

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: P1590591

Luminaire Tested: HCDLS510CSD6TRC-HI-5000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590591
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-5000K
Description: 6" Selectable Round Trim + Specular Clear 1000 Lumens 5000K

Light Source:
Ballast/Driver: -

Summary

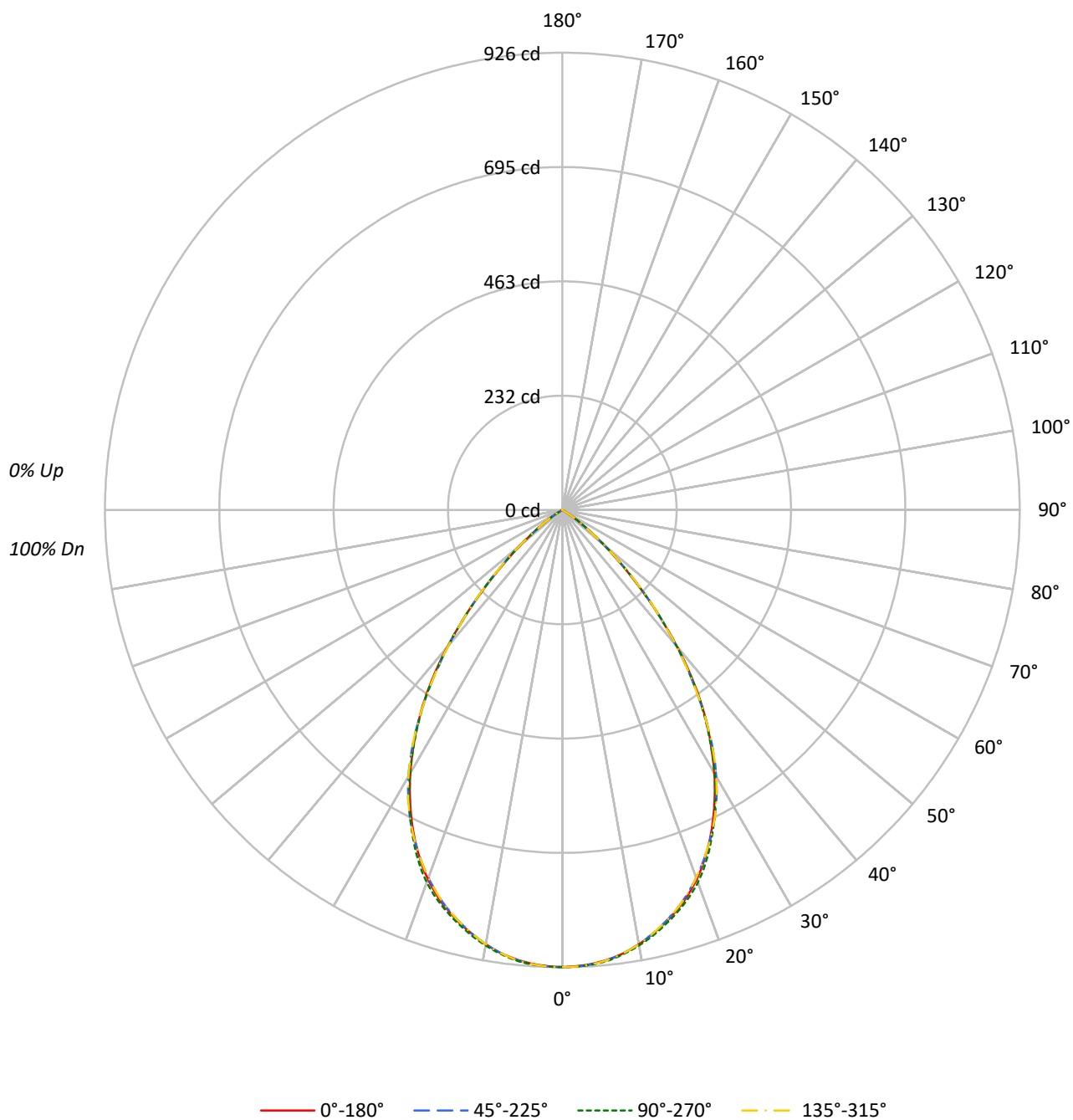
Lumens per Lamp: N/A
Luminaire Lumens: 1176.6 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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°	50747	50747	50747	50747
5°	50501	50622	50501	50622
10°	49715	49843	49715	49843
15°	48366	48587	48366	48587
20°	46426	46834	46426	46834
25°	43236	43563	43236	43563
30°	38949	39025	38949	39025
35°	33401	33227	33401	33227
40°	25884	25870	25884	25870
45°	17157	17203	17157	17203
50°	9296	9518	9296	9518
55°	3804	3775	3804	3775
60°	428	351	428	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: 17428 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.9	7.4
10°-20°	239.5	20.4
20°-30°	328.3	27.9
30°-40°	307.9	26.2
40°-50°	173.2	14.7
50°-60°	39.4	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°	654.6	55.6
0°-40°	962.6	81.8
0°-60°	1175.2	99.9
0°-90°	1175.9	99.9
90°-120°	0.0	0.0
90°-150°	0.4	0.0
90°-180°	1.0	0.1
0°-180°	1176.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	926	926	926	926	926	
5°	918	920	918	920	918	87
15°	852	856	852	856	852	239
25°	715	720	715	720	715	327
35°	499	496	499	496	499	308
45°	221	222	221	222	221	172
55°	40	40	40	40	40	40
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

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	925.7	925.7	925.7	925.7	925.7	925.7	925.7	925.7	925.7	925.7	925.7
0.5°	925.3	925.5	925.9	925.8	925.6	925.8	925.9	925.5	925.3	925.5	925.9
1°	925.1	925.2	925.7	925.6	925.4	925.6	925.7	925.2	925.1	925.2	925.7
1.5°	924.6	924.8	925.3	925.4	925.2	925.4	925.3	924.8	924.6	924.8	925.3
2°	924.1	924.3	924.9	925.0	924.9	925.0	924.9	924.3	924.1	924.3	924.9
2.5°	923.3	923.6	924.2	924.4	924.4	924.4	924.2	923.6	923.3	923.6	924.2
3°	922.5	922.8	923.4	923.7	923.9	923.7	923.4	922.8	922.5	922.8	923.4
3.5°	921.5	921.8	922.4	922.9	923.2	922.9	922.4	921.8	921.5	921.8	922.4
4°	920.3	920.7	921.2	921.8	922.3	921.8	921.2	920.7	920.3	920.7	921.2
4.5°	919.1	919.4	920.0	920.6	921.2	920.6	920.0	919.4	919.1	919.4	920.0
5°	917.7	918.0	918.6	919.1	919.9	919.1	918.6	918.0	917.7	918.0	918.6
