

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: P1590589

Luminaire Tested: HCDLS510CSD6TRC-HI-3500K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590589
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-3500K
Description: 6" Selectable Round Trim + Specular Clear 1000 Lumens 3500K

Light Source:
Ballast/Driver: -

Summary

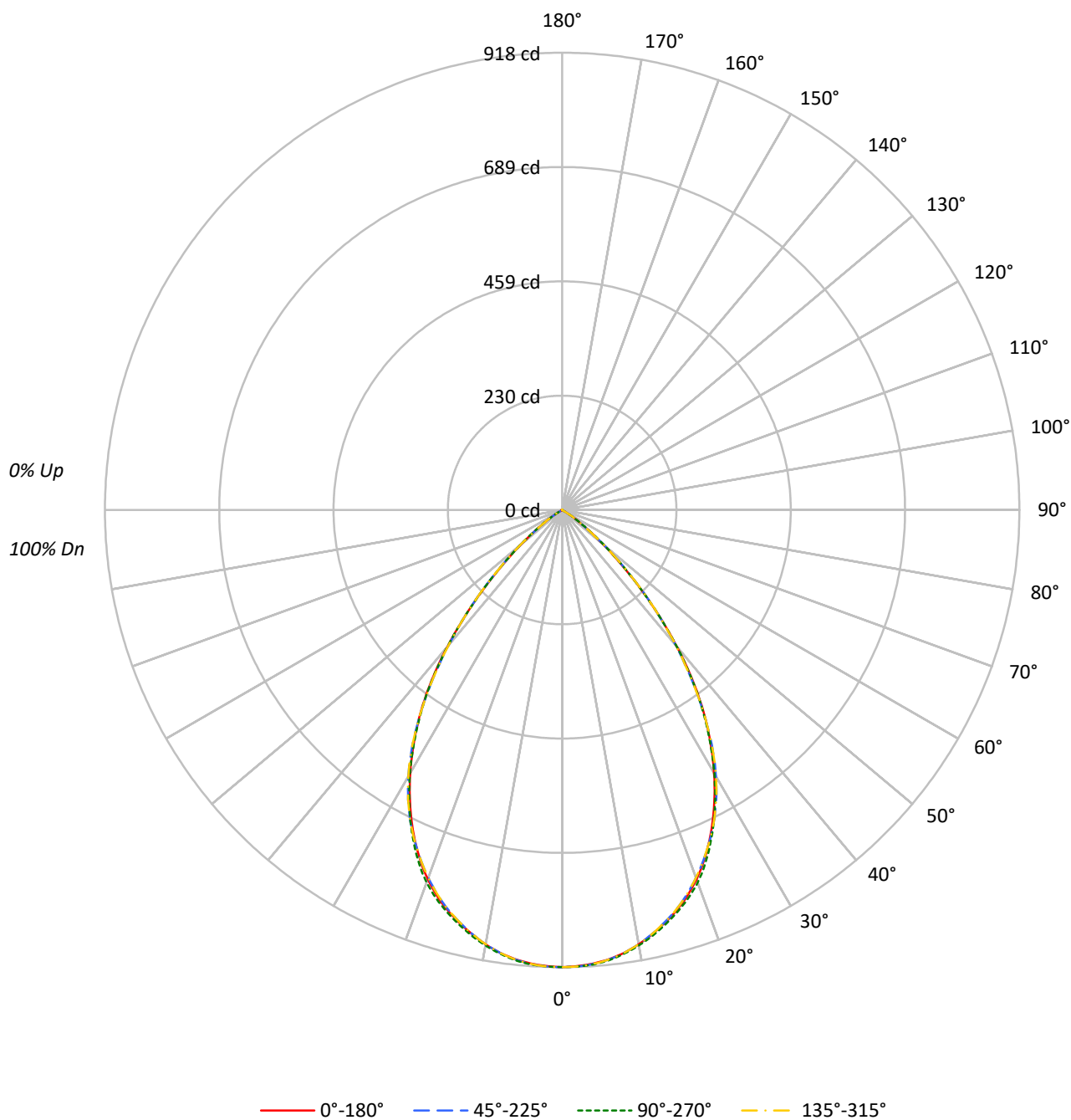
Lumens per Lamp: N/A
Luminaire Lumens: 1166.5 lumens
Efficiency: N/A
Efficacy: 105.1 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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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°	50314	50314	50314	50314
5°	50066	50187	50066	50187
10°	49287	49415	49287	49415
15°	47951	48167	47951	48167
20°	46029	46432	46029	46432
25°	42867	43194	42867	43194
30°	38614	38689	38614	38689
35°	33120	32940	33120	32940
40°	25662	25648	25662	25648
45°	17010	17056	17010	17056
50°	9219	9441	9219	9441
55°	3775	3737	3775	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: 17281 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.1	7.4
10°-20°	237.4	20.4
20°-30°	325.5	27.9
30°-40°	305.3	26.2
40°-50°	171.8	14.7
50°-60°	39.1	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°	649.0	55.6
0°-40°	954.3	81.8
0°-60°	1165.1	99.9
0°-90°	1165.8	99.9
90°-120°	0.0	0.0
90°-150°	0.4	0.0
90°-180°	1.0	0.1
0°-180°	1166.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	918	918	918	918	918	
5°	910	912	910	912	910	86
15°	845	849	845	849	845	237
25°	709	714	709	714	709	324
35°	495	492	495	492	495	305
45°	219	220	219	220	219	171
55°	40	39	40	39	40	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

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	917.8	917.8	917.8	917.8	917.8	917.8	917.8	917.8	917.8	917.8	917.8
0.5°	917.3	917.5	917.9	917.9	917.6	917.9	917.9	917.5	917.3	917.5	917.9
1°	917.1	917.3	917.7	917.7	917.4	917.7	917.7	917.3	917.1	917.3	917.7
1.5°	916.7	916.9	917.4	917.4	917.2	917.4	917.4	916.9	916.7	916.9	917.4
2°	916.1	916.4	916.9	917.0	917.0	917.0	916.9	916.4	916.1	916.4	916.9
2.5°	915.4	915.7	916.2	916.5	916.5	916.5	916.2	915.7	915.4	915.7	916.2
3°	914.6	914.9	915.5	915.7	916.0	915.7	915.5	914.9	914.6	914.9	915.5
3.5°	913.6	913.9	914.5	914.9	915.2	914.9	914.5	913.9	913.6	913.9	914.5
4°	912.4	912.8	913.3	913.9	914.4	913.9	913.3	912.8	912.4	912.8	913.3
