

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: P1590606

Luminaire Tested: HCDLS510CSD6TRH-HI-5000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590606
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: HCDLS510CSD6TRH-HI-5000K
Description: 6" Selectable Round Trim+ Haze (Semi-specular) 1000 Lumens 5000K

Light Source:
Ballast/Driver: -

Summary

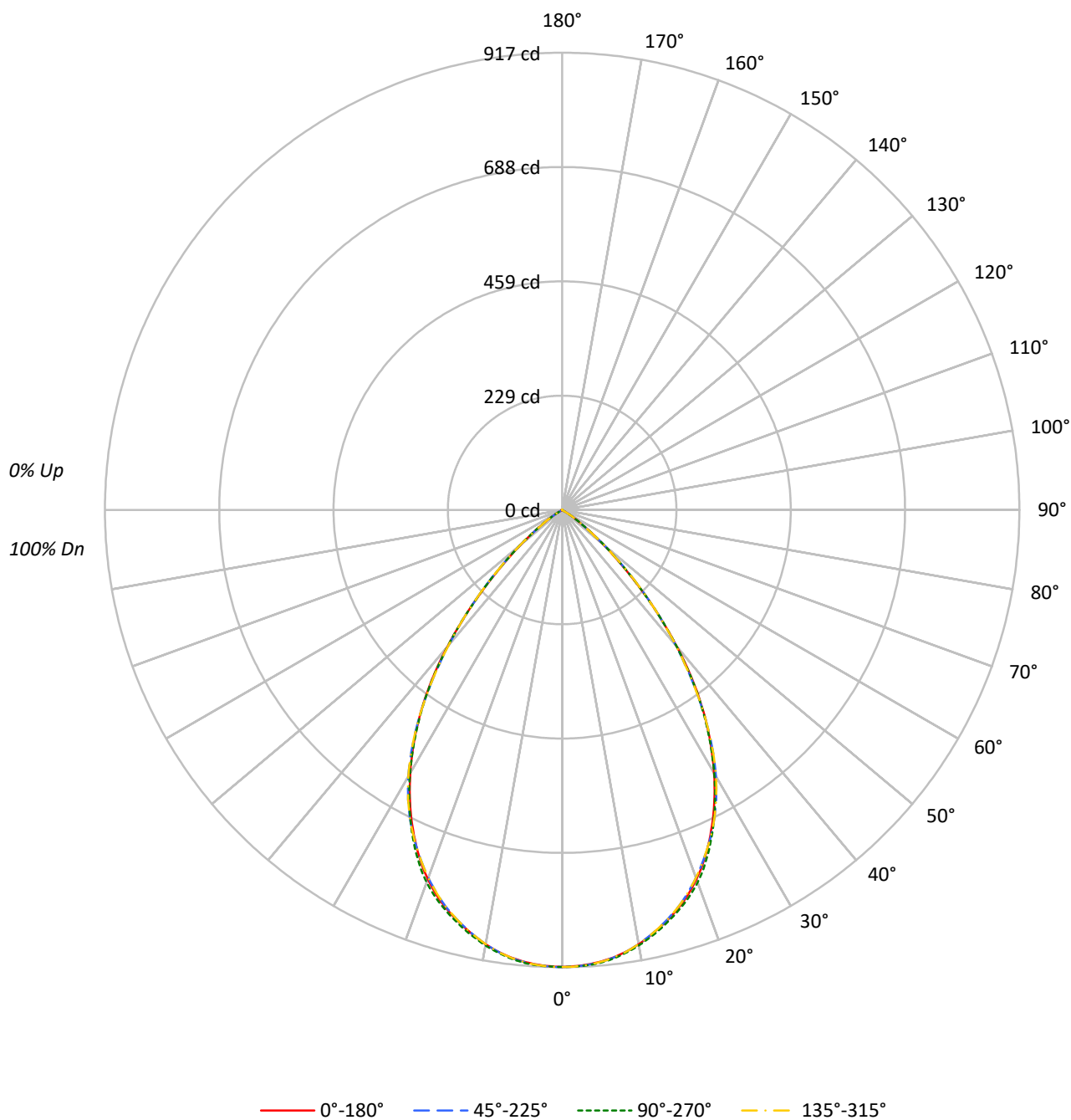
Lumens per Lamp: N/A
Luminaire Lumens: 1165.0 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.1
Total Harmonic Distortion (THDi): =20%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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°	50243	50243	50243	50243
5°	50000	50121	50000	50121
10°	49225	49348	49225	49348
15°	47883	48105	47883	48105
20°	45965	46367	45965	46367
25°	42807	43134	42807	43134
30°	38563	38639	38563	38639
35°	33073	32899	33073	32899
40°	25627	25612	25627	25612
45°	16986	17033	16986	17033
50°	9202	9424	9202	9424
55°	3766	3737	3766	3737
60°	417	351	417	351
65°	65	39	65	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: 17258 cd/sqm

TEST NUMBER: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.0	7.4
10°-20°	237.1	20.4
20°-30°	325.0	27.9
30°-40°	304.9	26.2
40°-50°	171.5	14.7
50°-60°	39.0	3.4
60°-70°	0.7	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°	648.2	55.6
0°-40°	953.0	81.8
0°-60°	1163.6	99.9
0°-90°	1164.3	99.9
90°-120°	0.0	0.0
90°-150°	0.4	0.0
90°-180°	1.0	0.1
0°-180°	1165.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	916	916	916	916	916	
5°	909	911	909	911	909	86
15°	844	848	844	848	844	237
25°	708	713	708	713	708	324
35°	494	492	494	492	494	305
45°	219	220	219	220	219	170
55°	39	39	39	39	39	39
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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	916.5	916.5	916.5	916.5	916.5	916.5	916.5	916.5	916.5	916.5	916.5
0.5°	916.1	916.3	916.7	916.6	916.4	916.6	916.7	916.3	916.1	916.3	916.7
1°	915.9	916.0	916.5	916.5	916.2	916.5	916.5	916.0	915.9	916.0	916.5
1.5°	915.4	915.7	916.1	916.2	916.0	916.2	916.1	915.7	915.4	915.7	916.1
2°	914.9	915.1	915.7	915.8	915.7	915.8	915.7	915.1	914.9	915.1	915.7
2.5°	914.2	914.5	915.0	915.3	915.3	915.3	915.0	914.5	914.2	914.5	915.0
3°	913.4	913.6	914.2	914.5	914.8	914.5	914.2	913.6	913.4	913.6	914.2
3.5°	912.4	912.7	913.2	913.7	914.0	913.7	913.2	912.7	912.4	912.7	913.2
4°	911.2	911.6	912.1	912.7	913.2	912.7	912.1	911.6	911.2	911.6	912.1
4.5°	910.0	910.3	910.9	911.4	912.1	911.4	910.9	910.3	910.0	910.3	910.9
5°	908.6	908.9	909.5	910.0	910.8	910.0	909.5	908.9	908.6	908.9	909.5