5.5°	916.1	916.3	916.8	917.4	918.3	917.4	916.8	916.3	916.1	916.3	916.8
6°	914.2	914.6	914.9	915.4	916.5	915.4	914.9	914.6	914.2	914.6	914.9
6.5°	912.2	912.8	912.8	913.3	914.5	913.3	912.8	912.8	912.2	912.8	912.8
7°	910.2	910.6	910.5	911.0	912.3	911.0	910.5	910.6	910.2	910.6	910.5
7.5°	907.8	908.4	908.1	908.5	909.7	908.5	908.1	908.4	907.8	908.4	908.1
8°	905.3	905.8	905.5	905.8	907.2	905.8	905.5	905.8	905.3	905.8	905.5
8.5°	902.5	903.2	902.7	903.0	904.5	903.0	902.7	903.2	902.5	903.2	902.7
9°	899.6	900.3	899.6	900.0	901.5	900.0	899.6	900.3	899.6	900.3	899.6
9.5°	896.3	897.1	896.4	897.0	898.6	897.0	896.4	897.1	896.3	897.1	896.4
10°	893.1	893.8	892.9	893.7	895.4	893.7	892.9	893.8	893.1	893.8	892.9
10.5°	889.6	890.1	889.3	890.5	892.1	890.5	889.3	890.1	889.6	890.1	889.3
11°	885.9	886.4	885.5	887.0	888.6	887.0	885.5	886.4	885.9	886.4	885.5
11.5°	882.1	882.4	881.6	883.5	885.0	883.5	881.6	882.4	882.1	882.4	881.6
12°	878.2	878.4	877.5	879.8	881.2	879.8	877.5	878.4	878.2	878.4	877.5
12.5°	874.0	874.0	873.3	876.0	877.3	876.0	873.3	874.0	874.0	874.0	873.3
13°	869.9	869.7	869.0	872.0	873.4	872.0	869.0	869.7	869.9	869.7	869.0
13.5°	865.6	865.1	864.6	868.0	869.3	868.0	864.6	865.1	865.6	865.1	864.6
14°	861.3	860.6	860.0	863.7	864.9	863.7	860.0	860.6	861.3	860.6	860.0
14.5°	856.8	855.7	855.4	859.3	860.6	859.3	855.4	855.7	856.8	855.7	855.4
15°	852.2	850.8	850.6	854.7	856.1	854.7	850.6	850.8	852.2	850.8	850.6
15.5°	847.3	845.8	845.7	850.0	851.5	850.0	845.7	845.8	847.3	845.8	845.7
16°	842.5	840.8	840.7	844.9	846.7	844.9	840.7	840.8	842.5	840.8	840.7
16.5°	837.6	835.2	835.4	839.6	842.0	839.6	835.4	835.2	837.6	835.2	835.4
17°	832.5	829.8	829.8	834.2	837.0	834.2	829.8	829.8	832.5	829.8	829.8
17.5°	827.0	824.3	824.1	828.5	831.9	828.5	824.1	824.3	827.0	824.3	824.1
18°	821.2	818.6	818.2	822.7	826.5	822.7	818.2	818.6	821.2	818.6	818.2
18.5°	815.1	812.6	812.1	816.8	820.9	816.8	812.1	812.6	815.1	812.6	812.1
19°	809.0	806.5	805.8	810.8	815.1	810.8	805.8	806.5	809.0	806.5	805.8
19.5°	802.4	800.0	799.2	804.6	809.2	804.6	799.2	800.0	802.4	800.0	799.2
20°	795.8	793.5	792.7	798.0	802.8	798.0	792.7	793.5	795.8	793.5	792.7
20.5°	788.8	786.7	785.9	791.3	795.7	791.3	785.9	786.7	788.8	786.7	785.9
21°	781.6	779.6	778.8	784.1	788.5	784.1	778.8	779.6	781.6	779.6	778.8
21.5°	774.2	772.3	771.5	776.8	780.9	776.8	771.5	772.3	774.2	772.3	771.5