4.5°	911.2	911.5	912.1	912.7	913.3	912.7	912.1	911.5	911.2	911.5	912.1
5°	909.8	910.1	910.7	911.3	912.0	911.3	910.7	910.1	909.8	910.1	910.7
5.5°	908.2	908.5	908.9	909.5	910.5	909.5	908.9	908.5	908.2	908.5	908.9
6°	906.4	906.8	907.1	907.6	908.7	907.6	907.1	906.8	906.4	906.8	907.1
6.5°	904.4	904.9	905.0	905.5	906.7	905.5	905.0	904.9	904.4	904.9	905.0
7°	902.4	902.8	902.7	903.2	904.4	903.2	902.7	902.8	902.4	902.8	902.7
7.5°	900.0	900.6	900.3	900.7	901.9	900.7	900.3	900.6	900.0	900.6	900.3
8°	897.5	898.1	897.7	898.0	899.4	898.0	897.7	898.1	897.5	898.1	897.7
8.5°	894.7	895.4	894.9	895.2	896.7	895.2	894.9	895.4	894.7	895.4	894.9
9°	891.8	892.5	891.9	892.3	893.8	892.3	891.9	892.5	891.8	892.5	891.9
9.5°	888.6	889.4	888.7	889.3	890.9	889.3	888.7	889.4	888.6	889.4	888.7
10°	885.4	886.1	885.2	886.1	887.7	886.1	885.2	886.1	885.4	886.1	885.2
10.5°	881.9	882.5	881.6	882.9	884.4	882.9	881.6	882.5	881.9	882.5	881.6
11°	878.3	878.8	877.9	879.4	881.0	879.4	877.9	878.8	878.3	878.8	877.9
11.5°	874.5	874.9	874.0	875.9	877.4	875.9	874.0	874.9	874.5	874.9	874.0
12°	870.6	870.8	869.9	872.2	873.6	872.2	869.9	870.8	870.6	870.8	869.9
12.5°	866.5	866.5	865.8	868.4	869.7	868.4	865.8	866.5	866.5	866.5	865.8
13°	862.4	862.2	861.5	864.5	865.9	864.5	861.5	862.2	862.4	862.2	861.5
13.5°	858.2	857.7	857.2	860.6	861.8	860.6	857.2	857.7	858.2	857.7	857.2
14°	853.9	853.2	852.7	856.3	857.5	856.3	852.7	853.2	853.9	853.2	852.7
14.5°	849.5	848.3	848.0	851.9	853.2	851.9	848.0	848.3	849.5	848.3	848.0
15°	844.9	843.5	843.3	847.3	848.7	847.3	843.3	843.5	844.9	843.5	843.3
15.5°	840.1	838.5	838.5	842.7	844.2	842.7	838.5	838.5	840.1	838.5	838.5
16°	835.3	833.5	833.5	837.7	839.5	837.7	833.5	833.5	835.3	833.5	833.5
16.5°	830.4	828.1	828.2	832.4	834.8	832.4	828.2	828.1	830.4	828.1	828.2
17°	825.4	822.7	822.6	827.1	829.8	827.1	822.6	822.7	825.4	822.7	822.6
17.5°	819.9	817.3	817.0	821.4	824.8	821.4	817.0	817.3	819.9	817.3	817.0
18°	814.1	811.6	811.2	815.6	819.4	815.6	811.2	811.6	814.1	811.6	811.2
18.5°	808.1	805.6	805.2	809.8	813.9	809.8	805.2	805.6	808.1	805.6	805.2
19°	802.0	799.5	798.9	803.8	808.1	803.8	798.9	799.5	802.0	799.5	798.9
19.5°	795.6	793.2	792.4	797.7	802.3	797.7	792.4	793.2	795.6	793.2	792.4
20°	789.0	786.6	785.9	791.2	795.9	791.2	785.9	786.6	789.0	786.6	785.9
20.5°	782.0	779.9	779.1	784.5	788.9	784.5	779.1	779.9	782.0	779.9	779.1
