	282.3	280.1	282.3	283.3	282.7	280.8	282.7	283.3
33°	274.9	276.5	276.9	276.1	274.1	276.1	276.9	276.5	274.9	276.5	276.9
33.5°	269.1	270.3	270.5	269.7	267.9	269.7	270.5	270.3	269.1	270.3	270.5
34°	262.9	263.9	263.8	263.3	261.8	263.3	263.8	263.9	262.9	263.9	263.8
34.5°	256.9	257.5	257.1	256.7	255.6	256.7	257.1	257.5	256.9	257.5	257.1
35°	250.6	250.8	250.2	250.1	249.3	250.1	250.2	250.8	250.6	250.8	250.2
35.5°	244.3	244.1	243.3	243.4	243.1	243.4	243.3	244.1	244.3	244.1	243.3
36°	237.7	237.3	236.3	236.7	236.7	236.7	236.3	237.3	237.7	237.3	236.3
36.5°	231.1	230.5	229.3	229.9	230.2	229.9	229.3	230.5	231.1	230.5	229.3
37°	224.4	223.6	222.1	223.1	223.6	223.1	222.1	223.6	224.4	223.6	222.1
37.5°	217.5	216.6	215.0	216.2	216.7	216.2	215.0	216.6	217.5	216.6	215.0
38°	210.5	209.5	207.9	209.3	209.4	209.3	207.9	209.5	210.5	209.5	207.9
38.5°	203.5	202.5	200.8	202.2	202.4	202.2	200.8	202.5	203.5	202.5	200.8
39°	196.4	195.1	193.8	195.1	195.4	195.1	193.8	195.1	196.4	195.1	193.8
39.5°	188.9	188.0	186.9	188.1	188.5	188.1	186.9	188.0	188.9	188.0	186.9
40°	181.6	180.9	179.9	181.0	181.5	181.0	179.9	180.9	181.6	180.9	179.9
40.5°	174.3	174.0	173.0	173.8	174.5	173.8	173.0	174.0	174.3	174.0	173.0
41°	167.0	167.0	166.0	166.7	167.3	166.7	166.0	167.0	167.0	167.0	166.0
41.5°	159.7	159.9	159.0	159.7	160.1	159.7	159.0	159.9	159.7	159.9	159.0
42°	152.5	152.8	152.1	152.7	153.0	152.7	152.1	152.8	152.5	152.8	152.1
42.5°	145.3	145.7	145.4	145.9	145.8	145.9	145.4	145.7	145.3	145.7	145.4
43°	138.3	138.7	138.7	139.1	138.7	139.1	138.7	138.7	138.3	138.7	138.7
43.5°	131.4	131.8	132.1	132.4	131.6	132.4	132.1	131.8	131.4	131.8	132.1
44°	124.6	124.8	125.5	125.8	124.7	125.8	125.5	124.8	124.6	124.8	125.5
44.5°	117.8	118.2	119.1	119.4	118.0	119.4	119.1	118.2	117.8	118.2	119.1

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	111.1	111.7	112.8	112.9	111.4	112.9	112.8	111.7	111.1	111.7	112.8
45.5°	104.6	105.3	106.6	106.5	105.0	106.5	106.6	105.3	104.6	105.3	106.6
46°	98.1	99.1	100.3	100.2	98.8	100.2	100.3	99.1	98.1	99.1	100.3
46.5°	91.9	93.0	94.2	94.2	92.7	94.2	94.2	93.0	91.9	93.0	94.2
47°	85.9	87.0	88.2	88.2	86.9	88.2	88.2	87.0	85.9	87.0	88.2
47.5°	80.1	81.2	82.3	82.5	81.2	82.5	82.3	81.2	80.1	81.2	82.3
48°	74.4	75.6	76.6	76.8	75.7	76.8	76.6	75.6	74.4	75.6	76.6
48.5°	69.1	70.1	70.9	71.3	70.4	71.3	70.9	70.1	69.1	70.1	70.9
49°	64.0	64.9	65.5	66.1	65.4	66.1	65.5	64.9	64.0	64.9	65.5
49.5°	59.3	60.0	60.5	61.0	60.6	61.0	60.5	60.0	59.3	60.0	60.5
50°	54.7	55.3	55.7	56.3	56.1	56.3	55.7	55.3	54.7	55.3	55.7
50.5°	50.2	50.6	50.9	51.6	51.7	51.6	50.9	50.6	50.2	50.6	50.9