22°	766.4	764.8	764.1	769.1	773.0	769.1	764.1	764.8	766.4	764.8	764.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	758.3	757.0	756.8	761.4	764.6	761.4	756.8	757.0	758.3	757.0	756.8
23°	750.0	749.3	749.2	753.5	756.3	753.5	749.2	749.3	750.0	749.3	749.2
23.5°	741.5	741.2	741.6	745.3	747.6	745.3	741.6	741.2	741.5	741.2	741.6
24°	732.7	733.1	734.0	737.1	738.7	737.1	734.0	733.1	732.7	733.1	734.0
24.5°	723.9	724.8	726.1	728.6	729.5	728.6	726.1	724.8	723.9	724.8	726.1
25°	714.8	716.3	717.9	720.0	720.2	720.0	717.9	716.3	714.8	716.3	717.9
25.5°	705.6	707.8	709.7	711.1	710.6	711.1	709.7	707.8	705.6	707.8	709.7
26°	696.3	699.0	701.2	702.0	700.8	702.0	701.2	699.0	696.3	699.0	701.2
26.5°	686.8	690.1	692.3	692.8	690.8	692.8	692.3	690.1	686.8	690.1	692.3
27°	677.2	680.9	683.4	683.3	680.7	683.3	683.4	680.9	677.2	680.9	683.4
27.5°	667.4	671.4	674.1	673.7	670.5	673.7	674.1	671.4	667.4	671.4	674.1
28°	657.6	661.6	664.5	663.7	659.9	663.7	664.5	661.6	657.6	661.6	664.5
28.5°	647.1	651.7	654.6	653.5	649.4	653.5	654.6	651.7	647.1	651.7	654.6
29°	636.8	641.6	644.4	643.0	638.7	643.0	644.4	641.6	636.8	641.6	644.4
29.5°	626.1	631.1	634.0	632.3	627.9	632.3	634.0	631.1	626.1	631.1	634.0
30°	615.3	620.3	623.1	621.3	616.5	621.3	623.1	620.3	615.3	620.3	623.1
30.5°	604.5	609.4	612.0	609.9	605.2	609.9	612.0	609.4	604.5	609.4	612.0
31°	593.3	598.1	600.5	598.2	593.5	598.2	600.5	598.1	593.3	598.1	600.5
31.5°	582.0	586.6	588.7	586.5	581.7	586.5	588.7	586.6	582.0	586.6	588.7
32°	570.6	574.7	576.4	574.4	569.9	574.4	576.4	574.7	570.6	574.7	576.4
32.5°	559.1	563.0	564.1	562.2	557.9	562.2	564.1	563.0	559.1	563.0	564.1
33°	547.4	550.5	551.4	549.8	545.8	549.8	551.4	550.5	547.4	550.5	551.4
33.5°	535.9	538.2	538.6	537.1	533.5	537.1	538.6	538.2	535.9	538.2	538.6
34°	523.6	525.5	525.3	524.4	521.4	524.4	525.3	525.5	523.6	525.5	525.3
34.5°	511.5	512.8	512.1	511.2	509.0	511.2	512.1	512.8	511.5	512.8	512.1
35°	499.1	499.4	498.3	498.1	496.5	498.1	498.3	499.4	499.1	499.4	498.3
35.5°	486.5	486.1	484.6	484.7	484.0	484.7	484.6	486.1	486.5	486.1	484.6
36°	473.3	472.7	470.5	471.3	471.3	471.3	470.5	472.7	473.3	472.7	470.5
36.5°	460.3	459.1	456.6	457.7	458.5	457.7	456.6	459.1	460.3	459.1	456.6
37°	446.9	445.2	442.3	444.3	445.2	444.3	442.3	445.2	446.9	445.2	442.3
37.5°	433.1	431.3	428.1	430.6	431.5	430.6	428.1	431.3	433.1	431.3	428.1
38°	419.1	417.3	414.0	416.7	417.1	416.7	414.0	417.3	419.1	417.3	414.0