21°	774.9	772.9	772.1	777.4	781.8	777.4	772.1	772.9	774.9	772.9	772.1
21.5°	767.6	765.7	764.9	770.1	774.2	770.1	764.9	765.7	767.6	765.7	764.9
22°	759.8	758.3	757.6	762.5	766.3	762.5	757.6	758.3	759.8	758.3	757.6

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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°	751.8	750.5	750.3	754.9	758.1	754.9	750.3	750.5	751.8	750.5	750.3
23°	743.5	742.8	742.8	747.0	749.8	747.0	742.8	742.8	743.5	742.8	742.8
23.5°	735.1	734.8	735.3	738.9	741.2	738.9	735.3	734.8	735.1	734.8	735.3
24°	726.4	726.8	727.7	730.8	732.3	730.8	727.7	726.8	726.4	726.8	727.7
24.5°	717.6	718.6	719.8	722.4	723.2	722.4	719.8	718.6	717.6	718.6	719.8
25°	708.7	710.2	711.8	713.8	714.1	713.8	711.8	710.2	708.7	710.2	711.8
25.5°	699.6	701.7	703.6	705.0	704.5	705.0	703.6	701.7	699.6	701.7	703.6
26°	690.3	693.0	695.2	696.0	694.8	696.0	695.2	693.0	690.3	693.0	695.2
26.5°	680.9	684.1	686.4	686.8	684.8	686.8	686.4	684.1	680.9	684.1	686.4
27°	671.3	675.0	677.5	677.5	674.9	677.5	677.5	675.0	671.3	675.0	677.5
27.5°	661.7	665.6	668.3	667.9	664.7	667.9	668.3	665.6	661.7	665.6	668.3
28°	651.9	656.0	658.8	658.0	654.2	658.0	658.8	656.0	651.9	656.0	658.8
28.5°	641.6	646.1	649.0	647.9	643.8	647.9	649.0	646.1	641.6	646.1	649.0
29°	631.3	636.1	638.9	637.5	633.2	637.5	638.9	636.1	631.3	636.1	638.9
29.5°	620.7	625.6	628.6	626.9	622.5	626.9	628.6	625.6	620.7	625.6	628.6
30°	610.0	614.9	617.8	615.9	611.2	615.9	617.8	614.9	610.0	614.9	617.8
30.5°	599.3	604.1	606.7	604.6	600.0	604.6	606.7	604.1	599.3	604.1	606.7
31°	588.2	593.0	595.4	593.1	588.4	593.1	595.4	593.0	588.2	593.0	595.4
31.5°	577.0	581.6	583.7	581.4	576.7	581.4	583.7	581.6	577.0	581.6	583.7
32°	565.7	569.8	571.5	569.5	565.0	569.5	571.5	569.8	565.7	569.8	571.5
32.5°	554.3	558.2	559.3	557.4	553.1	557.4	559.3	558.2	554.3	558.2	559.3
33°	542.7	545.8	546.7	545.1	541.1	545.1	546.7	545.8	542.7	545.8	546.7
33.5°	531.3	533.6	534.0	532.5	528.9	532.5	534.0	533.6	531.3	533.6	534.0
34°	519.1	521.0	520.8	519.9	516.9	519.9	520.8	521.0	519.1	521.0	520.8
34.5°	507.1	508.4	507.7	506.8	504.7	506.8	507.7	508.4	507.1	508.4	507.7
35°	494.9	495.1	494.1	493.8	492.2	493.8	494.1	495.1	494.9	495.1	494.1
35.5°	482.3	482.0	480.4	480.6	479.9	480.6	480.4	482.0	482.3	482.0	480.4
36°	469.3	468.6	466.5	467.3	467.2	467.3	466.5	468.6	469.3	468.6	466.5
