

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P#

Luminaire Tested: **8SNLED-LD5-79SL-RW-UNV-L935-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33525)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
WHITE REFLECTOR
Light Source: -
Ballast/Driver: -

Summary

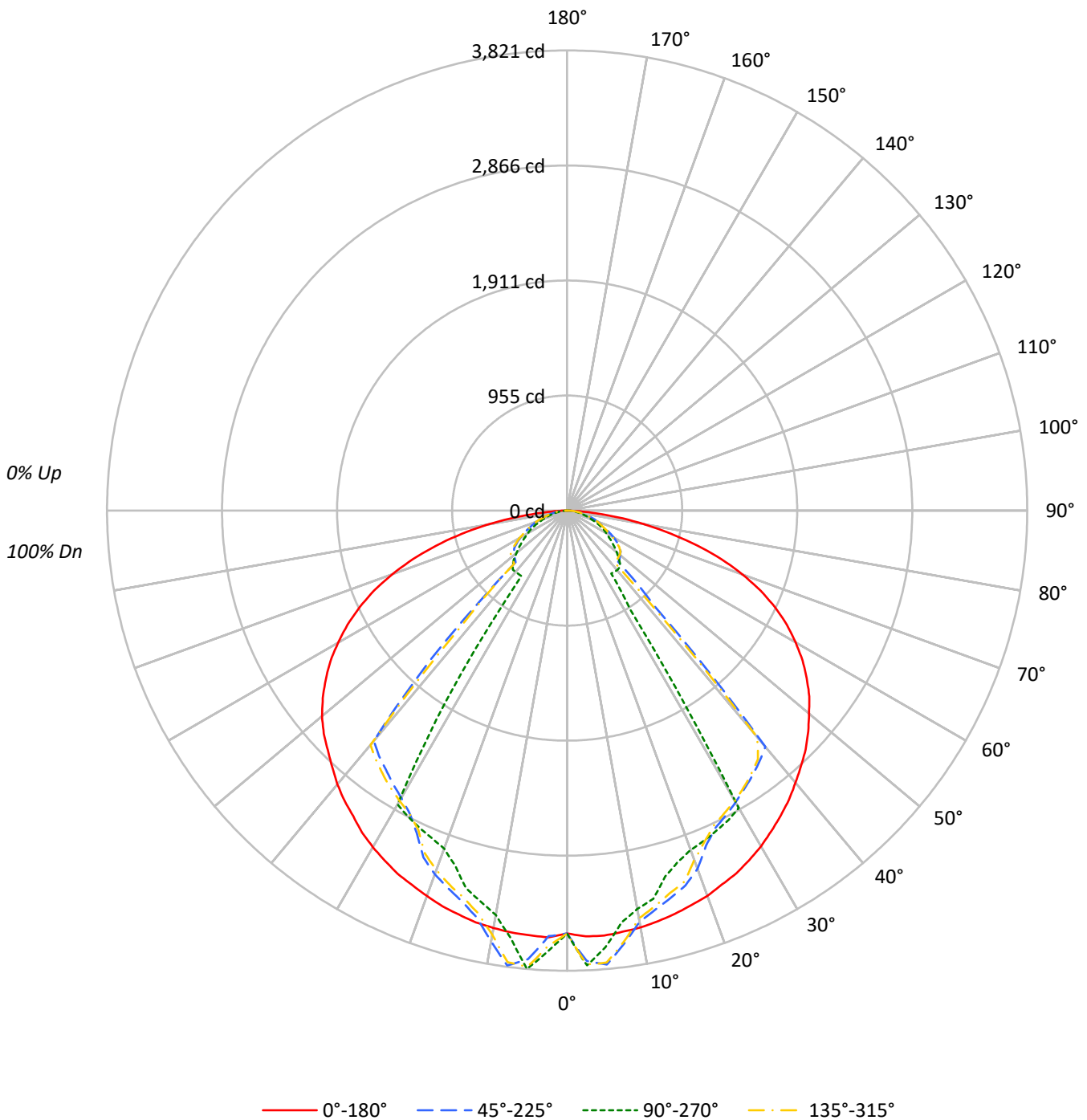
Lumens per Lamp: N/A
Luminaire Lumens: 7032.0 lumens
Efficiency: N/A
Efficacy: 115.3 lumens/watt
Spacing Criteria (0/90/45): 1.36 / 1.16 / 1.2
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 61
Input Voltage (V): NR
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: 25 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					0
RW	70	50	30	10	70	50	30	10	50	30	10	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					100			
1	110	106	102	99	108	104	101	98	100	97	94	96	94	92	92	91	89					87				
2	102	94	88	83	99	93	87	82	89	85	81	86	82	79	83	80	77					75				
3	94	84	77	72	91	83	76	71	80	74	70	77	73	69	75	71	67					65				
4	87	76	68	62	85	75	67	62	72	66	61	70	65	60	68	63	59					57				
5	81	69	61	55	79	68	60	55	66	59	54	64	58	53	62	57	53					51				
6	75	63	55	49	73	62	54	49	60	53	48	59	53	48	57	52	47					46				
7	70	58	50	44	68	57	49	44	55	48	43	54	48	43	53	47	43					41				
8	66	53	45	40	64	52	45	40	51	44	39	50	44	39	49	43	39					37				
9	62	49	41	36	60	48	41	36	47	41	36	46	40	36	45	40	36					34				
10	58	46	38	33	57	45	38	33	44	38	33	43	37	33	42	37	33					31				