38.5°	405.3	403.3	400.0	402.7	403.1	402.7	400.0	403.3	405.3	403.3	400.0
39°	391.0	388.5	386.0	388.6	389.2	388.6	386.0	388.5	391.0	388.5	386.0
39.5°	376.3	374.3	372.1	374.6	375.3	374.6	372.1	374.3	376.3	374.3	372.1
40°	361.7	360.3	358.3	360.4	361.5	360.4	358.3	360.3	361.7	360.3	358.3
40.5°	347.2	346.4	344.6	346.2	347.6	346.2	344.6	346.4	347.2	346.4	344.6
41°	332.6	332.5	330.6	332.0	333.2	332.0	330.6	332.5	332.6	332.5	330.6
41.5°	318.1	318.5	316.7	318.0	318.9	318.0	316.7	318.5	318.1	318.5	316.7
42°	303.6	304.3	303.0	304.0	304.6	304.0	303.0	304.3	303.6	304.3	303.0
42.5°	289.5	290.2	289.6	290.6	290.4	290.6	289.6	290.2	289.5	290.2	289.6
43°	275.5	276.1	276.3	277.1	276.2	277.1	276.3	276.1	275.5	276.1	276.3
43.5°	261.6	262.4	263.0	263.7	262.0	263.7	263.0	262.4	261.6	262.4	263.0
44°	248.1	248.6	249.9	250.5	248.3	250.5	249.9	248.6	248.1	248.6	249.9
44.5°	234.5	235.4	237.2	237.8	235.1	237.8	237.2	235.4	234.5	235.4	237.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	221.3	222.4	224.7	224.8	221.9	224.8	224.7	222.4	221.3	222.4	224.7
45.5°	208.2	209.7	212.2	212.0	209.2	212.0	212.2	209.7	208.2	209.7	212.2
46°	195.4	197.3	199.8	199.6	196.7	199.6	199.8	197.3	195.4	197.3	199.8
46.5°	183.1	185.2	187.6	187.5	184.7	187.5	187.6	185.2	183.1	185.2	187.6
47°	171.1	173.3	175.6	175.7	173.0	175.7	175.6	173.3	171.1	173.3	175.6
47.5°	159.5	161.8	163.9	164.2	161.7	164.2	163.9	161.8	159.5	161.8	163.9
48°	148.2	150.5	152.5	152.8	150.8	152.8	152.5	150.5	148.2	150.5	152.5
48.5°	137.6	139.7	141.3	142.1	140.3	142.1	141.3	139.7	137.6	139.7	141.3
49°	127.5	129.2	130.5	131.5	130.2	131.5	130.5	129.2	127.5	129.2	130.5
49.5°	118.1	119.5	120.5	121.5	120.7	121.5	120.5	119.5	118.1	119.5	120.5
50°	109.0	110.1	110.8	112.1	111.6	112.1	110.8	110.1	109.0	110.1	110.8
50.5°	100.0	100.7	101.4	102.8	102.9	102.8	101.4	100.7	100.0	100.7	101.4
51°	91.4	91.7	92.1	93.7	94.2	93.7	92.1	91.7	91.4	91.7	92.1
51.5°	83.7	83.2	83.2	85.3	85.9	85.3	83.2	83.2	83.7	83.2	83.2
52°	76.2	75.5	75.0	77.1	77.7	77.1	75.0	75.5	76.2	75.5	75.0
52.5°	69.2	68.3	67.4	69.6	70.2	69.6	67.4	68.3	69.2	68.3	67.4
53°	62.7	61.5	60.5	62.7	63.3	62.7	60.5	61.5	62.7	61.5	60.5
53.5°	56.4	55.2	54.2	56.2	56.6	56.2	54.2	55.2	56.4	55.2	54.2
54°	50.5	49.4	48.4	50.2	50.5	50.2	48.4	49.4	50.5	49.4	48.4
54.5°	45.0	44.0	43.0	44.5	44.8	44.5	43.0	44.0	45.0	44.0	43.0
55°	39.8	38.9	38.1	39.2	39.5	39.2	38.1	38.9	39.8	38.9	38.1
55.5°	34.9	34.3	33.7	34.3	34.4	34.3	33.7	34.3	34.9	34.3	33.7
