

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: P1590621

Luminaire Tested: HCDLS510CSD6TRMW-HI-5000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590621
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: HCDLS510CSD6TRMW-HI-5000K
Description: 6" Selectable Round Trim+Matte White (paintable) 1000 Lumens 5000K

Light Source:
Ballast/Driver: -

Summary

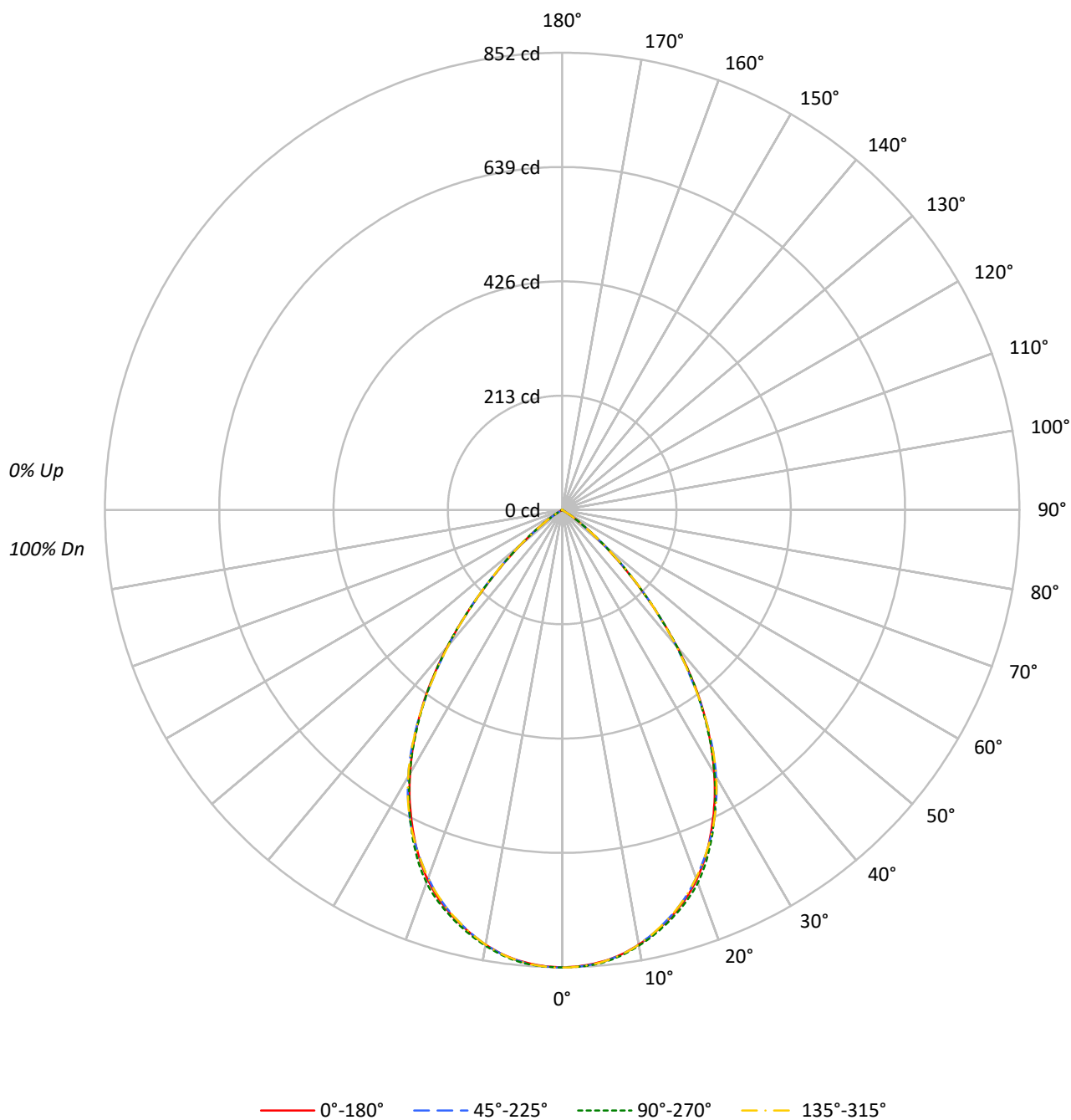
Lumens per Lamp: N/A
Luminaire Lumens: 1083.4 lumens
Efficiency: N/A
Efficacy: 97.6 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		92
2	107	101	97	93	104	99	95	92	96	93	90		93	90	88		84
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		77
4	94	86	80	75	92	85	79	75	83	78	74		80	76	73		70
5	89	79	73	68	87	78	72	68	77	71	67		75	70	67		64
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		59
7	79	68	62	57	77	68	61	57	66	61	56		65	60	56		54
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		50
9	70	59	53	48	69	59	53	48	58	52	48		57	52	48		46
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		43

