

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: P1590588

Luminaire Tested: HCDLS510CSD6TRC-HI-3000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590588
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-HI-3000K
Description: 6" Selectable Round Trim + Specular Clear 1000 Lumens 3000K

Light Source:
Ballast/Driver: -

Summary

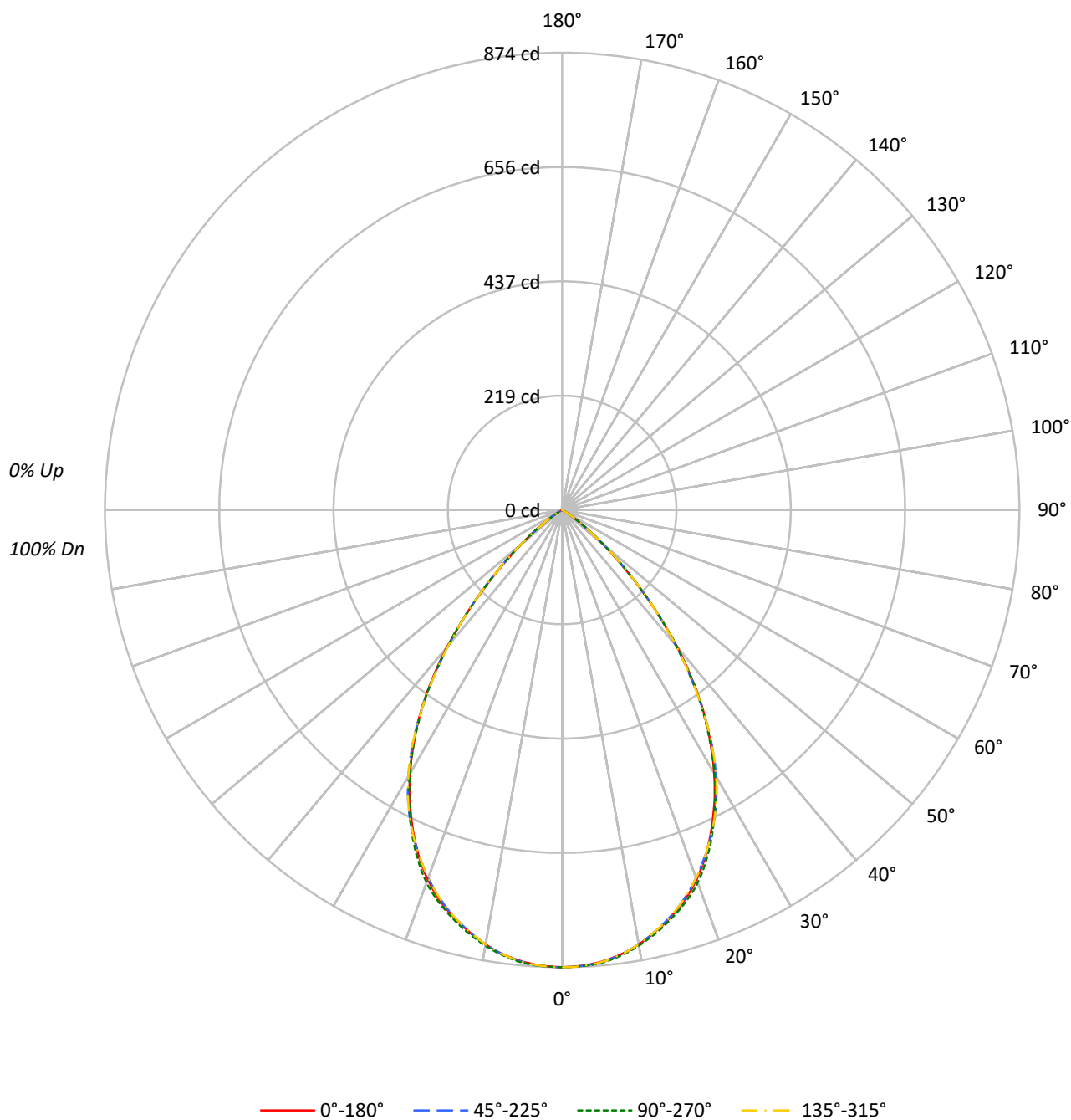
Lumens per Lamp: N/A
Luminaire Lumens: 1111.0 lumens
Efficiency: N/A
Efficacy: 100.1 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