56°	30.6	30.1	29.5	30.0	30.0	30.0	29.5	30.1	30.6	30.1	29.5
56.5°	26.5	26.3	25.6	25.8	25.9	25.8	25.6	26.3	26.5	26.3	25.6
57°	22.7	22.5	21.8	21.9	22.1	21.9	21.8	22.5	22.7	22.5	21.8
57.5°	18.9	18.8	18.1	18.1	18.2	18.1	18.1	18.8	18.9	18.8	18.1
58°	15.1	15.1	14.6	14.5	14.4	14.5	14.6	15.1	15.1	15.1	14.6
58.5°	11.7	11.8	11.0	11.0	11.0	11.0	11.0	11.8	11.7	11.8	11.0
59°	8.3	8.5	7.6	7.6	7.6	7.6	7.6	8.5	8.3	8.5	7.6
59.5°	5.8	5.7	4.8	4.8	5.1	4.8	4.8	5.7	5.8	5.7	4.8
60°	3.9	3.8	3.2	2.9	3.2	2.9	3.2	3.8	3.9	3.8	3.2
60.5°	2.4	2.7	2.1	2.0	2.6	2.0	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	1.8	1.2	1.2	1.6	1.2	1.2	1.8	1.6	1.8	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	0.7	0.6	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.6
64°	0.6	0.6	0.5	0.5	0.4	0.5	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	0.4	0.3	0.4	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	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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	0.1	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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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	0.2	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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
142.5°	0.3	0.3	0.3	0.3	0.3	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	0.4	0.3	0.4	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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
161.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	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	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
163°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
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	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
168°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
168.5°	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
169°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	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	0.5	0.4	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	925.7	925.7	925.7	925.7	925.7	925.7
0.5°	925.8	925.6	925.8	925.9	925.5	925.3
1°	925.6	925.4	925.6	925.7	925.2	925.1
1.5°	925.4	925.2	925.4	925.3	924.8	924.6
2°	925.0	924.9	925.0	924.9	924.3	924.1
2.5°	924.4	924.4	924.4	924.2	923.6	923.3