5.5°	907.0	907.3	907.7	908.3	909.2	908.3	907.7	907.3	907.0	907.3	907.7
6°	905.2	905.6	905.9	906.4	907.5	906.4	905.9	905.6	905.2	905.6	905.9
6.5°	903.2	903.7	903.8	904.3	905.5	904.3	903.8	903.7	903.2	903.7	903.8
7°	901.2	901.6	901.5	902.0	903.2	902.0	901.5	901.6	901.2	901.6	901.5
7.5°	898.8	899.4	899.1	899.5	900.7	899.5	899.1	899.4	898.8	899.4	899.1
8°	896.3	896.9	896.5	896.8	898.2	896.8	896.5	896.9	896.3	896.9	896.5
8.5°	893.5	894.3	893.7	894.0	895.5	894.0	893.7	894.3	893.5	894.3	893.7
9°	890.6	891.3	890.7	891.1	892.6	891.1	890.7	891.3	890.6	891.3	890.7
9.5°	887.5	888.3	887.5	888.1	889.8	888.1	887.5	888.3	887.5	888.3	887.5
10°	884.3	885.0	884.1	884.9	886.5	884.9	884.1	885.0	884.3	885.0	884.1
10.5°	880.7	881.3	880.5	881.7	883.2	881.7	880.5	881.3	880.7	881.3	880.5
11°	877.1	877.6	876.7	878.2	879.8	878.2	876.7	877.6	877.1	877.6	876.7
11.5°	873.3	873.7	872.8	874.7	876.2	874.7	872.8	873.7	873.3	873.7	872.8
12°	869.5	869.7	868.8	871.1	872.5	871.1	868.8	869.7	869.5	869.7	868.8
12.5°	865.3	865.4	864.6	867.3	868.6	867.3	864.6	865.4	865.3	865.4	864.6
13°	861.3	861.1	860.4	863.4	864.7	863.4	860.4	861.1	861.3	861.1	860.4
13.5°	857.0	856.5	856.0	859.5	860.7	859.5	856.0	856.5	857.0	856.5	856.0
14°	852.7	852.0	851.5	855.2	856.3	855.2	851.5	852.0	852.7	852.0	851.5
14.5°	848.4	847.2	846.9	850.8	852.1	850.8	846.9	847.2	848.4	847.2	846.9
15°	843.7	842.4	842.2	846.2	847.6	846.2	842.2	842.4	843.7	842.4	842.2
15.5°	839.0	837.4	837.3	841.6	843.1	841.6	837.3	837.4	839.0	837.4	837.3
16°	834.1	832.4	832.4	836.6	838.3	836.6	832.4	832.4	834.1	832.4	832.4
16.5°	829.3	827.0	827.1	831.3	833.6	831.3	827.1	827.0	829.3	827.0	827.1
17°	824.3	821.6	821.6	826.0	828.7	826.0	821.6	821.6	824.3	821.6	821.6
17.5°	818.8	816.2	815.9	820.3	823.7	820.3	815.9	816.2	818.8	816.2	815.9
18°	813.1	810.5	810.1	814.5	818.3	814.5	810.1	810.5	813.1	810.5	810.1
18.5°	807.1	804.5	804.1	808.7	812.8	808.7	804.1	804.5	807.1	804.5	804.1
19°	801.0	798.5	797.8	802.8	807.1	802.8	797.8	798.5	801.0	798.5	797.8
19.5°	794.5	792.1	791.3	796.6	801.2	796.6	791.3	792.1	794.5	792.1	791.3
20°	787.9	785.6	784.8	790.1	794.8	790.1	784.8	785.6	787.9	785.6	784.8
20.5°	781.0	778.9	778.1	783.4	787.9	783.4	778.1	778.9	781.0	778.9	778.1
21°	773.9	771.9	771.1	776.3	780.7	776.3	771.1	771.9	773.9	771.9	771.1
21.5°	766.5	764.6	763.8	769.1	773.2	769.1	763.8	764.6	766.5	764.6	763.8
22°	758.8	757.3	756.6	761.5	765.3	761.5	756.6	757.3	758.8	757.3	756.6

TEST NUMBER: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	750.8	749.5	749.3	753.9	757.1	753.9	749.3	749.5	750.8	749.5	749.3
23°	742.5	741.8	741.8	746.0	748.8	746.0	741.8	741.8	742.5	741.8	741.8
