

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: P1590599

Luminaire Tested: HCDLS510CSD6TRC-ME-3500K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590599
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-ME-3500K
Description: 6" Selectable Round Trim + Specular Clear 700 Lumens 3500K

Light Source:
Ballast/Driver: -

Summary

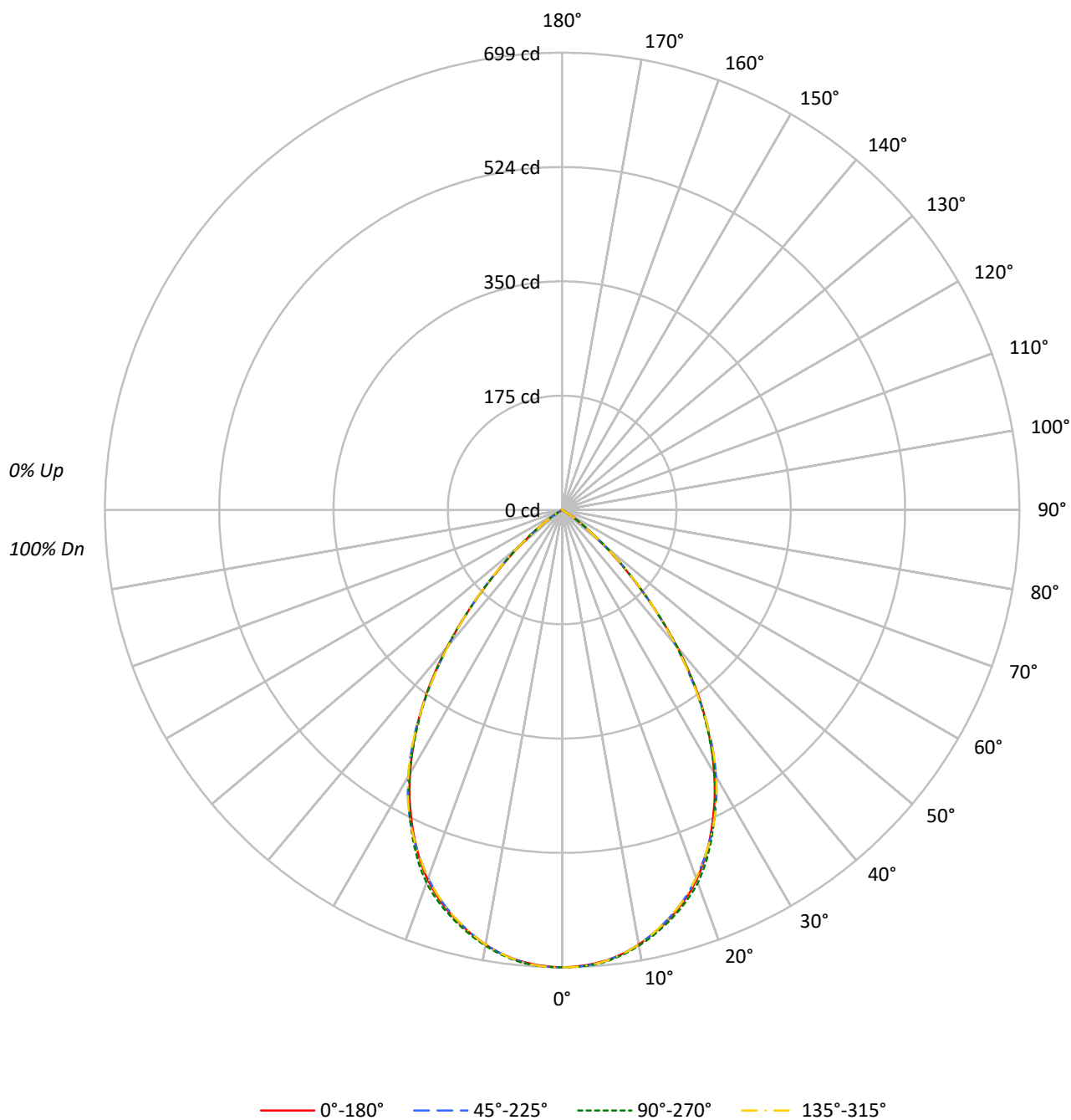
Lumens per Lamp: N/A
Luminaire Lumens: 888.8 lumens
Efficiency: N/A
Efficacy: 104.6 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 8.5
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°	38330	38330	38330	38330
5°	38147	38240	38147	38240
10°	37552	37652	37552	37652
15°	36533	36697	36533	36697
20°	35067	35376	35067	35376
25°	32657	32905	32657	32905
30°	29416	29479	29416	29479
35°	25230	25096	25230	25096
40°	19551	19544	19551	19544
45°	12963	12994	12963	12994
50°	7019	7190	7019	7190
55°	2877	2848	2877	2848
60°	318	263	318	263
65°	52	39	52	39
70°	16	16	16	16
75°	0	0	0	0
80°	0	0	0	0
85°	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 13164 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.6	7.4
10°-20°	180.9	20.4
20°-30°	248.0	27.9
30°-40°	232.6	26.2
40°-50°	130.9	14.7
50°-60°	29.8	3.4
60°-70°	0.5	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°	0.1	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	494.5	55.6
0°-40°	727.1	81.8
0°-60°	887.7	99.9
0°-90°	888.2	99.9
90°-120°	0.0	0.0
90°-150°	0.3	0.0
90°-180°	1.0	0.1
0°-180°	888.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	699	699	699	699	699	
5°	693	695	693	695	693	66
15°	644	647	644	647	644	181
25°	540	544	540	544	540	247
35°	377	375	377	375	377	233
45°	167	168	167	168	167	130
55°	30	30	30	30	30	30
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°	699.2	699.2	699.2	699.2	699.2	699.2	699.2	699.2	699.2	699.2	699.2
0.5°	698.9	699.1	699.4	699.3	699.1	699.3	699.4	699.1	698.9	699.1	699.4
1°	698.8	698.9	699.2	699.2	699.0	699.2	699.2	698.9	698.8	698.9	699.2
1.5°	698.4	698.6	698.9	699.0	698.8	699.0	698.9	698.6	698.4	698.6	698.9
2°	698.0	698.2	698.6	698.7	698.6	698.7	698.6	698.2	698.0	698.2	698.6
2.5°	697.5	697.7	698.1	698.3	698.3	698.3	698.1	697.7	697.5	697.7	698.1
3°	696.9	697.0	697.5	697.7	697.9	697.7	697.5	697.0	696.9	697.0	697.5
3.5°	696.1	696.3	696.7	697.1	697.3	697.1	696.7	696.3	696.1	696.3	696.7
4°	695.2	695.5	695.9	696.3	696.7	696.3	695.9	695.5	695.2	695.5	695.9
4.5°	694.3	694.5	695.0	695.4	695.8	695.4	695.0	694.5	694.3	694.5	695.0
5°	693.2	693.4	693.8	694.3	694.9	694.3	693.8	693.4	693.2	693.4	693.8
5.5°	692.0	692.2	692.5	693.0	693.7	693.0	692.5	692.2	692.0	692.2	692.5
6°	690.6	690.9	691.1	691.5	692.3	691.5	691.1	690.9	690.6	690.9	691.1
6.5°	689.1	689.5	689.5	689.9	690.8	689.9	689.5	689.5	689.1	689.5	689.5
7°	687.5	687.8	687.8	688.1	689.1	688.1	687.8	687.8	687.5	687.8	687.8
7.5°	685.7	686.2	685.9	686.2	687.2	686.2	685.9	686.2	685.7	686.2	685.9
8°	683.8	684.2	684.0	684.2	685.3	684.2	684.0	684.2	683.8	684.2	684.0
8.5°	681.7	682.2	681.8	682.1	683.2	682.1	681.8	682.2	681.7	682.2	681.8
9°	679.5	680.0	679.5	679.8	681.0	679.8	679.5	680.0	679.5	680.0	679.5
