

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: P1590600

Luminaire Tested: HCDLS510CSD6TRC-ME-4000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590600
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-4000K
Description: 6" Selectable Round Trim + Specular Clear 700 Lumens 4000K

Light Source:
Ballast/Driver: -

Summary

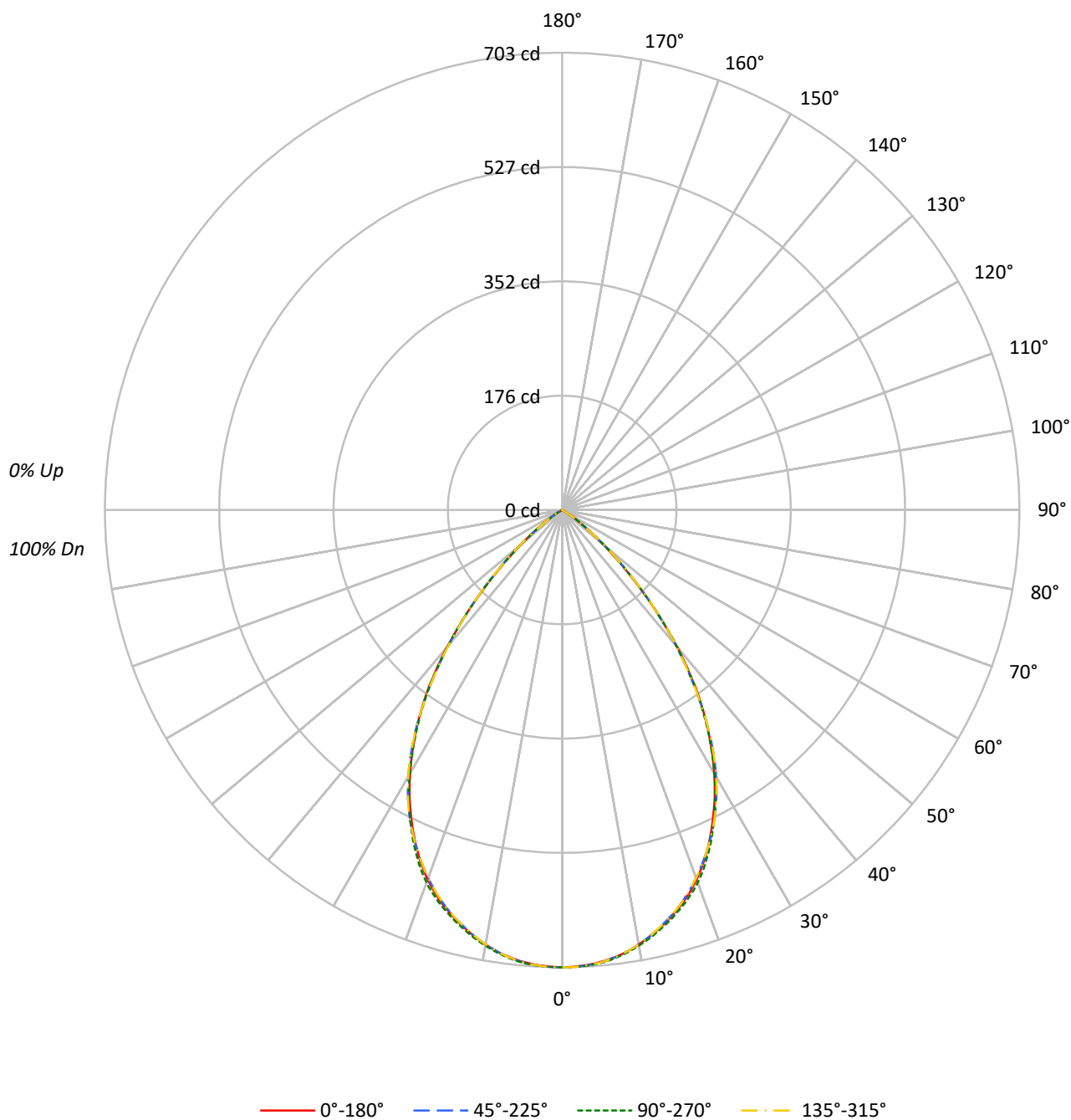
Lumens per Lamp: N/A
Luminaire Lumens: 893.8 lumens
Efficiency: N/A
Efficacy: 105.2 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	94	86	80	75	92	85	79	75	83	78	74		80	76	73		79
5	89	79	73	68	87	78	72	68	77	71	67		75	70	67		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	68	62	57	77	68	61	57	66	61	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	59	53	48	69	59	53	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	38550	38550	38550	38550
5°	38361	38455	38361	38455
10°	37769	37864	37769	37864
15°	36743	36907	36743	36907
20°	35266	35575	35266	35575
25°	32845	33093	32845	33093
30°	29587	29644	29587	29644
35°	25377	25243	25377	25243
40°	19658	19651	19658	19651
45°	13032	13071	13032	13071
50°	7062	7232	7062	7232
55°	2886	2867	2886	2867
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: 13242 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.0	7.4
10°-20°	181.9	20.4
20°-30°	249.4	27.9
30°-40°	233.9	26.2
40°-50°	131.6	14.7
50°-60°	29.9	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°	497.3	55.6
0°-40°	731.2	81.8
0°-60°	892.8	99.9
0°-90°	893.3	99.9
90°-120°	0.0	0.0
90°-150°	0.3	0.0
90°-180°	1.0	0.1
0°-180°	893.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	703	703	703	703	703	
5°	697	699	697	699	697	66
15°	647	650	647	650	647	182
25°	543	547	543	547	543	248
35°	379	377	379	377	379	234
45°	168	169	168	169	168	131
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°	703.2	703.2	703.2	703.2	703.2	703.2	703.2	703.2	703.2	703.2	703.2
0.5°	702.9	703.0	703.4	703.3	703.1	703.3	703.4	703.0	702.9	703.0	703.4
1°	702.7	702.8	703.2	703.2	703.0	703.2	703.2	702.8	702.7	702.8	703.2
1.5°	702.4	702.5	702.9	703.0	702.8	703.0	702.9	702.5	702.4	702.5	702.9
2°	702.0	702.2	702.6	702.7	702.6	702.7	702.6	702.2	702.0	702.2	702.6
2.5°	701.4	701.6	702.0	702.3	702.2	702.3	702.0	701.6	701.4	701.6	702.0