51°	45.9	46.1	46.2	47.1	47.3	47.1	46.2	46.1	45.9	46.1	46.2
51.5°	42.0	41.8	41.8	42.8	43.1	42.8	41.8	41.8	42.0	41.8	41.8
52°	38.2	37.9	37.6	38.7	39.0	38.7	37.6	37.9	38.2	37.9	37.6
52.5°	34.8	34.3	33.8	34.9	35.3	34.9	33.8	34.3	34.8	34.3	33.8
53°	31.5	30.9	30.4	31.5	31.8	31.5	30.4	30.9	31.5	30.9	30.4
53.5°	28.3	27.7	27.2	28.2	28.4	28.2	27.2	27.7	28.3	27.7	27.2
54°	25.4	24.8	24.3	25.2	25.4	25.2	24.3	24.8	25.4	24.8	24.3
54.5°	22.6	22.1	21.6	22.4	22.5	22.4	21.6	22.1	22.6	22.1	21.6
55°	20.0	19.5	19.1	19.7	19.8	19.7	19.1	19.5	20.0	19.5	19.1
55.5°	17.5	17.2	16.9	17.2	17.3	17.2	16.9	17.2	17.5	17.2	16.9
56°	15.4	15.1	14.8	15.1	15.1	15.1	14.8	15.1	15.4	15.1	14.8
56.5°	13.3	13.2	12.8	13.0	13.0	13.0	12.8	13.2	13.3	13.2	12.8
57°	11.4	11.3	10.9	11.0	11.1	11.0	10.9	11.3	11.4	11.3	10.9
57.5°	9.5	9.4	9.1	9.1	9.2	9.1	9.1	9.4	9.5	9.4	9.1
58°	7.6	7.6	7.3	7.3	7.2	7.3	7.3	7.6	7.6	7.6	7.3
58.5°	5.9	5.9	5.5	5.5	5.5	5.5	5.5	5.9	5.9	5.9	5.5
59°	4.1	4.3	3.8	3.8	3.8	3.8	3.8	4.3	4.1	4.3	3.8
59.5°	2.9	2.9	2.4	2.4	2.6	2.4	2.4	2.9	2.9	2.9	2.4
60°	1.9	1.9	1.6	1.5	1.6	1.5	1.6	1.9	1.9	1.9	1.6
60.5°	1.2	1.4	1.1	1.0	1.3	1.0	1.1	1.4	1.2	1.4	1.1
61°	1.0	1.1	0.8	0.8	1.1	0.8	0.8	1.1	1.0	1.1	0.8
61.5°	0.8	0.9	0.6	0.6	0.8	0.6	0.6	0.9	0.8	0.9	0.6
62°	0.6	0.7	0.5	0.5	0.6	0.5	0.5	0.7	0.6	0.7	0.5
62.5°	0.5	0.5	0.4	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.4
63°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
63.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
64°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
64.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
65°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
66°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
66.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
67°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
68°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
68.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
70.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
71°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
71.5°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
72°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

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	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
158°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
158.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
159°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
159.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