9.5°	677.1	677.7	677.1	677.5	678.8	677.5	677.1	677.7	677.1	677.7	677.1
10°	674.6	675.2	674.5	675.1	676.4	675.1	674.5	675.2	674.6	675.2	674.5
10.5°	671.9	672.4	671.7	672.7	673.8	672.7	671.7	672.4	671.9	672.4	671.7
11°	669.2	669.5	668.9	670.0	671.2	670.0	668.9	669.5	669.2	669.5	668.9
11.5°	666.3	666.6	665.9	667.3	668.5	667.3	665.9	666.6	666.3	666.6	665.9
12°	663.3	663.5	662.8	664.6	665.6	664.6	662.8	663.5	663.3	663.5	662.8
12.5°	660.2	660.2	659.6	661.7	662.7	661.7	659.6	660.2	660.2	660.2	659.6
13°	657.1	656.9	656.4	658.7	659.7	658.7	656.4	656.9	657.1	656.9	656.4
13.5°	653.8	653.5	653.1	655.7	656.6	655.7	653.1	653.5	653.8	653.5	653.1
14°	650.6	650.0	649.6	652.4	653.3	652.4	649.6	650.0	650.6	650.0	649.6
14.5°	647.2	646.3	646.1	649.1	650.0	649.1	646.1	646.3	647.2	646.3	646.1
15°	643.7	642.7	642.5	645.6	646.6	645.6	642.5	642.7	643.7	642.7	642.5
15.5°	640.1	638.9	638.8	642.1	643.2	642.1	638.8	638.9	640.1	638.9	638.8
16°	636.4	635.1	635.0	638.2	639.6	638.2	635.0	635.1	636.4	635.1	635.0
16.5°	632.7	630.9	631.0	634.2	636.0	634.2	631.0	630.9	632.7	630.9	631.0
17°	628.9	626.8	626.8	630.1	632.2	630.1	626.8	626.8	628.9	626.8	626.8
17.5°	624.7	622.7	622.5	625.8	628.4	625.8	622.5	622.7	624.7	622.7	622.5
18°	620.3	618.3	618.0	621.4	624.3	621.4	618.0	618.3	620.3	618.3	618.0
18.5°	615.7	613.8	613.5	617.0	620.1	617.0	613.5	613.8	615.7	613.8	613.5
19°	611.1	609.2	608.7	612.5	615.7	612.5	608.7	609.2	611.1	609.2	608.7
19.5°	606.1	604.3	603.7	607.8	611.3	607.8	603.7	604.3	606.1	604.3	603.7
20°	601.1	599.3	598.7	602.8	606.4	602.8	598.7	599.3	601.1	599.3	598.7
20.5°	595.8	594.2	593.6	597.7	601.1	597.7	593.6	594.2	595.8	594.2	593.6
21°	590.4	588.9	588.3	592.3	595.6	592.3	588.3	588.9	590.4	588.9	588.3
21.5°	584.8	583.4	582.8	586.8	589.9	586.8	582.8	583.4	584.8	583.4	582.8
22°	578.9	577.7	577.2	581.0	583.9	581.0	577.2	577.7	578.9	577.7	577.2

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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°	572.8	571.8	571.7	575.2	577.6	575.2	571.7	571.8	572.8	571.8	571.7
23°	566.5	566.0	566.0	569.2	571.2	569.2	566.0	566.0	566.5	566.0	566.0
23.5°	560.1	559.8	560.2	563.0	564.7	563.0	560.2	559.8	560.1	559.8	560.2
24°	553.5	553.8	554.4	556.8	558.0	556.8	554.4	553.8	553.5	553.8	554.4
24.5°	546.8	547.5	548.4	550.4	551.0	550.4	548.4	547.5	546.8	547.5	548.4
25°	539.9	541.1	542.3	543.8	544.0	543.8	542.3	541.1	539.9	541.1	542.3
25.5°	533.0	534.6	536.1	537.1	536.7	537.1	536.1	534.6	533.0	534.6	536.1
26°	526.0	528.0	529.6	530.3	529.4	530.3	529.6	528.0	526.0	528.0	529.6
26.5°	518.8	521.2	523.0	523.3	521.8	523.3	523.0	521.2	518.8	521.2	523.0
27°	511.5	514.3	516.2	516.2	514.2	516.2	516.2	514.3	511.5	514.3	516.2
27.5°	504.1	507.1	509.2	508.9	506.5	508.9	509.2	507.1	504.1	507.1	509.2
28°	496.7	499.8	501.9	501.3	498.4	501.3	501.9	499.8	496.7	499.8	501.9
28.5°	488.8	492.3	494.5	493.6	490.5	493.6	494.5	492.3	488.8	492.3	494.5
29°	481.0	484.6	486.8	485.7	482.4	485.7	486.8	484.6	481.0	484.6	486.8
29.5°	472.9	476.7	478.9	477.7	474.3	477.7	478.9	476.7	472.9	476.7	478.9
30°	464.7	468.5	470.7	469.3	465.7	469.3	470.7	468.5	464.7	468.5	470.7