3°	700.8	701.0	701.4	701.7	701.9	701.7	701.4	701.0	700.8	701.0	701.4
3.5°	700.0	700.3	700.7	701.1	701.3	701.1	700.7	700.3	700.0	700.3	700.7
4°	699.1	699.4	699.8	700.2	700.6	700.2	699.8	699.4	699.1	699.4	699.8
4.5°	698.2	698.4	698.9	699.3	699.8	699.3	698.9	698.4	698.2	698.4	698.9
5°	697.1	697.3	697.8	698.2	698.8	698.2	697.8	697.3	697.1	697.3	697.8
5.5°	695.9	696.1	696.5	696.9	697.6	696.9	696.5	696.1	695.9	696.1	696.5
6°	694.5	694.8	695.0	695.4	696.3	695.4	695.0	694.8	694.5	694.8	695.0
6.5°	693.0	693.4	693.4	693.8	694.7	693.8	693.4	693.4	693.0	693.4	693.4
7°	691.4	691.7	691.7	692.0	693.0	692.0	691.7	691.7	691.4	691.7	691.7
7.5°	689.6	690.1	689.8	690.1	691.1	690.1	689.8	690.1	689.6	690.1	689.8
8°	687.7	688.1	687.9	688.1	689.2	688.1	687.9	688.1	687.7	688.1	687.9
8.5°	685.6	686.1	685.7	686.0	687.1	686.0	685.7	686.1	685.6	686.1	685.7
9°	683.3	683.9	683.4	683.7	684.9	683.7	683.4	683.9	683.3	683.9	683.4
9.5°	680.9	681.5	681.0	681.4	682.7	681.4	681.0	681.5	680.9	681.5	681.0
10°	678.5	679.0	678.3	678.9	680.2	678.9	678.3	679.0	678.5	679.0	678.3
10.5°	675.8	676.2	675.5	676.5	677.7	676.5	675.5	676.2	675.8	676.2	675.5
11°	673.0	673.3	672.7	673.8	675.0	673.8	672.7	673.3	673.0	673.3	672.7
11.5°	670.1	670.3	669.7	671.1	672.3	671.1	669.7	670.3	670.1	670.3	669.7
12°	667.1	667.2	666.6	668.3	669.4	668.3	666.6	667.2	667.1	667.2	666.6
12.5°	663.9	663.9	663.4	665.4	666.4	665.4	663.4	663.9	663.9	663.9	663.4
13°	660.8	660.7	660.1	662.4	663.5	662.4	660.1	660.7	660.8	660.7	660.1
13.5°	657.6	657.2	656.8	659.4	660.3	659.4	656.8	657.2	657.6	657.2	656.8
14°	654.3	653.7	653.3	656.1	657.0	656.1	653.3	653.7	654.3	653.7	653.3
14.5°	650.9	650.0	649.8	652.7	653.7	652.7	649.8	650.0	650.9	650.0	649.8
15°	647.4	646.3	646.2	649.2	650.3	649.2	646.2	646.3	647.4	646.3	646.2
15.5°	643.7	642.5	642.5	645.7	646.8	645.7	642.5	642.5	643.7	642.5	642.5
16°	640.0	638.7	638.7	641.8	643.2	641.8	638.7	638.7	640.0	638.7	638.7
16.5°	636.3	634.5	634.6	637.8	639.6	637.8	634.6	634.5	636.3	634.5	634.6
17°	632.4	630.4	630.3	633.7	635.8	633.7	630.3	630.4	632.4	630.4	630.3
17.5°	628.2	626.2	626.0	629.4	632.0	629.4	626.0	626.2	628.2	626.2	626.0
18°	623.8	621.8	621.6	625.0	627.9	625.0	621.6	621.8	623.8	621.8	621.6
