

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: P1590598

Luminaire Tested: HCDLS510CSD6TRC-ME-3000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590598
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-3000K
Description: 6" Selectable Round Trim + Specular Clear 700 Lumens 3000K

Light Source:
Ballast/Driver: -

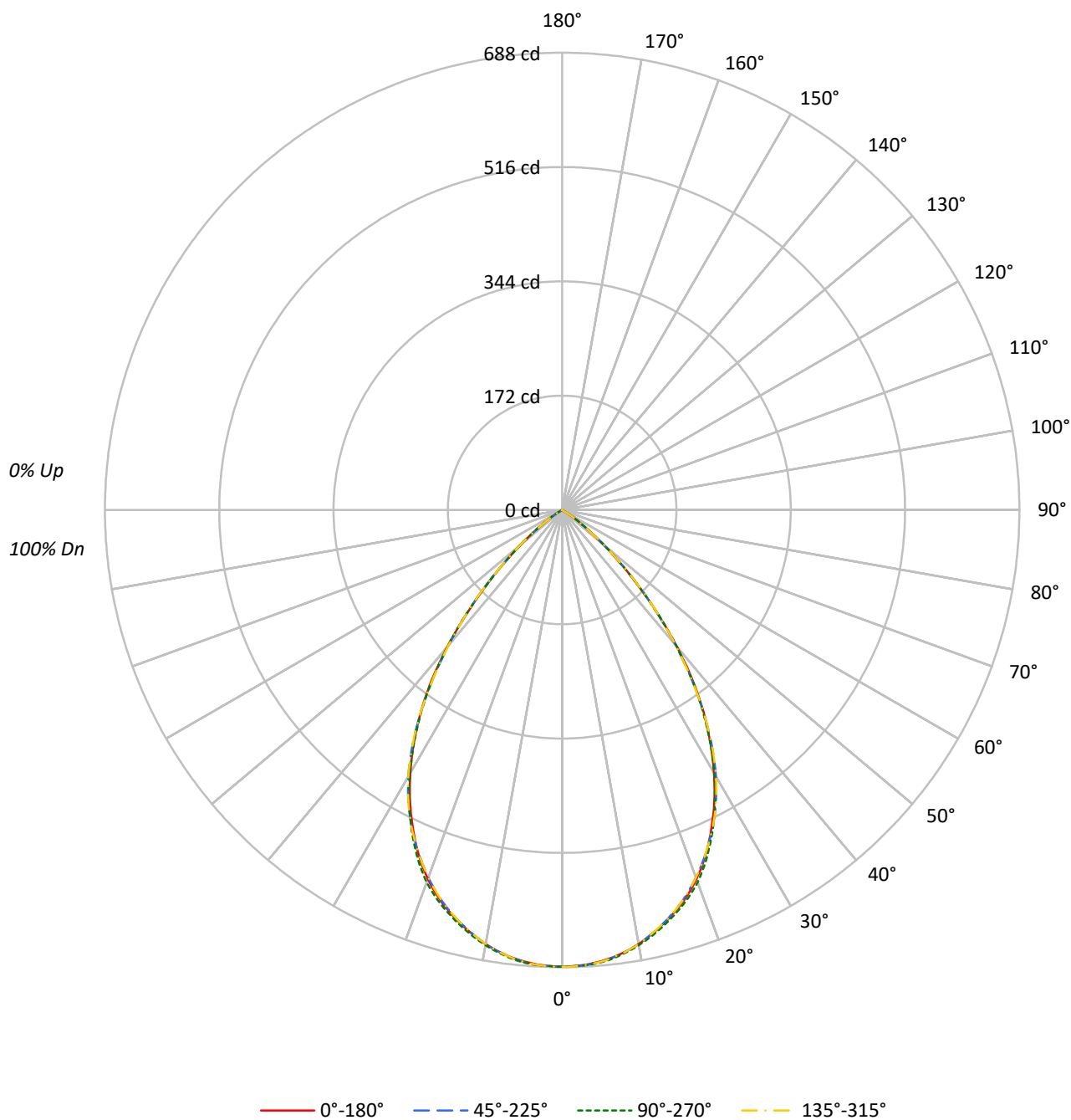
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 873.6 lumens
Efficiency: N/A
Efficacy: 102.8 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°	37678	37678	37678	37678
5°	37497	37585	37497	37585
10°	36912	37007	36912	37007
15°	35908	36073	35908	36073
20°	34472	34776	34472	34776
25°	32101	32349	32101	32349
30°	28916	28973	28916	28973
35°	24802	24675	24802	24675
40°	19215	19207	19215	19207
45°	12738	12777	12738	12777
50°	6900	7070	6900	7070
55°	2829	2800	2829	2800
60°	318	263	318	263
65°	39	39	39	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: 12939 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.5	7.4
10°-20°	177.8	20.4
20°-30°	243.8	27.9
30°-40°	228.6	26.2
40°-50°	128.6	14.7
50°-60°	29.3	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°	486.1	55.6
0°-40°	714.7	81.8
0°-60°	872.6	99.9
0°-90°	873.1	99.9
90°-120°	0.0	0.0
90°-150°	0.3	0.0
90°-180°	1.0	0.1
0°-180°	873.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	687	687	687	687	687	
5°	681	683	681	683	681	64
15°	633	636	633	636	633	178
25°	531	535	531	535	531	243
35°	371	369	371	369	371	229
45°	164	165	164	165	164	128
55°	30	29	30	29	30	29
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°	687.3	687.3	687.3	687.3	687.3	687.3	687.3	687.3	687.3	687.3	687.3