3°	923.7	923.9	923.7	923.4	922.8	922.5
3.5°	922.9	923.2	922.9	922.4	921.8	921.5
4°	921.8	922.3	921.8	921.2	920.7	920.3
4.5°	920.6	921.2	920.6	920.0	919.4	919.1
5°	919.1	919.9	919.1	918.6	918.0	917.7
5.5°	917.4	918.3	917.4	916.8	916.3	916.1
6°	915.4	916.5	915.4	914.9	914.6	914.2
6.5°	913.3	914.5	913.3	912.8	912.8	912.2
7°	911.0	912.3	911.0	910.5	910.6	910.2
7.5°	908.5	909.7	908.5	908.1	908.4	907.8
8°	905.8	907.2	905.8	905.5	905.8	905.3
8.5°	903.0	904.5	903.0	902.7	903.2	902.5
9°	900.0	901.5	900.0	899.6	900.3	899.6
9.5°	897.0	898.6	897.0	896.4	897.1	896.3
10°	893.7	895.4	893.7	892.9	893.8	893.1
10.5°	890.5	892.1	890.5	889.3	890.1	889.6
11°	887.0	888.6	887.0	885.5	886.4	885.9
11.5°	883.5	885.0	883.5	881.6	882.4	882.1
12°	879.8	881.2	879.8	877.5	878.4	878.2
12.5°	876.0	877.3	876.0	873.3	874.0	874.0
13°	872.0	873.4	872.0	869.0	869.7	869.9
13.5°	868.0	869.3	868.0	864.6	865.1	865.6
14°	863.7	864.9	863.7	860.0	860.6	861.3
14.5°	859.3	860.6	859.3	855.4	855.7	856.8
15°	854.7	856.1	854.7	850.6	850.8	852.2
15.5°	850.0	851.5	850.0	845.7	845.8	847.3
16°	844.9	846.7	844.9	840.7	840.8	842.5
16.5°	839.6	842.0	839.6	835.4	835.2	837.6
17°	834.2	837.0	834.2	829.8	829.8	832.5
17.5°	828.5	831.9	828.5	824.1	824.3	827.0
18°	822.7	826.5	822.7	818.2	818.6	821.2
18.5°	816.8	820.9	816.8	812.1	812.6	815.1
19°	810.8	815.1	810.8	805.8	806.5	809.0
19.5°	804.6	809.2	804.6	799.2	800.0	802.4
20°	798.0	802.8	798.0	792.7	793.5	795.8
20.5°	791.3	795.7	791.3	785.9	786.7	788.8
21°	784.1	788.5	784.1	778.8	779.6	781.6
21.5°	776.8	780.9	776.8	771.5	772.3	774.2
22°	769.1	773.0	769.1	764.1	764.8	766.4

TEST NUMBER: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	761.4	764.6	761.4	756.8	757.0	758.3
23°	753.5	756.3	753.5	749.2	749.3	750.0
23.5°	745.3	747.6	745.3	741.6	741.2	741.5
24°	737.1	738.7	737.1	734.0	733.1	732.7
24.5°	728.6	729.5	728.6	726.1	724.8	723.9
25°	720.0	720.2	720.0	717.9	716.3	714.8
25.5°	711.1	710.6	711.1	709.7	707.8	705.6
26°	702.0	700.8	702.0	701.2	699.0	696.3
26.5°	692.8	690.8	692.8	692.3	690.1	686.8
27°	683.3	680.7	683.3	683.4	680.9	677.2
27.5°	673.7	670.5	673.7	674.1	671.4	667.4
28°	663.7	659.9	663.7	664.5	661.6	657.6
28.5°	653.5	649.4	653.5	654.6	651.7	647.1
29°	643.0	638.7	643.0	644.4	641.6	636.8
29.5°	632.3	627.9	632.3	634.0	631.1	626.1
30°	621.3	616.5	621.3	623.1	620.3	615.3
30.5°	609.9	605.2	609.9	612.0	609.4	604.5
31°	598.2	593.5	598.2	600.5	598.1	593.3