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°	47918	47918	47918	47918
5°	47683	47799	47683	47799
10°	46943	47060	46943	47060
15°	45664	45874	45664	45874
20°	43835	44221	43835	44221
25°	40823	41137	40823	41137
30°	36771	36847	36771	36847
35°	31541	31374	31541	31374
40°	24439	24424	24439	24424
45°	16203	16242	16203	16242
50°	8776	8989	8776	8989
55°	3594	3565	3594	3565
60°	406	329	406	329
65°	52	39	52	39
70°	16	16	16	16
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: 16451 cd/sqm

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.0	7.4
10°-20°	226.1	20.4
20°-30°	310.0	27.9
30°-40°	290.7	26.2
40°-50°	163.6	14.7
50°-60°	37.2	3.4
60°-70°	0.6	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°	0.1	0.0
130°-140°	0.1	0.0
140°-150°	0.2	0.0
150°-160°	0.2	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	618.1	55.6
0°-40°	908.9	81.8
0°-60°	1109.6	99.9
0°-90°	1110.3	99.9
90°-120°	0.0	0.0
90°-150°	0.3	0.0
90°-180°	1.0	0.1
0°-180°	1111.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	874	874	874	874	874	
5°	866	869	866	869	866	82
15°	805	808	805	808	805	226
25°	675	680	675	680	675	309
35°	471	469	471	469	471	291
45°	209	210	209	210	209	162
55°	38	37	38	37	38	37
65°	0	0	0	0	0	1
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: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	874.1	874.1	874.1	874.1	874.1	874.1	874.1	874.1	874.1	874.1	874.1
0.5°	873.7	873.8	874.2	874.2	873.9	874.2	874.2	873.8	873.7	873.8	874.2
1°	873.5	873.6	874.0	874.0	873.7	874.0	874.0	873.6	873.5	873.6	874.0
1.5°	873.0	873.2	873.7	873.7	873.5	873.7	873.7	873.2	873.0	873.2	873.7
2°	872.5	872.7	873.3	873.4	873.3	873.4	873.3	872.7	872.5	872.7	873.3
2.5°	871.8	872.1	872.6	872.9	872.8	872.9	872.6	872.1	871.8	872.1	872.6
3°	871.1	871.3	871.9	872.1	872.4	872.1	871.9	871.3	871.1	871.3	871.9
3.5°	870.1	870.4	870.9	871.4	871.7	871.4	870.9	870.4	870.1	870.4	870.9
4°	869.0	869.3	869.8	870.4	870.9	870.4	869.8	869.3	869.0	869.3	869.8
4.5°	867.9	868.1	868.7	869.2	869.8	869.2	868.7	868.1	867.9	868.1	868.7
5°	866.5	866.7	867.3	867.9	868.6	867.9	867.3	866.7	866.5	866.7	867.3
5.5°	864.9	865.2	865.7	866.2	867.1	866.2	865.7	865.2	864.9	865.2	865.7
6°	863.2	863.6	863.9	864.4	865.4	864.4	863.9	863.6	863.2	863.6	863.9