18.5°	619.2	617.3	616.9	620.5	623.6	620.5	616.9	617.3	619.2	617.3	616.9
19°	614.5	612.6	612.1	615.9	619.2	615.9	612.1	612.6	614.5	612.6	612.1
19.5°	609.6	607.7	607.2	611.2	614.7	611.2	607.2	607.7	609.6	607.7	607.2
20°	604.5	602.8	602.2	606.2	609.8	606.2	602.2	602.8	604.5	602.8	602.2
20.5°	599.2	597.6	597.0	601.1	604.5	601.1	597.0	597.6	599.2	597.6	597.0
21°	593.8	592.2	591.6	595.6	599.0	595.6	591.6	592.2	593.8	592.2	591.6
21.5°	588.1	586.7	586.1	590.1	593.2	590.1	586.1	586.7	588.1	586.7	586.1
22°	582.2	581.0	580.5	584.3	587.2	584.3	580.5	581.0	582.2	581.0	580.5

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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°	576.0	575.1	574.9	578.4	580.8	578.4	574.9	575.1	576.0	575.1	574.9
23°	569.7	569.2	569.2	572.4	574.5	572.4	569.2	569.2	569.7	569.2	569.2
23.5°	563.3	563.0	563.4	566.2	567.9	566.2	563.4	563.0	563.3	563.0	563.4
24°	556.6	556.9	557.6	559.9	561.1	559.9	557.6	556.9	556.6	556.9	557.6
24.5°	549.9	550.6	551.6	553.5	554.1	553.5	551.6	550.6	549.9	550.6	551.6
25°	543.0	544.2	545.4	546.9	547.1	546.9	545.4	544.2	543.0	544.2	545.4
25.5°	536.0	537.7	539.1	540.2	539.8	540.2	539.1	537.7	536.0	537.7	539.1
26°	529.0	531.0	532.7	533.3	532.4	533.3	532.7	531.0	529.0	531.0	532.7
26.5°	521.7	524.2	525.9	526.3	524.7	526.3	525.9	524.2	521.7	524.2	525.9
27°	514.4	517.2	519.1	519.1	517.1	519.1	519.1	517.2	514.4	517.2	519.1
27.5°	507.0	510.0	512.1	511.8	509.4	511.8	512.1	510.0	507.0	510.0	512.1
28°	499.5	502.6	504.8	504.2	501.3	504.2	504.8	502.6	499.5	502.6	504.8
28.5°	491.6	495.1	497.3	496.4	493.3	496.4	497.3	495.1	491.6	495.1	497.3
29°	483.8	487.4	489.5	488.5	485.2	488.5	489.5	487.4	483.8	487.4	489.5
29.5°	475.6	479.4	481.6	480.4	477.0	480.4	481.6	479.4	475.6	479.4	481.6
30°	467.4	471.2	473.4	471.9	468.3	471.9	473.4	471.2	467.4	471.2	473.4
30.5°	459.2	462.9	464.9	463.3	459.8	463.3	464.9	462.9	459.2	462.9	464.9
31°	450.7	454.4	456.2	454.4	450.8	454.4	456.2	454.4	450.7	454.4	456.2
31.5°	442.1	445.7	447.2	445.5	441.9	445.5	447.2	445.7	442.1	445.7	447.2
32°	433.4	436.6	437.9	436.3	432.9	436.3	437.9	436.6	433.4	436.6	437.9
32.5°	424.7	427.7	428.5	427.1	423.8	427.1	428.5	427.7	424.7	427.7	428.5
33°	415.8	418.2	418.9	417.6	414.6	417.6	418.9	418.2	415.8	418.2	418.9