160°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
160.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
161°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
161.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
163°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
163.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
165°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
165.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
167°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
167.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
169°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
169.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
170°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
170.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
171°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
171.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
172°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
172.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
173°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
173.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
174°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
174.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
175°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
175.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
177°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
177.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
179°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
179.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2



TEST NUMBER: P1590592
CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	464.8	464.8	464.8	464.8	464.8	464.8
0.5°	464.9	464.8	464.9	464.9	464.7	464.6
1°	464.8	464.7	464.8	464.8	464.6	464.5
1.5°	464.7	464.6	464.7	464.6	464.4	464.3
2°	464.5	464.4	464.5	464.4	464.1	464.0
2.5°	464.2	464.2	464.2	464.1	463.8	463.7
3°	463.8	463.9	463.8	463.7	463.4	463.3
3.5°	463.4	463.6	463.4	463.2	462.9	462.7
4°	462.9	463.1	462.9	462.6	462.3	462.1
4.5°	462.3	462.6	462.3	462.0	461.7	461.5
5°	461.5	461.9	461.5	461.3	460.9	460.8
5.5°	460.7	461.1	460.7	460.4	460.1	460.0
6°	459.7	460.2	459.7	459.4	459.3	459.1
6.5°	458.6	459.2	458.6	458.4	458.3	458.1
7°	457.4	458.1	457.4	457.2	457.3	457.0
7.5°	456.2	456.8	456.2	456.0	456.1	455.9
8°	454.8	455.6	454.8	454.7	454.9	454.6
8.5°	453.4	454.2	453.4	453.3	453.5	453.2
9°	451.9	452.7	451.9	451.7	452.1	451.7
9.5°	450.4	451.3	450.4	450.1	450.5	450.1
10°	448.8	449.6	448.8	448.4	448.8	448.5