6.5°	861.3	861.9	861.9	862.4	863.5	862.4	861.9	861.9	861.3	861.9	861.9
7°	859.4	859.8	859.7	860.2	861.4	860.2	859.7	859.8	859.4	859.8	859.7
7.5°	857.2	857.7	857.4	857.8	859.0	857.8	857.4	857.7	857.2	857.7	857.4
8°	854.7	855.3	855.0	855.2	856.6	855.2	855.0	855.3	854.7	855.3	855.0
8.5°	852.1	852.8	852.3	852.6	854.0	852.6	852.3	852.8	852.1	852.8	852.3
9°	849.4	850.0	849.4	849.8	851.2	849.8	849.4	850.0	849.4	850.0	849.4
9.5°	846.3	847.1	846.4	846.9	848.5	846.9	846.4	847.1	846.3	847.1	846.4
10°	843.3	843.9	843.1	843.9	845.4	843.9	843.1	843.9	843.3	843.9	843.1
10.5°	839.9	840.5	839.7	840.8	842.3	840.8	839.7	840.5	839.9	840.5	839.7
11°	836.4	836.9	836.1	837.5	839.0	837.5	836.1	836.9	836.4	836.9	836.1
11.5°	832.9	833.2	832.4	834.2	835.6	834.2	832.4	833.2	832.9	833.2	832.4
12°	829.2	829.3	828.5	830.7	832.0	830.7	828.5	829.3	829.2	829.3	828.5
12.5°	825.2	825.2	824.6	827.1	828.3	827.1	824.6	825.2	825.2	825.2	824.6
13°	821.3	821.2	820.5	823.4	824.7	823.4	820.5	821.2	821.3	821.2	820.5
13.5°	817.3	816.8	816.3	819.6	820.8	819.6	816.3	816.8	817.3	816.8	816.3
14°	813.2	812.5	812.1	815.5	816.6	815.5	812.1	812.5	813.2	812.5	812.1
14.5°	809.0	807.9	807.7	811.3	812.6	811.3	807.7	807.9	809.0	807.9	807.7
15°	804.6	803.4	803.1	807.0	808.3	807.0	803.1	803.4	804.6	803.4	803.1
15.5°	800.1	798.6	798.5	802.6	804.0	802.6	798.5	798.6	800.1	798.6	798.5
16°	795.5	793.8	793.8	797.8	799.5	797.8	793.8	793.8	795.5	793.8	793.8
16.5°	790.8	788.6	788.8	792.8	795.0	792.8	788.8	788.6	790.8	788.6	788.8
17°	786.1	783.5	783.5	787.7	790.3	787.7	783.5	783.5	786.1	783.5	783.5
17.5°	780.8	778.3	778.1	782.3	785.5	782.3	778.1	778.3	780.8	778.3	778.1
18°	775.4	772.9	772.6	776.8	780.4	776.8	772.6	772.9	775.4	772.9	772.6
18.5°	769.7	767.2	766.8	771.2	775.1	771.2	766.8	767.2	769.7	767.2	766.8
19°	763.8	761.5	760.8	765.6	769.7	765.6	760.8	761.5	763.8	761.5	760.8
19.5°	757.7	755.4	754.7	759.7	764.1	759.7	754.7	755.4	757.7	755.4	754.7
20°	751.4	749.2	748.4	753.5	758.0	753.5	748.4	749.2	751.4	749.2	748.4
20.5°	744.8	742.8	742.0	747.1	751.3	747.1	742.0	742.8	744.8	742.8	742.0
21°	738.0	736.1	735.3	740.3	744.6	740.3	735.3	736.1	738.0	736.1	735.3
21.5°	731.0	729.2	728.4	733.4	737.3	733.4	728.4	729.2	731.0	729.2	728.4
22°	723.6	722.2	721.5	726.2	729.8	726.2	721.5	722.2	723.6	722.2	721.5