0.5°	687.0	687.2	687.5	687.4	687.2	687.4	687.5	687.2	687.0	687.2	687.5
1°	686.9	686.9	687.3	687.3	687.1	687.3	687.3	686.9	686.9	686.9	687.3
1.5°	686.5	686.7	687.0	687.1	686.9	687.1	687.0	686.7	686.5	686.7	687.0
2°	686.1	686.3	686.7	686.8	686.7	686.8	686.7	686.3	686.1	686.3	686.7
2.5°	685.6	685.8	686.2	686.4	686.4	686.4	686.2	685.8	685.6	685.8	686.2
3°	685.0	685.2	685.6	685.8	686.0	685.8	685.6	685.2	685.0	685.2	685.6
3.5°	684.2	684.4	684.9	685.2	685.4	685.2	684.9	684.4	684.2	684.4	684.9
4°	683.3	683.6	684.0	684.4	684.8	684.4	684.0	683.6	683.3	683.6	684.0
4.5°	682.4	682.6	683.1	683.5	684.0	683.5	683.1	682.6	682.4	682.6	683.1
5°	681.4	681.6	682.0	682.5	683.0	682.5	682.0	681.6	681.4	681.6	682.0
5.5°	680.2	680.4	680.7	681.2	681.9	681.2	680.7	680.4	680.2	680.4	680.7
6°	678.8	679.1	679.3	679.7	680.5	679.7	679.3	679.1	678.8	679.1	679.3
6.5°	677.3	677.7	677.8	678.1	679.0	678.1	677.8	677.7	677.3	677.7	677.8
7°	675.8	676.1	676.0	676.4	677.4	676.4	676.0	676.1	675.8	676.1	676.0
7.5°	674.0	674.5	674.3	674.5	675.5	674.5	674.3	674.5	674.0	674.5	674.3
8°	672.1	672.6	672.3	672.5	673.6	672.5	672.3	672.6	672.1	672.6	672.3
8.5°	670.1	670.6	670.2	670.5	671.6	670.5	670.2	670.6	670.1	670.6	670.2
9°	667.9	668.4	668.0	668.3	669.4	668.3	668.0	668.4	667.9	668.4	668.0
9.5°	665.5	666.1	665.6	666.0	667.2	666.0	665.6	666.1	665.5	666.1	665.6
10°	663.1	663.7	663.0	663.6	664.8	663.6	663.0	663.7	663.1	663.7	663.0
10.5°	660.5	660.9	660.3	661.2	662.3	661.2	660.3	660.9	660.5	660.9	660.3
11°	657.7	658.1	657.5	658.6	659.8	658.6	657.5	658.1	657.7	658.1	657.5
