Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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: P640249

Luminaire Tested: LCR880RD9FSE040-92W-5000K

Issue Date: 2/13/2023

Report Generated By 670265710 / DESKTOP-98SHLC4

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Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P640249
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2208047E001)
Test Lab:	INNOVATION CENTER
Issue Date:	2/13/2023
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	HALO
Catalog Number:	LCR880RD9FSE040-92W-5000K
Description:	LCR 8
Light Source:	5000K CCT, 93 CRI LEDS
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8175.0 lumens
Efficiency:	N/A
Efficacy:	87.9 lumens/watt
Spacing Criteria (0/90/45):	1.16 / 1.17 / 1.26
Luminous Opening:	Circular (Dia: 0.67' x H: 0')
CIE Type:	Direct
Input Watts (W):	93
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	24 FT

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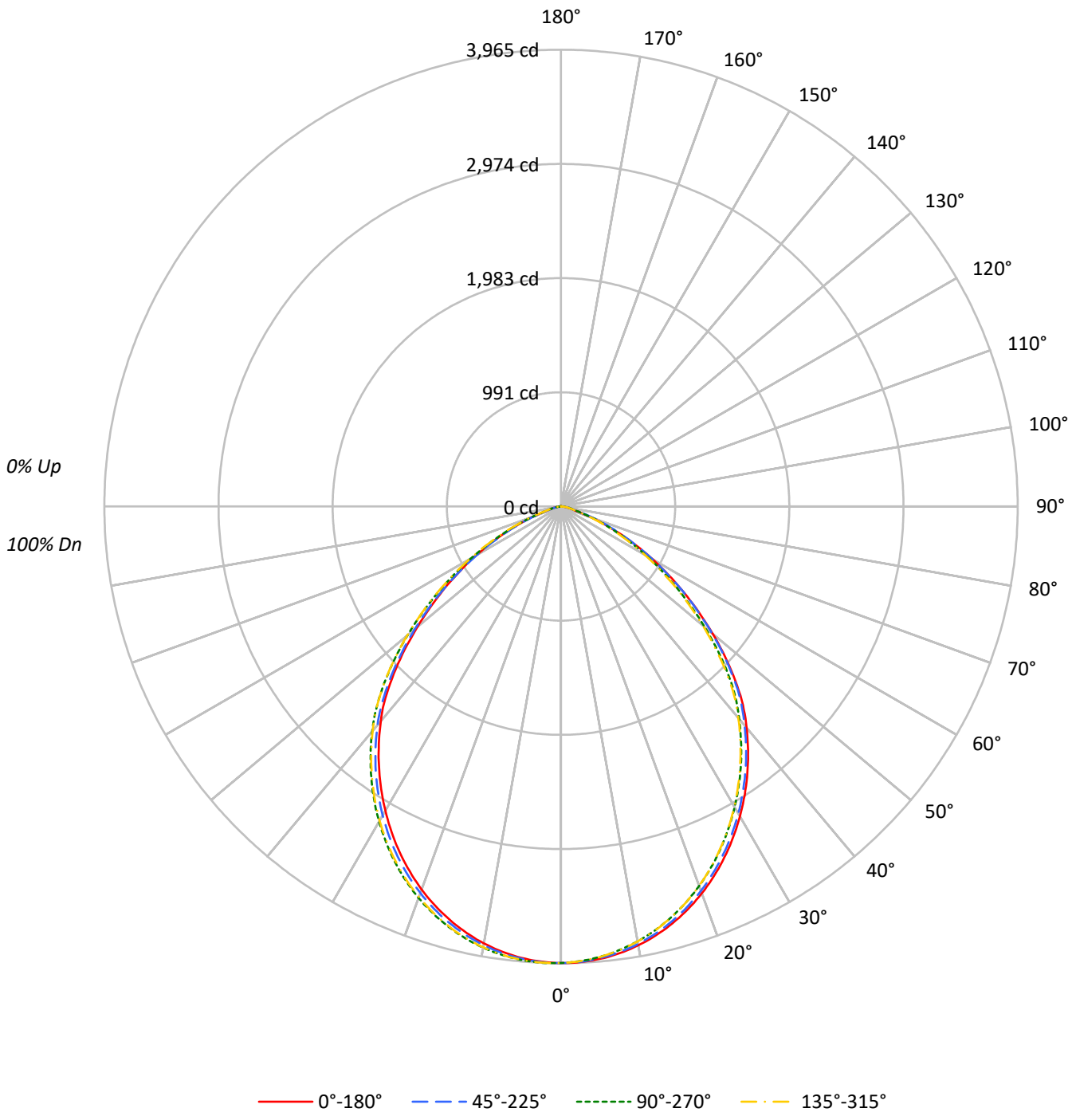
Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	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	102	102	102	100
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	80	84	81	79	77
3	95	86	79	73	92	84	78	72	81	76	71	79	74	70	76	72	69	67
4	88	77	69	63	85	76	69	63	73	67	62	71	66	61	69	64	61	59
5	81	70	62	56	79	69	61	55	67	60	55	65	59	54	63	58	54	52
6	75	63	55	49	73	62	55	49	61	54	49	59	53	48	57	52	48	46
7	70	58	50	44	68	57	49	44	55	49	44	54	48	43	53	47	43	41
8	65	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39	37
9	61	49	41	36	60	48	41	36	47	40	36	46	40	36	45	40	35	34
10	58	45	38	33	56	45	38	33	44	37	33	43	37	33	42	36	32	31

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	122214	122214	122214	122214
5°	121996	121445	121755	122331
10°	121121	120006	120592	121797
15°	119559	117877	118723	120581
20°	117295	115037	116101	118657
25°	114287	111521	112729	115968
30°	110609	107326	108597	112485
35°	106198	102501	103736	108114
40°	100880	96899	97982	102684
45°	93363	89294	89468	94641
50°	82499	78143	78167	83377
55°	70159	65756	65826	70309
60°	56813	52773	52681	55814
65°	41780	39540	37971	40050
70°	25750	26011	22567	23901
75°	13380	15012	12129	12367
80°	11010	12573	10051	10459
85°	8385	11286	6828	7961