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	716.0	714.8	714.6	719.0	722.0	719.0	714.6	714.8	716.0	714.8	714.6
23°	708.1	707.4	707.4	711.5	714.1	711.5	707.4	707.4	708.1	707.4	707.4
23.5°	700.1	699.8	700.3	703.7	705.9	703.7	700.3	699.8	700.1	699.8	700.3
24°	691.8	692.2	693.1	696.0	697.4	696.0	693.1	692.2	691.8	692.2	693.1
24.5°	683.5	684.4	685.6	688.0	688.8	688.0	685.6	684.4	683.5	684.4	685.6
25°	674.9	676.4	677.9	679.8	680.1	679.8	677.9	676.4	674.9	676.4	677.9
25.5°	666.3	668.3	670.1	671.4	670.9	671.4	670.1	668.3	666.3	668.3	670.1
26°	657.5	660.0	662.1	662.8	661.7	662.8	662.1	660.0	657.5	660.0	662.1
26.5°	648.5	651.6	653.7	654.1	652.2	654.1	653.7	651.6	648.5	651.6	653.7
27°	639.4	642.9	645.2	645.2	642.7	645.2	645.2	642.9	639.4	642.9	645.2
27.5°	630.2	633.9	636.5	636.1	633.1	636.1	636.5	633.9	630.2	633.9	636.5
28°	620.9	624.7	627.4	626.7	623.0	626.7	627.4	624.7	620.9	624.7	627.4
28.5°	611.0	615.4	618.1	617.0	613.2	617.0	618.1	615.4	611.0	615.4	618.1
29°	601.3	605.8	608.5	607.2	603.1	607.2	608.5	605.8	601.3	605.8	608.5
29.5°	591.2	595.9	598.7	597.1	592.8	597.1	598.7	595.9	591.2	595.9	598.7
30°	580.9	585.6	588.4	586.6	582.1	586.6	588.4	585.6	580.9	585.6	588.4
30.5°	570.7	575.4	577.8	575.8	571.4	575.8	577.8	575.4	570.7	575.4	577.8
31°	560.2	564.7	567.0	564.8	560.3	564.8	567.0	564.7	560.2	564.7	567.0
31.5°	549.6	553.9	555.9	553.7	549.2	553.7	555.9	553.9	549.6	553.9	555.9
32°	538.7	542.7	544.3	542.3	538.1	542.3	544.3	542.7	538.7	542.7	544.3
32.5°	527.9	531.6	532.6	530.8	526.8	530.8	532.6	531.6	527.9	531.6	532.6
33°	516.8	519.8	520.6	519.1	515.3	519.1	520.6	519.8	516.8	519.8	520.6
33.5°	506.0	508.2	508.6	507.1	503.8	507.1	508.6	508.2	506.0	508.2	508.6
34°	494.4	496.2	496.0	495.1	492.3	495.1	496.0	496.2	494.4	496.2	496.0
34.5°	483.0	484.2	483.5	482.7	480.6	482.7	483.5	484.2	483.0	484.2	483.5
35°	471.3	471.6	470.5	470.3	468.8	470.3	470.5	471.6	471.3	471.6	470.5
35.5°	459.4	459.0	457.5	457.7	457.0	457.7	457.5	459.0	459.4	459.0	457.5
36°	446.9	446.3	444.3	445.0	445.0	445.0	444.3	446.3	446.9	446.3	444.3
36.5°	434.6	433.5	431.2	432.2	432.9	432.2	431.2	433.5	434.6	433.5	431.2
37°	422.0	420.4	417.6	419.5	420.4	419.5	417.6	420.4	422.0	420.4	417.6
37.5°	409.0	407.3	404.2	406.6	407.5	406.6	404.2	407.3	409.0	407.3	404.2
38°	395.8	394.0	390.9	393.5	393.8	393.5	390.9	394.0	395.8	394.0	390.9
38.5°	382.7	380.8	377.6	380.2	380.6	380.2	377.6	380.8	382.7	380.8	377.6
39°	369.2	366.8	364.4	366.9	367.5	366.9	364.4	366.8	369.2	366.8	364.4
39.5°	355.3	353.4	351.4	353.7	354.4	353.7	351.4	353.4	355.3	353.4	351.4
40°	341.5	340.2	338.3	340.3	341.3	340.3	338.3	340.2	341.5	340.2	338.3
40.5°	327.8	327.1	325.3	326.9	328.2	326.9	325.3	327.1	327.8	327.1	325.3
41°	314.0	314.0	312.2	313.5	314.6	313.5	312.2	314.0	314.0	314.0	312.2
41.5°	300.3	300.7	299.0	300.2	301.1	300.2	299.0	300.7	300.3	300.7	299.0
42°	286.7	287.3	286.1	287.1	287.6	287.1	286.1	287.3	286.7	287.3	286.1
42.5°	273.3	274.1	273.4	274.4	274.2	274.4	273.4	274.1	273.3	274.1	273.4
43°	260.1	260.7	260.9	261.6	260.7	261.6	260.9	260.7	260.1	260.7	260.9
43.5°	247.1	247.8	248.4	249.0	247.4	249.0	248.4	247.8	247.1	247.8	248.4
44°	234.2	234.7	235.9	236.5	234.5	236.5	235.9	234.7	234.2	234.7	235.9
44.5°	221.4	222.3	223.9	224.5	221.9	224.5	223.9	222.3	221.4	222.3	223.9