30.5°	456.6	460.3	462.2	460.7	457.2	460.7	462.2	460.3	456.6	460.3	462.2
31°	448.2	451.8	453.6	451.9	448.3	451.9	453.6	451.8	448.2	451.8	453.6
31.5°	439.7	443.1	444.7	443.0	439.4	443.0	444.7	443.1	439.7	443.1	444.7
32°	431.0	434.1	435.4	433.9	430.5	433.9	435.4	434.1	431.0	434.1	435.4
32.5°	422.3	425.3	426.1	424.7	421.4	424.7	426.1	425.3	422.3	425.3	426.1
33°	413.5	415.9	416.5	415.3	412.3	415.3	416.5	415.9	413.5	415.9	416.5
33.5°	404.8	406.6	406.9	405.7	403.0	405.7	406.9	406.6	404.8	406.6	406.9
34°	395.5	396.9	396.8	396.1	393.8	396.1	396.8	396.9	395.5	396.9	396.8
34.5°	386.4	387.3	386.8	386.2	384.5	386.2	386.8	387.3	386.4	387.3	386.8
35°	377.0	377.2	376.4	376.2	375.0	376.2	376.4	377.2	377.0	377.2	376.4
35.5°	367.5	367.2	366.0	366.2	365.6	366.2	366.0	367.2	367.5	367.2	366.0
36°	357.5	357.0	355.4	356.0	356.0	356.0	355.4	357.0	357.5	357.0	355.4
36.5°	347.7	346.8	344.9	345.8	346.3	345.8	344.9	346.8	347.7	346.8	344.9
37°	337.6	336.3	334.1	335.6	336.3	335.6	334.1	336.3	337.6	336.3	334.1
37.5°	327.2	325.8	323.3	325.3	326.0	325.3	323.3	325.8	327.2	325.8	323.3
38°	316.6	315.2	312.8	314.8	315.1	314.8	312.8	315.2	316.6	315.2	312.8
38.5°	306.1	304.6	302.1	304.2	304.5	304.2	302.1	304.6	306.1	304.6	302.1
39°	295.4	293.5	291.6	293.5	294.0	293.5	291.6	293.5	295.4	293.5	291.6
39.5°	284.2	282.7	281.1	282.9	283.5	282.9	281.1	282.7	284.2	282.7	281.1
40°	273.2	272.2	270.6	272.2	273.1	272.2	270.6	272.2	273.2	272.2	270.6
40.5°	262.3	261.7	260.3	261.5	262.5	261.5	260.3	261.7	262.3	261.7	260.3
41°	251.2	251.2	249.7	250.8	251.7	250.8	249.7	251.2	251.2	251.2	249.7
41.5°	240.3	240.5	239.2	240.2	240.9	240.2	239.2	240.5	240.3	240.5	239.2
42°	229.4	229.8	228.9	229.7	230.1	229.7	228.9	229.8	229.4	229.8	228.9
42.5°	218.6	219.2	218.7	219.5	219.4	219.5	218.7	219.2	218.6	219.2	218.7
43°	208.1	208.6	208.7	209.3	208.6	209.3	208.7	208.6	208.1	208.6	208.7
43.5°	197.6	198.2	198.7	199.2	197.9	199.2	198.7	198.2	197.6	198.2	198.7
44°	187.4	187.8	188.8	189.2	187.6	189.2	188.8	187.8	187.4	187.8	188.8
44.5°	177.1	177.8	179.1	179.6	177.6	179.6	179.1	177.8	177.1	177.8	179.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	167.2	168.0	169.7	169.8	167.6	169.8	169.7	168.0	167.2	168.0	169.7
45.5°	157.3	158.4	160.3	160.1	158.0	160.1	160.3	158.4	157.3	158.4	160.3
46°	147.6	149.0	150.9	150.8	148.6	150.8	150.9	149.0	147.6	149.0	150.9
46.5°	138.3	139.9	141.7	141.7	139.5	141.7	141.7	139.9	138.3	139.9	141.7
47°	129.2	130.9	132.7	132.7	130.7	132.7	132.7	130.9	129.2	130.9	132.7
47.5°	120.5	122.2	123.8	124.0	122.2	124.0	123.8	122.2	120.5	122.2	123.8
48°	112.0	113.7	115.2	115.5	113.9	115.5	115.2	113.7	112.0	113.7	115.2
48.5°	103.9	105.5	106.7	107.3	106.0	107.3	106.7	105.5	103.9	105.5	106.7
49°	96.3	97.6	98.6	99.4	98.3	99.4	98.6	97.6	96.3	97.6	98.6
49.5°	89.2	90.3	91.0	91.8	91.1	91.8	91.0	90.3	89.2	90.3	91.0
50°	82.3	83.1	83.7	84.7	84.3	84.7	83.7	83.1	82.3	83.1	83.7
50.5°	75.6	76.1	76.6	77.7	77.7	77.7	76.6	76.1	75.6	76.1	76.6
51°	69.0	69.3	69.6	70.8	71.2	70.8	69.6	69.3	69.0	69.3	69.6
51.5°	63.2	62.9	62.8	64.4	64.9	64.4	62.8	62.9	63.2	62.9	62.8
52°	57.5	57.1	56.6	58.2	58.7	58.2	56.6	57.1	57.5	57.1	56.6