36.5°	456.3	455.2	452.7	453.8	454.6	453.8	452.7	455.2	456.3	455.2	452.7
37°	443.1	441.4	438.5	440.5	441.4	440.5	438.5	441.4	443.1	441.4	438.5
37.5°	429.4	427.6	424.4	426.9	427.8	426.9	424.4	427.6	429.4	427.6	424.4
38°	415.5	413.7	410.5	413.1	413.5	413.1	410.5	413.7	415.5	413.7	410.5
38.5°	401.8	399.8	396.5	399.2	399.6	399.2	396.5	399.8	401.8	399.8	396.5
39°	387.7	385.2	382.7	385.3	385.8	385.3	382.7	385.2	387.7	385.2	382.7
39.5°	373.1	371.1	369.0	371.4	372.1	371.4	369.0	371.1	373.1	371.1	369.0
40°	358.6	357.2	355.2	357.3	358.4	357.3	355.2	357.2	358.6	357.2	355.2
40.5°	344.2	343.5	341.6	343.2	344.6	343.2	341.6	343.5	344.2	343.5	341.6
41°	329.7	329.7	327.8	329.1	330.3	329.1	327.8	329.7	329.7	329.7	327.8
41.5°	315.3	315.7	313.9	315.2	316.2	315.2	313.9	315.7	315.3	315.7	313.9
42°	301.0	301.6	300.4	301.4	302.0	301.4	300.4	301.6	301.0	301.6	300.4
42.5°	287.0	287.8	287.1	288.1	287.9	288.1	287.1	287.8	287.0	287.8	287.1
43°	273.1	273.8	273.9	274.7	273.8	274.7	273.9	273.8	273.1	273.8	273.9
43.5°	259.4	260.2	260.8	261.4	259.8	261.4	260.8	260.2	259.4	260.2	260.8
44°	245.9	246.5	247.7	248.3	246.2	248.3	247.7	246.5	245.9	246.5	247.7
44.5°	232.5	233.4	235.1	235.8	233.0	235.8	235.1	233.4	232.5	233.4	235.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	219.4	220.5	222.7	222.9	220.0	222.9	222.7	220.5	219.4	220.5	222.7
45.5°	206.5	207.9	210.4	210.2	207.4	210.2	210.4	207.9	206.5	207.9	210.4
46°	193.8	195.6	198.1	197.9	195.0	197.9	198.1	195.6	193.8	195.6	198.1
46.5°	181.5	183.6	186.0	185.9	183.1	185.9	186.0	183.6	181.5	183.6	186.0
47°	169.6	171.9	174.1	174.2	171.5	174.2	174.1	171.9	169.6	171.9	174.1
47.5°	158.1	160.4	162.5	162.8	160.3	162.8	162.5	160.4	158.1	160.4	162.5
48°	147.0	149.2	151.2	151.5	149.5	151.5	151.2	149.2	147.0	149.2	151.2
48.5°	136.4	138.5	140.1	140.9	139.1	140.9	140.1	138.5	136.4	138.5	140.1
49°	126.4	128.1	129.4	130.4	129.0	130.4	129.4	128.1	126.4	128.1	129.4
49.5°	117.1	118.5	119.4	120.5	119.6	120.5	119.4	118.5	117.1	118.5	119.4
50°	108.1	109.1	109.9	111.1	110.7	111.1	109.9	109.1	108.1	109.1	109.9
50.5°	99.2	99.9	100.5	101.9	102.0	101.9	100.5	99.9	99.2	99.9	100.5
51°	90.6	90.9	91.3	92.9	93.4	92.9	91.3	90.9	90.6	90.9	91.3
51.5°	83.0	82.5	82.5	84.5	85.2	84.5	82.5	82.5	83.0	82.5	82.5
52°	75.5	74.9	74.3	76.4	77.0	76.4	74.3	74.9	75.5	74.9	74.3
52.5°	68.6	67.7	66.8	69.0	69.6	69.0	66.8	67.7	68.6	67.7	66.8