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	209.0	210.0	212.1	212.2	209.5	212.2	212.1	210.0	209.0	210.0	212.1
45.5°	196.6	198.0	200.4	200.2	197.5	200.2	200.4	198.0	196.6	198.0	200.4
46°	184.5	186.3	188.6	188.5	185.7	188.5	188.6	186.3	184.5	186.3	188.6
46.5°	172.9	174.8	177.1	177.1	174.4	177.1	177.1	174.8	172.9	174.8	177.1
47°	161.5	163.7	165.8	165.9	163.4	165.9	165.8	163.7	161.5	163.7	165.8
47.5°	150.6	152.7	154.7	155.1	152.7	155.1	154.7	152.7	150.6	152.7	154.7
48°	140.0	142.1	144.0	144.3	142.4	144.3	144.0	142.1	140.0	142.1	144.0
48.5°	129.9	131.9	133.4	134.2	132.5	134.2	133.4	131.9	129.9	131.9	133.4
49°	120.4	122.0	123.2	124.2	122.9	124.2	123.2	122.0	120.4	122.0	123.2
49.5°	111.5	112.8	113.8	114.8	113.9	114.8	113.8	112.8	111.5	112.8	113.8
50°	102.9	103.9	104.7	105.8	105.4	105.8	104.7	103.9	102.9	103.9	104.7
50.5°	94.4	95.1	95.7	97.1	97.1	97.1	95.7	95.1	94.4	95.1	95.7
51°	86.3	86.6	87.0	88.5	89.0	88.5	87.0	86.6	86.3	86.6	87.0
51.5°	79.0	78.6	78.5	80.5	81.1	80.5	78.5	78.6	79.0	78.6	78.5
52°	71.9	71.3	70.8	72.8	73.4	72.8	70.8	71.3	71.9	71.3	70.8
52.5°	65.4	64.4	63.6	65.7	66.3	65.7	63.6	64.4	65.4	64.4	63.6
53°	59.2	58.1	57.1	59.2	59.8	59.2	57.1	58.1	59.2	58.1	57.1
53.5°	53.3	52.1	51.1	53.1	53.5	53.1	51.1	52.1	53.3	52.1	51.1
54°	47.7	46.6	45.7	47.4	47.7	47.4	45.7	46.6	47.7	46.6	45.7
54.5°	42.5	41.5	40.6	42.0	42.3	42.0	40.6	41.5	42.5	41.5	40.6
55°	37.6	36.8	36.0	37.1	37.3	37.1	36.0	36.8	37.6	36.8	36.0
55.5°	33.0	32.3	31.8	32.4	32.5	32.4	31.8	32.3	33.0	32.3	31.8
56°	28.9	28.4	27.8	28.3	28.3	28.3	27.8	28.4	28.9	28.4	27.8
56.5°	25.0	24.8	24.1	24.4	24.4	24.4	24.1	24.8	25.0	24.8	24.1
57°	21.4	21.2	20.6	20.7	20.8	20.7	20.6	21.2	21.4	21.2	20.6
57.5°	17.8	17.8	17.0	17.0	17.2	17.0	17.0	17.8	17.8	17.8	17.0
58°	14.2	14.3	13.8	13.7	13.6	13.7	13.8	14.3	14.2	14.3	13.8
58.5°	11.1	11.2	10.4	10.4	10.4	10.4	10.4	11.2	11.1	11.2	10.4
59°	7.8	8.0	7.2	7.2	7.2	7.2	7.2	8.0	7.8	8.0	7.2
59.5°	5.5	5.4	4.5	4.5	4.8	4.5	4.5	5.4	5.5	5.4	4.5
60°	3.7	3.6	3.0	2.8	3.0	2.8	3.0	3.6	3.7	3.6	3.0
60.5°	2.3	2.5	2.0	1.9	2.5	1.9	2.0	2.5	2.3	2.5	2.0
61°	1.9	2.1	1.6	1.5	2.0	1.5	1.6	2.1	1.9	2.1	1.6
61.5°	1.6	1.7	1.2	1.2	1.5	1.2	1.2	1.7	1.6	1.7	1.2
62°	1.2	1.2	0.9	0.9	1.1	0.9	0.9	1.2	1.2	1.2	0.9
62.5°	0.9	1.0	0.7	0.7	0.6	0.7	0.7	1.0	0.9	1.0	0.7
63°	0.7	0.7	0.6	0.6	0.5	0.6	0.6	0.7	0.7	0.7	0.6
63.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5
64°	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.5
64.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
65°	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
65.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
66°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
66.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
67°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
68°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
68.5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
69°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
69.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
70°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
71°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
71.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
72.5°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
73°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	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: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