11.5°	654.9	655.2	654.5	656.0	657.1	656.0	654.5	655.2	654.9	655.2	654.5
12°	652.0	652.2	651.5	653.2	654.3	653.2	651.5	652.2	652.0	652.2	651.5
12.5°	648.9	648.9	648.4	650.4	651.4	650.4	648.4	648.9	648.9	648.9	648.4
13°	645.9	645.7	645.2	647.5	648.5	647.5	645.2	645.7	645.9	645.7	645.2
13.5°	642.7	642.3	641.9	644.5	645.4	644.5	641.9	642.3	642.7	642.3	641.9
14°	639.5	639.0	638.6	641.3	642.2	641.3	638.6	639.0	639.5	639.0	638.6
14.5°	636.2	635.3	635.1	638.0	639.0	638.0	635.1	635.3	636.2	635.3	635.1
15°	632.7	631.7	631.6	634.6	635.6	634.6	631.6	631.7	632.7	631.7	631.6
15.5°	629.1	628.0	627.9	631.1	632.2	631.1	627.9	628.0	629.1	628.0	627.9
16°	625.5	624.2	624.2	627.3	628.7	627.3	624.2	624.2	625.5	624.2	624.2
16.5°	621.9	620.2	620.3	623.4	625.2	623.4	620.3	620.2	621.9	620.2	620.3
17°	618.1	616.1	616.1	619.4	621.5	619.4	616.1	616.1	618.1	616.1	616.1
17.5°	614.0	612.1	611.9	615.2	617.7	615.2	611.9	612.1	614.0	612.1	611.9
18°	609.7	607.8	607.5	610.8	613.7	610.8	607.5	607.8	609.7	607.8	607.5
18.5°	605.2	603.3	603.0	606.5	609.5	606.5	603.0	603.3	605.2	603.3	603.0
19°	600.7	598.8	598.3	602.0	605.2	602.0	598.3	598.8	600.7	598.8	598.3
19.5°	595.8	594.0	593.4	597.4	600.8	597.4	593.4	594.0	595.8	594.0	593.4
20°	590.9	589.1	588.5	592.5	596.1	592.5	588.5	589.1	590.9	589.1	588.5
20.5°	585.6	584.1	583.5	587.5	590.8	587.5	583.5	584.1	585.6	584.1	583.5
21°	580.3	578.8	578.2	582.2	585.5	582.2	578.2	578.8	580.3	578.8	578.2
21.5°	574.8	573.4	572.8	576.8	579.8	576.8	572.8	573.4	574.8	573.4	572.8
22°	569.0	567.9	567.4	571.1	573.9	571.1	567.4	567.9	569.0	567.9	567.4