52.5°	52.3	51.6	50.9	52.6	53.1	52.6	50.9	51.6	52.3	51.6	50.9
53°	47.3	46.5	45.7	47.4	47.9	47.4	45.7	46.5	47.3	46.5	45.7
53.5°	42.6	41.7	40.9	42.5	42.8	42.5	40.9	41.7	42.6	41.7	40.9
54°	38.1	37.3	36.5	37.9	38.2	37.9	36.5	37.3	38.1	37.3	36.5
54.5°	34.0	33.2	32.5	33.6	33.8	33.6	32.5	33.2	34.0	33.2	32.5
55°	30.1	29.4	28.8	29.6	29.8	29.6	28.8	29.4	30.1	29.4	28.8
55.5°	26.4	25.9	25.5	25.9	26.0	25.9	25.5	25.9	26.4	25.9	25.5
56°	23.1	22.7	22.3	22.7	22.6	22.7	22.3	22.7	23.1	22.7	22.3
56.5°	20.0	19.8	19.3	19.5	19.6	19.5	19.3	19.8	20.0	19.8	19.3
57°	17.2	17.0	16.4	16.5	16.7	16.5	16.4	17.0	17.2	17.0	16.4
57.5°	14.3	14.2	13.6	13.6	13.8	13.6	13.6	14.2	14.3	14.2	13.6
58°	11.4	11.4	11.0	10.9	10.9	10.9	11.0	11.4	11.4	11.4	11.0
58.5°	8.8	8.9	8.3	8.3	8.3	8.3	8.3	8.9	8.8	8.9	8.3
59°	6.2	6.4	5.7	5.8	5.7	5.8	5.7	6.4	6.2	6.4	5.7
59.5°	4.4	4.3	3.6	3.6	3.8	3.6	3.6	4.3	4.4	4.3	3.6
60°	2.9	2.9	2.4	2.2	2.4	2.2	2.4	2.9	2.9	2.9	2.4
60.5°	1.8	2.0	1.6	1.5	2.0	1.5	1.6	2.0	1.8	2.0	1.6
61°	1.5	1.7	1.3	1.2	1.6	1.2	1.3	1.7	1.5	1.7	1.3
61.5°	1.2	1.3	0.9	0.9	1.2	0.9	0.9	1.3	1.2	1.3	0.9
62°	1.0	1.0	0.7	0.7	0.9	0.7	0.7	1.0	1.0	1.0	0.7
62.5°	0.7	0.8	0.6	0.5	0.5	0.5	0.6	0.8	0.7	0.8	0.6
63°	0.6	0.6	0.5	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.5
63.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
64°	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.5	0.4	0.4
64.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
65°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
65.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
66°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
66.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
67°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
68°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
68.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
69°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	0.1	0.1	0.1	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	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
72°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
72.5°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
73°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-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: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
129°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.2	0.2	0.1	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.1
138.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
143°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
143.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
144.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
145°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
145.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
146.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
147°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
147.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
149°	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.2
149.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
151°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