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 292.5°
Vertical Angle: 45°
Luminance: 94859 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	373.4	4.6
10°-20°	1051.4	12.9
20°-30°	1536.0	18.8
30°-40°	1743.6	21.3
40°-50°	1612.8	19.7
50°-60°	1131.8	13.8
60°-70°	548.9	6.7
70°-80°	141.2	1.7
80°-90°	29.4	0.4
90°-100°	0.4	0.0
100°-110°	0.5	0.0
110°-120°	0.7	0.0
120°-130°	1.0	0.0
130°-140°	1.1	0.0
140°-150°	1.1	0.0
150°-160°	0.9	0.0
160°-170°	0.6	0.0
170°-180°	0.2	0.0
0°-30°	2960.8	36.2
0°-40°	4704.4	57.5
0°-60°	7448.9	91.1
0°-90°	8168.4	99.9
90°-120°	1.6	0.0
90°-150°	4.8	0.1
90°-180°	7.0	0.1
0°-180°	8175.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3963	3963	3963	3963	3963	
5°	3941	3923	3933	3952	3941	374
15°	3745	3692	3719	3777	3745	1055
25°	3359	3278	3313	3408	3359	1545
35°	2821	2723	2756	2872	2821	1761
45°	2141	2048	2052	2170	2141	1642
55°	1305	1223	1224	1308	1305	1168
65°	573	542	520	549	573	574
75°	112	126	102	104	112	141
85°	24	32	19	22	24	27
90°	2	0	0	0	2	1
95°	0	0	0	0	0	0
105°	1	0	0	0	1	1
115°	1	1	1	1	1	1
125°	1	1	1	1	1	1
135°	2	1	2	1	2	1
145°	2	2	2	2	2	1
155°	2	2	2	2	2	1
165°	2	2	2	2	2	1
175°	2	2	2	2	2	0
180°	2	2	2	2	2	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	3963.3	3963.3	3963.3	3963.3	3963.3	3963.3	3963.3	3963.3	3963.3	3963.3	3963.3
0.5°	3963.4	3963.2	3963.1	3962.4	3961.3	3961.5	3961.6	3962.2	3962.8	3963.8	3963.6
1°	3963.1	3962.3	3961.7	3961.0	3958.8	3959.2	3959.7	3960.5	3961.4	3962.9	3963.2
1.5°	*3962.4*	*3960.5*	*3960.4*	*3958.7*	*3956.6*	*3956.6*	*3956.9*	*3958.3*	*3959.3*	*3961.8*	*3962.2*
2°	3961.1	3958.5	3958.3	3956.6	3953.2	3953.5	3954.5	3955.3	3957.4	3960.1	3960.8
2.5°	3959.1	3955.7	3955.5	3953.1	3949.0	3949.5	3950.2	3952.0	3954.7	3957.9	3958.8
3°	3956.2	3953.0	3952.7	3949.3	3945.3	3945.5	3946.1	3948.1	3951.6	3955.3	3956.2
3.5°	3953.6	3949.0	3949.2	3945.3	3941.1	3940.5	3941.3	3943.8	3947.7	3952.3	3953.3
4°	3950.0	3945.1	3944.9	3940.8	3935.6	3935.0	3936.0	3939.1	3943.4	3948.7	3949.5
4.5°	3945.7	3940.7	3940.2	3935.6	3929.6	3929.3	3930.5	3933.8	3938.7	3944.3	3945.6
5°	3941.2	3935.3	3934.9	3930.2	3923.4	3922.6	3924.8	3927.9	3933.4	3939.6	3940.9
5.5°	3936.2	3929.8	3929.2	3923.8	3916.4	3915.8	3917.3	3921.3	3927.6	3934.4	3936.0
6°	3930.8	3923.8	3923.0	3916.8	3908.9	3908.4	3910.2	3914.3	3921.2	3928.6	3930.5
6.5°	3924.8	3916.8	3916.3	3910.1	3901.4	3900.5	3902.2	3907.2	3914.0	3922.2	3924.6
7°	3918.2	3910.2	3909.0	3902.7	3893.0	3892.0	3894.1	3899.1	3906.9	3915.6	3917.5
7.5°	3911.4	3902.4	3901.3	3894.6	3884.7	3882.9	3885.4	3890.6	3898.7	3908.5	3910.1
8°	3904.0	3894.5	3892.9	3885.8	3874.9	3873.7	3876.0	3882.1	3890.1	3900.8	3902.5
8.5°	3895.9	3885.4	3885.0	3876.4	3864.5	3864.3	3866.4	3872.1	3881.3	3892.2	3894.7
9°	3887.1	3876.8	3875.4	3866.3	3854.7	3853.8	3855.9	3862.3	3872.0	3883.4	3886.1
9.5°	3877.8	3866.9	3865.8	3856.3	3843.8	3842.9	3845.2	3851.1	3861.7	3874.3	3876.6
10°	3868.2	3857.0	3855.1	3846.1	3832.6	3831.3	3833.5	3840.4	3851.3	3864.0	3867.5
10.5°	3858.3	3845.8	3844.9	3835.0	3820.6	3819.4	3821.7	3829.2	3839.9	3854.0	3857.2
11°	3847.6	3834.9	3833.4	3823.2	3808.1	3806.7	3809.3	3816.8	3829.0	3843.0	3846.5
11.5°	3836.5	3823.1	3822.0	3811.1	3795.6	3793.8	3796.7	3804.2	3816.4	3831.6	3835.3
12°	3824.7	3811.5	3809.7	3798.5	3782.5	3780.5	3783.6	3791.1	3804.0	3819.9	3823.2
12.5°	3813.1	3798.2	3797.3	3785.3	3769.0	3766.8	3769.8	3777.8	3790.9	3807.6	3811.5
13°	3800.4	3785.4	3784.1	3771.6	3754.4	3752.5	3755.9	3763.9	3777.7	3795.0	3798.6
13.5°	3786.9	3771.9	3770.7	3757.7	3739.4	3737.6	3740.2	3749.4	3763.4	3781.3	3785.5
14°	3773.6	3757.9	3756.8	3743.0	3724.1	3721.7	3725.0	3734.2	3748.9	3767.7	3771.9
14.5°	3759.5	3743.7	3741.8	3728.2	3708.7	3706.0	3709.0	3718.2	3734.0	3753.3	3757.7
15°	3745.1	3728.8	3726.8	3712.9	3692.4	3689.4	3692.6	3702.3	3718.9	3737.7	3743.5
15.5°	3729.8	3712.8	3711.1	3696.3	3675.5	3672.8	3675.9	3685.8	3702.4	3722.8	3728.3
16°	3714.8	3696.9	3695.2	3680.2	3658.6	3656.1	3658.6	3669.0	3686.2	3707.0	3712.6
16.5°	3698.3	3680.8	3678.9	3662.7	3641.1	3637.8	3641.0	3651.7	3669.3	3690.7	3696.4
17°	3682.2	3664.0	3662.0	3645.8	3623.4	3620.0	3623.2	3633.9	3651.9	3674.1	3679.9
17.5°	3665.0	3646.6	3644.5	3628.3	3604.9	3601.1	3604.6	3615.2	3633.9	3656.3	3663.4
18°	3647.8	3628.6	3626.5	3609.9	3585.6	3582.3	3585.4	3596.3	3615.2	3638.4	3645.3
18.5°	3630.0	3610.0	3608.3	3591.2	3566.3	3562.8	3565.7	3576.8	3596.8	3620.2	3627.5
19°	3612.0	3591.7	3589.5	3571.5	3546.6	3542.9	3545.5	3557.8	3577.8	3602.1	3609.0
19.5°	3593.3	3572.9	3570.8	3552.2	3526.1	3522.6	3525.9	3537.3	3557.4	3583.0	3590.6
20°	3574.4	3553.5	3551.0	3532.4	3505.6	3501.7	3504.8	3516.5	3538.0	3563.2	3570.8
20.5°	3554.8	3533.2	3531.1	3512.0	3484.9	3480.3	3483.5	3495.5	3516.9	3543.2	3551.1
21°	3534.4	3512.8	3510.7	3491.2	3463.5	3458.9	3461.7	3474.1	3496.3	3523.2	3531.2
21.5°	3514.0	3492.6	3489.9	3469.4	3441.7	3436.9	3439.9	3452.0	3474.1	3501.4	3510.5
22°	3493.2	3471.1	3468.2	3448.3	3418.9	3414.4	3418.0	3429.5	3452.7	3480.4	3488.9

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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°	3472.0	3449.6	3446.8	3426.0	3396.3	3391.7	3394.6	3407.0	3429.8	3458.9	3467.9
23°	3450.4	3427.8	3425.0	3403.8	3373.7	3368.7	3371.2	3384.2	3408.0	3437.5	3445.5
23.5°	3428.2	3404.9	3403.0	3380.5	3350.7	3345.0	3347.7	3360.7	3384.3	3414.0	3423.1
24°	3405.8	3381.8	3380.2	3357.4	3326.6	3321.4	3324.0	3336.7	3360.9	3390.9	3400.2
24.5°	3382.4	3358.7	3356.8	3334.1	3302.0	3296.9	3299.6	3312.6	3337.0	3367.5	3377.3
25°	3359.0	3335.4	3332.9	3310.1	3277.7	3272.2	3274.7	3287.7	3313.2	3343.9	3353.4
25.5°	3335.8	3311.2	3309.1	3285.2	3252.7	3247.3	3249.9	3262.8	3288.2	3320.0	3329.7
26°	3311.9	3286.9	3284.7	3260.8	3228.2	3222.0	3224.6	3237.9	3263.0	3295.1	3305.2
26.5°	3287.4	3262.8	3259.6	3236.3	3202.2	3196.4	3198.5	3211.9	3237.8	3270.3	3280.7
27°	3262.5	3237.7	3235.0	3210.8	3175.8	3170.2	3172.2	3185.9	3212.3	3244.9	3255.2
27.5°	3236.9	3212.4	3209.7	3184.5	3149.9	3143.9	3145.7	3159.8	3185.7	3219.7	3229.8
28°	3211.6	3186.3	3184.1	3159.3	3123.4	3117.4	3118.8	3132.9	3159.0	3193.3	3203.6
28.5°	3185.9	3160.1	3157.6	3132.2	3096.8	3089.8	3091.8	3105.4	3132.3	3166.2	3177.1
29°	3159.6	3133.9	3131.6	3105.9	3069.0	3062.6	3064.6	3078.4	3105.5	3139.6	3150.1
29.5°	3133.3	3107.5	3105.4	3079.1	3042.3	3035.0	3036.8	3050.9	3077.9	3112.8	3123.0
30°	3106.4	3080.2	3077.7	3051.8	3014.2	3007.1	3008.8	3022.9	3049.9	3085.1	3095.9
30.5°	3079.7	3053.2	3050.8	3024.3	2986.3	2978.9	2980.6	2994.5	3021.8	3057.2	3068.2
31°	3052.4	3025.4	3023.4	2996.4	2958.3	2950.4	2952.2	2965.8	2993.3	3029.1	3039.7
31.5°	3024.0	2997.4	2995.2	2968.5	2929.4	2921.5	2923.0	2937.0	2964.3	3000.8	3011.4
32°	2995.8	2968.7	2967.1	2939.8	2901.7	2892.7	2893.7	2908.0	2935.5	2972.2	2982.8
32.5°	2968.0	2941.1	2939.3	2911.2	2871.9	2863.9	2864.8	2879.1	2906.8	2943.5	2954.0
33°	2938.6	2911.9	2909.9	2882.9	2842.7	2834.3	2835.2	2848.9	2877.5	2913.5	2924.3
33.5°	2910.4	2882.9	2881.2	2853.6	2813.2	2804.7	2806.0	2818.7	2847.6	2884.1	2894.3
34°	2880.9	2853.3	2851.9	2824.3	2783.1	2774.9	2775.3	2788.8	2817.3	2854.1	2864.1
34.5°	2850.9	2823.8	2822.6	2794.7	2753.7	2744.9	2745.1	2758.2	2786.4	2823.7	2833.7
35°	2821.1	2794.3	2792.6	2765.1	2722.9	2713.9	2714.2	2727.6	2755.7	2793.6	2803.4
35.5°	2791.2	2763.8	2762.5	2733.9	2693.1	2683.0	2684.0	2696.5	2724.9	2762.1	2772.4
36°	2761.1	2733.6	2732.2	2704.1	2662.1	2652.5	2652.3	2665.6	2694.1	2731.0	2740.8
36.5°	2729.9	2703.0	2701.7	2673.2	2631.1	2621.5	2620.9	2634.2	2662.5	2699.4	2708.6
37°	2698.5	2672.0	2671.0	2642.7	2599.5	2589.6	2589.3	2602.1	2630.0	2667.4	2676.8
37.5°	2667.3	2640.6	2639.3	2611.0	2568.3	2558.3	2557.5	2570.4	2598.2	2636.2	2644.5
38°	2635.7	2608.1	2607.8	2579.3	2535.9	2525.7	2524.9	2537.9	2565.9	2602.9	2612.2
38.5°	2604.0	2576.5	2576.1	2547.5	2504.4	2494.8	2493.8	2505.2	2533.5	2570.4	2578.7
39°	2571.6	2545.1	2544.5	2515.7	2471.8	2461.7	2460.8	2472.8	2501.1	2537.8	2545.9
39.5°	2538.9	2512.6	2512.8	2484.2	2440.5	2429.5	2428.0	2439.9	2467.5	2505.4	2512.6
40°	2506.1	2479.9	2480.1	2451.7	2407.2	2396.7	2394.7	2407.2	2434.1	2471.5	2478.8
40.5°	2473.7	2446.8	2447.4	2418.3	2374.8	2364.6	2362.4	2373.2	2401.0	2437.5	2444.5
41°	2441.0	2414.3	2414.8	2386.1	2342.0	2331.9	2329.0	2339.6	2367.0	2402.6	2408.2
41.5°	2406.9	2381.3	2382.3	2353.3	2309.2	2298.4	2295.7	2306.3	2332.4	2367.4	2370.0
42°	2373.1	2347.6	2349.4	2320.4	2275.5	2264.9	2260.9	2269.8	2293.6	2328.4	2331.4
42.5°	2337.7	2313.8	2315.3	2286.9	2241.5	2229.9	2224.5	2231.9	2255.2	2289.9	2291.7
43°	2300.3	2276.1	2281.3	2252.3	2205.0	2192.5	2186.2	2193.2	2215.5	2250.4	2251.5
43.5°	2262.0	2237.4	2245.8	2216.6	2166.8	2154.6	2147.5	2153.2	2177.2	2210.0	2209.9
44°	2221.7	2198.2	2206.9	2178.1	2127.8	2113.7	2105.7	2111.6	2133.8	2168.1	2169.1
44.5°	2181.7	2158.3	2166.6	2139.4	2088.1	2073.9	2065.6	2070.4	2093.5	2128.2	2127.7