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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°	563.0	562.1	561.9	565.4	567.7	565.4	561.9	562.1	563.0	562.1	561.9
23°	556.8	556.3	556.3	559.5	561.5	559.5	556.3	556.3	556.8	556.3	556.3
23.5°	550.6	550.3	550.7	553.4	555.1	553.4	550.7	550.3	550.6	550.3	550.7
24°	544.0	544.3	545.0	547.3	548.4	547.3	545.0	544.3	544.0	544.3	545.0
24.5°	537.5	538.2	539.1	541.0	541.6	541.0	539.1	538.2	537.5	538.2	539.1
25°	530.7	531.9	533.1	534.6	534.8	534.6	533.1	531.9	530.7	531.9	533.1
25.5°	523.9	525.5	526.9	528.0	527.6	528.0	526.9	525.5	523.9	525.5	526.9
26°	517.0	519.0	520.6	521.2	520.4	521.2	520.6	519.0	517.0	519.0	520.6
26.5°	509.9	512.4	514.1	514.4	512.9	514.4	514.1	512.4	509.9	512.4	514.1
27°	502.8	505.5	507.4	507.4	505.4	507.4	507.4	505.5	502.8	505.5	507.4
27.5°	495.6	498.5	500.5	500.2	497.8	500.2	500.5	498.5	495.6	498.5	500.5
28°	488.2	491.3	493.4	492.8	489.9	492.8	493.4	491.3	488.2	491.3	493.4
28.5°	480.5	483.9	486.0	485.2	482.2	485.2	486.0	483.9	480.5	483.9	486.0
29°	472.8	476.4	478.5	477.4	474.2	477.4	478.5	476.4	472.8	476.4	478.5
29.5°	464.9	468.6	470.8	469.5	466.2	469.5	470.8	468.6	464.9	468.6	470.8
30°	456.8	460.5	462.7	461.3	457.7	461.3	462.7	460.5	456.8	460.5	462.7
30.5°	448.8	452.4	454.4	452.8	449.4	452.8	454.4	452.4	448.8	452.4	454.4
31°	440.5	444.1	445.9	444.2	440.6	444.2	445.9	444.1	440.5	444.1	445.9
31.5°	432.2	435.6	437.1	435.4	431.9	435.4	437.1	435.6	432.2	435.6	437.1
32°	423.6	426.7	428.0	426.5	423.1	426.5	428.0	426.7	423.6	426.7	428.0
32.5°	415.1	418.0	418.8	417.4	414.2	417.4	418.8	418.0	415.1	418.0	418.8
33°	406.4	408.8	409.4	408.2	405.2	408.2	409.4	408.8	406.4	408.8	409.4
33.5°	397.9	399.6	399.9	398.8	396.1	398.8	399.9	399.6	397.9	399.6	399.9
34°	388.8	390.2	390.0	389.3	387.1	389.3	390.0	390.2	388.8	390.2	390.0
34.5°	379.8	380.7	380.2	379.6	377.9	379.6	380.2	380.7	379.8	380.7	380.2
35°	370.6	370.8	370.0	369.8	368.7	369.8	370.0	370.8	370.6	370.8	370.0
35.5°	361.2	361.0	359.8	359.9	359.4	359.9	359.8	361.0	361.2	361.0	359.8
36°	351.4	351.0	349.4	349.9	349.9	349.9	349.4	351.0	351.4	351.0	349.4
36.5°	341.8	340.9	339.1	339.9	340.4	339.9	339.1	340.9	341.8	340.9	339.1
37°	331.8	330.6	328.4	329.9	330.6	329.9	328.4	330.6	331.8	330.6	328.4
37.5°	321.6	320.3	317.8	319.7	320.4	319.7	317.8	320.3	321.6	320.3	317.8
38°	311.2	309.8	307.4	309.4	309.7	309.4	307.4	309.8	311.2	309.8	307.4
38.5°	300.9	299.4	297.0	299.0	299.3	299.0	297.0	299.4	300.9	299.4	297.0
39°	290.3	288.5	286.6	288.5	289.0	288.5	286.6	288.5	290.3	288.5	286.6
39.5°	279.4	277.9	276.3	278.1	278.7	278.1	276.3	277.9	279.4	277.9	276.3
40°	268.5	267.5	266.0	267.6	268.4	267.6	266.0	267.5	268.5	267.5	266.0
40.5°	257.8	257.2	255.8	257.0	258.1	257.0	255.8	257.2	257.8	257.2	255.8
41°	246.9	246.9	245.5	246.5	247.4	246.5	245.5	246.9	246.9	246.9	245.5
41.5°	236.2	236.4	235.1	236.1	236.8	236.1	235.1	236.4	236.2	236.4	235.1
42°	225.5	225.9	225.0	225.7	226.2	225.7	225.0	225.9	225.5	225.9	225.0
42.5°	214.9	215.5	215.0	215.8	215.6	215.8	215.0	215.5	214.9	215.5	215.0
43°	204.5	205.0	205.1	205.7	205.0	205.7	205.1	205.0	204.5	205.0	205.1
43.5°	194.3	194.9	195.3	195.8	194.6	195.8	195.3	194.9	194.3	194.9	195.3
44°	184.2	184.6	185.5	186.0	184.4	186.0	185.5	184.6	184.2	184.6	185.5
44.5°	174.1	174.8	176.1	176.6	174.5	176.6	176.1	174.8	174.1	174.8	176.1