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: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.1

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
158°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
158.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
159°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
159.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
161°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
161.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
163°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
163.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
164°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
164.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
166°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
166.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
169°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
169.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
171°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
171.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
173°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
173.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
174°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
174.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
176°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
176.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	874.1	874.1	874.1	874.1	874.1	874.1
0.5°	874.2	873.9	874.2	874.2	873.8	873.7
1°	874.0	873.7	874.0	874.0	873.6	873.5
1.5°	873.7	873.5	873.7	873.7	873.2	873.0
2°	873.4	873.3	873.4	873.3	872.7	872.5
2.5°	872.9	872.8	872.9	872.6	872.1	871.8
3°	872.1	872.4	872.1	871.9	871.3	871.1
3.5°	871.4	871.7	871.4	870.9	870.4	870.1
4°	870.4	870.9	870.4	869.8	869.3	869.0
4.5°	869.2	869.8	869.2	868.7	868.1	867.9
5°	867.9	868.6	867.9	867.3	866.7	866.5
5.5°	866.2	867.1	866.2	865.7	865.2	864.9
6°	864.4	865.4	864.4	863.9	863.6	863.2
6.5°	862.4	863.5	862.4	861.9	861.9	861.3
7°	860.2	861.4	860.2	859.7	859.8	859.4
7.5°	857.8	859.0	857.8	857.4	857.7	857.2
8°	855.2	856.6	855.2	855.0	855.3	854.7
8.5°	852.6	854.0	852.6	852.3	852.8	852.1
9°	849.8	851.2	849.8	849.4	850.0	849.4
9.5°	846.9	848.5	846.9	846.4	847.1	846.3
10°	843.9	845.4	843.9	843.1	843.9	843.3
10.5°	840.8	842.3	840.8	839.7	840.5	839.9
11°	837.5	839.0	837.5	836.1	836.9	836.4
11.5°	834.2	835.6	834.2	832.4	833.2	832.9
12°	830.7	832.0	830.7	828.5	829.3	829.2
12.5°	827.1	828.3	827.1	824.6	825.2	825.2
13°	823.4	824.7	823.4	820.5	821.2	821.3
13.5°	819.6	820.8	819.6	816.3	816.8	817.3
14°	815.5	816.6	815.5	812.1	812.5	813.2
14.5°	811.3	812.6	811.3	807.7	807.9	809.0
15°	807.0	808.3	807.0	803.1	803.4	804.6
15.5°	802.6	804.0	802.6	798.5	798.6	800.1
16°	797.8	799.5	797.8	793.8	793.8	795.5
16.5°	792.8	795.0	792.8	788.8	788.6	790.8
17°	787.7	790.3	787.7	783.5	783.5	786.1
17.5°	782.3	785.5	782.3	778.1	778.3	780.8
18°	776.8	780.4	776.8	772.6	772.9	775.4
18.5°	771.2	775.1	771.2	766.8	767.2	769.7
19°	765.6	769.7	765.6	760.8	761.5	763.8
19.5°	759.7	764.1	759.7	754.7	755.4	757.7
20°	753.5	758.0	753.5	748.4	749.2	751.4
20.5°	747.1	751.3	747.1	742.0	742.8	744.8
21°	740.3	744.6	740.3	735.3	736.1	738.0
21.5°	733.4	737.3	733.4	728.4	729.2	731.0
22°	726.2	729.8	726.2	721.5	722.2	723.6

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	719.0	722.0	719.0	714.6	714.8	716.0
23°	711.5	714.1	711.5	707.4	707.4	708.1
23.5°	703.7	705.9	703.7	700.3	699.8	700.1
24°	696.0	697.4	696.0	693.1	692.2	691.8
24.5°	688.0	688.8	688.0	685.6	684.4	683.5
25°	679.8	680.1	679.8	677.9	676.4	674.9
25.5°	671.4	670.9	671.4	670.1	668.3	666.3
26°	662.8	661.7	662.8	662.1	660.0	657.5
26.5°	654.1	652.2	654.1	653.7	651.6	648.5
27°	645.2	642.7	645.2	645.2	642.9	639.4
27.5°	636.1	633.1	636.1	636.5	633.9	630.2
28°	626.7	623.0	626.7	627.4	624.7	620.9
28.5°	617.0	613.2	617.0	618.1	615.4	611.0
29°	607.2	603.1	607.2	608.5	605.8	601.3
29.5°	597.1	592.8	597.1	598.7	595.9	591.2
30°	586.6	582.1	586.6	588.4	585.6	580.9
30.5°	575.8	571.4	575.8	577.8	575.4	570.7
31°	564.8	560.3	564.8	567.0	564.7	560.2
31.5°	553.7	549.2	553.7	555.9	553.9	549.6
32°	542.3	538.1	542.3	544.3	542.7	538.7
32.5°	530.8	526.8	530.8	532.6	531.6	527.9
33°	519.1	515.3	519.1	520.6	519.8	516.8
33.5°	507.1	503.8	507.1	508.6	508.2	506.0
34°	495.1	492.3	495.1	496.0	496.2	494.4
34.5°	482.7	480.6	482.7	483.5	484.2	483.0
35°	470.3	468.8	470.3	470.5	471.6	471.3
35.5°	457.7	457.0	457.7	457.5	459.0	459.4
36°	445.0	445.0	445.0	444.3	446.3	446.9
36.5°	432.2	432.9	432.2	431.2	433.5	434.6
37°	419.5	420.4	419.5	417.6	420.4	422.0
37.5°	406.6	407.5	406.6	404.2	407.3	409.0
38°	393.5	393.8	393.5	390.9	394.0	395.8
38.5°	380.2	380.6	380.2	377.6	380.8	382.7
39°	366.9	367.5	366.9	364.4	366.8	369.2
39.5°	353.7	354.4	353.7	351.4	353.4	355.3
40°	340.3	341.3	340.3	338.3	340.2	341.5
40.5°	326.9	328.2	326.9	325.3	327.1	327.8
41°	313.5	314.6	313.5	312.2	314.0	314.0
41.5°	300.2	301.1	300.2	299.0	300.7	300.3
42°	287.1	287.6	287.1	286.1	287.3	286.7
42.5°	274.4	274.2	274.4	273.4	274.1	273.3
43°	261.6	260.7	261.6	260.9	260.7	260.1
43.5°	249.0	247.4	249.0	248.4	247.8	247.1
44°	236.5	234.5	236.5	235.9	234.7	234.2
44.5°	224.5	221.9	224.5	223.9	222.3	221.4