10.5°	447.2	447.9	447.2	446.5	447.0	446.7
11°	445.4	446.2	445.4	444.7	445.1	444.8
11.5°	443.6	444.4	443.6	442.7	443.1	442.9
12°	441.8	442.5	441.8	440.6	441.1	441.0
12.5°	439.9	440.5	439.9	438.5	438.9	438.9
13°	437.9	438.6	437.9	436.3	436.7	436.8
13.5°	435.9	436.5	435.9	434.1	434.4	434.7
14°	433.7	434.3	433.7	431.9	432.1	432.5
14.5°	431.5	432.1	431.5	429.5	429.7	430.3
15°	429.2	429.9	429.2	427.1	427.2	427.9
15.5°	426.8	427.6	426.8	424.7	424.7	425.5
16°	424.3	425.2	424.3	422.2	422.2	423.1
16.5°	421.6	422.8	421.6	419.5	419.4	420.6
17°	418.9	420.3	418.9	416.7	416.7	418.0
17.5°	416.0	417.7	416.0	413.8	413.9	415.3
18°	413.1	415.0	413.1	410.9	411.0	412.4
18.5°	410.1	412.2	410.1	407.8	408.0	409.3
19°	407.1	409.3	407.1	404.6	405.0	406.2
19.5°	404.0	406.4	404.0	401.3	401.7	402.9
20°	400.7	403.1	400.7	398.0	398.4	399.6
20.5°	397.3	399.6	397.3	394.6	395.0	396.1
21°	393.7	396.0	393.7	391.1	391.5	392.5
21.5°	390.1	392.1	390.1	387.4	387.8	388.8
22°	386.2	388.1	386.2	383.7	384.1	384.8

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	382.4	384.0	382.4	380.0	380.1	380.8
23°	378.4	379.7	378.4	376.2	376.2	376.6
23.5°	374.3	375.4	374.3	372.4	372.2	372.3
24°	370.1	370.9	370.1	368.6	368.1	367.9
24.5°	365.9	366.3	365.9	364.6	364.0	363.5
25°	361.5	361.7	361.5	360.5	359.7	358.9
25.5°	357.1	356.8	357.1	356.4	355.4	354.3
26°	352.5	351.9	352.5	352.1	351.0	349.7
26.5°	347.9	346.9	347.9	347.7	346.5	344.9
27°	343.1	341.8	343.1	343.1	341.9	340.0
27.5°	338.3	336.7	338.3	338.5	337.1	335.1
28°	333.3	331.3	333.3	333.7	332.2	330.2
28.5°	328.2	326.1	328.2	328.7	327.3	325.0
29°	322.9	320.7	322.9	323.6	322.2	319.8
29.5°	317.5	315.3	317.5	318.4	316.9	314.4
30°	312.0	309.6	312.0	312.9	311.5	309.0
30.5°	306.2	303.9	306.2	307.3	306.0	303.5
31°	300.4	298.0	300.4	301.5	300.3	297.9
31.5°	294.5	292.1	294.5	295.6	294.6	292.3
32°	288.4	286.2	288.4	289.5	288.6	286.5
32.5°	282.3	280.1	282.3	283.3	282.7	280.8
33°	276.1	274.1	276.1	276.9	276.5	274.9
33.5°	269.7	267.9	269.7	270.5	270.3	269.1
34°	263.3	261.8	263.3	263.8	263.9	262.9
34.5°	256.7	255.6	256.7	257.1	257.5	256.9
35°	250.1	249.3	250.1	250.2	250.8	250.6
35.5°	243.4	243.1	243.4	243.3	244.1	244.3
36°	236.7	236.7	236.7	236.3	237.3	237.7
36.5°	229.9	230.2	229.9	229.3	230.5	231.1
37°	223.1	223.6	223.1	222.1	223.6	224.4
37.5°	216.2	216.7	216.2	215.0	216.6	217.5
38°	209.3	209.4	209.3	207.9	209.5	210.5
38.5°	202.2	202.4	202.2	200.8	202.5	203.5
39°	195.1	195.4	195.1	193.8	195.1	196.4
39.5°	188.1	188.5	188.1	186.9	188.0	188.9
40°	181.0	181.5	181.0	179.9	180.9	181.6
40.5°	173.8	174.5	173.8	173.0	174.0	174.3