33.5°	407.1	408.9	409.2	408.0	405.3	408.0	409.2	408.9	407.1	408.9	409.2
34°	397.8	399.2	399.0	398.3	396.1	398.3	399.0	399.2	397.8	399.2	399.0
34.5°	388.6	389.5	389.0	388.4	386.7	388.4	389.0	389.5	388.6	389.5	389.0
35°	379.2	379.4	378.6	378.4	377.2	378.4	378.6	379.4	379.2	379.4	378.6
35.5°	369.6	369.3	368.1	368.2	367.7	368.2	368.1	369.3	369.6	369.3	368.1
36°	359.6	359.1	357.5	358.0	358.0	358.0	357.5	359.1	359.6	359.1	357.5
36.5°	349.7	348.8	346.9	347.7	348.3	347.7	346.9	348.8	349.7	348.8	346.9
37°	339.5	338.2	336.0	337.5	338.2	337.5	336.0	338.2	339.5	338.2	336.0
37.5°	329.0	327.7	325.2	327.1	327.8	327.1	325.2	327.7	329.0	327.7	325.2
38°	318.4	317.0	314.5	316.6	316.9	316.6	314.5	317.0	318.4	317.0	314.5
38.5°	307.9	306.4	303.8	305.9	306.2	305.9	303.8	306.4	307.9	306.4	303.8
39°	297.1	295.1	293.2	295.2	295.6	295.2	293.2	295.1	297.1	295.1	293.2
39.5°	285.8	284.3	282.7	284.5	285.1	284.5	282.7	284.3	285.8	284.3	282.7
40°	274.7	273.7	272.2	273.8	274.6	273.8	272.2	273.7	274.7	273.7	272.2
40.5°	263.8	263.2	261.7	263.0	264.0	263.0	261.7	263.2	263.8	263.2	261.7
41°	252.6	252.6	251.2	252.2	253.1	252.2	251.2	252.6	252.6	252.6	251.2
41.5°	241.6	241.9	240.5	241.5	242.3	241.5	240.5	241.9	241.6	241.9	240.5
42°	230.7	231.1	230.2	231.0	231.4	231.0	230.2	231.1	230.7	231.1	230.2
42.5°	219.9	220.5	220.0	220.7	220.6	220.7	220.0	220.5	219.9	220.5	220.0
43°	209.3	209.8	209.9	210.5	209.8	210.5	209.9	209.8	209.3	209.8	209.9
43.5°	198.8	199.4	199.8	200.3	199.0	200.3	199.8	199.4	198.8	199.4	199.8
44°	188.4	188.8	189.8	190.3	188.7	190.3	189.8	188.8	188.4	188.8	189.8
44.5°	178.2	178.8	180.2	180.6	178.6	180.6	180.2	178.8	178.2	178.8	180.2

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	168.1	168.9	170.7	170.8	168.6	170.8	170.7	168.9	168.1	168.9	170.7
45.5°	158.2	159.3	161.2	161.0	158.9	161.0	161.2	159.3	158.2	159.3	161.2
46°	148.5	149.9	151.8	151.6	149.4	151.6	151.8	149.9	148.5	149.9	151.8
46.5°	139.1	140.7	142.5	142.5	140.3	142.5	142.5	140.7	139.1	140.7	142.5
47°	130.0	131.7	133.4	133.5	131.4	133.5	133.4	131.7	130.0	131.7	133.4
47.5°	121.2	122.9	124.5	124.8	122.9	124.8	124.5	122.9	121.2	122.9	124.5
48°	112.6	114.3	115.8	116.1	114.5	116.1	115.8	114.3	112.6	114.3	115.8
48.5°	104.5	106.1	107.3	107.9	106.6	107.9	107.3	106.1	104.5	106.1	107.3