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	2140.9	2116.8	2126.9	2098.9	2047.6	2033.7	2023.5	2029.0	2051.6	2085.7	2085.8
45.5°	2100.4	2075.9	2086.4	2059.7	2007.0	1992.2	1981.8	1987.6	2010.7	2044.2	2043.7
46°	2058.9	2033.6	2044.1	2017.8	1965.9	1950.3	1940.4	1945.1	1967.8	2001.6	2001.4
46.5°	2016.2	1992.9	2004.8	1976.1	1924.5	1907.7	1898.8	1903.1	1925.7	1960.0	1958.2
47°	1974.4	1951.2	1962.1	1934.1	1882.4	1866.2	1856.7	1860.8	1883.5	1916.8	1916.2
47.5°	1932.1	1908.3	1920.4	1892.4	1839.7	1824.2	1814.5	1818.7	1841.2	1873.8	1872.6
48°	1890.2	1866.2	1878.7	1849.9	1798.2	1781.2	1772.3	1776.3	1797.9	1830.6	1829.6
48.5°	1847.7	1823.6	1836.9	1808.9	1756.3	1740.0	1731.1	1734.7	1755.9	1789.5	1786.5
49°	1805.2	1782.4	1794.1	1765.8	1713.7	1698.0	1689.1	1693.2	1713.2	1746.1	1742.7
49.5°	1762.3	1740.8	1752.0	1724.1	1671.4	1656.3	1646.8	1651.6	1671.0	1703.2	1700.0
50°	1719.7	1697.5	1710.0	1681.4	1628.9	1614.7	1605.3	1609.9	1629.4	1660.7	1656.4
50.5°	1677.3	1654.5	1668.3	1640.2	1586.9	1572.0	1564.0	1567.6	1587.8	1618.0	1613.8
51°	1635.4	1613.9	1626.1	1597.3	1545.3	1532.0	1523.2	1526.9	1546.3	1575.3	1571.1
51.5°	1592.9	1571.5	1584.8	1555.9	1503.8	1489.9	1482.2	1486.5	1504.8	1533.4	1528.8
52°	1551.5	1531.2	1541.8	1514.0	1462.6	1449.4	1441.2	1446.3	1463.6	1492.0	1484.9
52.5°	1510.0	1489.3	1501.6	1473.6	1421.3	1408.0	1400.5	1405.6	1422.7	1450.3	1443.1
53°	1468.4	1448.0	1460.4	1432.7	1381.1	1367.3	1361.2	1365.3	1382.7	1408.8	1401.3
53.5°	1426.5	1406.5	1419.3	1391.6	1341.5	1327.7	1321.2	1325.4	1342.7	1367.6	1358.4
54°	1385.0	1366.6	1378.5	1350.5	1301.4	1288.0	1281.1	1286.6	1302.3	1326.3	1317.5
54.5°	1344.3	1326.1	1337.2	1310.9	1261.2	1248.9	1241.7	1247.5	1263.0	1285.9	1275.8
55°	1305.0	1286.5	1298.0	1271.7	1223.1	1209.6	1204.1	1209.4	1224.4	1246.1	1234.6
55.5°	1264.3	1246.7	1258.3	1232.5	1184.2	1170.6	1164.5	1170.1	1185.3	1205.3	1193.8
56°	1225.4	1207.6	1218.8	1192.4	1146.2	1133.4	1127.0	1132.1	1147.2	1166.0	1152.6
56.5°	1185.6	1168.6	1180.0	1153.8	1107.8	1094.7	1088.8	1094.5	1108.6	1126.7	1112.8
57°	1146.5	1130.4	1140.6	1116.4	1071.1	1058.0	1052.5	1057.7	1070.9	1088.1	1073.4
57.5°	1107.2	1091.1	1102.0	1078.3	1033.2	1020.0	1014.8	1020.7	1033.9	1050.1	1034.0
58°	1070.1	1053.4	1064.4	1041.0	997.2	985.4	979.1	983.7	997.6	1011.7	995.5
58.5°	1032.3	1016.1	1027.4	1003.9	962.0	948.8	943.7	948.3	961.0	974.4	956.1
59°	994.3	979.1	990.1	967.1	925.9	913.6	907.7	913.7	925.1	938.3	918.2
59.5°	957.3	942.4	953.6	931.6	890.7	878.4	872.2	878.1	889.4	901.2	880.9
60°	921.2	906.3	917.1	896.4	855.7	844.6	837.8	842.7	854.2	865.1	844.4
60.5°	884.9	870.1	881.8	861.7	822.4	809.7	804.6	808.8	820.0	829.4	808.1
61°	849.2	835.0	846.4	826.5	789.4	777.9	772.4	776.5	787.0	795.1	773.6
61.5°	813.8	800.6	811.8	792.5	757.1	746.1	740.1	744.2	753.2	761.1	739.1
62°	779.0	766.2	777.5	759.8	724.8	714.3	707.8	711.9	719.4	727.2	704.6
62.5°	744.9	732.0	743.8	726.4	692.5	682.5	675.5	679.6	685.6	693.3	670.1
63°	710.3	698.8	711.0	694.5	660.3	650.7	643.3	647.4	651.8	659.4	635.6
63.5°	675.6	666.2	678.5	662.9	631.1	619.8	613.2	615.7	618.3	627.2	602.1
64°	640.2	633.8	646.7	631.8	600.3	589.9	583.0	585.3	584.5	595.2	569.6
64.5°	606.3	601.3	614.7	600.7	570.9	560.2	553.3	555.2	551.7	562.4	539.4
65°	572.6	570.2	584.4	571.8	541.9	532.6	524.5	525.8	520.4	530.9	507.2
65.5°	539.4	539.1	554.6	542.3	513.5	503.5	495.9	495.3	488.9	499.1	476.6
66°	506.6	508.3	525.1	513.5	485.3	476.0	468.7	466.2	458.6	469.0	446.9
66.5°	474.7	478.5	495.7	485.6	458.0	448.8	441.0	437.6	429.5	438.6	419.5
67°	444.4	449.2	468.5	458.6	431.8	423.6	415.0	409.8	401.8	410.3	390.7