53°	62.1	61.0	59.9	62.2	62.8	62.2	59.9	61.0	62.1	61.0	59.9
53.5°	56.0	54.7	53.7	55.8	56.2	55.8	53.7	54.7	56.0	54.7	53.7
54°	50.1	49.0	48.0	49.7	50.1	49.7	48.0	49.0	50.1	49.0	48.0
54.5°	44.6	43.6	42.7	44.1	44.4	44.1	42.7	43.6	44.6	43.6	42.7
55°	39.5	38.6	37.8	38.9	39.1	38.9	37.8	38.6	39.5	38.6	37.8
55.5°	34.6	34.0	33.4	34.0	34.1	34.0	33.4	34.0	34.6	34.0	33.4
56°	30.4	29.9	29.2	29.7	29.7	29.7	29.2	29.9	30.4	29.9	29.2
56.5°	26.3	26.0	25.4	25.6	25.7	25.6	25.4	26.0	26.3	26.0	25.4
57°	22.5	22.3	21.6	21.7	21.9	21.7	21.6	22.3	22.5	22.3	21.6
57.5°	18.7	18.7	17.9	17.9	18.1	17.9	17.9	18.7	18.7	18.7	17.9
58°	15.0	15.0	14.5	14.4	14.3	14.4	14.5	15.0	15.0	15.0	14.5
58.5°	11.6	11.7	10.9	11.0	10.9	11.0	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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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	0.4	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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	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	0.5	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	0.4	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°	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	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: P1590589
CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	917.8	917.8	917.8	917.8	917.8	917.8
0.5°	917.9	917.6	917.9	917.9	917.5	917.3
1°	917.7	917.4	917.7	917.7	917.3	917.1
1.5°	917.4	917.2	917.4	917.4	916.9	916.7
2°	917.0	917.0	917.0	916.9	916.4	916.1
2.5°	916.5	916.5	916.5	916.2	915.7	915.4
3°	915.7	916.0	915.7	915.5	914.9	914.6
3.5°	914.9	915.2	914.9	914.5	913.9	913.6
4°	913.9	914.4	913.9	913.3	912.8	912.4
4.5°	912.7	913.3	912.7	912.1	911.5	911.2
5°	911.3	912.0	911.3	910.7	910.1	909.8
5.5°	909.5	910.5	909.5	908.9	908.5	908.2
6°	907.6	908.7	907.6	907.1	906.8	906.4
6.5°	905.5	906.7	905.5	905.0	904.9	904.4
7°	903.2	904.4	903.2	902.7	902.8	902.4
7.5°	900.7	901.9	900.7	900.3	900.6	900.0
8°	898.0	899.4	898.0	897.7	898.1	897.5
8.5°	895.2	896.7	895.2	894.9	895.4	894.7
9°	892.3	893.8	892.3	891.9	892.5	891.8
9.5°	889.3	890.9	889.3	888.7	889.4	888.6
10°	886.1	887.7	886.1	885.2	886.1	885.4
10.5°	882.9	884.4	882.9	881.6	882.5	881.9
11°	879.4	881.0	879.4	877.9	878.8	878.3
11.5°	875.9	877.4	875.9	874.0	874.9	874.5