151.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
152°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
152.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
153°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
153.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
154°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
154.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
155°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
155.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
156°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
156.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
157°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
158°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
158.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
159°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
159.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
160.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
161°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
161.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
162.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
163°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
163.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
164°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
164.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
165°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
165.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
166°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
166.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
167°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
167.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
168°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
168.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
169°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
169.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
170°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
170.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
171°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
171.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
172.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
173°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
173.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
174°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
174.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
175.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
176°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
176.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
178°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
178.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
179°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
179.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	699.2	699.2	699.2	699.2	699.2	699.2
0.5°	699.3	699.1	699.3	699.4	699.1	698.9
1°	699.2	699.0	699.2	699.2	698.9	698.8
1.5°	699.0	698.8	699.0	698.9	698.6	698.4
2°	698.7	698.6	698.7	698.6	698.2	698.0
2.5°	698.3	698.3	698.3	698.1	697.7	697.5
3°	697.7	697.9	697.7	697.5	697.0	696.9
3.5°	697.1	697.3	697.1	696.7	696.3	696.1
4°	696.3	696.7	696.3	695.9	695.5	695.2
4.5°	695.4	695.8	695.4	695.0	694.5	694.3
5°	694.3	694.9	694.3	693.8	693.4	693.2
5.5°	693.0	693.7	693.0	692.5	692.2	692.0
6°	691.5	692.3	691.5	691.1	690.9	690.6
6.5°	689.9	690.8	689.9	689.5	689.5	689.1
7°	688.1	689.1	688.1	687.8	687.8	687.5
7.5°	686.2	687.2	686.2	685.9	686.2	685.7
8°	684.2	685.3	684.2	684.0	684.2	683.8
8.5°	682.1	683.2	682.1	681.8	682.2	681.7
9°	679.8	681.0	679.8	679.5	680.0	679.5
9.5°	677.5	678.8	677.5	677.1	677.7	677.1
10°	675.1	676.4	675.1	674.5	675.2	674.6
10.5°	672.7	673.8	672.7	671.7	672.4	671.9
11°	670.0	671.2	670.0	668.9	669.5	669.2
11.5°	667.3	668.5	667.3	665.9	666.6	666.3
12°	664.6	665.6	664.6	662.8	663.5	663.3
12.5°	661.7	662.7	661.7	659.6	660.2	660.2
13°	658.7	659.7	658.7	656.4	656.9	657.1
13.5°	655.7	656.6	655.7	653.1	653.5	653.8
14°	652.4	653.3	652.4	649.6	650.0	650.6
14.5°	649.1	650.0	649.1	646.1	646.3	647.2
15°	645.6	646.6	645.6	642.5	642.7	643.7
15.5°	642.1	643.2	642.1	638.8	638.9	640.1
16°	638.2	639.6	638.2	635.0	635.1	636.4
16.5°	634.2	636.0	634.2	631.0	630.9	632.7
17°	630.1	632.2	630.1	626.8	626.8	628.9
17.5°	625.8	628.4	625.8	622.5	622.7	624.7
18°	621.4	624.3	621.4	618.0	618.3	620.3
18.5°	617.0	620.1	617.0	613.5	613.8	615.7
19°	612.5	615.7	612.5	608.7	609.2	611.1
19.5°	607.8	611.3	607.8	603.7	604.3	606.1
20°	602.8	606.4	602.8	598.7	599.3	601.1
20.5°	597.7	601.1	597.7	593.6	594.2	595.8
21°	592.3	595.6	592.3	588.3	588.9	590.4
21.5°	586.8	589.9	586.8	582.8	583.4	584.8
22°	581.0	583.9	581.0	577.2	577.7	578.9

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	575.2	577.6	575.2	571.7	571.8	572.8
23°	569.2	571.2	569.2	566.0	566.0	566.5
23.5°	563.0	564.7	563.0	560.2	559.8	560.1
24°	556.8	558.0	556.8	554.4	553.8	553.5
24.5°	550.4	551.0	550.4	548.4	547.5	546.8
25°	543.8	544.0	543.8	542.3	541.1	539.9
25.5°	537.1	536.7	537.1	536.1	534.6	533.0
26°	530.3	529.4	530.3	529.6	528.0	526.0
26.5°	523.3	521.8	523.3	523.0	521.2	518.8
27°	516.2	514.2	516.2	516.2	514.3	511.5
27.5°	508.9	506.5	508.9	509.2	507.1	504.1
28°	501.3	498.4	501.3	501.9	499.8	496.7
28.5°	493.6	490.5	493.6	494.5	492.3	488.8
29°	485.7	482.4	485.7	486.8	484.6	481.0
29.5°	477.7	474.3	477.7	478.9	476.7	472.9
30°	469.3	465.7	469.3	470.7	468.5	464.7
30.5°	460.7	457.2	460.7	462.2	460.3	456.6
31°	451.9	448.3	451.9	453.6	451.8	448.2
31.5°	443.0	439.4	443.0	444.7	443.1	439.7
32°	433.9	430.5	433.9	435.4	434.1	431.0
32.5°	424.7	421.4	424.7	426.1	425.3	422.3
33°	415.3	412.3	415.3	416.5	415.9	413.5
33.5°	405.7	403.0	405.7	406.9	406.6	404.8
34°	396.1	393.8	396.1	396.8	396.9	395.5
34.5°	386.2	384.5	386.2	386.8	387.3	386.4
35°	376.2	375.0	376.2	376.4	377.2	377.0
35.5°	366.2	365.6	366.2	366.0	367.2	367.5
36°	356.0	356.0	356.0	355.4	357.0	357.5
36.5°	345.8	346.3	345.8	344.9	346.8	347.7
37°	335.6	336.3	335.6	334.1	336.3	337.6
37.5°	325.3	326.0	325.3	323.3	325.8	327.2
38°	314.8	315.1	314.8	312.8	315.2	316.6
38.5°	304.2	304.5	304.2	302.1	304.6	306.1
39°	293.5	294.0	293.5	291.6	293.5	295.4
39.5°	282.9	283.5	282.9	281.1	282.7	284.2