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	415.5	420.5	440.7	431.3	406.0	397.3	389.9	382.2	374.0	382.0	363.5
68°	387.2	393.3	414.2	405.8	380.9	372.5	364.7	355.9	347.3	355.7	337.6
68.5°	359.1	366.8	388.2	380.7	356.9	348.8	341.3	331.1	321.9	329.7	312.9
69°	336.0	340.4	363.2	356.2	333.1	325.6	318.0	307.3	297.3	305.1	287.7
69.5°	310.9	317.1	338.5	338.0	310.4	303.2	295.4	284.3	273.0	281.1	264.8
70°	285.6	293.9	316.3	314.9	288.5	281.4	274.6	262.4	250.3	258.3	242.3
70.5°	260.4	270.6	294.0	291.7	267.7	261.0	253.6	241.8	229.2	236.2	221.6
71°	235.1	247.4	271.8	268.6	247.8	241.5	234.4	222.4	209.1	215.9	201.4
71.5°	214.5	227.3	249.5	245.4	228.2	222.6	215.5	203.9	189.6	196.7	183.3
72°	195.1	208.0	230.2	226.0	210.1	204.8	198.1	186.6	171.9	178.6	166.0
72.5°	177.0	190.3	211.7	208.3	193.0	188.1	181.6	170.6	155.5	161.9	150.6
73°	160.1	173.8	194.4	191.3	177.0	172.3	166.1	155.5	140.3	146.9	136.1
73.5°	144.3	158.6	177.7	175.0	162.5	158.0	152.0	142.0	128.1	133.6	124.2
74°	131.2	145.0	163.0	160.5	148.8	144.9	139.2	129.9	118.5	122.0	113.4
74.5°	121.7	133.2	149.1	147.6	136.7	133.1	127.4	119.1	109.0	111.7	104.6
75°	112.3	122.0	136.7	135.6	126.0	122.4	117.1	109.8	101.8	103.1	98.2
75.5°	104.7	112.6	125.7	125.0	116.6	113.2	108.3	101.7	96.7	96.6	93.5
76°	99.1	104.1	116.0	115.6	108.6	105.5	101.2	95.7	91.8	91.6	88.8
76.5°	94.1	98.0	107.5	107.4	102.3	99.8	96.3	90.8	87.3	87.0	84.3
77°	89.1	92.8	101.0	101.4	97.2	95.2	91.7	86.3	82.7	82.4	79.9
77.5°	84.6	88.1	96.1	96.6	92.8	90.7	87.3	81.8	78.2	77.9	75.5
78°	79.9	83.3	91.5	92.1	88.3	86.4	83.0	77.2	73.6	73.3	71.1
78.5°	75.2	78.7	87.0	87.5	83.9	82.0	78.6	72.7	69.1	68.7	66.9
79°	70.7	74.1	82.4	83.1	79.5	77.7	74.2	68.1	64.8	64.5	62.8
79.5°	66.3	69.7	77.9	78.7	75.2	73.4	69.9	63.9	60.7	60.3	58.7
80°	62.0	65.2	73.5	74.4	70.8	69.1	65.7	59.6	56.6	56.2	54.8
80.5°	57.8	61.0	69.2	70.2	66.7	65.0	61.6	55.5	52.6	52.2	50.8
81°	53.7	56.7	65.1	66.1	62.6	61.0	57.6	51.5	48.6	48.2	46.9
81.5°	49.5	52.6	60.9	61.9	58.4	57.0	53.4	47.6	44.6	44.3	43.2
82°	45.5	48.4	56.7	57.8	54.5	53.1	49.5	43.6	40.8	40.4	39.5
82.5°	41.6	44.4	52.7	53.9	50.6	49.2	45.7	39.9	37.1	36.6	35.9
83°	37.8	40.4	48.8	50.0	46.8	45.3	41.8	35.9	33.3	32.8	32.4
83.5°	33.9	36.6	44.8	46.1	43.0	41.6	38.1	32.3	29.6	29.2	28.9
84°	30.5	33.2	41.0	42.3	39.2	37.9	34.4	28.6	26.1	25.6	25.7
84.5°	27.1	29.7	37.3	38.5	35.5	34.3	30.8	25.2	22.6	22.5	22.4
85°	23.7	26.2	33.5	34.9	31.9	30.6	27.3	21.8	19.3	19.6	19.2
85.5°	20.2	22.7	30.1	31.4	28.3	27.1	23.9	18.7	16.5	16.4	16.1
86°	16.8	19.2	26.7	27.9	24.8	23.6	20.6	15.8	13.6	13.4	13.1
86.5°	13.9	15.9	23.3	24.4	21.4	20.2	17.4	13.3	11.3	11.0	10.2
87°	11.0	13.1	20.0	20.9	18.0	16.8	14.4	10.8	9.0	8.6	7.3
87.5°	8.7	10.6	16.7	17.4	14.8	13.7	11.4	8.3	6.6	6.3	4.4
88°	6.5	8.1	13.5	14.0	11.6	10.6	8.4	5.7	4.3	3.9	1.4
88.5°	4.3	5.7	10.5	10.8	8.4	7.5	5.4	3.2	2.0	1.6	0.3
89°	3.5	3.3	7.3	7.6	5.2	4.4	2.5	1.2	0.7	0.5	0.3
89.5°	2.7	2.6	4.3	4.4	2.0	1.3	0.6	0.6	0.5	0.4	0.3

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	1.9	1.9	3.5	3.5	0.4	0.3	0.4	0.6	0.4	0.4	0.3
90.5°	1.1	1.2	2.7	2.7	0.3	0.3	0.4	0.6	0.3	0.4	0.3
91°	0.3	0.5	1.9	2.0	0.3	0.3	0.4	0.5	0.3	0.4	0.3
91.5°	0.3	0.5	1.2	1.2	0.3	0.3	0.4	0.5	0.3	0.4	0.3
92°	0.3	0.4	0.4	0.4	0.3	0.3	0.4	0.5	0.3	0.4	0.3
92.5°	0.3	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3
93°	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
93.5°	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
94°	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3
94.5°	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3
95°	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3
95.5°	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3
96°	0.4	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3
96.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.3	0.3
97°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3
97.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3
98°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.3
98.5°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.3
99°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.3
99.5°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.3
100°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.3
100.5°	0.5	0.5	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3
101°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
101.5°	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4
102°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
102.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
103°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
103.5°	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
104°	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
104.5°	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
105°	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
105.5°	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
106°	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.4	0.4
106.5°	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.5	0.4	0.4
107°	0.6	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.5	0.5	0.4
107.5°	0.7	0.6	0.6	0.6	0.4	0.4	0.4	0.4	0.5	0.5	0.4
108°	0.7	0.6	0.6	0.6	0.4	0.4	0.4	0.5	0.5	0.5	0.4
108.5°	0.7	0.6	0.6	0.6	0.4	0.4	0.4	0.5	0.5	0.5	0.4
109°	0.7	0.7	0.6	0.6	0.4	0.4	0.4	0.5	0.5	0.5	0.4
109.5°	0.7	0.7	0.6	0.6	0.5	0.4	0.5	0.5	0.6	0.5	0.5
110°	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.5
110.5°	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.5
111°	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.6	0.5	0.5
111.5°	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.6	0.5	0.5
112°	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0.5	0.6	0.6	0.5