12°	872.2	873.6	872.2	869.9	870.8	870.6
12.5°	868.4	869.7	868.4	865.8	866.5	866.5
13°	864.5	865.9	864.5	861.5	862.2	862.4
13.5°	860.6	861.8	860.6	857.2	857.7	858.2
14°	856.3	857.5	856.3	852.7	853.2	853.9
14.5°	851.9	853.2	851.9	848.0	848.3	849.5
15°	847.3	848.7	847.3	843.3	843.5	844.9
15.5°	842.7	844.2	842.7	838.5	838.5	840.1
16°	837.7	839.5	837.7	833.5	833.5	835.3
16.5°	832.4	834.8	832.4	828.2	828.1	830.4
17°	827.1	829.8	827.1	822.6	822.7	825.4
17.5°	821.4	824.8	821.4	817.0	817.3	819.9
18°	815.6	819.4	815.6	811.2	811.6	814.1
18.5°	809.8	813.9	809.8	805.2	805.6	808.1
19°	803.8	808.1	803.8	798.9	799.5	802.0
19.5°	797.7	802.3	797.7	792.4	793.2	795.6
20°	791.2	795.9	791.2	785.9	786.6	789.0
20.5°	784.5	788.9	784.5	779.1	779.9	782.0
21°	777.4	781.8	777.4	772.1	772.9	774.9
21.5°	770.1	774.2	770.1	764.9	765.7	767.6
22°	762.5	766.3	762.5	757.6	758.3	759.8

TEST NUMBER: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	754.9	758.1	754.9	750.3	750.5	751.8
23°	747.0	749.8	747.0	742.8	742.8	743.5
23.5°	738.9	741.2	738.9	735.3	734.8	735.1
24°	730.8	732.3	730.8	727.7	726.8	726.4
24.5°	722.4	723.2	722.4	719.8	718.6	717.6
25°	713.8	714.1	713.8	711.8	710.2	708.7
25.5°	705.0	704.5	705.0	703.6	701.7	699.6
26°	696.0	694.8	696.0	695.2	693.0	690.3
26.5°	686.8	684.8	686.8	686.4	684.1	680.9
27°	677.5	674.9	677.5	677.5	675.0	671.3
27.5°	667.9	664.7	667.9	668.3	665.6	661.7
28°	658.0	654.2	658.0	658.8	656.0	651.9
28.5°	647.9	643.8	647.9	649.0	646.1	641.6
29°	637.5	633.2	637.5	638.9	636.1	631.3
29.5°	626.9	622.5	626.9	628.6	625.6	620.7
30°	615.9	611.2	615.9	617.8	614.9	610.0
30.5°	604.6	600.0	604.6	606.7	604.1	599.3
31°	593.1	588.4	593.1	595.4	593.0	588.2
31.5°	581.4	576.7	581.4	583.7	581.6	577.0
32°	569.5	565.0	569.5	571.5	569.8	565.7
32.5°	557.4	553.1	557.4	559.3	558.2	554.3
33°	545.1	541.1	545.1	546.7	545.8	542.7
33.5°	532.5	528.9	532.5	534.0	533.6	531.3
34°	519.9	516.9	519.9	520.8	521.0	519.1
34.5°	506.8	504.7	506.8	507.7	508.4	507.1
35°	493.8	492.2	493.8	494.1	495.1	494.9
35.5°	480.6	479.9	480.6	480.4	482.0	482.3
36°	467.3	467.2	467.3	466.5	468.6	469.3
36.5°	453.8	454.6	453.8	452.7	455.2	456.3
37°	440.5	441.4	440.5	438.5	441.4	443.1
37.5°	426.9	427.8	426.9	424.4	427.6	429.4
38°	413.1	413.5	413.1	410.5	413.7	415.5
38.5°	399.2	399.6	399.2	396.5	399.8	401.8
39°	385.3	385.8	385.3	382.7	385.2	387.7