23.5°	734.2	733.8	734.3	737.9	740.2	737.9	734.3	733.8	734.2	733.8	734.3
24°	725.4	725.8	726.7	729.8	731.3	729.8	726.7	725.8	725.4	725.8	726.7
24.5°	716.7	717.6	718.9	721.4	722.2	721.4	718.9	717.6	716.7	717.6	718.9
25°	707.7	709.3	710.8	712.8	713.1	712.8	710.8	709.3	707.7	709.3	710.8
25.5°	698.6	700.8	702.7	704.1	703.5	704.1	702.7	700.8	698.6	700.8	702.7
26°	689.4	692.1	694.2	695.0	693.9	695.0	694.2	692.1	689.4	692.1	694.2
26.5°	680.0	683.2	685.5	685.9	683.9	685.9	685.5	683.2	680.0	683.2	685.5
27°	670.5	674.1	676.6	676.6	674.0	676.6	676.6	674.1	670.5	674.1	676.6
27.5°	660.8	664.7	667.4	667.0	663.9	667.0	667.4	664.7	660.8	664.7	667.4
28°	651.0	655.1	657.9	657.1	653.3	657.1	657.9	655.1	651.0	655.1	657.9
28.5°	640.7	645.3	648.1	647.0	643.0	647.0	648.1	645.3	640.7	645.3	648.1
29°	630.5	635.2	638.1	636.7	632.4	636.7	638.1	635.2	630.5	635.2	638.1
29.5°	619.9	624.8	627.8	626.1	621.7	626.1	627.8	624.8	619.9	624.8	627.8
30°	609.2	614.1	617.0	615.1	610.4	615.1	617.0	614.1	609.2	614.1	617.0
30.5°	598.5	603.3	605.9	603.8	599.2	603.8	605.9	603.3	598.5	603.3	605.9
31°	587.4	592.2	594.6	592.3	587.6	592.3	594.6	592.2	587.4	592.2	594.6
31.5°	576.3	580.8	582.9	580.7	575.9	580.7	582.9	580.8	576.3	580.8	582.9
32°	564.9	569.0	570.7	568.7	564.3	568.7	570.7	569.0	564.9	569.0	570.7
32.5°	553.6	557.4	558.5	556.6	552.4	556.6	558.5	557.4	553.6	557.4	558.5
33°	541.9	545.1	545.9	544.3	540.4	544.3	545.9	545.1	541.9	545.1	545.9
33.5°	530.6	532.9	533.3	531.7	528.2	531.7	533.3	532.9	530.6	532.9	533.3
34°	518.4	520.3	520.1	519.2	516.2	519.2	520.1	520.3	518.4	520.3	520.1
34.5°	506.5	507.7	507.0	506.2	504.0	506.2	507.0	507.7	506.5	507.7	507.0
35°	494.2	494.5	493.4	493.2	491.6	493.2	493.4	494.5	494.2	494.5	493.4
35.5°	481.7	481.3	479.8	479.9	479.2	479.9	479.8	481.3	481.7	481.3	479.8
36°	468.6	468.0	465.9	466.6	466.6	466.6	465.9	468.0	468.6	468.0	465.9
36.5°	455.7	454.6	452.1	453.2	454.0	453.2	452.1	454.6	455.7	454.6	452.1
37°	442.5	440.8	437.9	439.9	440.8	439.9	437.9	440.8	442.5	440.8	437.9
37.5°	428.8	427.1	423.8	426.3	427.3	426.3	423.8	427.1	428.8	427.1	423.8
38°	415.0	413.2	410.0	412.6	413.0	412.6	410.0	413.2	415.0	413.2	410.0
38.5°	401.3	399.3	396.0	398.7	399.1	398.7	396.0	399.3	401.3	399.3	396.0
39°	387.2	384.7	382.2	384.8	385.3	384.8	382.2	384.7	387.2	384.7	382.2
39.5°	372.6	370.6	368.5	370.9	371.6	370.9	368.5	370.6	372.6	370.6	368.5
40°	358.1	356.8	354.7	356.8	357.9	356.8	354.7	356.8	358.1	356.8	354.7
40.5°	343.8	343.0	341.2	342.8	344.1	342.8	341.2	343.0	343.8	343.0	341.2
41°	329.3	329.2	327.3	328.7	329.9	328.7	327.3	329.2	329.3	329.2	327.3
41.5°	314.9	315.3	313.5	314.8	315.8	314.8	313.5	315.3	314.9	315.3	313.5