31.5°	586.5	581.7	586.5	588.7	586.6	582.0
32°	574.4	569.9	574.4	576.4	574.7	570.6
32.5°	562.2	557.9	562.2	564.1	563.0	559.1
33°	549.8	545.8	549.8	551.4	550.5	547.4
33.5°	537.1	533.5	537.1	538.6	538.2	535.9
34°	524.4	521.4	524.4	525.3	525.5	523.6
34.5°	511.2	509.0	511.2	512.1	512.8	511.5
35°	498.1	496.5	498.1	498.3	499.4	499.1
35.5°	484.7	484.0	484.7	484.6	486.1	486.5
36°	471.3	471.3	471.3	470.5	472.7	473.3
36.5°	457.7	458.5	457.7	456.6	459.1	460.3
37°	444.3	445.2	444.3	442.3	445.2	446.9
37.5°	430.6	431.5	430.6	428.1	431.3	433.1
38°	416.7	417.1	416.7	414.0	417.3	419.1
38.5°	402.7	403.1	402.7	400.0	403.3	405.3
39°	388.6	389.2	388.6	386.0	388.5	391.0
39.5°	374.6	375.3	374.6	372.1	374.3	376.3
40°	360.4	361.5	360.4	358.3	360.3	361.7
40.5°	346.2	347.6	346.2	344.6	346.4	347.2
41°	332.0	333.2	332.0	330.6	332.5	332.6
41.5°	318.0	318.9	318.0	316.7	318.5	318.1
42°	304.0	304.6	304.0	303.0	304.3	303.6
42.5°	290.6	290.4	290.6	289.6	290.2	289.5
43°	277.1	276.2	277.1	276.3	276.1	275.5
43.5°	263.7	262.0	263.7	263.0	262.4	261.6
44°	250.5	248.3	250.5	249.9	248.6	248.1
44.5°	237.8	235.1	237.8	237.2	235.4	234.5

TEST NUMBER: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	224.8	221.9	224.8	224.7	222.4	221.3
45.5°	212.0	209.2	212.0	212.2	209.7	208.2
46°	199.6	196.7	199.6	199.8	197.3	195.4
46.5°	187.5	184.7	187.5	187.6	185.2	183.1
47°	175.7	173.0	175.7	175.6	173.3	171.1
47.5°	164.2	161.7	164.2	163.9	161.8	159.5
48°	152.8	150.8	152.8	152.5	150.5	148.2
48.5°	142.1	140.3	142.1	141.3	139.7	137.6
49°	131.5	130.2	131.5	130.5	129.2	127.5
49.5°	121.5	120.7	121.5	120.5	119.5	118.1
50°	112.1	111.6	112.1	110.8	110.1	109.0
50.5°	102.8	102.9	102.8	101.4	100.7	100.0
51°	93.7	94.2	93.7	92.1	91.7	91.4
51.5°	85.3	85.9	85.3	83.2	83.2	83.7
52°	77.1	77.7	77.1	75.0	75.5	76.2
52.5°	69.6	70.2	69.6	67.4	68.3	69.2
53°	62.7	63.3	62.7	60.5	61.5	62.7
53.5°	56.2	56.6	56.2	54.2	55.2	56.4
54°	50.2	50.5	50.2	48.4	49.4	50.5
54.5°	44.5	44.8	44.5	43.0	44.0	45.0
55°	39.2	39.5	39.2	38.1	38.9	39.8
55.5°	34.3	34.4	34.3	33.7	34.3	34.9
56°	30.0	30.0	30.0	29.5	30.1	30.6
56.5°	25.8	25.9	25.8	25.6	26.3	26.5
57°	21.9	22.1	21.9	21.8	22.5	22.7
57.5°	18.1	18.2	18.1	18.1	18.8	18.9
58°	14.5	14.4	14.5	14.6	15.1	15.1
58.5°	11.0	11.0	11.0	11.0	11.8	11.7
59°	7.6	7.6	7.6	7.6	8.5	8.3
59.5°	4.8	5.1	4.8	4.8	5.7	5.8
60°	2.9	3.2	2.9	3.2	3.8	3.9
60.5°	2.0	2.6	2.0	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	1.8	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	0.7	0.7