49°	96.9	98.2	99.2	99.9	98.9	99.9	99.2	98.2	96.9	98.2	99.2
49.5°	89.7	90.8	91.5	92.3	91.7	92.3	91.5	90.8	89.7	90.8	91.5
50°	82.8	83.6	84.2	85.2	84.8	85.2	84.2	83.6	82.8	83.6	84.2
50.5°	76.0	76.5	77.0	78.1	78.1	78.1	77.0	76.5	76.0	76.5	77.0
51°	69.4	69.7	70.0	71.2	71.6	71.2	70.0	69.7	69.4	69.7	70.0
51.5°	63.6	63.2	63.2	64.8	65.2	64.8	63.2	63.2	63.6	63.2	63.2
52°	57.9	57.4	56.9	58.5	59.0	58.5	56.9	57.4	57.9	57.4	56.9
52.5°	52.6	51.8	51.2	52.9	53.4	52.9	51.2	51.8	52.6	51.8	51.2
53°	47.6	46.7	45.9	47.7	48.1	47.7	45.9	46.7	47.6	46.7	45.9
53.5°	42.9	41.9	41.1	42.7	43.0	42.7	41.1	41.9	42.9	41.9	41.1
54°	38.4	37.5	36.8	38.1	38.4	38.1	36.8	37.5	38.4	37.5	36.8
54.5°	34.2	33.4	32.7	33.8	34.0	33.8	32.7	33.4	34.2	33.4	32.7
55°	30.2	29.6	29.0	29.8	30.0	29.8	29.0	29.6	30.2	29.6	29.0
55.5°	26.5	26.0	25.6	26.1	26.1	26.1	25.6	26.0	26.5	26.0	25.6
56°	23.3	22.9	22.4	22.8	22.8	22.8	22.4	22.9	23.3	22.9	22.4
56.5°	20.1	19.9	19.4	19.6	19.7	19.6	19.4	19.9	20.1	19.9	19.4
57°	17.2	17.1	16.5	16.6	16.8	16.6	16.5	17.1	17.2	17.1	16.5
57.5°	14.4	14.3	13.7	13.7	13.8	13.7	13.7	14.3	14.4	14.3	13.7
58°	11.5	11.5	11.1	11.0	10.9	11.0	11.1	11.5	11.5	11.5	11.1
58.5°	8.9	9.0	8.4	8.4	8.4	8.4	8.4	9.0	8.9	9.0	8.4
59°	6.3	6.4	5.8	5.8	5.8	5.8	5.8	6.4	6.3	6.4	5.8
59.5°	4.4	4.4	3.6	3.7	3.9	3.7	3.6	4.4	4.4	4.4	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	0.8	0.7	0.9	0.7	0.8	1.0	1.0	1.0	0.8
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°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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	0.2	0.2	0.1	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°	0.2	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	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
149°	0.3	0.3	0.3	0.3	0.2	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°	0.3	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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
164°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
164.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
165°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
165.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
166°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	703.2	703.2	703.2	703.2	703.2	703.2