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	164.3	165.1	166.8	166.9	164.8	166.9	166.8	165.1	164.3	165.1	166.8
45.5°	154.6	155.7	157.6	157.4	155.3	157.4	157.6	155.7	154.6	155.7	157.6
46°	145.1	146.5	148.3	148.2	146.0	148.2	148.3	146.5	145.1	146.5	148.3
46.5°	135.9	137.5	139.3	139.2	137.1	139.2	139.3	137.5	135.9	137.5	139.3
47°	127.0	128.7	130.4	130.5	128.5	130.5	130.4	128.7	127.0	128.7	130.4
47.5°	118.4	120.1	121.7	121.9	120.1	121.9	121.7	120.1	118.4	120.1	121.7
48°	110.1	111.8	113.2	113.5	112.0	113.5	113.2	111.8	110.1	111.8	113.2
48.5°	102.2	103.7	104.9	105.5	104.2	105.5	104.9	103.7	102.2	103.7	104.9
49°	94.7	96.0	96.9	97.7	96.6	97.7	96.9	96.0	94.7	96.0	96.9
49.5°	87.7	88.7	89.5	90.2	89.6	90.2	89.5	88.7	87.7	88.7	89.5
50°	80.9	81.7	82.3	83.2	82.9	83.2	82.3	81.7	80.9	81.7	82.3
50.5°	74.3	74.8	75.3	76.3	76.4	76.3	75.3	74.8	74.3	74.8	75.3
51°	67.9	68.1	68.4	69.6	70.0	69.6	68.4	68.1	67.9	68.1	68.4
51.5°	62.2	61.8	61.8	63.3	63.8	63.3	61.8	61.8	62.2	61.8	61.8
52°	56.5	56.1	55.7	57.2	57.7	57.2	55.7	56.1	56.5	56.1	55.7
52.5°	51.4	50.7	50.0	51.7	52.2	51.7	50.0	50.7	51.4	50.7	50.0
53°	46.5	45.7	44.9	46.6	47.0	46.6	44.9	45.7	46.5	45.7	44.9
53.5°	41.9	41.0	40.2	41.8	42.1	41.8	40.2	41.0	41.9	41.0	40.2
54°	37.5	36.7	35.9	37.3	37.5	37.3	35.9	36.7	37.5	36.7	35.9
54.5°	33.4	32.6	32.0	33.1	33.3	33.1	32.0	32.6	33.4	32.6	32.0
55°	29.6	28.9	28.3	29.1	29.3	29.1	28.3	28.9	29.6	28.9	28.3
55.5°	25.9	25.4	25.0	25.5	25.5	25.5	25.0	25.4	25.9	25.4	25.0
56°	22.7	22.4	21.9	22.3	22.3	22.3	21.9	22.4	22.7	22.4	21.9
56.5°	19.7	19.5	19.0	19.2	19.2	19.2	19.0	19.5	19.7	19.5	19.0
57°	16.9	16.7	16.2	16.3	16.4	16.3	16.2	16.7	16.9	16.7	16.2
57.5°	14.0	14.0	13.4	13.4	13.5	13.4	13.4	14.0	14.0	14.0	13.4
58°	11.2	11.2	10.8	10.8	10.7	10.8	10.8	11.2	11.2	11.2	10.8
58.5°	8.7	8.8	8.2	8.2	8.2	8.2	8.2	8.8	8.7	8.8	8.2
59°	6.1	6.3	5.6	5.7	5.7	5.7	5.6	6.3	6.1	6.3	5.6
59.5°	4.3	4.3	3.6	3.6	3.8	3.6	3.6	4.3	4.3	4.3	3.6
60°	2.9	2.8	2.4	2.2	2.4	2.2	2.4	2.8	2.9	2.8	2.4
60.5°	1.8	2.0	1.6	1.5	1.9	1.5	1.6	2.0	1.8	2.0	1.6
61°	1.5	1.6	1.2	1.2	1.6	1.2	1.2	1.6	1.5	1.6	1.2
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°	0.9	1.0	0.7	0.7	0.8	0.7	0.7	1.0	0.9	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	0.4	0.4	0.4	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°	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.2	0.2	0.2	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