40°	272.2	273.1	272.2	270.6	272.2	273.2
40.5°	261.5	262.5	261.5	260.3	261.7	262.3
41°	250.8	251.7	250.8	249.7	251.2	251.2
41.5°	240.2	240.9	240.2	239.2	240.5	240.3
42°	229.7	230.1	229.7	228.9	229.8	229.4
42.5°	219.5	219.4	219.5	218.7	219.2	218.6
43°	209.3	208.6	209.3	208.7	208.6	208.1
43.5°	199.2	197.9	199.2	198.7	198.2	197.6
44°	189.2	187.6	189.2	188.8	187.8	187.4
44.5°	179.6	177.6	179.6	179.1	177.8	177.1

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	169.8	167.6	169.8	169.7	168.0	167.2
45.5°	160.1	158.0	160.1	160.3	158.4	157.3
46°	150.8	148.6	150.8	150.9	149.0	147.6
46.5°	141.7	139.5	141.7	141.7	139.9	138.3
47°	132.7	130.7	132.7	132.7	130.9	129.2
47.5°	124.0	122.2	124.0	123.8	122.2	120.5
48°	115.5	113.9	115.5	115.2	113.7	112.0
48.5°	107.3	106.0	107.3	106.7	105.5	103.9
49°	99.4	98.3	99.4	98.6	97.6	96.3
49.5°	91.8	91.1	91.8	91.0	90.3	89.2
50°	84.7	84.3	84.7	83.7	83.1	82.3
50.5°	77.7	77.7	77.7	76.6	76.1	75.6
51°	70.8	71.2	70.8	69.6	69.3	69.0
51.5°	64.4	64.9	64.4	62.8	62.9	63.2
52°	58.2	58.7	58.2	56.6	57.1	57.5
52.5°	52.6	53.1	52.6	50.9	51.6	52.3
53°	47.4	47.9	47.4	45.7	46.5	47.3
53.5°	42.5	42.8	42.5	40.9	41.7	42.6
54°	37.9	38.2	37.9	36.5	37.3	38.1
54.5°	33.6	33.8	33.6	32.5	33.2	34.0
55°	29.6	29.8	29.6	28.8	29.4	30.1
55.5°	25.9	26.0	25.9	25.5	25.9	26.4
56°	22.7	22.6	22.7	22.3	22.7	23.1
56.5°	19.5	19.6	19.5	19.3	19.8	20.0
57°	16.5	16.7	16.5	16.4	17.0	17.2
57.5°	13.6	13.8	13.6	13.6	14.2	14.3
58°	10.9	10.9	10.9	11.0	11.4	11.4
58.5°	8.3	8.3	8.3	8.3	8.9	8.8
59°	5.8	5.7	5.8	5.7	6.4	6.2
59.5°	3.6	3.8	3.6	3.6	4.3	4.4
60°	2.2	2.4	2.2	2.4	2.9	2.9
60.5°	1.5	2.0	1.5	1.6	2.0	1.8
61°	1.2	1.6	1.2	1.3	1.7	1.5
61.5°	0.9	1.2	0.9	0.9	1.3	1.2
62°	0.7	0.9	0.7	0.7	1.0	1.0
62.5°	0.5	0.5	0.5	0.6	0.8	0.7
63°	0.5	0.4	0.5	0.5	0.6	0.6
63.5°	0.4	0.4	0.4	0.4	0.5	0.5
64°	0.3	0.3	0.3	0.4	0.4	0.5
64.5°	0.3	0.3	0.3	0.3	0.4	0.4
65°	0.3	0.3	0.3	0.3	0.3	0.4
65.5°	0.2	0.2	0.2	0.3	0.3	0.3
66°	0.2	0.2	0.2	0.2	0.3	0.3
66.5°	0.2	0.2	0.2	0.2	0.2	0.2
67°	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.1	0.1	0.1	0.2	0.2	0.2
68°	0.1	0.1	0.1	0.1	0.2	0.2
68.5°	0.1	0.1	0.1	0.1	0.1	0.2
69°	0.1	0.1	0.1	0.1	0.1	0.1
69.5°	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	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°	0.0	0.0	0.0	0.1	0.1	0.1
72°	0.0	0.0	0.0	0.0	0.1	0.1
72.5°	0.0	0.0	0.0	0.0	0.1	0.1
73°	0.0	0.0	0.0	0.0	0.0	0.0
73.5°	0.0	0.0	0.0	0.0	0.0	0.0
74°	0.0	0.0	0.0	0.0	0.0	0.0
74.5°	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-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: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-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°	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1
129°	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.2	0.1	0.2	0.1	0.2	0.2
138.5°	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.2	0.2	0.2	0.2	0.2	0.2
143°	0.2	0.2	0.2	0.2	0.2	0.2
143.5°	0.2	0.2	0.2	0.2	0.2	0.2
144°	0.2	0.2	0.2	0.2	0.2	0.2
144.5°	0.2	0.2	0.2	0.2	0.2	0.2
145°	0.2	0.2	0.2	0.2	0.2	0.2
145.5°	0.2	0.2	0.2	0.2	0.2	0.2
146°	0.2	0.2	0.2	0.2	0.2	0.2
146.5°	0.2	0.2	0.2	0.2	0.2	0.2