0.5°	703.3	703.1	703.3	703.4	703.0	702.9
1°	703.2	703.0	703.2	703.2	702.8	702.7
1.5°	703.0	702.8	703.0	702.9	702.5	702.4
2°	702.7	702.6	702.7	702.6	702.2	702.0
2.5°	702.3	702.2	702.3	702.0	701.6	701.4
3°	701.7	701.9	701.7	701.4	701.0	700.8
3.5°	701.1	701.3	701.1	700.7	700.3	700.0
4°	700.2	700.6	700.2	699.8	699.4	699.1
4.5°	699.3	699.8	699.3	698.9	698.4	698.2
5°	698.2	698.8	698.2	697.8	697.3	697.1
5.5°	696.9	697.6	696.9	696.5	696.1	695.9
6°	695.4	696.3	695.4	695.0	694.8	694.5
6.5°	693.8	694.7	693.8	693.4	693.4	693.0
7°	692.0	693.0	692.0	691.7	691.7	691.4
7.5°	690.1	691.1	690.1	689.8	690.1	689.6
8°	688.1	689.2	688.1	687.9	688.1	687.7
8.5°	686.0	687.1	686.0	685.7	686.1	685.6
9°	683.7	684.9	683.7	683.4	683.9	683.3
9.5°	681.4	682.7	681.4	681.0	681.5	680.9
10°	678.9	680.2	678.9	678.3	679.0	678.5
10.5°	676.5	677.7	676.5	675.5	676.2	675.8
11°	673.8	675.0	673.8	672.7	673.3	673.0
11.5°	671.1	672.3	671.1	669.7	670.3	670.1
12°	668.3	669.4	668.3	666.6	667.2	667.1
12.5°	665.4	666.4	665.4	663.4	663.9	663.9
13°	662.4	663.5	662.4	660.1	660.7	660.8
13.5°	659.4	660.3	659.4	656.8	657.2	657.6
14°	656.1	657.0	656.1	653.3	653.7	654.3
14.5°	652.7	653.7	652.7	649.8	650.0	650.9
15°	649.2	650.3	649.2	646.2	646.3	647.4
15.5°	645.7	646.8	645.7	642.5	642.5	643.7
16°	641.8	643.2	641.8	638.7	638.7	640.0
16.5°	637.8	639.6	637.8	634.6	634.5	636.3
17°	633.7	635.8	633.7	630.3	630.4	632.4
17.5°	629.4	632.0	629.4	626.0	626.2	628.2
18°	625.0	627.9	625.0	621.6	621.8	623.8
18.5°	620.5	623.6	620.5	616.9	617.3	619.2
19°	615.9	619.2	615.9	612.1	612.6	614.5
19.5°	611.2	614.7	611.2	607.2	607.7	609.6
20°	606.2	609.8	606.2	602.2	602.8	604.5
20.5°	601.1	604.5	601.1	597.0	597.6	599.2
21°	595.6	599.0	595.6	591.6	592.2	593.8
21.5°	590.1	593.2	590.1	586.1	586.7	588.1
22°	584.3	587.2	584.3	580.5	581.0	582.2

TEST NUMBER: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	578.4	580.8	578.4	574.9	575.1	576.0
23°	572.4	574.5	572.4	569.2	569.2	569.7
23.5°	566.2	567.9	566.2	563.4	563.0	563.3
24°	559.9	561.1	559.9	557.6	556.9	556.6
24.5°	553.5	554.1	553.5	551.6	550.6	549.9
25°	546.9	547.1	546.9	545.4	544.2	543.0
25.5°	540.2	539.8	540.2	539.1	537.7	536.0
26°	533.3	532.4	533.3	532.7	531.0	529.0
26.5°	526.3	524.7	526.3	525.9	524.2	521.7