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	46729	46729	46729	46729
5°	46500	46616	46500	46616
10°	45780	45897	45780	45897
15°	44535	44739	44535	44739
20°	42750	43124	42750	43124
25°	39813	40115	39813	40115
30°	35860	35936	35860	35936
35°	30758	30597	30758	30597
40°	23830	23823	23830	23823
45°	15800	15839	15800	15839
50°	8563	8767	8563	8767
55°	3508	3469	3508	3469
60°	395	329	395	329
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: 16048 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.0	7.4
10°-20°	220.5	20.4
20°-30°	302.3	27.9
30°-40°	283.5	26.2
40°-50°	159.5	14.7
50°-60°	36.3	3.4
60°-70°	0.6	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.1	0.0
130°-140°	0.1	0.0
140°-150°	0.2	0.0
150°-160°	0.2	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	602.8	55.6
0°-40°	886.3	81.8
0°-60°	1082.1	99.9
0°-90°	1082.8	99.9
90°-120°	0.0	0.0
90°-150°	0.3	0.0
90°-180°	1.0	0.1
0°-180°	1083.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	852	852	852	852	852	
5°	845	847	845	847	845	80
15°	785	788	785	788	785	220
25°	658	663	658	663	658	301
35°	460	457	460	457	460	284
45°	204	204	204	204	204	158
55°	37	36	37	36	37	37
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°	852.4	852.4	852.4	852.4	852.4	852.4	852.4	852.4	852.4	852.4	852.4
0.5°	852.0	852.2	852.5	852.5	852.3	852.5	852.5	852.2	852.0	852.2	852.5
1°	851.8	851.9	852.4	852.3	852.1	852.3	852.4	851.9	851.8	851.9	852.4
1.5°	851.4	851.6	852.0	852.1	851.9	852.1	852.0	851.6	851.4	851.6	852.0
2°	850.9	851.1	851.6	851.7	851.6	851.7	851.6	851.1	850.9	851.1	851.6
2.5°	850.2	850.5	851.0	851.2	851.2	851.2	851.0	850.5	850.2	850.5	851.0
3°	849.5	849.7	850.2	850.5	850.7	850.5	850.2	849.7	849.5	849.7	850.2
3.5°	848.5	848.8	849.3	849.8	850.0	849.8	849.3	848.8	848.5	848.8	849.3
4°	847.4	847.8	848.3	848.8	849.3	848.8	848.3	847.8	847.4	847.8	848.3
4.5°	846.3	846.6	847.2	847.6	848.2	847.6	847.2	846.6	846.3	846.6	847.2
5°	845.0	845.2	845.8	846.3	847.1	846.3	845.8	845.2	845.0	845.2	845.8
5.5°	843.5	843.8	844.2	844.7	845.6	844.7	844.2	843.8	843.5	843.8	844.2
6°	841.8	842.2	842.5	842.9	843.9	842.9	842.5	842.2	841.8	842.2	842.5
6.5°	840.0	840.5	840.5	841.0	842.1	841.0	840.5	840.5	840.0	840.5	840.5
7°	838.1	838.5	838.4	838.8	840.0	838.8	838.4	838.5	838.1	838.5	838.4
7.5°	835.9	836.4	836.2	836.5	837.7	836.5	836.2	836.4	835.9	836.4	836.2
8°	833.5	834.1	833.8	834.0	835.4	834.0	833.8	834.1	833.5	834.1	833.8
8.5°	831.0	831.7	831.2	831.5	832.8	831.5	831.2	831.7	831.0	831.7	831.2
9°	828.3	828.9	828.4	828.7	830.1	828.7	828.4	828.9	828.3	828.9	828.4
9.5°	825.3	826.1	825.4	825.9	827.5	825.9	825.4	826.1	825.3	826.1	825.4
10°	822.4	823.0	822.2	822.9	824.5	822.9	822.2	823.0	822.4	823.0	822.2
10.5°	819.1	819.6	818.8	820.0	821.4	820.0	818.8	819.6	819.1	819.6	818.8
11°	815.7	816.2	815.4	816.8	818.2	816.8	815.4	816.2	815.7	816.2	815.4
11.5°	812.2	812.5	811.7	813.5	814.9	813.5	811.7	812.5	812.2	812.5	811.7
12°	808.6	808.8	808.0	810.1	811.4	810.1	808.0	808.8	808.6	808.8	808.0
12.5°	804.8	804.8	804.1	806.6	807.8	806.6	804.1	804.8	804.8	804.8	804.1
13°	801.0	800.8	800.1	803.0	804.2	803.0	800.1	800.8	801.0	800.8	800.1
13.5°	797.0	796.6	796.1	799.3	800.4	799.3	796.1	796.6	797.0	796.6	796.1
14°	793.0	792.4	791.9	795.3	796.4	795.3	791.9	792.4	793.0	792.4	791.9
14.5°	789.0	787.9	787.6	791.2	792.4	791.2	787.6	787.9	789.0	787.9	787.6
15°	784.7	783.4	783.2	787.0	788.3	787.0	783.2	783.4	784.7	783.4	783.2
15.5°	780.2	778.8	778.7	782.7	784.1	782.7	778.7	778.8	780.2	778.8	778.7
16°	775.8	774.2	774.1	778.0	779.7	778.0	774.1	774.2	775.8	774.2	774.1
16.5°	771.2	769.1	769.2	773.1	775.3	773.1	769.2	769.1	771.2	769.1	769.2
17°	766.6	764.1	764.0	768.2	770.7	768.2	764.0	764.1	766.6	764.1	764.0
17.5°	761.5	759.0	758.8	762.9	766.0	762.9	758.8	759.0	761.5	759.0	758.8
18°	756.2	753.7	753.4	757.5	761.1	757.5	753.4	753.7	756.2	753.7	753.4
18.5°	750.6	748.2	747.8	752.1	755.9	752.1	747.8	748.2	750.6	748.2	747.8
19°	744.9	742.6	741.9	746.6	750.6	746.6	741.9	742.6	744.9	742.6	741.9
19.5°	738.9	736.7	735.9	740.9	745.1	740.9	735.9	736.7	738.9	736.7	735.9
20°	732.8	730.6	729.9	734.8	739.2	734.8	729.9	730.6	732.8	730.6	729.9
20.5°	726.3	724.4	723.6	728.6	732.7	728.6	723.6	724.4	726.3	724.4	723.6
21°	719.7	717.9	717.1	722.0	726.1	722.0	717.1	717.9	719.7	717.9	717.1
21.5°	712.9	711.1	710.4	715.3	719.1	715.3	710.4	711.1	712.9	711.1	710.4
22°	705.7	704.3	703.6	708.2	711.7	708.2	703.6	704.3	705.7	704.3	703.6