42°	300.6	301.2	300.0	301.0	301.6	301.0	300.0	301.2	300.6	301.2	300.0
42.5°	286.6	287.4	286.7	287.7	287.5	287.7	286.7	287.4	286.6	287.4	286.7
43°	272.7	273.4	273.5	274.4	273.4	274.4	273.5	273.4	272.7	273.4	273.5
43.5°	259.1	259.8	260.4	261.1	259.4	261.1	260.4	259.8	259.1	259.8	260.4
44°	245.6	246.1	247.4	248.0	245.9	248.0	247.4	246.1	245.6	246.1	247.4
44.5°	232.2	233.1	234.8	235.4	232.7	235.4	234.8	233.1	232.2	233.1	234.8

TEST NUMBER: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	219.1	220.2	222.4	222.6	219.7	222.6	222.4	220.2	219.1	220.2	222.4
45.5°	206.2	207.7	210.1	209.9	207.1	209.9	210.1	207.7	206.2	207.7	210.1
46°	193.5	195.3	197.8	197.6	194.7	197.6	197.8	195.3	193.5	195.3	197.8
46.5°	181.3	183.3	185.7	185.7	182.8	185.7	185.7	183.3	181.3	183.3	185.7
47°	169.4	171.6	173.9	174.0	171.3	174.0	173.9	171.6	169.4	171.6	173.9
47.5°	157.9	160.1	162.3	162.6	160.1	162.6	162.3	160.1	157.9	160.1	162.3
48°	146.8	149.0	151.0	151.3	149.3	151.3	151.0	149.0	146.8	149.0	151.0
48.5°	136.2	138.3	139.9	140.7	138.9	140.7	139.9	138.3	136.2	138.3	139.9
49°	126.3	128.0	129.2	130.2	128.9	130.2	129.2	128.0	126.3	128.0	129.2
49.5°	117.0	118.3	119.3	120.3	119.5	120.3	119.3	118.3	117.0	118.3	119.3
50°	107.9	109.0	109.7	111.0	110.5	111.0	109.7	109.0	107.9	109.0	109.7
50.5°	99.0	99.7	100.4	101.8	101.9	101.8	100.4	99.7	99.0	99.7	100.4
51°	90.5	90.8	91.2	92.8	93.3	92.8	91.2	90.8	90.5	90.8	91.2
51.5°	82.9	82.4	82.4	84.4	85.0	84.4	82.4	82.4	82.9	82.4	82.4
52°	75.4	74.8	74.2	76.3	76.9	76.3	74.2	74.8	75.4	74.8	74.2
52.5°	68.5	67.6	66.7	68.9	69.5	68.9	66.7	67.6	68.5	67.6	66.7
53°	62.0	60.9	59.9	62.1	62.7	62.1	59.9	60.9	62.0	60.9	59.9
53.5°	55.9	54.7	53.6	55.7	56.1	55.7	53.6	54.7	55.9	54.7	53.6
54°	50.0	48.9	47.9	49.7	50.0	49.7	47.9	48.9	50.0	48.9	47.9
54.5°	44.6	43.5	42.6	44.1	44.3	44.1	42.6	43.5	44.6	43.5	42.6
55°	39.4	38.5	37.7	38.9	39.1	38.9	37.7	38.5	39.4	38.5	37.7
55.5°	34.6	33.9	33.4	34.0	34.0	34.0	33.4	33.9	34.6	33.9	33.4
56°	30.3	29.8	29.2	29.7	29.7	29.7	29.2	29.8	30.3	29.8	29.2
56.5°	26.3	26.0	25.3	25.6	25.6	25.6	25.3	26.0	26.3	26.0	25.3
57°	22.5	22.3	21.6	21.7	21.8	21.7	21.6	22.3	22.5	22.3	21.6
57.5°	18.7	18.6	17.9	17.9	18.0	17.9	17.9	18.6	18.7	18.6	17.9
58°	14.9	15.0	14.4	14.3	14.3	14.3	14.4	15.0	14.9	15.0	14.4
58.5°	11.6	11.7	10.9	10.9	10.9	10.9	10.9	11.7	11.6	11.7	10.9
59°	8.2	8.4	7.5	7.6	7.5	7.6	7.5	8.4	8.2	8.4	7.5
59.5°	5.7	5.7	4.7	4.8	5.0	4.8	4.7	5.7	5.7	5.7	4.7
60°	3.8	3.8	3.2	2.9	3.2	2.9	3.2	3.8	3.8	3.8	3.2
60.5°	2.4	2.7	2.1	1.9	2.6	1.9	2.1	2.7	2.4	2.7	2.1
61°	2.0	2.2	1.7	1.6	2.1	1.6	1.7	2.2	2.0	2.2	1.7
61.5°	1.6	1.7	1.2	1.2	1.6	1.2	1.2	1.7	1.6	1.7	1.2