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.8	0.8	0.7	0.7	0.5	0.5	0.5	0.6	0.6	0.6	0.5
113°	0.8	0.8	0.7	0.7	0.5	0.5	0.5	0.6	0.6	0.6	0.5
113.5°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.6	0.6
114°	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.6	0.6
114.5°	0.9	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.7	0.6	0.6
115°	0.9	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.7	0.7	0.6
115.5°	0.9	0.8	0.8	0.8	0.6	0.6	0.6	0.7	0.7	0.7	0.6
116°	0.9	0.9	0.8	0.8	0.6	0.6	0.7	0.7	0.7	0.7	0.6
116.5°	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.7	0.7
117°	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.8	0.7	0.7
117.5°	1.0	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.8	0.8	0.7
118°	1.0	0.9	0.9	0.9	0.7	0.7	0.7	0.7	0.8	0.8	0.7
118.5°	1.0	1.0	0.9	0.9	0.7	0.7	0.7	0.8	0.8	0.8	0.7
119°	1.0	1.0	0.9	0.9	0.7	0.7	0.8	0.8	0.9	0.8	0.8
119.5°	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.8	0.8
120°	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.8
120.5°	1.1	1.0	1.0	1.0	0.8	0.8	0.8	0.8	0.9	0.9	0.8
121°	1.1	1.0	1.0	1.0	0.8	0.8	0.8	0.9	0.9	0.9	0.8
121.5°	1.1	1.1	1.0	1.0	0.8	0.8	0.8	0.9	1.0	0.9	0.8
122°	1.1	1.1	1.0	1.0	0.9	0.8	0.9	0.9	1.0	0.9	0.9
122.5°	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	1.0	0.9	0.9
123°	1.2	1.1	1.0	1.0	0.9	0.9	0.9	0.9	1.0	1.0	0.9
123.5°	1.2	1.1	1.1	1.1	0.9	0.9	0.9	1.0	1.0	1.0	0.9
124°	1.2	1.2	1.1	1.1	0.9	0.9	0.9	1.0	1.1	1.0	0.9
124.5°	1.2	1.2	1.1	1.1	0.9	0.9	1.0	1.0	1.1	1.0	1.0
125°	1.2	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0
125.5°	1.3	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.0
126°	1.3	1.2	1.2	1.1	1.0	1.0	1.0	1.1	1.1	1.1	1.0
126.5°	1.3	1.3	1.2	1.2	1.0	1.0	1.0	1.1	1.2	1.1	1.0
127°	1.3	1.3	1.2	1.2	1.0	1.0	1.1	1.1	1.2	1.1	1.1
127.5°	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.1	1.1
128°	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.2	1.1
128.5°	1.4	1.3	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.1
129°	1.4	1.4	1.3	1.3	1.1	1.1	1.1	1.2	1.3	1.2	1.1
129.5°	1.4	1.4	1.3	1.3	1.1	1.1	1.2	1.2	1.3	1.2	1.1
130°	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.2
130.5°	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.2
131°	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.3	1.2
131.5°	1.5	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.4	1.3	1.2
132°	1.5	1.5	1.4	1.4	1.2	1.2	1.3	1.3	1.4	1.3	1.2
132.5°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.3
133°	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4	1.3
133.5°	1.6	1.5	1.4	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.3
134°	1.6	1.5	1.4	1.4	1.3	1.3	1.3	1.4	1.5	1.4	1.3
134.5°	1.6	1.5	1.4	1.5	1.3	1.3	1.4	1.4	1.5	1.4	1.3

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.4
135.5°	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.4
136°	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.4
136.5°	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.5	1.6	1.5	1.4
137°	1.7	1.6	1.5	1.5	1.4	1.4	1.4	1.5	1.6	1.5	1.4
137.5°	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.4
138°	1.7	1.6	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.5
138.5°	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.5
139°	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.7	1.6	1.5
139.5°	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.6	1.7	1.6	1.5
140°	1.7	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.7	1.7	1.6
140.5°	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.6
141°	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.6
141.5°	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.6
142°	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.6
142.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7
143°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7
143.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7
144°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9	1.7	1.7
144.5°	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.8	1.8
145°	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.8	1.8
145.5°	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.8	1.8
146°	1.8	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.8	1.8
146.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.8	1.8
147°	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9
147.5°	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9
148°	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9
148.5°	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9
149°	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0	1.9	1.9
149.5°	1.9	1.9	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.0
150°	1.9	1.9	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0
150.5°	1.9	1.9	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0
151°	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
151.5°	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.0
152°	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.0
152.5°	1.9	1.9	1.9	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
153°	1.9	1.9	1.9	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
153.5°	1.9	1.9	1.9	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1
154°	1.9	1.9	1.9	1.9	2.1	2.1	2.1	2.1	2.2	2.1	2.1
154.5°	1.9	1.9	1.9	1.9	2.1	2.1	2.1	2.2	2.2	2.2	2.1
155°	1.9	1.9	1.9	1.9	2.1	2.1	2.2	2.2	2.2	2.2	2.2
155.5°	1.9	2.0	1.9	1.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2
156°	2.0	2.0	1.9	1.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2
156.5°	2.0	2.0	1.9	1.9	2.2	2.2	2.2	2.2	2.2	2.2	2.2
157°	2.0	2.0	1.9	1.9	2.2	2.2	2.2	2.2	2.3	2.2	2.2

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	2.0	2.0	1.9	1.9	2.2	2.2	2.2	2.3	2.3	2.3	2.3
158°	2.0	2.0	1.9	1.9	2.2	2.2	2.2	2.3	2.3	2.3	2.3
158.5°	2.0	2.0	1.9	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3
159°	2.0	2.0	1.9	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3
159.5°	2.0	2.0	2.0	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3
160°	2.0	2.0	2.0	1.9	2.3	2.3	2.3	2.3	2.3	2.3	2.3
160.5°	2.0	2.0	2.0	1.9	2.3	2.3	2.3	2.3	2.4	2.3	2.3
161°	2.0	2.0	2.0	1.9	2.3	2.3	2.3	2.4	2.4	2.4	2.3
161.5°	2.0	2.0	2.0	1.9	2.3	2.3	2.3	2.4	2.4	2.4	2.4
162°	2.0	2.0	2.0	1.9	2.3	2.3	2.3	2.4	2.4	2.4	2.4
162.5°	2.0	2.0	2.0	1.9	2.3	2.3	2.4	2.4	2.4	2.4	2.4
163°	2.0	2.0	2.0	1.9	2.3	2.3	2.4	2.4	2.4	2.4	2.4
163.5°	2.0	2.0	2.0	1.9	2.3	2.3	2.4	2.4	2.4	2.4	2.4
164°	2.0	2.0	2.0	1.9	2.3	2.3	2.4	2.4	2.4	2.4	2.4
164.5°	2.0	2.0	2.0	1.9	2.3	2.3	2.4	2.4	2.4	2.4	2.4
165°	2.0	2.0	2.0	1.9	2.3	2.3	2.4	2.4	2.4	2.4	2.4
165.5°	2.0	2.0	2.0	1.9	2.3	2.4	2.4	2.4	2.4	2.4	2.4
166°	2.0	2.0	2.0	1.9	2.3	2.4	2.4	2.4	2.4	2.4	2.4
166.5°	2.0	2.0	2.0	1.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4
167°	2.0	2.0	2.0	1.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4
167.5°	2.0	2.0	2.0	1.9	2.4	2.4	2.4	2.4	2.4	2.4	2.4
168°	2.0	2.0	2.0	2.0	2.3	2.4	2.4	2.4	2.4	2.4	2.4
168.5°	2.0	2.0	2.0	2.0	2.3	2.4	2.4	2.4	2.4	2.4	2.4
169°	2.0	2.0	2.0	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
169.5°	2.0	2.0	2.0	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
170°	2.0	2.0	2.0	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
170.5°	2.1	2.1	2.0	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
171°	2.1	2.1	2.0	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
171.5°	2.1	2.1	2.1	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
172°	2.1	2.1	2.1	2.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
172.5°	2.1	2.1	2.1	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
173°	2.1	2.1	2.1	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
173.5°	2.1	2.1	2.1	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
174°	2.1	2.1	2.1	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
174.5°	2.1	2.1	2.1	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
175°	2.1	2.1	2.1	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
175.5°	2.2	2.2	2.1	2.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
176°	2.2	2.2	2.2	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4
176.5°	2.2	2.2	2.2	2.2	2.5	2.5	2.4	2.4	2.4	2.4	2.4
177°	2.2	2.2	2.2	2.2	2.4	2.5	2.4	2.4	2.4	2.4	2.4
177.5°	2.3	2.3	2.2	2.2	2.4	2.4	2.4	2.4	2.4	2.4	2.4
178°	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
178.5°	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
179°	2.4	2.4	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
179.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	3963.3	3963.3	*3963.3*	3963.3	3963.3	3963.3
0.5°	3963.9	3964.5	*3964.5*	3964.3	3963.9	3963.4
1°	3963.8	3965.0	*3965.4*	3964.9	3964.0	3963.1
1.5°	*3963.5*	*3965.2*	*3965.5*	*3964.8*	*3963.7*	*3962.4*
2°	3962.5	3964.8	*3965.2*	3964.2	3963.1	3961.1
2.5°	3960.9	3963.9	*3964.1*	3963.5	3961.7	3959.1
3°	3959.0	3962.5	*3962.5*	3961.9	3960.0	3956.2
3.5°	3956.4	3960.4	*3960.6*	3959.7	3957.3	3953.6
4°	3953.0	3958.3	*3958.1*	3957.3	3954.4	3950.0
4.5°	3949.6	3955.5	*3955.1*	3953.9	3950.9	3945.7
5°	3945.7	3952.0	*3951.9*	3950.6	3946.8	3941.2
5.5°	3941.0	3948.1	*3948.2*	3946.5	3942.0	3936.2
6°	3935.7	3943.6	*3943.7*	3941.8	3937.0	3930.8
6.5°	3929.9	3938.7	*3938.8*	3936.7	3931.4	3924.8
7°	3924.2	3933.1	*3933.3*	3931.0	3925.6	3918.2
7.5°	3917.2	3926.9	*3927.5*	3924.8	3919.3	3911.4
8°	3910.3	3920.6	*3921.2*	3918.2	3912.2	3904.0
8.5°	3902.9	3913.6	*3913.9*	3910.8	3904.4	3895.9
9°	3894.6	3906.3	*3906.1*	3903.2	3896.1	3887.1
9.5°	3886.1	3898.3	*3897.9*	3894.5	3887.7	3877.8
10°	3877.0	3889.8	*3889.7*	3886.0	3878.6	3868.2
10.5°	3867.5	3880.5	*3880.3*	3877.2	3868.9	3858.3
11°	3857.3	3870.9	*3871.1*	3867.1	3859.2	3847.6
11.5°	3846.7	3860.9	*3860.8*	3857.3	3848.4	3836.5
12°	3835.5	3850.3	*3850.4*	3846.6	3837.3	3824.7
12.5°	3823.9	3839.6	*3838.5*	3835.2	3825.8	3813.1
13°	3811.9	3827.9	*3827.4*	3823.5	3813.6	3800.4
13.5°	3799.6	3815.8	*3815.0*	3811.5	3800.9	3786.9
14°	3786.1	3803.8	*3802.8*	3798.5	3787.8	3773.6
14.5°	3773.1	3790.5	*3789.2*	3785.4	3773.8	3759.5
15°	3758.4	3777.1	*3776.4*	3771.6	3760.3	3745.1
15.5°	3744.1	3762.2	*3762.1*	3757.4	3745.1	3729.8
16°	3728.7	3748.6	*3747.5*	3742.6	3730.1	3714.8
16.5°	3713.4	3733.6	*3733.0*	3727.1	3714.6	3698.3
17°	3697.3	3718.1	*3717.6*	3711.4	3699.0	3682.2
17.5°	3681.5	3701.6	*3701.9*	3695.6	3682.1	3665.0
18°	3663.7	3686.1	*3685.5*	3679.1	3665.3	3647.8
18.5°	3646.0	3668.9	*3668.3*	3661.7	3647.8	3630.0
19°	3628.6	3652.0	*3651.1*	3644.0	3630.2	3612.0
19.5°	3610.4	3633.3	*3633.3*	3626.3	3612.0	3593.3
20°	3591.2	3615.9	*3615.4*	3608.0	3593.5	3574.4
20.5°	3572.1	3596.9	*3596.5*	3589.1	3573.5	3554.8
21°	3552.0	3578.1	*3577.3*	3569.8	3554.0	3534.4
21.5°	3532.8	3557.1	*3557.6*	3549.6	3533.9	3514.0
22°	3511.7	3537.9	*3537.6*	3529.3	3513.2	3493.2