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	698.2	697.1	696.9	701.1	704.1	701.1	696.9	697.1	698.2	697.1	696.9
23°	690.6	689.9	689.9	693.8	696.4	693.8	689.9	689.9	690.6	689.9	689.9
23.5°	682.8	682.5	682.9	686.3	688.4	686.3	682.9	682.5	682.8	682.5	682.9
24°	674.7	675.0	675.9	678.7	680.2	678.7	675.9	675.0	674.7	675.0	675.9
24.5°	666.5	667.4	668.6	670.9	671.7	670.9	668.6	667.4	666.5	667.4	668.6
25°	658.2	659.6	661.1	662.9	663.2	662.9	661.1	659.6	658.2	659.6	661.1
25.5°	649.7	651.7	653.5	654.8	654.3	654.8	653.5	651.7	649.7	651.7	653.5
26°	641.2	643.6	645.6	646.4	645.3	646.4	645.6	643.6	641.2	643.6	645.6
26.5°	632.4	635.4	637.5	637.9	636.1	637.9	637.5	635.4	632.4	635.4	637.5
27°	623.5	626.9	629.2	629.2	626.8	629.2	629.2	626.9	623.5	626.9	629.2
27.5°	614.6	618.2	620.7	620.4	617.4	620.4	620.7	618.2	614.6	618.2	620.7
28°	605.5	609.2	611.8	611.1	607.6	611.1	611.8	609.2	605.5	609.2	611.8
28.5°	595.9	600.1	602.8	601.7	597.9	601.7	602.8	600.1	595.9	600.1	602.8
29°	586.4	590.7	593.4	592.1	588.1	592.1	593.4	590.7	586.4	590.7	593.4
29.5°	576.5	581.1	583.8	582.3	578.1	582.3	583.8	581.1	576.5	581.1	583.8
30°	566.5	571.1	573.8	572.1	567.7	572.1	573.8	571.1	566.5	571.1	573.8
30.5°	556.6	561.1	563.5	561.5	557.3	561.5	563.5	561.1	556.6	561.1	563.5
31°	546.3	550.7	552.9	550.8	546.4	550.8	552.9	550.7	546.3	550.7	552.9
31.5°	535.9	540.2	542.1	540.0	535.6	540.0	542.1	540.2	535.9	540.2	542.1
32°	525.4	529.2	530.8	528.9	524.8	528.9	530.8	529.2	525.4	529.2	530.8
32.5°	514.8	518.4	519.4	517.7	513.7	517.7	519.4	518.4	514.8	518.4	519.4
33°	504.0	506.9	507.7	506.2	502.6	506.2	507.7	506.9	504.0	506.9	507.7
33.5°	493.5	495.6	496.0	494.5	491.3	494.5	496.0	495.6	493.5	495.6	496.0
34°	482.2	483.9	483.7	482.8	480.1	482.8	483.7	483.9	482.2	483.9	483.7
34.5°	471.0	472.2	471.5	470.7	468.7	470.7	471.5	472.2	471.0	472.2	471.5
35°	459.6	459.9	458.9	458.6	457.2	458.6	458.9	459.9	459.6	459.9	458.9
35.5°	448.0	447.6	446.2	446.3	445.7	446.3	446.2	447.6	448.0	447.6	446.2
36°	435.8	435.2	433.3	434.0	434.0	434.0	433.3	435.2	435.8	435.2	433.3
36.5°	423.8	422.8	420.5	421.5	422.2	421.5	420.5	422.8	423.8	422.8	420.5
37°	411.5	410.0	407.2	409.1	409.9	409.1	407.2	410.0	411.5	410.0	407.2
37.5°	398.8	397.2	394.2	396.5	397.4	396.5	394.2	397.2	398.8	397.2	394.2
38°	385.9	384.2	381.3	383.7	384.1	383.7	381.3	384.2	385.9	384.2	381.3
38.5°	373.2	371.4	368.3	370.8	371.2	370.8	368.3	371.4	373.2	371.4	368.3
39°	360.1	357.7	355.4	357.8	358.4	357.8	355.4	357.7	360.1	357.7	355.4
39.5°	346.5	344.7	342.7	344.9	345.6	344.9	342.7	344.7	346.5	344.7	342.7
40°	333.0	331.8	329.9	331.8	332.9	331.8	329.9	331.8	333.0	331.8	329.9
40.5°	319.7	319.0	317.3	318.8	320.0	318.8	317.3	319.0	319.7	319.0	317.3
41°	306.2	306.2	304.4	305.7	306.8	305.7	304.4	306.2	306.2	306.2	304.4
41.5°	292.9	293.2	291.6	292.8	293.7	292.8	291.6	293.2	292.9	293.2	291.6
42°	279.6	280.2	279.0	280.0	280.5	280.0	279.0	280.2	279.6	280.2	279.0
42.5°	266.5	267.3	266.6	267.6	267.4	267.6	266.6	267.3	266.5	267.3	266.6
43°	253.6	254.3	254.4	255.2	254.3	255.2	254.4	254.3	253.6	254.3	254.4
43.5°	240.9	241.6	242.2	242.8	241.3	242.8	242.2	241.6	240.9	241.6	242.2
44°	228.4	228.9	230.1	230.7	228.7	230.7	230.1	228.9	228.4	228.9	230.1
44.5°	215.9	216.8	218.4	219.0	216.4	219.0	218.4	216.8	215.9	216.8	218.4