62°	1.3	1.3	1.0	0.9	1.1	0.9	1.0	1.3	1.3	1.3	1.0
62.5°	0.9	1.0	0.8	0.7	0.7	0.7	0.8	1.0	0.9	1.0	0.8
63°	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.7
63.5°	0.7	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.7	0.6	0.6
64°	0.6	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.6	0.6	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°	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	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°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	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	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
72.5°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
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°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
134.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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°	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3
143°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
143.5°	0.3	0.3	0.3	0.3	0.3	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°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
151°	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
151.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
152°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
152.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
153°	0.4	0.4	0.4	0.4	0.4	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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
162.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
163°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
163.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
164°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
164.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
165°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
165.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
166°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
166.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
167°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
167.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
168°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	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: P1590606
CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	916.5	916.5	916.5	916.5	916.5	916.5
0.5°	916.6	916.4	916.6	916.7	916.3	916.1
1°	916.5	916.2	916.5	916.5	916.0	915.9
1.5°	916.2	916.0	916.2	916.1	915.7	915.4
2°	915.8	915.7	915.8	915.7	915.1	914.9
2.5°	915.3	915.3	915.3	915.0	914.5	914.2
3°	914.5	914.8	914.5	914.2	913.6	913.4
3.5°	913.7	914.0	913.7	913.2	912.7	912.4
4°	912.7	913.2	912.7	912.1	911.6	911.2
4.5°	911.4	912.1	911.4	910.9	910.3	910.0
5°	910.0	910.8	910.0	909.5	908.9	908.6
5.5°	908.3	909.2	908.3	907.7	907.3	907.0
6°	906.4	907.5	906.4	905.9	905.6	905.2
6.5°	904.3	905.5	904.3	903.8	903.7	903.2
7°	902.0	903.2	902.0	901.5	901.6	901.2
7.5°	899.5	900.7	899.5	899.1	899.4	898.8
8°	896.8	898.2	896.8	896.5	896.9	896.3
8.5°	894.0	895.5	894.0	893.7	894.3	893.5
9°	891.1	892.6	891.1	890.7	891.3	890.6
9.5°	888.1	889.8	888.1	887.5	888.3	887.5
10°	884.9	886.5	884.9	884.1	885.0	884.3
10.5°	881.7	883.2	881.7	880.5	881.3	880.7
11°	878.2	879.8	878.2	876.7	877.6	877.1
11.5°	874.7	876.2	874.7	872.8	873.7	873.3
12°	871.1	872.5	871.1	868.8	869.7	869.5
12.5°	867.3	868.6	867.3	864.6	865.4	865.3
13°	863.4	864.7	863.4	860.4	861.1	861.3
13.5°	859.5	860.7	859.5	856.0	856.5	857.0
14°	855.2	856.3	855.2	851.5	852.0	852.7
14.5°	850.8	852.1	850.8	846.9	847.2	848.4
15°	846.2	847.6	846.2	842.2	842.4	843.7
15.5°	841.6	843.1	841.6	837.3	837.4	839.0
16°	836.6	838.3	836.6	832.4	832.4	834.1
16.5°	831.3	833.6	831.3	827.1	827.0	829.3
17°	826.0	828.7	826.0	821.6	821.6	824.3
17.5°	820.3	823.7	820.3	815.9	816.2	818.8
18°	814.5	818.3	814.5	810.1	810.5	813.1
18.5°	808.7	812.8	808.7	804.1	804.5	807.1
19°	802.8	807.1	802.8	797.8	798.5	801.0
19.5°	796.6	801.2	796.6	791.3	792.1	794.5
20°	790.1	794.8	790.1	784.8	785.6	787.9
20.5°	783.4	787.9	783.4	778.1	778.9	781.0
21°	776.3	780.7	776.3	771.1	771.9	773.9
21.5°	769.1	773.2	769.1	763.8	764.6	766.5
22°	761.5	765.3	761.5	756.6	757.3	758.8

TEST NUMBER: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	753.9	757.1	753.9	749.3	749.5	750.8
23°	746.0	748.8	746.0	741.8	741.8	742.5
23.5°	737.9	740.2	737.9	734.3	733.8	734.2
24°	729.8	731.3	729.8	726.7	725.8	725.4
24.5°	721.4	722.2	721.4	718.9	717.6	716.7
25°	712.8	713.1	712.8	710.8	709.3	707.7
25.5°	704.1	703.5	704.1	702.7	700.8	698.6
26°	695.0	693.9	695.0	694.2	692.1	689.4
26.5°	685.9	683.9	685.9	685.5	683.2	680.0
27°	676.6	674.0	676.6	676.6	674.1	670.5
27.5°	667.0	663.9	667.0	667.4	664.7	660.8
28°	657.1	653.3	657.1	657.9	655.1	651.0
28.5°	647.0	643.0	647.0	648.1	645.3	640.7
29°	636.7	632.4	636.7	638.1	635.2	630.5
29.5°	626.1	621.7	626.1	627.8	624.8	619.9
30°	615.1	610.4	615.1	617.0	614.1	609.2
30.5°	603.8	599.2	603.8	605.9	603.3	598.5
31°	592.3	587.6	592.3	594.6	592.2	587.4
31.5°	580.7	575.9	580.7	582.9	580.8	576.3
32°	568.7	564.3	568.7	570.7	569.0	564.9
32.5°	556.6	552.4	556.6	558.5	557.4	553.6
33°	544.3	540.4	544.3	545.9	545.1	541.9
33.5°	531.7	528.2	531.7	533.3	532.9	530.6