41°	166.7	167.3	166.7	166.0	167.0	167.0
41.5°	159.7	160.1	159.7	159.0	159.9	159.7
42°	152.7	153.0	152.7	152.1	152.8	152.5
42.5°	145.9	145.8	145.9	145.4	145.7	145.3
43°	139.1	138.7	139.1	138.7	138.7	138.3
43.5°	132.4	131.6	132.4	132.1	131.8	131.4
44°	125.8	124.7	125.8	125.5	124.8	124.6
44.5°	119.4	118.0	119.4	119.1	118.2	117.8

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	112.9	111.4	112.9	112.8	111.7	111.1
45.5°	106.5	105.0	106.5	106.6	105.3	104.6
46°	100.2	98.8	100.2	100.3	99.1	98.1
46.5°	94.2	92.7	94.2	94.2	93.0	91.9
47°	88.2	86.9	88.2	88.2	87.0	85.9
47.5°	82.5	81.2	82.5	82.3	81.2	80.1
48°	76.8	75.7	76.8	76.6	75.6	74.4
48.5°	71.3	70.4	71.3	70.9	70.1	69.1
49°	66.1	65.4	66.1	65.5	64.9	64.0
49.5°	61.0	60.6	61.0	60.5	60.0	59.3
50°	56.3	56.1	56.3	55.7	55.3	54.7
50.5°	51.6	51.7	51.6	50.9	50.6	50.2
51°	47.1	47.3	47.1	46.2	46.1	45.9
51.5°	42.8	43.1	42.8	41.8	41.8	42.0
52°	38.7	39.0	38.7	37.6	37.9	38.2
52.5°	34.9	35.3	34.9	33.8	34.3	34.8
53°	31.5	31.8	31.5	30.4	30.9	31.5
53.5°	28.2	28.4	28.2	27.2	27.7	28.3
54°	25.2	25.4	25.2	24.3	24.8	25.4
54.5°	22.4	22.5	22.4	21.6	22.1	22.6
55°	19.7	19.8	19.7	19.1	19.5	20.0
55.5°	17.2	17.3	17.2	16.9	17.2	17.5
56°	15.1	15.1	15.1	14.8	15.1	15.4
56.5°	13.0	13.0	13.0	12.8	13.2	13.3
57°	11.0	11.1	11.0	10.9	11.3	11.4
57.5°	9.1	9.2	9.1	9.1	9.4	9.5
58°	7.3	7.2	7.3	7.3	7.6	7.6
58.5°	5.5	5.5	5.5	5.5	5.9	5.9
59°	3.8	3.8	3.8	3.8	4.3	4.1
59.5°	2.4	2.6	2.4	2.4	2.9	2.9
60°	1.5	1.6	1.5	1.6	1.9	1.9
60.5°	1.0	1.3	1.0	1.1	1.4	1.2
61°	0.8	1.1	0.8	0.8	1.1	1.0
61.5°	0.6	0.8	0.6	0.6	0.9	0.8
62°	0.5	0.6	0.5	0.5	0.7	0.6
62.5°	0.3	0.3	0.3	0.4	0.5	0.5
63°	0.3	0.3	0.3	0.3	0.4	0.4
63.5°	0.3	0.3	0.3	0.3	0.3	0.3
64°	0.2	0.2	0.2	0.3	0.3	0.3
64.5°	0.2	0.2	0.2	0.2	0.3	0.3
65°	0.2	0.2	0.2	0.2	0.2	0.2
65.5°	0.2	0.2	0.2	0.2	0.2	0.2
66°	0.1	0.1	0.1	0.2	0.2	0.2
66.5°	0.1	0.1	0.1	0.1	0.2	0.2
67°	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.1	0.1	0.1	0.1	0.1	0.1
68°	0.1	0.1	0.1	0.1	0.1	0.1
68.5°	0.1	0.1	0.1	0.1	0.1	0.1
69°	0.1	0.1	0.1	0.1	0.1	0.1
69.5°	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.0	0.1	0.1	0.1	0.1
70.5°	0.0	0.0	0.0	0.1	0.1	0.1
71°	0.0	0.0	0.0	0.0	0.1	0.1
71.5°	0.0	0.0	0.0	0.0	0.0	0.1
72°	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0
73°	0.0	0.0	0.0	0.0	0.0	0.0
73.5°	0.0	0.0	0.0	0.0	0.0	0.0
74°	0.0	0.0	0.0	0.0	0.0	0.0
74.5°	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

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°	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