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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	203.8	204.8	206.9	207.0	204.3	207.0	206.9	204.8	203.8	204.8	206.9
45.5°	191.7	193.1	195.4	195.2	192.6	195.2	195.4	193.1	191.7	193.1	195.4
46°	180.0	181.6	183.9	183.8	181.1	183.8	183.9	181.6	180.0	181.6	183.9
46.5°	168.6	170.5	172.7	172.7	170.0	172.7	172.7	170.5	168.6	170.5	172.7
47°	157.5	159.6	161.7	161.8	159.3	161.8	161.7	159.6	157.5	159.6	161.7
47.5°	146.9	148.9	150.9	151.2	148.9	151.2	150.9	148.9	146.9	148.9	150.9
48°	136.5	138.6	140.4	140.7	138.8	140.7	140.4	138.6	136.5	138.6	140.4
48.5°	126.7	128.6	130.1	130.8	129.2	130.8	130.1	128.6	126.7	128.6	130.1
49°	117.4	119.0	120.2	121.1	119.9	121.1	120.2	119.0	117.4	119.0	120.2
49.5°	108.8	110.0	110.9	111.9	111.1	111.9	110.9	110.0	108.8	110.0	110.9
50°	100.4	101.3	102.1	103.2	102.8	103.2	102.1	101.3	100.4	101.3	102.1
50.5°	92.1	92.8	93.4	94.7	94.7	94.7	93.4	92.8	92.1	92.8	93.4
51°	84.1	84.5	84.8	86.3	86.8	86.3	84.8	84.5	84.1	84.5	84.8
51.5°	77.1	76.7	76.6	78.5	79.1	78.5	76.6	76.7	77.1	76.7	76.6
52°	70.1	69.6	69.0	71.0	71.6	71.0	69.0	69.6	70.1	69.6	69.0
52.5°	63.7	62.8	62.1	64.1	64.7	64.1	62.1	62.8	63.7	62.8	62.1
53°	57.7	56.6	55.7	57.8	58.3	57.8	55.7	56.6	57.7	56.6	55.7
53.5°	52.0	50.8	49.9	51.8	52.2	51.8	49.9	50.8	52.0	50.8	49.9
54°	46.5	45.5	44.6	46.2	46.5	46.2	44.6	45.5	46.5	45.5	44.6
54.5°	41.5	40.5	39.6	41.0	41.2	41.0	39.6	40.5	41.5	40.5	39.6
55°	36.7	35.8	35.1	36.1	36.3	36.1	35.1	35.8	36.7	35.8	35.1
55.5°	32.2	31.5	31.0	31.6	31.7	31.6	31.0	31.5	32.2	31.5	31.0
56°	28.2	27.7	27.1	27.6	27.6	27.6	27.1	27.7	28.2	27.7	27.1
56.5°	24.4	24.2	23.5	23.8	23.8	23.8	23.5	24.2	24.4	24.2	23.5
57°	20.9	20.7	20.0	20.2	20.3	20.2	20.0	20.7	20.9	20.7	20.0
57.5°	17.4	17.3	16.6	16.6	16.8	16.6	16.6	17.3	17.4	17.3	16.6
58°	13.9	13.9	13.4	13.3	13.3	13.3	13.4	13.9	13.9	13.9	13.4
58.5°	10.8	10.9	10.1	10.2	10.1	10.2	10.1	10.9	10.8	10.9	10.1
59°	7.6	7.8	7.0	7.0	7.0	7.0	7.0	7.8	7.6	7.8	7.0
59.5°	5.3	5.3	4.4	4.4	4.7	4.4	4.4	5.3	5.3	5.3	4.4
60°	3.6	3.5	3.0	2.7	3.0	2.7	3.0	3.5	3.6	3.5	3.0
60.5°	2.2	2.5	2.0	1.8	2.4	1.8	2.0	2.5	2.2	2.5	2.0
61°	1.9	2.0	1.5	1.5	1.9	1.5	1.5	2.0	1.9	2.0	1.5
61.5°	1.5	1.6	1.1	1.1	1.5	1.1	1.1	1.6	1.5	1.6	1.1
62°	1.2	1.2	0.9	0.8	1.1	0.8	0.9	1.2	1.2	1.2	0.9
62.5°	0.8	0.9	0.7	0.6	0.6	0.6	0.7	0.9	0.8	0.9	0.7
63°	0.7	0.7	0.6	0.6	0.5	0.6	0.6	0.7	0.7	0.7	0.6
63.5°	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5
64°	0.6	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.5
64.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
65°	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
65.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
66°	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3
66.5°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
67°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