27°	519.1	517.1	519.1	519.1	517.2	514.4
27.5°	511.8	509.4	511.8	512.1	510.0	507.0
28°	504.2	501.3	504.2	504.8	502.6	499.5
28.5°	496.4	493.3	496.4	497.3	495.1	491.6
29°	488.5	485.2	488.5	489.5	487.4	483.8
29.5°	480.4	477.0	480.4	481.6	479.4	475.6
30°	471.9	468.3	471.9	473.4	471.2	467.4
30.5°	463.3	459.8	463.3	464.9	462.9	459.2
31°	454.4	450.8	454.4	456.2	454.4	450.7
31.5°	445.5	441.9	445.5	447.2	445.7	442.1
32°	436.3	432.9	436.3	437.9	436.6	433.4
32.5°	427.1	423.8	427.1	428.5	427.7	424.7
33°	417.6	414.6	417.6	418.9	418.2	415.8
33.5°	408.0	405.3	408.0	409.2	408.9	407.1
34°	398.3	396.1	398.3	399.0	399.2	397.8
34.5°	388.4	386.7	388.4	389.0	389.5	388.6
35°	378.4	377.2	378.4	378.6	379.4	379.2
35.5°	368.2	367.7	368.2	368.1	369.3	369.6
36°	358.0	358.0	358.0	357.5	359.1	359.6
36.5°	347.7	348.3	347.7	346.9	348.8	349.7
37°	337.5	338.2	337.5	336.0	338.2	339.5
37.5°	327.1	327.8	327.1	325.2	327.7	329.0
38°	316.6	316.9	316.6	314.5	317.0	318.4
38.5°	305.9	306.2	305.9	303.8	306.4	307.9
39°	295.2	295.6	295.2	293.2	295.1	297.1
39.5°	284.5	285.1	284.5	282.7	284.3	285.8
40°	273.8	274.6	273.8	272.2	273.7	274.7
40.5°	263.0	264.0	263.0	261.7	263.2	263.8
41°	252.2	253.1	252.2	251.2	252.6	252.6
41.5°	241.5	242.3	241.5	240.5	241.9	241.6
42°	231.0	231.4	231.0	230.2	231.1	230.7
42.5°	220.7	220.6	220.7	220.0	220.5	219.9
43°	210.5	209.8	210.5	209.9	209.8	209.3
43.5°	200.3	199.0	200.3	199.8	199.4	198.8
44°	190.3	188.7	190.3	189.8	188.8	188.4
44.5°	180.6	178.6	180.6	180.2	178.8	178.2

TEST NUMBER: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	170.8	168.6	170.8	170.7	168.9	168.1
45.5°	161.0	158.9	161.0	161.2	159.3	158.2
46°	151.6	149.4	151.6	151.8	149.9	148.5
46.5°	142.5	140.3	142.5	142.5	140.7	139.1
47°	133.5	131.4	133.5	133.4	131.7	130.0
47.5°	124.8	122.9	124.8	124.5	122.9	121.2
48°	116.1	114.5	116.1	115.8	114.3	112.6
48.5°	107.9	106.6	107.9	107.3	106.1	104.5
49°	99.9	98.9	99.9	99.2	98.2	96.9
49.5°	92.3	91.7	92.3	91.5	90.8	89.7
50°	85.2	84.8	85.2	84.2	83.6	82.8
50.5°	78.1	78.1	78.1	77.0	76.5	76.0
51°	71.2	71.6	71.2	70.0	69.7	69.4
51.5°	64.8	65.2	64.8	63.2	63.2	63.6
52°	58.5	59.0	58.5	56.9	57.4	57.9
52.5°	52.9	53.4	52.9	51.2	51.8	52.6
53°	47.7	48.1	47.7	45.9	46.7	47.6
53.5°	42.7	43.0	42.7	41.1	41.9	42.9