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°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.2	0.2	0.2	0.2	0.1	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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
149°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
149.5°	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.2
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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

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: P1590598
CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	687.3	687.3	687.3	687.3	687.3	687.3
0.5°	687.4	687.2	687.4	687.5	687.2	687.0
1°	687.3	687.1	687.3	687.3	686.9	686.9
1.5°	687.1	686.9	687.1	687.0	686.7	686.5
2°	686.8	686.7	686.8	686.7	686.3	686.1
2.5°	686.4	686.4	686.4	686.2	685.8	685.6
3°	685.8	686.0	685.8	685.6	685.2	685.0
3.5°	685.2	685.4	685.2	684.9	684.4	684.2
4°	684.4	684.8	684.4	684.0	683.6	683.3
4.5°	683.5	684.0	683.5	683.1	682.6	682.4
5°	682.5	683.0	682.5	682.0	681.6	681.4
5.5°	681.2	681.9	681.2	680.7	680.4	680.2
6°	679.7	680.5	679.7	679.3	679.1	678.8
6.5°	678.1	679.0	678.1	677.8	677.7	677.3
7°	676.4	677.4	676.4	676.0	676.1	675.8
7.5°	674.5	675.5	674.5	674.3	674.5	674.0
8°	672.5	673.6	672.5	672.3	672.6	672.1
8.5°	670.5	671.6	670.5	670.2	670.6	670.1
9°	668.3	669.4	668.3	668.0	668.4	667.9
9.5°	666.0	667.2	666.0	665.6	666.1	665.5
10°	663.6	664.8	663.6	663.0	663.7	663.1
10.5°	661.2	662.3	661.2	660.3	660.9	660.5
11°	658.6	659.8	658.6	657.5	658.1	657.7
11.5°	656.0	657.1	656.0	654.5	655.2	654.9
12°	653.2	654.3	653.2	651.5	652.2	652.0
12.5°	650.4	651.4	650.4	648.4	648.9	648.9
13°	647.5	648.5	647.5	645.2	645.7	645.9
13.5°	644.5	645.4	644.5	641.9	642.3	642.7
14°	641.3	642.2	641.3	638.6	639.0	639.5
14.5°	638.0	639.0	638.0	635.1	635.3	636.2
15°	634.6	635.6	634.6	631.6	631.7	632.7
15.5°	631.1	632.2	631.1	627.9	628.0	629.1
16°	627.3	628.7	627.3	624.2	624.2	625.5
16.5°	623.4	625.2	623.4	620.3	620.2	621.9
17°	619.4	621.5	619.4	616.1	616.1	618.1
17.5°	615.2	617.7	615.2	611.9	612.1	614.0
18°	610.8	613.7	610.8	607.5	607.8	609.7
18.5°	606.5	609.5	606.5	603.0	603.3	605.2
19°	602.0	605.2	602.0	598.3	598.8	600.7
19.5°	597.4	600.8	597.4	593.4	594.0	595.8
20°	592.5	596.1	592.5	588.5	589.1	590.9
20.5°	587.5	590.8	587.5	583.5	584.1	585.6
21°	582.2	585.5	582.2	578.2	578.8	580.3
21.5°	576.8	579.8	576.8	572.8	573.4	574.8
22°	571.1	573.9	571.1	567.4	567.9	569.0