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	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
68°	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
68.5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
69°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
69.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
72°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
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°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	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: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
125.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
129°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	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: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2
135.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
136°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
136.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
137°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
137.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
138°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
138.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.2	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°	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3
144.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
145°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
145.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
146°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
146.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
147°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
147.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
148°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
148.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
149°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
149.5°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
150.5°	0.3	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°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
153.5°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
154°	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
154.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
155°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
155.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
156°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
156.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
157°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
158°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
158.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
159°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
159.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
160.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
161°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
161.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
163°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
163.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
164°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
164.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
165.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
166°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
166.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
167.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
168.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
169°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
169.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
170.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
171°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
171.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
173°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
173.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
174°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
174.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
175.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
176°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
176.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
178.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
179.5°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P1590621
CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	852.4	852.4	852.4	852.4	852.4	852.4
0.5°	852.5	852.3	852.5	852.5	852.2	852.0
1°	852.3	852.1	852.3	852.4	851.9	851.8
1.5°	852.1	851.9	852.1	852.0	851.6	851.4
2°	851.7	851.6	851.7	851.6	851.1	850.9
2.5°	851.2	851.2	851.2	851.0	850.5	850.2
3°	850.5	850.7	850.5	850.2	849.7	849.5
3.5°	849.8	850.0	849.8	849.3	848.8	848.5
4°	848.8	849.3	848.8	848.3	847.8	847.4
4.5°	847.6	848.2	847.6	847.2	846.6	846.3
5°	846.3	847.1	846.3	845.8	845.2	845.0
5.5°	844.7	845.6	844.7	844.2	843.8	843.5
6°	842.9	843.9	842.9	842.5	842.2	841.8
6.5°	841.0	842.1	841.0	840.5	840.5	840.0
7°	838.8	840.0	838.8	838.4	838.5	838.1
7.5°	836.5	837.7	836.5	836.2	836.4	835.9
8°	834.0	835.4	834.0	833.8	834.1	833.5
8.5°	831.5	832.8	831.5	831.2	831.7	831.0
9°	828.7	830.1	828.7	828.4	828.9	828.3
9.5°	825.9	827.5	825.9	825.4	826.1	825.3
10°	822.9	824.5	822.9	822.2	823.0	822.4
10.5°	820.0	821.4	820.0	818.8	819.6	819.1
11°	816.8	818.2	816.8	815.4	816.2	815.7
11.5°	813.5	814.9	813.5	811.7	812.5	812.2
12°	810.1	811.4	810.1	808.0	808.8	808.6
12.5°	806.6	807.8	806.6	804.1	804.8	804.8
13°	803.0	804.2	803.0	800.1	800.8	801.0
13.5°	799.3	800.4	799.3	796.1	796.6	797.0
14°	795.3	796.4	795.3	791.9	792.4	793.0
14.5°	791.2	792.4	791.2	787.6	787.9	789.0
15°	787.0	788.3	787.0	783.2	783.4	784.7
15.5°	782.7	784.1	782.7	778.7	778.8	780.2
16°	778.0	779.7	778.0	774.1	774.2	775.8
16.5°	773.1	775.3	773.1	769.2	769.1	771.2
17°	768.2	770.7	768.2	764.0	764.1	766.6
17.5°	762.9	766.0	762.9	758.8	759.0	761.5
18°	757.5	761.1	757.5	753.4	753.7	756.2
18.5°	752.1	755.9	752.1	747.8	748.2	750.6
19°	746.6	750.6	746.6	741.9	742.6	744.9
19.5°	740.9	745.1	740.9	735.9	736.7	738.9
20°	734.8	739.2	734.8	729.9	730.6	732.8
20.5°	728.6	732.7	728.6	723.6	724.4	726.3
21°	722.0	726.1	722.0	717.1	717.9	719.7
21.5°	715.3	719.1	715.3	710.4	711.1	712.9
22°	708.2	711.7	708.2	703.6	704.3	705.7