34°	519.2	516.2	519.2	520.1	520.3	518.4
34.5°	506.2	504.0	506.2	507.0	507.7	506.5
35°	493.2	491.6	493.2	493.4	494.5	494.2
35.5°	479.9	479.2	479.9	479.8	481.3	481.7
36°	466.6	466.6	466.6	465.9	468.0	468.6
36.5°	453.2	454.0	453.2	452.1	454.6	455.7
37°	439.9	440.8	439.9	437.9	440.8	442.5
37.5°	426.3	427.3	426.3	423.8	427.1	428.8
38°	412.6	413.0	412.6	410.0	413.2	415.0
38.5°	398.7	399.1	398.7	396.0	399.3	401.3
39°	384.8	385.3	384.8	382.2	384.7	387.2
39.5°	370.9	371.6	370.9	368.5	370.6	372.6
40°	356.8	357.9	356.8	354.7	356.8	358.1
40.5°	342.8	344.1	342.8	341.2	343.0	343.8
41°	328.7	329.9	328.7	327.3	329.2	329.3
41.5°	314.8	315.8	314.8	313.5	315.3	314.9
42°	301.0	301.6	301.0	300.0	301.2	300.6
42.5°	287.7	287.5	287.7	286.7	287.4	286.6
43°	274.4	273.4	274.4	273.5	273.4	272.7
43.5°	261.1	259.4	261.1	260.4	259.8	259.1
44°	248.0	245.9	248.0	247.4	246.1	245.6
44.5°	235.4	232.7	235.4	234.8	233.1	232.2

TEST NUMBER: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	222.6	219.7	222.6	222.4	220.2	219.1
45.5°	209.9	207.1	209.9	210.1	207.7	206.2
46°	197.6	194.7	197.6	197.8	195.3	193.5
46.5°	185.7	182.8	185.7	185.7	183.3	181.3
47°	174.0	171.3	174.0	173.9	171.6	169.4
47.5°	162.6	160.1	162.6	162.3	160.1	157.9
48°	151.3	149.3	151.3	151.0	149.0	146.8
48.5°	140.7	138.9	140.7	139.9	138.3	136.2
49°	130.2	128.9	130.2	129.2	128.0	126.3
49.5°	120.3	119.5	120.3	119.3	118.3	117.0
50°	111.0	110.5	111.0	109.7	109.0	107.9
50.5°	101.8	101.9	101.8	100.4	99.7	99.0
51°	92.8	93.3	92.8	91.2	90.8	90.5
51.5°	84.4	85.0	84.4	82.4	82.4	82.9
52°	76.3	76.9	76.3	74.2	74.8	75.4
52.5°	68.9	69.5	68.9	66.7	67.6	68.5
53°	62.1	62.7	62.1	59.9	60.9	62.0
53.5°	55.7	56.1	55.7	53.6	54.7	55.9
54°	49.7	50.0	49.7	47.9	48.9	50.0
54.5°	44.1	44.3	44.1	42.6	43.5	44.6
55°	38.9	39.1	38.9	37.7	38.5	39.4
55.5°	34.0	34.0	34.0	33.4	33.9	34.6
56°	29.7	29.7	29.7	29.2	29.8	30.3
56.5°	25.6	25.6	25.6	25.3	26.0	26.3
57°	21.7	21.8	21.7	21.6	22.3	22.5
57.5°	17.9	18.0	17.9	17.9	18.6	18.7
58°	14.3	14.3	14.3	14.4	15.0	14.9
58.5°	10.9	10.9	10.9	10.9	11.7	11.6
59°	7.6	7.5	7.6	7.5	8.4	8.2
59.5°	4.8	5.0	4.8	4.7	5.7	5.7
60°	2.9	3.2	2.9	3.2	3.8	3.8
60.5°	1.9	2.6	1.9	2.1	2.7	2.4
61°	1.6	2.1	1.6	1.7	2.2	2.0
61.5°	1.2	1.6	1.2	1.2	1.7	1.6
62°	0.9	1.1	0.9	1.0	1.3	1.3
62.5°	0.7	0.7	0.7	0.8	1.0	0.9
63°	0.6	0.6	0.6	0.7	0.8	0.8
63.5°	0.5	0.5	0.5	0.6	0.6	0.7
64°	0.4	0.4	0.4	0.5	0.6	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	0.5
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	0.4
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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.2	0.2	0.2	0.2	0.2	0.3