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	3490.4	3517.5	*3517.5*	3508.9	3492.7	3472.0
23°	3469.1	3496.3	*3496.5*	3487.6	3471.5	3450.4
23.5°	3447.9	3475.8	*3474.8*	3466.3	3449.8	3428.2
24°	3424.8	3453.6	*3452.7*	3444.1	3426.9	3405.8
24.5°	3402.0	3431.0	*3430.7*	3421.2	3404.9	3382.4
25°	3378.7	3408.4	*3408.3*	3398.5	3381.7	3359.0
25.5°	3356.3	3385.1	*3384.1*	3375.7	3358.3	3335.8
26°	3331.3	3361.8	*3360.8*	3352.2	3334.4	3311.9
26.5°	3307.1	3337.8	*3336.9*	3327.8	3310.1	3287.4
27°	3282.5	3313.5	*3312.6*	3303.4	3285.8	3262.5
27.5°	3257.7	3288.7	*3288.0*	3278.7	3260.6	3236.9
28°	3231.0	3263.4	*3262.4*	3253.0	3234.7	3211.6
28.5°	3205.8	3237.9	*3237.2*	3227.4	3209.3	3185.9
29°	3178.8	3212.1	*3211.1*	3201.8	3182.8	3159.6
29.5°	3152.2	3185.9	*3185.1*	3175.2	3156.9	3133.3
30°	3124.7	3159.1	*3158.3*	3148.9	3129.8	3106.4
30.5°	3098.1	3132.1	*3131.5*	3121.7	3103.5	3079.7
31°	3069.5	3104.5	*3104.2*	3093.6	3075.8	3052.4
31.5°	3041.9	3076.8	*3076.0*	3065.9	3047.8	3024.0
32°	3012.9	3048.4	*3048.5*	3038.2	3019.3	2995.8
32.5°	2984.8	3019.9	*3019.7*	3010.3	2991.7	2968.0
33°	2954.9	2991.2	*2990.6*	2981.5	2961.8	2938.6
33.5°	2925.2	2962.3	*2961.6*	2951.9	2933.5	2910.4
34°	2895.1	2932.2	*2932.0*	2922.0	2903.9	2880.9
34.5°	2865.2	2902.1	*2902.0*	2892.3	2874.5	2850.9
35°	2834.3	2872.0	*2872.3*	2862.2	2843.3	2821.1
35.5°	2803.5	2841.7	*2841.4*	2832.1	2814.2	2791.2
36°	2772.7	2810.2	*2810.2*	2800.6	2783.3	2761.1
36.5°	2740.8	2779.3	*2779.4*	2769.8	2752.0	2729.9
37°	2708.7	2747.5	*2746.9*	2738.3	2719.6	2698.5
37.5°	2676.4	2715.6	*2716.3*	2706.5	2689.0	2667.3
38°	2643.9	2683.4	*2683.5*	2673.9	2657.6	2635.7
38.5°	2611.2	2650.9	*2650.7*	2641.8	2625.1	2604.0
39°	2578.2	2618.2	*2618.2*	2609.5	2593.4	2571.6
39.5°	2544.6	2584.7	*2585.5*	2577.1	2561.2	2538.9
40°	2510.8	2550.9	*2552.3*	2542.7	2528.2	2506.1
40.5°	2476.5	2518.3	*2519.2*	2511.1	2495.3	2473.7
41°	2440.6	2483.3	*2484.8*	2476.3	2461.4	2441.0
41.5°	2403.1	2447.7	*2450.0*	2442.3	2427.6	2406.9
42°	2365.3	2410.4	*2413.9*	2406.9	2392.7	2373.1
42.5°	2326.4	2372.4	*2375.8*	2370.4	2357.7	2337.7
43°	2285.6	2333.3	*2337.3*	2332.5	2319.1	2300.3
43.5°	2244.5	2293.7	*2297.3*	2292.5	2280.0	2262.0
44°	2203.5	2252.5	*2257.2*	2252.2	2240.4	2221.7
44.5°	2162.8	2211.8	*2216.5*	2212.1	2200.6	2181.7

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	2120.0	2170.2	*2175.2*	2171.2	2159.7	2140.9
45.5°	2077.3	2128.8	*2133.6*	2130.2	2118.1	2100.4
46°	2034.7	2086.5	*2090.7*	2088.0	2076.7	2058.9
46.5°	1991.8	2043.1	*2048.4*	2045.3	2034.8	2016.2
47°	1948.9	1999.7	*2005.4*	2003.5	1993.0	1974.4
47.5°	1904.9	1956.9	*1962.2*	1960.6	1949.5	1932.1
48°	1862.6	1913.7	*1919.6*	1918.4	1907.5	1890.2
48.5°	1818.7	1870.0	*1876.4*	1875.7	1864.8	1847.7
49°	1775.7	1826.8	*1833.3*	1832.1	1822.6	1805.2
49.5°	1731.9	1782.4	*1790.4*	1789.5	1779.3	1762.3
50°	1688.4	1738.0	*1746.6*	1745.6	1736.9	1719.7
50.5°	1645.5	1694.3	*1702.1*	1702.7	1693.2	1677.3
51°	1601.5	1650.9	*1659.0*	1660.1	1650.9	1635.4
51.5°	1558.6	1607.0	*1616.0*	1616.2	1607.7	1592.9
52°	1515.6	1563.8	*1572.7*	1573.1	1566.3	1551.5
52.5°	1471.5	1520.8	*1529.6*	1530.8	1524.6	1510.0
53°	1428.9	1478.0	*1485.8*	1487.9	1481.5	1468.4
53.5°	1386.8	1434.2	*1442.9*	1444.8	1439.4	1426.5
54°	1344.2	1392.2	*1400.0*	1401.7	1397.5	1385.0
54.5°	1302.1	1350.0	*1358.6*	1360.9	1356.3	1344.3
55°	1259.9	1307.8	*1315.5*	1319.0	1315.1	1305.0
55.5°	1218.8	1264.9	*1273.6*	1276.6	1274.2	1264.3
56°	1177.8	1224.5	*1232.0*	1235.7	1234.0	1225.4
56.5°	1137.2	1182.5	*1190.7*	1194.6	1193.0	1185.6
57°	1096.0	1141.7	*1149.9*	1153.7	1153.7	1146.5
57.5°	1056.3	1100.3	*1108.5*	1113.6	1113.9	1107.2
58°	1017.0	1060.8	*1068.7*	1074.1	1075.0	1070.1
58.5°	978.1	1021.1	*1027.5*	1034.2	1036.8	1032.3
59°	939.5	982.3	*989.4*	994.7	998.4	994.3
59.5°	900.5	943.4	*950.0*	956.3	961.0	957.3
60°	863.0	905.0	*912.1*	918.2	923.4	921.2
60.5°	826.1	866.3	*872.8*	880.6	886.1	884.9
61°	790.7	829.3	*836.0*	842.1	849.4	849.2
61.5°	755.4	793.1	*799.2*	805.9	814.3	813.8
62°	720.0	756.1	*762.9*	769.8	778.8	779.0
62.5°	684.7	719.3	*725.4*	733.8	743.9	744.9
63°	649.4	683.9	*690.7*	699.1	709.2	710.3
63.5°	615.2	650.0	*656.0*	664.2	675.1	675.6
64°	581.1	614.8	*622.0*	630.3	641.8	640.2
64.5°	548.6	581.7	*587.3*	597.1	609.2	606.3
65°	517.3	548.9	*555.3*	565.0	577.3	572.6
65.5°	485.0	516.6	*523.0*	533.2	545.4	539.4
66°	454.6	484.8	*491.6*	501.8	513.4	506.6
66.5°	424.6	454.2	*460.5*	471.5	482.7	474.7
67°	395.8	423.4	*431.3*	441.9	451.8	444.4