TEST NUMBER: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	565.4	567.7	565.4	561.9	562.1	563.0
23°	559.5	561.5	559.5	556.3	556.3	556.8
23.5°	553.4	555.1	553.4	550.7	550.3	550.6
24°	547.3	548.4	547.3	545.0	544.3	544.0
24.5°	541.0	541.6	541.0	539.1	538.2	537.5
25°	534.6	534.8	534.6	533.1	531.9	530.7
25.5°	528.0	527.6	528.0	526.9	525.5	523.9
26°	521.2	520.4	521.2	520.6	519.0	517.0
26.5°	514.4	512.9	514.4	514.1	512.4	509.9
27°	507.4	505.4	507.4	507.4	505.5	502.8
27.5°	500.2	497.8	500.2	500.5	498.5	495.6
28°	492.8	489.9	492.8	493.4	491.3	488.2
28.5°	485.2	482.2	485.2	486.0	483.9	480.5
29°	477.4	474.2	477.4	478.5	476.4	472.8
29.5°	469.5	466.2	469.5	470.8	468.6	464.9
30°	461.3	457.7	461.3	462.7	460.5	456.8
30.5°	452.8	449.4	452.8	454.4	452.4	448.8
31°	444.2	440.6	444.2	445.9	444.1	440.5
31.5°	435.4	431.9	435.4	437.1	435.6	432.2
32°	426.5	423.1	426.5	428.0	426.7	423.6
32.5°	417.4	414.2	417.4	418.8	418.0	415.1
33°	408.2	405.2	408.2	409.4	408.8	406.4
33.5°	398.8	396.1	398.8	399.9	399.6	397.9
34°	389.3	387.1	389.3	390.0	390.2	388.8
34.5°	379.6	377.9	379.6	380.2	380.7	379.8
35°	369.8	368.7	369.8	370.0	370.8	370.6
35.5°	359.9	359.4	359.9	359.8	361.0	361.2
36°	349.9	349.9	349.9	349.4	351.0	351.4
36.5°	339.9	340.4	339.9	339.1	340.9	341.8
37°	329.9	330.6	329.9	328.4	330.6	331.8
37.5°	319.7	320.4	319.7	317.8	320.3	321.6
38°	309.4	309.7	309.4	307.4	309.8	311.2
38.5°	299.0	299.3	299.0	297.0	299.4	300.9
39°	288.5	289.0	288.5	286.6	288.5	290.3
39.5°	278.1	278.7	278.1	276.3	277.9	279.4
40°	267.6	268.4	267.6	266.0	267.5	268.5
40.5°	257.0	258.1	257.0	255.8	257.2	257.8
41°	246.5	247.4	246.5	245.5	246.9	246.9
41.5°	236.1	236.8	236.1	235.1	236.4	236.2
42°	225.7	226.2	225.7	225.0	225.9	225.5
42.5°	215.8	215.6	215.8	215.0	215.5	214.9
43°	205.7	205.0	205.7	205.1	205.0	204.5
43.5°	195.8	194.6	195.8	195.3	194.9	194.3
44°	186.0	184.4	186.0	185.5	184.6	184.2
44.5°	176.6	174.5	176.6	176.1	174.8	174.1