54°	38.1	38.4	38.1	36.8	37.5	38.4
54.5°	33.8	34.0	33.8	32.7	33.4	34.2
55°	29.8	30.0	29.8	29.0	29.6	30.2
55.5°	26.1	26.1	26.1	25.6	26.0	26.5
56°	22.8	22.8	22.8	22.4	22.9	23.3
56.5°	19.6	19.7	19.6	19.4	19.9	20.1
57°	16.6	16.8	16.6	16.5	17.1	17.2
57.5°	13.7	13.8	13.7	13.7	14.3	14.4
58°	11.0	10.9	11.0	11.1	11.5	11.5
58.5°	8.4	8.4	8.4	8.4	9.0	8.9
59°	5.8	5.8	5.8	5.8	6.4	6.3
59.5°	3.7	3.9	3.7	3.6	4.4	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	0.8	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	0.3
67°	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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	0.2	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°	0.2	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	0.3	0.3
149°	0.3	0.2	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	0.3	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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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	0.4
164°	0.3	0.3	0.3	0.3	0.3	0.4
164.5°	0.3	0.3	0.3	0.3	0.3	0.4
165°	0.3	0.3	0.3	0.3	0.3	0.4
165.5°	0.3	0.3	0.3	0.3	0.3	0.4
166°	0.3	0.3	0.3	0.3	0.3	0.4
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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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: P1590600

CATALOG NUMBER: HCDLS510CSD6TRC-ME-4000K

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	6.7	5.9	7.0	7.3	5.2	6.4	5.6	6.7	7.0
	3H	5.4	6.3	5.8	6.7	7.1	5.1	6.0	5.4	6.4	6.7
	4H	5.3	6.2	5.7	6.5	6.9	5.0	5.9	5.4	6.2	6.6
	6H	5.2	6.0	5.6	6.4	6.8	4.9	5.7	5.3	6.1	6.5
	8H	5.1	5.9	5.6	6.3	6.7	4.8	5.6	5.3	6.0	6.4
	12H	5.1	5.8	5.5	6.2	6.6	4.8	5.5	5.2	5.9	6.3
4H	2H	5.3	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	6.1	6.5	4.7	5.3	5.1	5.8	6.2
	6H	4.9	5.4	5.4	5.9	6.4	4.6	5.1	5.1	5.6	6.1
	8H	4.8	5.3	5.3	5.8	6.3	4.5	5.0	5.0	5.5	6.0
	12H	4.8	5.2	5.3	5.7	6.2	4.5	4.9	4.9	5.4	5.9
8H	4H	4.8	5.3	5.3	5.8	6.3	4.5	5.0	5.0	5.5	6.0
	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	5.2	5.5	6.0	4.3	4.7	4.9	5.2	5.7
	12H	4.6	4.9	5.1	5.4	6.0	4.3	4.6	4.8	5.1	5.7
12H	4H	4.8	5.2	5.3	5.7	6.2	4.5	4.9	4.9	5.4	5.9
	6H	4.6	5.0	5.2	5.5	6.0	4.3	4.7	4.9	5.2	5.7
	8H	4.6	4.9	5.1	5.4	6.0	4.3	4.6	4.8	5.1	5.7

(END OF REPORT)