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	212.2	209.5	212.2	212.1	210.0	209.0
45.5°	200.2	197.5	200.2	200.4	198.0	196.6
46°	188.5	185.7	188.5	188.6	186.3	184.5
46.5°	177.1	174.4	177.1	177.1	174.8	172.9
47°	165.9	163.4	165.9	165.8	163.7	161.5
47.5°	155.1	152.7	155.1	154.7	152.7	150.6
48°	144.3	142.4	144.3	144.0	142.1	140.0
48.5°	134.2	132.5	134.2	133.4	131.9	129.9
49°	124.2	122.9	124.2	123.2	122.0	120.4
49.5°	114.8	113.9	114.8	113.8	112.8	111.5
50°	105.8	105.4	105.8	104.7	103.9	102.9
50.5°	97.1	97.1	97.1	95.7	95.1	94.4
51°	88.5	89.0	88.5	87.0	86.6	86.3
51.5°	80.5	81.1	80.5	78.5	78.6	79.0
52°	72.8	73.4	72.8	70.8	71.3	71.9
52.5°	65.7	66.3	65.7	63.6	64.4	65.4
53°	59.2	59.8	59.2	57.1	58.1	59.2
53.5°	53.1	53.5	53.1	51.1	52.1	53.3
54°	47.4	47.7	47.4	45.7	46.6	47.7
54.5°	42.0	42.3	42.0	40.6	41.5	42.5
55°	37.1	37.3	37.1	36.0	36.8	37.6
55.5°	32.4	32.5	32.4	31.8	32.3	33.0
56°	28.3	28.3	28.3	27.8	28.4	28.9
56.5°	24.4	24.4	24.4	24.1	24.8	25.0
57°	20.7	20.8	20.7	20.6	21.2	21.4
57.5°	17.0	17.2	17.0	17.0	17.8	17.8
58°	13.7	13.6	13.7	13.8	14.3	14.2
58.5°	10.4	10.4	10.4	10.4	11.2	11.1
59°	7.2	7.2	7.2	7.2	8.0	7.8
59.5°	4.5	4.8	4.5	4.5	5.4	5.5
60°	2.8	3.0	2.8	3.0	3.6	3.7
60.5°	1.9	2.5	1.9	2.0	2.5	2.3
61°	1.5	2.0	1.5	1.6	2.1	1.9
61.5°	1.2	1.5	1.2	1.2	1.7	1.6
62°	0.9	1.1	0.9	0.9	1.2	1.2
62.5°	0.7	0.6	0.7	0.7	1.0	0.9
63°	0.6	0.5	0.6	0.6	0.7	0.7
63.5°	0.5	0.5	0.5	0.5	0.6	0.6
64°	0.4	0.4	0.4	0.5	0.5	0.6
64.5°	0.4	0.4	0.4	0.4	0.5	0.5
65°	0.3	0.3	0.3	0.4	0.4	0.4
65.5°	0.3	0.3	0.3	0.3	0.4	0.4
66°	0.3	0.3	0.3	0.3	0.3	0.3
66.5°	0.2	0.2	0.2	0.3	0.3	0.3
67°	0.2	0.2	0.2	0.2	0.3	0.3

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.2	0.2	0.2	0.2	0.2	0.2
68°	0.2	0.2	0.2	0.2	0.2	0.2
68.5°	0.1	0.1	0.1	0.2	0.2	0.2
69°	0.1	0.1	0.1	0.1	0.2	0.2
69.5°	0.1	0.1	0.1	0.1	0.1	0.2
70°	0.1	0.1	0.1	0.1	0.1	0.1
70.5°	0.1	0.1	0.1	0.1	0.1	0.1
71°	0.1	0.1	0.1	0.1	0.1	0.1
71.5°	0.1	0.1	0.1	0.1	0.1	0.1
72°	0.0	0.0	0.0	0.1	0.1	0.1
72.5°	0.0	0.0	0.0	0.0	0.1	0.1
73°	0.0	0.0	0.0	0.0	0.1	0.1
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: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