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: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

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°	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.2	0.2	0.2	0.2	0.2	0.2
158°	0.2	0.2	0.2	0.2	0.2	0.2
158.5°	0.2	0.2	0.2	0.2	0.2	0.2
159°	0.2	0.2	0.2	0.2	0.2	0.2
159.5°	0.2	0.2	0.2	0.2	0.2	0.2
160°	0.2	0.2	0.2	0.2	0.2	0.2
160.5°	0.2	0.2	0.2	0.2	0.2	0.2
161°	0.2	0.2	0.2	0.2	0.2	0.2
161.5°	0.2	0.2	0.2	0.2	0.2	0.2
162°	0.2	0.2	0.2	0.2	0.2	0.2
162.5°	0.2	0.2	0.2	0.2	0.2	0.2
163°	0.2	0.2	0.2	0.2	0.2	0.2
163.5°	0.2	0.2	0.2	0.2	0.2	0.2
164°	0.2	0.2	0.2	0.2	0.2	0.2
164.5°	0.2	0.2	0.2	0.2	0.2	0.2
165°	0.2	0.2	0.2	0.2	0.2	0.2
165.5°	0.2	0.2	0.2	0.2	0.2	0.2
166°	0.2	0.2	0.2	0.2	0.2	0.2
166.5°	0.2	0.2	0.2	0.2	0.2	0.2
167°	0.2	0.2	0.2	0.2	0.2	0.2
167.5°	0.2	0.2	0.2	0.2	0.2	0.2
168°	0.2	0.2	0.2	0.2	0.2	0.2
168.5°	0.2	0.2	0.2	0.2	0.2	0.2
169°	0.2	0.2	0.2	0.2	0.2	0.2
169.5°	0.2	0.2	0.2	0.2	0.2	0.2
170°	0.2	0.2	0.2	0.2	0.2	0.2
170.5°	0.2	0.2	0.2	0.2	0.2	0.2
171°	0.2	0.2	0.2	0.2	0.2	0.2
171.5°	0.2	0.2	0.2	0.2	0.2	0.2
172°	0.2	0.2	0.2	0.2	0.2	0.2
172.5°	0.2	0.2	0.2	0.2	0.2	0.2
173°	0.2	0.2	0.2	0.2	0.2	0.2
173.5°	0.2	0.2	0.2	0.2	0.2	0.2
174°	0.2	0.2	0.2	0.2	0.2	0.2
174.5°	0.2	0.2	0.2	0.2	0.2	0.2
175°	0.2	0.2	0.2	0.2	0.2	0.2
175.5°	0.2	0.2	0.2	0.2	0.2	0.2
176°	0.2	0.2	0.2	0.2	0.2	0.2
176.5°	0.2	0.2	0.2	0.2	0.2	0.2
177°	0.2	0.2	0.2	0.2	0.2	0.2
177.5°	0.2	0.2	0.2	0.2	0.2	0.2
178°	0.2	0.2	0.2	0.2	0.2	0.2
178.5°	0.2	0.2	0.2	0.2	0.2	0.2
179°	0.2	0.2	0.2	0.2	0.2	0.2
179.5°	0.2	0.2	0.2	0.2	0.2	0.2



TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590592

CATALOG NUMBER: HCDLS510CSD6TRC-LO-2700K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	4.1	5.2	4.4	5.5	5.8	3.8	4.9	4.2	5.3	5.6
	3H	3.9	4.9	4.3	5.2	5.6	3.7	4.6	4.0	5.0	5.3
	4H	3.8	4.7	4.2	5.1	5.5	3.6	4.5	4.0	4.8	5.2
	6H	3.7	4.5	4.1	4.9	5.3	3.5	4.3	3.9	4.7	5.1
	8H	3.7	4.4	4.1	4.8	5.2	3.4	4.2	3.9	4.6	5.0
	12H	3.6	4.4	4.1	4.7	5.2	3.4	4.1	3.8	4.5	4.9
4H	2H	3.8	4.7	4.2	5.1	5.5	3.6	4.5	4.0	4.8	5.2
	3H	3.6	4.4	4.1	4.8	5.2	3.4	4.1	3.8	4.5	4.9
	4H	3.5	4.2	4.0	4.6	5.0	3.3	3.9	3.7	4.4	4.8
	6H	3.4	4.0	3.9	4.4	4.9	3.2	3.7	3.7	4.2	4.7
	8H	3.4	3.9	3.8	4.3	4.8	3.1	3.6	3.6	4.1	4.6
	12H	3.3	3.7	3.8	4.2	4.7	3.1	3.5	3.5	4.0	4.5
8H	4H	3.4	3.9	3.8	4.3	4.8	3.1	3.6	3.6	4.1	4.6
	6H	3.2	3.7	3.7	4.2	4.6	3.0	3.4	3.5	3.9	4.4
	8H	3.2	3.5	3.7	4.1	4.6	2.9	3.3	3.4	3.8	4.3
	12H	3.1	3.4	3.6	3.9	4.5	2.9	3.2	3.4	3.7	4.3
12H	4H	3.3	3.7	3.8	4.2	4.7	3.1	3.5	3.5	4.0	4.5
	6H	3.2	3.5	3.7	4.0	4.6	2.9	3.3	3.5	3.8	4.3
	8H	3.1	3.4	3.6	3.9	4.5	2.9	3.2	3.4	3.7	4.3

(END OF REPORT)