147°	0.2	0.2	0.2	0.2	0.2	0.2
147.5°	0.2	0.2	0.2	0.2	0.2	0.2
148°	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.2	0.2	0.2	0.2	0.2	0.3
149°	0.3	0.2	0.3	0.2	0.3	0.3
149.5°	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.3	0.3	0.3	0.3	0.3	0.3
150.5°	0.3	0.3	0.3	0.3	0.3	0.3
151°	0.3	0.3	0.3	0.3	0.3	0.3
151.5°	0.3	0.3	0.3	0.3	0.3	0.3
152°	0.3	0.3	0.3	0.3	0.3	0.3
152.5°	0.3	0.3	0.3	0.3	0.3	0.3
153°	0.3	0.3	0.3	0.3	0.3	0.3
153.5°	0.3	0.3	0.3	0.3	0.3	0.3
154°	0.3	0.3	0.3	0.3	0.3	0.3
154.5°	0.3	0.3	0.3	0.3	0.3	0.3
155°	0.3	0.3	0.3	0.3	0.3	0.3
155.5°	0.3	0.3	0.3	0.3	0.3	0.3
156°	0.3	0.3	0.3	0.3	0.3	0.3
156.5°	0.3	0.3	0.3	0.3	0.3	0.3
157°	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.3	0.3	0.3	0.3	0.3	0.3
158°	0.3	0.3	0.3	0.3	0.3	0.3
158.5°	0.3	0.3	0.3	0.3	0.3	0.3
159°	0.3	0.3	0.3	0.3	0.3	0.3
159.5°	0.3	0.3	0.3	0.3	0.3	0.3
160°	0.3	0.3	0.3	0.3	0.3	0.3
160.5°	0.3	0.3	0.3	0.3	0.3	0.3
161°	0.3	0.3	0.3	0.3	0.3	0.3
161.5°	0.3	0.3	0.3	0.3	0.3	0.3
162°	0.3	0.3	0.3	0.3	0.3	0.3
162.5°	0.3	0.3	0.3	0.3	0.3	0.3
163°	0.3	0.3	0.3	0.3	0.3	0.3
163.5°	0.3	0.3	0.3	0.3	0.3	0.3
164°	0.3	0.3	0.3	0.3	0.3	0.3
164.5°	0.3	0.3	0.3	0.3	0.3	0.3
165°	0.3	0.3	0.3	0.3	0.3	0.3
165.5°	0.3	0.3	0.3	0.3	0.3	0.3
166°	0.3	0.3	0.3	0.3	0.3	0.3
166.5°	0.3	0.3	0.3	0.3	0.3	0.3
167°	0.3	0.3	0.3	0.3	0.3	0.3
167.5°	0.3	0.3	0.3	0.3	0.3	0.3
168°	0.3	0.3	0.3	0.3	0.3	0.3
168.5°	0.3	0.3	0.3	0.3	0.3	0.3
169°	0.3	0.3	0.3	0.3	0.3	0.3
169.5°	0.3	0.3	0.3	0.3	0.3	0.3
170°	0.3	0.3	0.3	0.3	0.3	0.3
170.5°	0.3	0.3	0.3	0.3	0.3	0.3
171°	0.3	0.3	0.3	0.3	0.3	0.3
171.5°	0.3	0.3	0.3	0.3	0.3	0.3
172°	0.3	0.3	0.3	0.3	0.3	0.3
172.5°	0.3	0.3	0.3	0.3	0.3	0.3
173°	0.3	0.3	0.3	0.3	0.3	0.3
173.5°	0.3	0.3	0.3	0.3	0.3	0.3
174°	0.3	0.3	0.3	0.3	0.3	0.3
174.5°	0.3	0.3	0.3	0.3	0.3	0.3
175°	0.3	0.3	0.3	0.3	0.3	0.3
175.5°	0.3	0.3	0.3	0.3	0.3	0.3
176°	0.3	0.3	0.3	0.3	0.3	0.3
176.5°	0.3	0.3	0.3	0.3	0.3	0.3
177°	0.3	0.3	0.3	0.3	0.3	0.3
177.5°	0.3	0.3	0.3	0.3	0.3	0.3
178°	0.3	0.3	0.3	0.3	0.3	0.3
178.5°	0.3	0.3	0.3	0.3	0.3	0.3
179°	0.3	0.3	0.3	0.3	0.3	0.3
179.5°	0.3	0.3	0.3	0.3	0.3	0.3



TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.3	0.3	0.3	0.3	0.3	0.3

TEST NUMBER: P1590599

CATALOG NUMBER: HCDLS510CSD6TRC-ME-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	5.5	6.6	5.9	6.9	7.3	5.2	6.3	5.6	6.6	7.0
	3H	5.3	6.3	5.7	6.6	7.0	5.0	6.0	5.4	6.4	6.7
	4H	5.2	6.2	5.7	6.5	6.9	4.9	5.9	5.4	6.2	6.6
	6H	5.1	6.0	5.6	6.4	6.7	4.9	5.7	5.3	6.1	6.4
	8H	5.1	5.9	5.5	6.3	6.7	4.8	5.6	5.2	6.0	6.4
	12H	5.0	5.8	5.5	6.2	6.6	4.7	5.5	5.2	5.9	6.3
4H	2H	5.2	6.2	5.7	6.5	6.9	5.0	5.9	5.4	6.2	6.6
	3H	5.1	5.8	5.5	6.2	6.6	4.8	5.5	5.2	5.9	6.3
	4H	5.0	5.6	5.4	6.0	6.5	4.7	5.3	5.1	5.7	6.2
	6H	4.9	5.4	5.3	5.9	6.3	4.6	5.1	5.0	5.6	6.0
	8H	4.8	5.3	5.3	5.8	6.2	4.5	5.0	5.0	5.5	5.9
	12H	4.7	5.2	5.2	5.7	6.1	4.4	4.9	4.9	5.4	5.8
8H	4H	4.8	5.3	5.3	5.8	6.2	4.5	5.0	5.0	5.5	5.9
	6H	4.7	5.1	5.2	5.6	6.1	4.4	4.8	4.9	5.3	5.8
	8H	4.6	5.0	5.1	5.5	6.0	4.3	4.7	4.8	5.2	5.7
	12H	4.5	4.9	5.1	5.4	5.9	4.2	4.6	4.8	5.1	5.6
12H	4H	4.7	5.2	5.2	5.7	6.1	4.4	4.9	4.9	5.4	5.8
	6H	4.6	5.0	5.1	5.4	6.0	4.3	4.7	4.8	5.1	5.7
	8H	4.5	4.9	5.1	5.4	5.9	4.2	4.6	4.8	5.1	5.6

(END OF REPORT)