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	0.2	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°	0.1	0.0	0.1	0.1	0.1	0.1
72.5°	0.0	0.0	0.0	0.1	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	0.1
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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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°	0.1	0.1	0.1	0.1	0.1	0.1
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°	0.2	0.1	0.2	0.2	0.2	0.2
134.5°	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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°	0.3	0.2	0.3	0.3	0.3	0.3
143°	0.3	0.3	0.3	0.3	0.3	0.3
143.5°	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
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	0.4	0.4
151°	0.3	0.3	0.3	0.4	0.4	0.4
151.5°	0.4	0.4	0.4	0.4	0.4	0.4
152°	0.4	0.4	0.4	0.4	0.4	0.4
152.5°	0.4	0.4	0.4	0.4	0.4	0.4
153°	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
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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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	0.5	0.5
162.5°	0.4	0.4	0.4	0.4	0.5	0.5
163°	0.4	0.4	0.4	0.4	0.5	0.5
163.5°	0.4	0.4	0.4	0.5	0.5	0.5
164°	0.4	0.4	0.4	0.5	0.5	0.5
164.5°	0.4	0.4	0.4	0.5	0.5	0.5
165°	0.4	0.4	0.4	0.5	0.5	0.5
165.5°	0.4	0.4	0.4	0.5	0.5	0.5
166°	0.4	0.4	0.4	0.5	0.5	0.5
166.5°	0.4	0.4	0.4	0.5	0.5	0.5
167°	0.4	0.4	0.4	0.5	0.5	0.5
167.5°	0.4	0.4	0.4	0.4	0.5	0.5
168°	0.4	0.4	0.4	0.4	0.4	0.5
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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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: P1590606

CATALOG NUMBER: HCDLS510CSD6TRH-HI-5000K

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	6.4	7.6	6.8	7.9	8.2	6.2	7.3	6.5	7.6	7.9
	3H	6.3	7.3	6.7	7.6	8.0	6.0	7.0	6.4	7.3	7.7
	4H	6.2	7.1	6.6	7.4	7.8	5.9	6.8	6.3	7.2	7.6
	6H	6.1	6.9	6.5	7.3	7.7	5.8	6.6	6.2	7.0	7.4
	8H	6.0	6.8	6.5	7.2	7.6	5.8	6.5	6.2	6.9	7.3
	12H	6.0	6.7	6.4	7.1	7.5	5.7	6.4	6.1	6.8	7.3
4H	2H	6.2	7.1	6.6	7.4	7.8	5.9	6.8	6.3	7.2	7.6
	3H	6.0	6.7	6.4	7.1	7.6	5.7	6.5	6.1	6.9	7.3
	4H	5.9	6.5	6.3	7.0	7.4	5.6	6.3	6.1	6.7	7.1
	6H	5.8	6.4	6.3	6.8	7.3	5.5	6.1	6.0	6.5	7.0
	8H	5.7	6.2	6.2	6.7	7.2	5.4	6.0	5.9	6.4	6.9
	12H	5.7	6.1	6.2	6.6	7.1	5.4	5.8	5.9	6.3	6.8
8H	4H	5.7	6.2	6.2	6.7	7.2	5.4	6.0	5.9	6.4	6.9
	6H	5.6	6.0	6.1	6.5	7.0	5.3	5.7	5.8	6.2	6.7
	8H	5.5	5.9	6.1	6.4	6.9	5.2	5.6	5.8	6.1	6.6
	12H	5.5	5.8	6.0	6.3	6.9	5.2	5.5	5.7	6.0	6.6
12H	4H	5.7	6.1	6.2	6.6	7.1	5.4	5.8	5.9	6.3	6.8
	6H	5.5	5.9	6.1	6.4	6.9	5.3	5.6	5.8	6.1	6.6
	8H	5.5	5.8	6.0	6.3	6.9	5.2	5.5	5.7	6.0	6.6

(END OF REPORT)