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	367.8	394.5	*401.7*	413.5	422.2	415.5
68°	340.9	366.2	*373.6*	385.9	392.9	387.2
68.5°	315.1	338.9	*346.7*	359.0	364.5	359.1
69°	289.8	314.2	*322.2*	334.8	336.0	336.0
69.5°	265.6	289.6	*297.7*	310.3	312.1	310.9
70°	243.2	265.1	*273.2*	285.7	288.3	285.6
70.5°	222.2	240.5	*248.7*	261.2	264.6	260.4
71°	201.7	215.9	*224.4*	236.7	240.8	235.1
71.5°	182.9	195.5	*204.2*	215.9	220.3	214.5
72°	165.8	176.9	*185.5*	196.8	201.0	195.1
72.5°	150.2	160.3	*167.6*	178.6	182.8	177.0
73°	136.0	145.2	*151.7*	161.6	166.0	160.1
73.5°	124.1	132.2	*137.8*	147.0	150.7	144.3
74°	113.9	120.8	*125.5*	133.3	136.7	131.2
74.5°	105.5	111.4	*115.2*	121.6	124.9	121.7
75°	99.1	103.8	*106.7*	111.6	114.3	112.3
75.5°	94.5	98.4	*100.2*	103.4	105.3	104.7
76°	89.8	93.6	*95.4*	97.8	98.2	99.1
76.5°	85.4	88.9	*90.7*	92.9	93.2	94.1
77°	81.1	84.4	*86.1*	88.3	88.3	89.1
77.5°	76.7	80.0	*81.7*	83.8	83.6	84.6
78°	72.3	75.7	*77.3*	79.3	78.8	79.9
78.5°	68.0	71.4	*73.0*	74.8	74.3	75.2
79°	63.9	67.1	*68.6*	70.3	69.7	70.7
79.5°	59.7	63.0	*64.6*	66.1	65.3	66.3
80°	55.8	58.9	*60.5*	61.8	60.9	62.0
80.5°	51.9	55.1	*56.5*	57.9	56.7	57.8
81°	48.1	51.1	*52.5*	53.7	52.6	53.7
81.5°	44.3	47.3	*48.7*	49.6	48.4	49.5
82°	40.6	43.5	*44.8*	45.8	44.5	45.5
82.5°	37.0	39.9	*41.2*	41.9	40.5	41.6
83°	33.4	36.2	*37.4*	38.1	36.7	37.8
83.5°	29.9	32.7	*33.7*	34.6	33.3	33.9
84°	26.5	29.3	*30.3*	31.2	29.9	30.5
84.5°	23.1	25.9	*26.9*	27.8	26.4	27.1
85°	19.8	22.5	*23.5*	24.5	22.9	23.7
85.5°	16.5	19.1	*20.2*	21.1	19.3	20.2
86°	13.5	15.8	*16.9*	17.7	16.4	16.8
86.5°	10.5	12.6	*13.7*	14.6	13.4	13.9
87°	7.4	9.5	*10.6*	11.7	10.8	11.0
87.5°	4.4	6.4	*7.4*	8.7	8.4	8.7
88°	1.4	3.4	*4.4*	5.8	6.0	6.5
88.5°	0.3	2.6	*3.6*	2.8	3.7	4.3
89°	0.3	1.8	*2.7*	2.2	2.9	3.5
89.5°	0.3	1.1	*1.9*	1.6	2.1	2.7

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.3	0.3	*1.1*	1.0	1.3	1.9
90.5°	0.3	0.3	*0.3*	0.4	0.6	1.1
91°	0.3	0.3	*0.3*	0.4	0.5	0.3
91.5°	0.3	0.3	*0.3*	0.4	0.5	0.3
92°	0.3	0.3	*0.3*	0.3	0.5	0.3
92.5°	0.3	0.3	*0.3*	0.3	0.5	0.3
93°	0.3	0.3	*0.3*	0.3	0.4	0.3
93.5°	0.3	0.3	*0.3*	0.3	0.3	0.4
94°	0.3	0.3	*0.3*	0.3	0.3	0.4
94.5°	0.3	0.3	*0.3*	0.3	0.3	0.4
95°	0.3	0.3	*0.3*	0.3	0.3	0.4
95.5°	0.3	0.4	*0.3*	0.3	0.3	0.4
96°	0.3	0.4	*0.4*	0.3	0.4	0.4
96.5°	0.3	0.4	*0.4*	0.3	0.4	0.4
97°	0.3	0.4	*0.4*	0.4	0.4	0.4
97.5°	0.3	0.4	*0.4*	0.4	0.4	0.4
98°	0.3	0.4	*0.4*	0.4	0.4	0.4
98.5°	0.3	0.4	*0.4*	0.4	0.4	0.5
99°	0.3	0.4	*0.4*	0.4	0.4	0.5
99.5°	0.3	0.4	*0.4*	0.4	0.4	0.5
100°	0.3	0.4	*0.4*	0.4	0.4	0.5
100.5°	0.3	0.4	*0.4*	0.4	0.4	0.5
101°	0.3	0.4	*0.4*	0.4	0.4	0.5
101.5°	0.3	0.5	*0.4*	0.4	0.5	0.5
102°	0.3	0.5	*0.4*	0.4	0.5	0.5
102.5°	0.4	0.5	*0.5*	0.5	0.5	0.5
103°	0.4	0.5	*0.5*	0.5	0.5	0.5
103.5°	0.4	0.5	*0.5*	0.5	0.5	0.6
104°	0.4	0.5	*0.5*	0.5	0.5	0.6
104.5°	0.4	0.5	*0.5*	0.5	0.5	0.6
105°	0.4	0.5	*0.5*	0.5	0.5	0.6
105.5°	0.4	0.5	*0.5*	0.5	0.5	0.6
106°	0.4	0.5	*0.5*	0.5	0.5	0.6
106.5°	0.4	0.5	*0.5*	0.5	0.6	0.6
107°	0.4	0.6	*0.5*	0.5	0.6	0.6
107.5°	0.4	0.6	*0.6*	0.6	0.6	0.7
108°	0.4	0.6	*0.6*	0.6	0.6	0.7
108.5°	0.4	0.6	*0.6*	0.6	0.6	0.7
109°	0.4	0.6	*0.6*	0.6	0.6	0.7
109.5°	0.4	0.6	*0.6*	0.6	0.6	0.7
110°	0.4	0.6	*0.6*	0.6	0.6	0.7
110.5°	0.5	0.6	*0.6*	0.6	0.7	0.7
111°	0.5	0.6	*0.6*	0.6	0.7	0.8
111.5°	0.5	0.7	*0.6*	0.7	0.7	0.8
112°	0.5	0.7	*0.7*	0.7	0.7	0.8