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: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

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°	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1
125.5°	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.2	0.1	0.2	0.1	0.2	0.2

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.4	0.4	0.4	0.4	0.4	0.4
158°	0.4	0.4	0.4	0.4	0.4	0.4
158.5°	0.4	0.4	0.4	0.4	0.4	0.4
159°	0.4	0.4	0.4	0.4	0.4	0.4
159.5°	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4
160.5°	0.4	0.4	0.4	0.4	0.4	0.4
161°	0.4	0.4	0.4	0.4	0.4	0.4
161.5°	0.4	0.4	0.4	0.4	0.4	0.4
162°	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.4	0.4	0.4	0.4	0.4	0.4
163°	0.4	0.4	0.4	0.4	0.4	0.4
163.5°	0.4	0.4	0.4	0.4	0.4	0.4
164°	0.4	0.4	0.4	0.4	0.4	0.4
164.5°	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4
165.5°	0.4	0.4	0.4	0.4	0.4	0.4
166°	0.4	0.4	0.4	0.4	0.4	0.4
166.5°	0.4	0.4	0.4	0.4	0.4	0.4
167°	0.4	0.4	0.4	0.4	0.4	0.4
167.5°	0.4	0.4	0.4	0.4	0.4	0.4
168°	0.4	0.4	0.4	0.4	0.4	0.4
168.5°	0.4	0.4	0.4	0.4	0.4	0.4
169°	0.4	0.4	0.4	0.4	0.4	0.4
169.5°	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4
170.5°	0.4	0.4	0.4	0.4	0.4	0.4
171°	0.4	0.4	0.4	0.4	0.4	0.4
171.5°	0.4	0.4	0.4	0.4	0.4	0.4
172°	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.4	0.4	0.4	0.4	0.4	0.4
173°	0.4	0.4	0.4	0.4	0.4	0.4
173.5°	0.4	0.4	0.4	0.4	0.4	0.4
174°	0.4	0.4	0.4	0.4	0.4	0.4
174.5°	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4
175.5°	0.4	0.4	0.4	0.4	0.4	0.4
176°	0.4	0.4	0.4	0.4	0.4	0.4
176.5°	0.4	0.4	0.4	0.4	0.4	0.4
177°	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4
178.5°	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4
179.5°	0.4	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590588

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3000K

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	6.3	7.4	6.7	7.7	8.0	6.0	7.1	6.4	7.4	7.7
	3H	6.1	7.1	6.5	7.4	7.8	5.8	6.8	6.2	7.1	7.5
	4H	6.0	6.9	6.4	7.3	7.7	5.7	6.6	6.1	7.0	7.4
	6H	5.9	6.8	6.4	7.1	7.5	5.6	6.5	6.1	6.8	7.2
	8H	5.9	6.7	6.3	7.1	7.5	5.6	6.4	6.0	6.8	7.2
	12H	5.8	6.6	6.3	7.0	7.4	5.5	6.3	6.0	6.7	7.1
4H	2H	6.0	6.9	6.4	7.3	7.7	5.7	6.6	6.1	7.0	7.4
	3H	5.9	6.6	6.3	7.0	7.4	5.6	6.3	6.0	6.7	7.1
	4H	5.7	6.4	6.2	6.8	7.3	5.4	6.1	5.9	6.5	7.0
	6H	5.6	6.2	6.1	6.6	7.1	5.3	5.9	5.8	6.3	6.8
	8H	5.6	6.1	6.1	6.5	7.0	5.3	5.8	5.8	6.2	6.7
	12H	5.5	6.0	6.0	6.5	6.9	5.2	5.7	5.7	6.2	6.6
8H	4H	5.6	6.1	6.1	6.5	7.0	5.3	5.8	5.8	6.2	6.7
	6H	5.5	5.9	6.0	6.4	6.9	5.2	5.6	5.7	6.1	6.6
	8H	5.4	5.8	5.9	6.3	6.8	5.1	5.5	5.6	6.0	6.5
	12H	5.3	5.7	5.8	6.2	6.7	5.0	5.4	5.5	5.9	6.4
12H	4H	5.5	6.0	6.0	6.5	6.9	5.2	5.7	5.7	6.2	6.6
	6H	5.4	5.8	5.9	6.2	6.8	5.1	5.5	5.6	5.9	6.5
	8H	5.3	5.7	5.8	6.2	6.7	5.0	5.4	5.5	5.9	6.4

(END OF REPORT)