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	701.1	704.1	701.1	696.9	697.1	698.2
23°	693.8	696.4	693.8	689.9	689.9	690.6
23.5°	686.3	688.4	686.3	682.9	682.5	682.8
24°	678.7	680.2	678.7	675.9	675.0	674.7
24.5°	670.9	671.7	670.9	668.6	667.4	666.5
25°	662.9	663.2	662.9	661.1	659.6	658.2
25.5°	654.8	654.3	654.8	653.5	651.7	649.7
26°	646.4	645.3	646.4	645.6	643.6	641.2
26.5°	637.9	636.1	637.9	637.5	635.4	632.4
27°	629.2	626.8	629.2	629.2	626.9	623.5
27.5°	620.4	617.4	620.4	620.7	618.2	614.6
28°	611.1	607.6	611.1	611.8	609.2	605.5
28.5°	601.7	597.9	601.7	602.8	600.1	595.9
29°	592.1	588.1	592.1	593.4	590.7	586.4
29.5°	582.3	578.1	582.3	583.8	581.1	576.5
30°	572.1	567.7	572.1	573.8	571.1	566.5
30.5°	561.5	557.3	561.5	563.5	561.1	556.6
31°	550.8	546.4	550.8	552.9	550.7	546.3
31.5°	540.0	535.6	540.0	542.1	540.2	535.9
32°	528.9	524.8	528.9	530.8	529.2	525.4
32.5°	517.7	513.7	517.7	519.4	518.4	514.8
33°	506.2	502.6	506.2	507.7	506.9	504.0
33.5°	494.5	491.3	494.5	496.0	495.6	493.5
34°	482.8	480.1	482.8	483.7	483.9	482.2
34.5°	470.7	468.7	470.7	471.5	472.2	471.0
35°	458.6	457.2	458.6	458.9	459.9	459.6
35.5°	446.3	445.7	446.3	446.2	447.6	448.0
36°	434.0	434.0	434.0	433.3	435.2	435.8
36.5°	421.5	422.2	421.5	420.5	422.8	423.8
37°	409.1	409.9	409.1	407.2	410.0	411.5
37.5°	396.5	397.4	396.5	394.2	397.2	398.8
38°	383.7	384.1	383.7	381.3	384.2	385.9
38.5°	370.8	371.2	370.8	368.3	371.4	373.2
39°	357.8	358.4	357.8	355.4	357.7	360.1
39.5°	344.9	345.6	344.9	342.7	344.7	346.5
40°	331.8	332.9	331.8	329.9	331.8	333.0
40.5°	318.8	320.0	318.8	317.3	319.0	319.7
41°	305.7	306.8	305.7	304.4	306.2	306.2
41.5°	292.8	293.7	292.8	291.6	293.2	292.9
42°	280.0	280.5	280.0	279.0	280.2	279.6
42.5°	267.6	267.4	267.6	266.6	267.3	266.5
43°	255.2	254.3	255.2	254.4	254.3	253.6
43.5°	242.8	241.3	242.8	242.2	241.6	240.9
44°	230.7	228.7	230.7	230.1	228.9	228.4
44.5°	219.0	216.4	219.0	218.4	216.8	215.9

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	207.0	204.3	207.0	206.9	204.8	203.8
45.5°	195.2	192.6	195.2	195.4	193.1	191.7
46°	183.8	181.1	183.8	183.9	181.6	180.0
46.5°	172.7	170.0	172.7	172.7	170.5	168.6
47°	161.8	159.3	161.8	161.7	159.6	157.5
47.5°	151.2	148.9	151.2	150.9	148.9	146.9
48°	140.7	138.8	140.7	140.4	138.6	136.5
48.5°	130.8	129.2	130.8	130.1	128.6	126.7
49°	121.1	119.9	121.1	120.2	119.0	117.4
49.5°	111.9	111.1	111.9	110.9	110.0	108.8
50°	103.2	102.8	103.2	102.1	101.3	100.4
50.5°	94.7	94.7	94.7	93.4	92.8	92.1
51°	86.3	86.8	86.3	84.8	84.5	84.1
51.5°	78.5	79.1	78.5	76.6	76.7	77.1
52°	71.0	71.6	71.0	69.0	69.6	70.1
52.5°	64.1	64.7	64.1	62.1	62.8	63.7
53°	57.8	58.3	57.8	55.7	56.6	57.7
53.5°	51.8	52.2	51.8	49.9	50.8	52.0
54°	46.2	46.5	46.2	44.6	45.5	46.5
54.5°	41.0	41.2	41.0	39.6	40.5	41.5
55°	36.1	36.3	36.1	35.1	35.8	36.7
55.5°	31.6	31.7	31.6	31.0	31.5	32.2
56°	27.6	27.6	27.6	27.1	27.7	28.2
56.5°	23.8	23.8	23.8	23.5	24.2	24.4
57°	20.2	20.3	20.2	20.0	20.7	20.9
57.5°	16.6	16.8	16.6	16.6	17.3	17.4
58°	13.3	13.3	13.3	13.4	13.9	13.9
58.5°	10.2	10.1	10.2	10.1	10.9	10.8
59°	7.0	7.0	7.0	7.0	7.8	7.6
59.5°	4.4	4.7	4.4	4.4	5.3	5.3
60°	2.7	3.0	2.7	3.0	3.5	3.6
60.5°	1.8	2.4	1.8	2.0	2.5	2.2
61°	1.5	1.9	1.5	1.5	2.0	1.9
61.5°	1.1	1.5	1.1	1.1	1.6	1.5
62°	0.8	1.1	0.8	0.9	1.2	1.2
62.5°	0.6	0.6	0.6	0.7	0.9	0.8
63°	0.6	0.5	0.6	0.6	0.7	0.7
63.5°	0.5	0.5	0.5	0.5	0.6	0.6
64°	0.4	0.4	0.4	0.5	0.5	0.6
64.5°	0.4	0.4	0.4	0.4	0.5	0.5
65°	0.3	0.3	0.3	0.4	0.4	0.4
65.5°	0.3	0.3	0.3	0.3	0.4	0.4
66°	0.3	0.2	0.3	0.3	0.3	0.3
66.5°	0.2	0.2	0.2	0.2	0.3	0.3
67°	0.2	0.2	0.2	0.2	0.3	0.3