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.5	0.7	*0.7*	0.7	0.7	0.8
113°	0.5	0.7	*0.7*	0.7	0.7	0.8
113.5°	0.5	0.7	*0.7*	0.7	0.7	0.8
114°	0.6	0.7	*0.7*	0.7	0.8	0.8
114.5°	0.6	0.7	*0.7*	0.7	0.8	0.9
115°	0.6	0.8	*0.7*	0.8	0.8	0.9
115.5°	0.6	0.8	*0.8*	0.8	0.8	0.9
116°	0.6	0.8	*0.8*	0.8	0.8	0.9
116.5°	0.6	0.8	*0.8*	0.8	0.8	0.9
117°	0.7	0.8	*0.8*	0.8	0.8	0.9
117.5°	0.7	0.8	*0.8*	0.8	0.9	1.0
118°	0.7	0.8	*0.8*	0.8	0.9	1.0
118.5°	0.7	0.9	*0.9*	0.9	0.9	1.0
119°	0.7	0.9	*0.9*	0.9	0.9	1.0
119.5°	0.7	0.9	*0.9*	0.9	0.9	1.0
120°	0.8	0.9	*0.9*	0.9	0.9	1.0
120.5°	0.8	0.9	*0.9*	0.9	1.0	1.1
121°	0.8	0.9	*0.9*	0.9	1.0	1.1
121.5°	0.8	1.0	*1.0*	1.0	1.0	1.1
122°	0.8	1.0	*1.0*	1.0	1.0	1.1
122.5°	0.9	1.0	*1.0*	1.0	1.0	1.1
123°	0.9	1.0	*1.0*	1.0	1.1	1.2
123.5°	0.9	1.0	*1.0*	1.0	1.1	1.2
124°	0.9	1.1	*1.0*	1.1	1.1	1.2
124.5°	0.9	1.1	*1.1*	1.1	1.1	1.2
125°	0.9	1.1	*1.1*	1.1	1.1	1.2
125.5°	1.0	1.1	*1.1*	1.1	1.1	1.3
126°	1.0	1.1	*1.1*	1.1	1.2	1.3
126.5°	1.0	1.1	*1.1*	1.1	1.2	1.3
127°	1.0	1.2	*1.1*	1.2	1.2	1.3
127.5°	1.0	1.2	*1.2*	1.2	1.2	1.3
128°	1.1	1.2	*1.2*	1.2	1.2	1.4
128.5°	1.1	1.2	*1.2*	1.2	1.3	1.4
129°	1.1	1.2	*1.2*	1.2	1.3	1.4
129.5°	1.1	1.2	*1.2*	1.2	1.3	1.4
130°	1.1	1.3	*1.2*	1.3	1.3	1.4
130.5°	1.2	1.3	*1.3*	1.3	1.3	1.5
131°	1.2	1.3	*1.3*	1.3	1.4	1.5
131.5°	1.2	1.3	*1.3*	1.3	1.4	1.5
132°	1.2	1.3	*1.3*	1.3	1.4	1.5
132.5°	1.2	1.4	*1.3*	1.4	1.4	1.5
133°	1.3	1.4	*1.4*	1.4	1.4	1.5
133.5°	1.3	1.4	*1.4*	1.4	1.4	1.6
134°	1.3	1.4	*1.4*	1.4	1.5	1.6
134.5°	1.3	1.4	*1.4*	1.4	1.5	1.6

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	1.3	1.4	1.4	1.4	1.5	1.6
135.5°	1.4	1.5	1.4	1.4	1.5	1.6
136°	1.4	1.5	1.5	1.5	1.5	1.6
136.5°	1.4	1.5	1.5	1.5	1.5	1.6
137°	1.4	1.5	1.5	1.5	1.5	1.7
137.5°	1.4	1.5	1.5	1.5	1.6	1.7
138°	1.5	1.5	1.5	1.5	1.6	1.7
138.5°	1.5	1.5	1.5	1.5	1.6	1.7
139°	1.5	1.5	1.5	1.5	1.6	1.7
139.5°	1.5	1.6	1.5	1.6	1.6	1.7
140°	1.5	1.6	1.6	1.6	1.6	1.7
140.5°	1.6	1.6	1.6	1.6	1.6	1.7
141°	1.6	1.6	1.6	1.6	1.6	1.7
141.5°	1.6	1.6	1.6	1.6	1.6	1.7
142°	1.6	1.6	1.6	1.6	1.6	1.7
142.5°	1.7	1.6	1.6	1.6	1.6	1.7
143°	1.7	1.6	1.6	1.6	1.7	1.7
143.5°	1.7	1.7	1.6	1.7	1.7	1.7
144°	1.7	1.7	1.7	1.7	1.7	1.7
144.5°	1.7	1.7	1.7	1.7	1.7	1.7
145°	1.8	1.7	1.7	1.7	1.7	1.7
145.5°	1.8	1.7	1.7	1.7	1.7	1.8
146°	1.8	1.7	1.7	1.7	1.7	1.8
146.5°	1.8	1.7	1.7	1.7	1.7	1.8
147°	1.8	1.7	1.7	1.7	1.8	1.8
147.5°	1.9	1.7	1.7	1.8	1.8	1.8
148°	1.9	1.8	1.8	1.8	1.8	1.8
148.5°	1.9	1.8	1.8	1.8	1.8	1.8
149°	1.9	1.8	1.8	1.8	1.8	1.8
149.5°	1.9	1.8	1.8	1.8	1.8	1.9
150°	2.0	1.8	1.8	1.8	1.8	1.9
150.5°	2.0	1.8	1.8	1.8	1.8	1.9
151°	2.0	1.8	1.8	1.8	1.9	1.9
151.5°	2.0	1.8	1.8	1.8	1.9	1.9
152°	2.0	1.8	1.8	1.8	1.9	1.9
152.5°	2.1	1.8	1.8	1.9	1.9	1.9
153°	2.1	1.8	1.8	1.9	1.9	1.9
153.5°	2.1	1.8	1.8	1.9	1.9	1.9
154°	2.1	1.8	1.9	1.9	1.9	1.9
154.5°	2.1	1.8	1.9	1.9	1.9	1.9
155°	2.2	1.8	1.9	1.9	1.9	1.9
155.5°	2.2	1.9	1.9	1.9	1.9	1.9
156°	2.2	1.9	1.9	1.9	1.9	2.0
156.5°	2.2	1.9	1.9	1.9	1.9	2.0
157°	2.2	1.9	1.9	1.9	1.9	2.0

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	2.2	1.9	1.9	1.9	1.9	2.0
158°	2.3	1.9	1.9	1.9	1.9	2.0
158.5°	2.3	1.9	1.9	1.9	2.0	2.0
159°	2.3	1.9	1.9	1.9	2.0	2.0
159.5°	2.3	1.9	1.9	1.9	2.0	2.0
160°	2.3	1.9	1.9	1.9	2.0	2.0
160.5°	2.3	1.9	1.9	1.9	2.0	2.0
161°	2.3	1.9	1.9	1.9	2.0	2.0
161.5°	2.3	1.9	1.9	1.9	2.0	2.0
162°	2.4	1.9	2.0	2.0	2.0	2.0
162.5°	2.4	2.0	2.0	2.0	2.0	2.0
163°	2.4	2.0	2.0	2.0	2.0	2.0
163.5°	2.4	2.0	2.0	2.0	2.0	2.0
164°	2.4	2.0	1.9	2.0	2.0	2.0
164.5°	2.4	1.9	1.9	2.0	2.0	2.0
165°	2.4	1.9	1.9	2.0	2.0	2.0
165.5°	2.4	1.9	1.9	2.0	2.0	2.0
166°	2.4	1.9	1.9	2.0	2.0	2.0
166.5°	2.4	1.9	1.9	2.0	2.0	2.0
167°	2.4	1.9	2.0	2.0	2.0	2.0
167.5°	2.4	1.9	2.0	2.0	2.0	2.0
168°	2.4	1.9	2.0	2.0	2.0	2.0
168.5°	2.4	1.9	2.0	2.0	2.0	2.0
169°	2.4	1.9	2.0	2.0	2.0	2.0
169.5°	2.4	2.0	2.0	2.0	2.0	2.0
170°	2.4	2.0	2.0	2.0	2.0	2.0
170.5°	2.4	2.0	2.0	2.1	2.1	2.1
171°	2.4	2.0	2.0	2.1	2.1	2.1
171.5°	2.4	2.0	2.0	2.1	2.1	2.1
172°	2.4	2.0	2.1	2.1	2.1	2.1
172.5°	2.4	2.0	2.1	2.1	2.1	2.1
173°	2.4	2.1	2.1	2.1	2.1	2.1
173.5°	2.4	2.1	2.1	2.1	2.1	2.1
174°	2.4	2.1	2.1	2.1	2.1	2.1
174.5°	2.4	2.1	2.1	2.1	2.1	2.1
175°	2.4	2.1	2.1	2.1	2.2	2.1
175.5°	2.4	2.1	2.1	2.2	2.2	2.2
176°	2.4	2.2	2.2	2.2	2.2	2.2
176.5°	2.4	2.2	2.2	2.2	2.2	2.2
177°	2.4	2.2	2.2	2.2	2.2	2.2
177.5°	2.4	2.3	2.3	2.3	2.3	2.3
178°	2.4	2.3	2.3	2.3	2.3	2.3
178.5°	2.4	2.3	2.3	2.3	2.3	2.3
179°	2.4	2.4	2.4	2.4	2.4	2.4
179.5°	2.4	2.4	2.4	2.4	2.4	2.4

TEST NUMBER: P640249
CATALOG NUMBER: LCR880RD9FSE040-92W-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	2.4	2.4	*2.4*	2.4	2.4	2.4

(END OF REPORT)