TEST NUMBER: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	166.9	164.8	166.9	166.8	165.1	164.3
45.5°	157.4	155.3	157.4	157.6	155.7	154.6
46°	148.2	146.0	148.2	148.3	146.5	145.1
46.5°	139.2	137.1	139.2	139.3	137.5	135.9
47°	130.5	128.5	130.5	130.4	128.7	127.0
47.5°	121.9	120.1	121.9	121.7	120.1	118.4
48°	113.5	112.0	113.5	113.2	111.8	110.1
48.5°	105.5	104.2	105.5	104.9	103.7	102.2
49°	97.7	96.6	97.7	96.9	96.0	94.7
49.5°	90.2	89.6	90.2	89.5	88.7	87.7
50°	83.2	82.9	83.2	82.3	81.7	80.9
50.5°	76.3	76.4	76.3	75.3	74.8	74.3
51°	69.6	70.0	69.6	68.4	68.1	67.9
51.5°	63.3	63.8	63.3	61.8	61.8	62.2
52°	57.2	57.7	57.2	55.7	56.1	56.5
52.5°	51.7	52.2	51.7	50.0	50.7	51.4
53°	46.6	47.0	46.6	44.9	45.7	46.5
53.5°	41.8	42.1	41.8	40.2	41.0	41.9
54°	37.3	37.5	37.3	35.9	36.7	37.5
54.5°	33.1	33.3	33.1	32.0	32.6	33.4
55°	29.1	29.3	29.1	28.3	28.9	29.6
55.5°	25.5	25.5	25.5	25.0	25.4	25.9
56°	22.3	22.3	22.3	21.9	22.4	22.7
56.5°	19.2	19.2	19.2	19.0	19.5	19.7
57°	16.3	16.4	16.3	16.2	16.7	16.9
57.5°	13.4	13.5	13.4	13.4	14.0	14.0
58°	10.8	10.7	10.8	10.8	11.2	11.2
58.5°	8.2	8.2	8.2	8.2	8.8	8.7
59°	5.7	5.7	5.7	5.6	6.3	6.1
59.5°	3.6	3.8	3.6	3.6	4.3	4.3
60°	2.2	2.4	2.2	2.4	2.8	2.9
60.5°	1.5	1.9	1.5	1.6	2.0	1.8
61°	1.2	1.6	1.2	1.2	1.6	1.5
61.5°	0.9	1.2	0.9	0.9	1.3	1.2
62°	0.7	0.8	0.7	0.7	1.0	0.9
62.5°	0.5	0.5	0.5	0.6	0.8	0.7
63°	0.4	0.4	0.4	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	0.4
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	0.3
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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

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	0.0	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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

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°	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.2	0.1	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	0.2
149°	0.2	0.2	0.2	0.2	0.2	0.3
149.5°	0.3	0.2	0.3	0.2	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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

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: P1590598

CATALOG NUMBER: HCDLS510CSD6TRC-ME-3000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	5.5	6.6	5.8	6.9	7.2	5.2	6.3	5.5	6.6	6.9
	3H	5.3	6.3	5.7	6.6	7.0	5.0	6.0	5.4	6.3	6.7
	4H	5.2	6.1	5.6	6.5	6.8	4.9	5.8	5.3	6.2	6.6
	6H	5.1	5.9	5.5	6.3	6.7	4.8	5.6	5.2	6.0	6.4
	8H	5.0	5.8	5.5	6.2	6.6	4.8	5.5	5.2	5.9	6.3
	12H	5.0	5.7	5.4	6.1	6.6	4.7	5.4	5.1	5.8	6.3
4H	2H	5.2	6.1	5.6	6.5	6.8	4.9	5.8	5.3	6.2	6.6
	3H	5.0	5.7	5.4	6.2	6.6	4.7	5.5	5.1	5.9	6.3
	4H	4.9	5.6	5.3	6.0	6.4	4.6	5.3	5.1	5.7	6.1
	6H	4.8	5.4	5.3	5.8	6.3	4.5	5.1	5.0	5.5	6.0
	8H	4.7	5.3	5.2	5.7	6.2	4.5	5.0	4.9	5.4	5.9
	12H	4.7	5.1	5.2	5.6	6.1	4.4	4.8	4.9	5.3	5.8
8H	4H	4.7	5.3	5.2	5.7	6.2	4.5	5.0	4.9	5.4	5.9
	6H	4.6	5.0	5.1	5.5	6.0	4.3	4.7	4.8	5.2	5.7
	8H	4.5	4.9	5.1	5.4	5.9	4.3	4.6	4.8	5.2	5.6
	12H	4.5	4.8	5.0	5.3	5.9	4.2	4.5	4.7	5.0	5.6
12H	4H	4.7	5.1	5.2	5.6	6.1	4.4	4.8	4.9	5.3	5.8
	6H	4.5	4.9	5.1	5.4	5.9	4.3	4.6	4.8	5.1	5.7
	8H	4.5	4.8	5.0	5.3	5.9	4.2	4.5	4.7	5.0	5.6

(END OF REPORT)