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.2	0.2	0.2	0.2	0.2	0.2
68°	0.2	0.1	0.2	0.2	0.2	0.2
68.5°	0.1	0.1	0.1	0.2	0.2	0.2
69°	0.1	0.1	0.1	0.1	0.2	0.2
69.5°	0.1	0.1	0.1	0.1	0.1	0.2
70°	0.1	0.1	0.1	0.1	0.1	0.1
70.5°	0.1	0.1	0.1	0.1	0.1	0.1
71°	0.1	0.1	0.1	0.1	0.1	0.1
71.5°	0.1	0.1	0.1	0.1	0.1	0.1
72°	0.0	0.0	0.0	0.1	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	0.1	0.1
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: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

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

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.1	0.1	0.1	0.1	0.1	0.1
124.5°	0.1	0.1	0.1	0.1	0.1	0.1
125°	0.1	0.1	0.1	0.1	0.1	0.1
125.5°	0.1	0.1	0.1	0.1	0.1	0.1
126°	0.1	0.1	0.1	0.1	0.1	0.1
126.5°	0.1	0.1	0.1	0.1	0.1	0.1
127°	0.1	0.1	0.1	0.1	0.1	0.1
127.5°	0.1	0.1	0.1	0.1	0.1	0.1
128°	0.1	0.1	0.1	0.1	0.1	0.1
128.5°	0.1	0.1	0.1	0.1	0.1	0.1
129°	0.1	0.1	0.1	0.1	0.1	0.1
129.5°	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	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: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.2	0.1	0.2	0.2	0.2	0.2
135.5°	0.2	0.2	0.2	0.2	0.2	0.2
136°	0.2	0.2	0.2	0.2	0.2	0.2
136.5°	0.2	0.2	0.2	0.2	0.2	0.2
137°	0.2	0.2	0.2	0.2	0.2	0.2
137.5°	0.2	0.2	0.2	0.2	0.2	0.2
138°	0.2	0.2	0.2	0.2	0.2	0.2
138.5°	0.2	0.2	0.2	0.2	0.2	0.2
139°	0.2	0.2	0.2	0.2	0.2	0.2
139.5°	0.2	0.2	0.2	0.2	0.2	0.2
140°	0.2	0.2	0.2	0.2	0.2	0.2
140.5°	0.2	0.2	0.2	0.2	0.2	0.2
141°	0.2	0.2	0.2	0.2	0.2	0.2
141.5°	0.2	0.2	0.2	0.2	0.2	0.2
142°	0.2	0.2	0.2	0.2	0.2	0.2
142.5°	0.2	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°	0.3	0.2	0.3	0.3	0.3	0.3
144.5°	0.3	0.3	0.3	0.3	0.3	0.3
145°	0.3	0.3	0.3	0.3	0.3	0.3
145.5°	0.3	0.3	0.3	0.3	0.3	0.3
146°	0.3	0.3	0.3	0.3	0.3	0.3
146.5°	0.3	0.3	0.3	0.3	0.3	0.3
147°	0.3	0.3	0.3	0.3	0.3	0.3
147.5°	0.3	0.3	0.3	0.3	0.3	0.3
148°	0.3	0.3	0.3	0.3	0.3	0.3
148.5°	0.3	0.3	0.3	0.3	0.3	0.3
149°	0.3	0.3	0.3	0.3	0.3	0.3
149.5°	0.3	0.3	0.3	0.3	0.3	0.3
150°	0.3	0.3	0.3	0.3	0.3	0.3
150.5°	0.3	0.3	0.3	0.3	0.3	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	0.4	0.4
153.5°	0.3	0.3	0.3	0.3	0.4	0.4
154°	0.4	0.3	0.4	0.4	0.4	0.4
154.5°	0.4	0.4	0.4	0.4	0.4	0.4
155°	0.4	0.4	0.4	0.4	0.4	0.4
155.5°	0.4	0.4	0.4	0.4	0.4	0.4
156°	0.4	0.4	0.4	0.4	0.4	0.4
156.5°	0.4	0.4	0.4	0.4	0.4	0.4
157°	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.4	0.4	0.4	0.4	0.4	0.4
158°	0.4	0.4	0.4	0.4	0.4	0.4
158.5°	0.4	0.4	0.4	0.4	0.4	0.4
159°	0.4	0.4	0.4	0.4	0.4	0.4
159.5°	0.4	0.4	0.4	0.4	0.4	0.4
160°	0.4	0.4	0.4	0.4	0.4	0.4
160.5°	0.4	0.4	0.4	0.4	0.4	0.4
161°	0.4	0.4	0.4	0.4	0.4	0.4
161.5°	0.4	0.4	0.4	0.4	0.4	0.4
162°	0.4	0.4	0.4	0.4	0.4	0.4
162.5°	0.4	0.4	0.4	0.4	0.4	0.4
163°	0.4	0.4	0.4	0.4	0.4	0.4
163.5°	0.4	0.4	0.4	0.4	0.4	0.4
164°	0.4	0.4	0.4	0.4	0.4	0.4
164.5°	0.4	0.4	0.4	0.4	0.4	0.4
165°	0.4	0.4	0.4	0.4	0.4	0.4
165.5°	0.4	0.4	0.4	0.4	0.4	0.4
166°	0.4	0.4	0.4	0.4	0.4	0.4
166.5°	0.4	0.4	0.4	0.4	0.4	0.4
167°	0.4	0.4	0.4	0.4	0.4	0.4
167.5°	0.4	0.4	0.4	0.4	0.4	0.4
168°	0.4	0.4	0.4	0.4	0.4	0.4
168.5°	0.4	0.4	0.4	0.4	0.4	0.4
169°	0.4	0.4	0.4	0.4	0.4	0.4
169.5°	0.4	0.4	0.4	0.4	0.4	0.4
170°	0.4	0.4	0.4	0.4	0.4	0.4
170.5°	0.4	0.4	0.4	0.4	0.4	0.4
171°	0.4	0.4	0.4	0.4	0.4	0.4
171.5°	0.4	0.4	0.4	0.4	0.4	0.4
172°	0.4	0.4	0.4	0.4	0.4	0.4
172.5°	0.4	0.4	0.4	0.4	0.4	0.4
173°	0.4	0.4	0.4	0.4	0.4	0.4
173.5°	0.4	0.4	0.4	0.4	0.4	0.4
174°	0.4	0.4	0.4	0.4	0.4	0.4
174.5°	0.4	0.4	0.4	0.4	0.4	0.4
175°	0.4	0.4	0.4	0.4	0.4	0.4
175.5°	0.4	0.4	0.4	0.4	0.4	0.4
176°	0.4	0.4	0.4	0.4	0.4	0.4
176.5°	0.4	0.4	0.4	0.4	0.4	0.4
177°	0.4	0.4	0.4	0.4	0.4	0.4
177.5°	0.4	0.4	0.4	0.4	0.4	0.4
178°	0.4	0.4	0.4	0.4	0.4	0.4
178.5°	0.4	0.4	0.4	0.4	0.4	0.4
179°	0.4	0.4	0.4	0.4	0.4	0.4
179.5°	0.4	0.4	0.4	0.4	0.4	0.4



TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.4	0.4	0.4	0.4	0.4	0.4

TEST NUMBER: P1590621

CATALOG NUMBER: HCDLS510CSD6TRMW-HI-5000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	6.2	7.3	6.6	7.6	7.9	5.9	7.0	6.3	7.3	7.7
	3H	6.0	7.0	6.4	7.3	7.7	5.7	6.7	6.1	7.0	7.4
	4H	5.9	6.8	6.3	7.2	7.6	5.6	6.5	6.1	6.9	7.3
	6H	5.8	6.7	6.3	7.0	7.4	5.5	6.4	6.0	6.7	7.1
	8H	5.8	6.6	6.2	7.0	7.4	5.5	6.3	5.9	6.7	7.1
	12H	5.7	6.5	6.2	6.9	7.3	5.4	6.2	5.9	6.6	7.0
4H	2H	5.9	6.8	6.3	7.2	7.6	5.6	6.5	6.1	6.9	7.3
	3H	5.8	6.5	6.2	6.9	7.3	5.5	6.2	5.9	6.6	7.0
	4H	5.6	6.3	6.1	6.7	7.2	5.4	6.0	5.8	6.4	6.9
	6H	5.5	6.1	6.0	6.5	7.0	5.3	5.8	5.7	6.3	6.7
	8H	5.5	6.0	6.0	6.4	6.9	5.2	5.7	5.7	6.2	6.6
	12H	5.4	5.9	5.9	6.4	6.8	5.1	5.6	5.6	6.1	6.5
8H	4H	5.5	6.0	6.0	6.4	6.9	5.2	5.7	5.7	6.2	6.6
	6H	5.4	5.8	5.9	6.3	6.8	5.1	5.5	5.6	6.0	6.5
	8H	5.3	5.7	5.8	6.2	6.7	5.0	5.4	5.5	5.9	6.4
	12H	5.2	5.6	5.7	6.1	6.6	4.9	5.3	5.5	5.8	6.3
12H	4H	5.4	5.9	5.9	6.4	6.8	5.1	5.6	5.6	6.1	6.5
	6H	5.3	5.7	5.8	6.1	6.7	5.0	5.4	5.5	5.8	6.4
	8H	5.2	5.6	5.7	6.1	6.6	4.9	5.3	5.5	5.8	6.3

(END OF REPORT)