39.5°	371.4	372.1	371.4	369.0	371.1	373.1
40°	357.3	358.4	357.3	355.2	357.2	358.6
40.5°	343.2	344.6	343.2	341.6	343.5	344.2
41°	329.1	330.3	329.1	327.8	329.7	329.7
41.5°	315.2	316.2	315.2	313.9	315.7	315.3
42°	301.4	302.0	301.4	300.4	301.6	301.0
42.5°	288.1	287.9	288.1	287.1	287.8	287.0
43°	274.7	273.8	274.7	273.9	273.8	273.1
43.5°	261.4	259.8	261.4	260.8	260.2	259.4
44°	248.3	246.2	248.3	247.7	246.5	245.9
44.5°	235.8	233.0	235.8	235.1	233.4	232.5

TEST NUMBER: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	222.9	220.0	222.9	222.7	220.5	219.4
45.5°	210.2	207.4	210.2	210.4	207.9	206.5
46°	197.9	195.0	197.9	198.1	195.6	193.8
46.5°	185.9	183.1	185.9	186.0	183.6	181.5
47°	174.2	171.5	174.2	174.1	171.9	169.6
47.5°	162.8	160.3	162.8	162.5	160.4	158.1
48°	151.5	149.5	151.5	151.2	149.2	147.0
48.5°	140.9	139.1	140.9	140.1	138.5	136.4
49°	130.4	129.0	130.4	129.4	128.1	126.4
49.5°	120.5	119.6	120.5	119.4	118.5	117.1
50°	111.1	110.7	111.1	109.9	109.1	108.1
50.5°	101.9	102.0	101.9	100.5	99.9	99.2
51°	92.9	93.4	92.9	91.3	90.9	90.6
51.5°	84.5	85.2	84.5	82.5	82.5	83.0
52°	76.4	77.0	76.4	74.3	74.9	75.5
52.5°	69.0	69.6	69.0	66.8	67.7	68.6
53°	62.2	62.8	62.2	59.9	61.0	62.1
53.5°	55.8	56.2	55.8	53.7	54.7	56.0
54°	49.7	50.1	49.7	48.0	49.0	50.1
54.5°	44.1	44.4	44.1	42.7	43.6	44.6
55°	38.9	39.1	38.9	37.8	38.6	39.5
55.5°	34.0	34.1	34.0	33.4	34.0	34.6
56°	29.7	29.7	29.7	29.2	29.9	30.4
56.5°	25.6	25.7	25.6	25.4	26.0	26.3
57°	21.7	21.9	21.7	21.6	22.3	22.5
57.5°	17.9	18.1	17.9	17.9	18.7	18.7
58°	14.4	14.3	14.4	14.5	15.0	15.0
58.5°	11.0	10.9	11.0	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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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°	0.4	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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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	0.5
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	0.5	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	0.4	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	0.5
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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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: P1590589

CATALOG NUMBER: HCDLS510CSD6TRC-HI-3500K

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

(END OF REPORT)