64°	0.5	0.4	0.5	0.5	0.6	0.6
64.5°	0.4	0.4	0.4	0.4	0.5	0.5
65°	0.4	0.3	0.4	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	0.4	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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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	0.1	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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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	0.2	0.2	0.2	0.2	0.2
134.5°	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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	0.3
142.5°	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
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°	0.4	0.3	0.4	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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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	0.5	0.5
161.5°	0.4	0.4	0.4	0.4	0.5	0.5
162°	0.4	0.4	0.4	0.4	0.5	0.5
162.5°	0.4	0.4	0.4	0.5	0.5	0.5
163°	0.4	0.4	0.4	0.5	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	0.5	0.5	0.5
168°	0.4	0.4	0.4	0.5	0.5	0.5
168.5°	0.4	0.4	0.4	0.5	0.5	0.5
169°	0.4	0.4	0.4	0.4	0.4	0.5
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	0.5	0.4	0.4	0.4	0.4



TEST NUMBER: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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: P1590591

CATALOG NUMBER: HCDLS510CSD6TRC-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	6.5	7.6	6.8	7.9	8.2	6.2	7.3	6.6	7.6	8.0
	3H	6.3	7.3	6.7	7.6	8.0	6.0	7.0	6.4	7.4	7.7
	4H	6.2	7.1	6.6	7.5	7.9	5.9	6.9	6.4	7.2	7.6
	6H	6.1	6.9	6.5	7.3	7.7	5.9	6.7	6.3	7.1	7.4
	8H	6.1	6.8	6.5	7.2	7.7	5.8	6.6	6.2	7.0	7.4
	12H	6.0	6.8	6.5	7.1	7.6	5.7	6.5	6.2	6.9	7.3
4H	2H	6.2	7.1	6.6	7.5	7.9	5.9	6.9	6.4	7.2	7.6
	3H	6.0	6.8	6.5	7.2	7.6	5.8	6.5	6.2	6.9	7.3
	4H	5.9	6.6	6.4	7.0	7.5	5.7	6.3	6.1	6.7	7.2
	6H	5.8	6.4	6.3	6.8	7.3	5.6	6.1	6.0	6.6	7.0
	8H	5.8	6.3	6.2	6.7	7.2	5.5	6.0	6.0	6.5	6.9
	12H	5.7	6.2	6.2	6.6	7.1	5.4	5.9	5.9	6.4	6.8
8H	4H	5.8	6.3	6.2	6.7	7.2	5.5	6.0	6.0	6.5	6.9
	6H	5.6	6.1	6.2	6.6	7.0	5.4	5.8	5.9	6.3	6.8
	8H	5.6	5.9	6.1	6.5	7.0	5.3	5.7	5.8	6.2	6.7
	12H	5.5	5.8	6.0	6.3	6.9	5.2	5.6	5.8	6.1	6.6
12H	4H	5.7	6.2	6.2	6.6	7.1	5.4	5.9	5.9	6.4	6.8
	6H	5.6	5.9	6.1	6.4	7.0	5.3	5.7	5.8	6.1	6.7
	8H	5.5	5.8	6.0	6.3	6.9	5.2	5.6	5.8	6.1	6.6

(END OF REPORT)