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14189	14189	14189	14189
5°	14347	14295	14341	15003
10°	14381	12925	14401	13123
15°	14433	11958	14467	12338
20°	14560	11342	14560	11300
25°	14709	11125	14730	11021
30°	14883	10929	14920	10800
35°	15084	2489	15116	2596
40°	15358	2588	15450	2673
45°	15764	2574	15818	2668
50°	16178	2327	16396	2390
55°	16734	2066	16867	2096
60°	17233	1836	17272	1860
65°	17642	1603	17598	1577
70°	17537	1292	17483	1245
75°	16499	994	16617	953
80°	13724	706	14276	646
85°	7914	423	8355	324



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	345.5	4.9
10°-20°	949.9	13.5
20°-30°	1407.1	20.0
30°-40°	1417.7	20.2
40°-50°	1107.5	15.7
50°-60°	855.4	12.2
60°-70°	574.3	8.2
70°-80°	293.0	4.2
80°-90°	81.5	1.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	2702.5	38.4
0°-40°	4120.3	58.6
0°-60°	6083.2	86.5
0°-90°	7032.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7032.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3512	3512	3512	3512	3512	
5°	3542	3640	3541	3821	3542	337
15°	3465	3146	3473	3246	3465	980
25°	3323	2932	3328	2905	3323	1533
35°	3092	637	3098	665	3092	1937
45°	2802	620	2812	642	2802	2161
55°	2428	451	2448	457	2428	2169
65°	1907	303	1902	298	1907	1876
75°	1118	153	1126	146	1118	1170
85°	201	48	212	37	201	277
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3539.0	3551.8	3561.5	3567.9	3571.1	3571.1	3572.8	3574.4	3595.3	3604.9	3611.4
5°	3542.2	3555.1	3574.4	3600.1	3622.6	3642.0	3658.1	3680.6	3703.1	3727.3	3735.3
7.5°	3527.7	3543.8	3582.4	3629.1	3672.5	3703.1	3724.0	3738.5	3749.8	3751.4	3759.4
10°	3514.8	3543.8	3596.9	3658.1	3712.8	3749.8	3749.8	3741.7	3753.0	3709.5	3666.1
12.5°	3492.3	3524.5	3596.9	3677.4	3728.9	3743.3	3736.9	3704.7	3638.7	3585.6	3561.5
15°	3464.9	3508.4	3598.5	3688.6	3732.1	3736.9	3675.8	3593.7	3543.8	3511.6	3471.4
17.5°	3434.4	3492.3	3600.1	3690.2	3706.3	3683.8	3567.9	3516.4	3464.9	3389.3	3334.6
20°	3405.4	3461.7	3587.2	3667.7	3677.4	3576.0	3485.9	3431.1	3344.2	3278.2	3254.1
22.5°	3360.3	3426.3	3576.0	3637.1	3600.1	3482.6	3395.7	3308.8	3230.0	3210.7	3181.7
25°	3323.3	3392.5	3550.2	3600.1	3501.9	3397.3	3295.9	3194.6	3157.5	3130.2	3104.4
27.5°	3273.4	3358.7	3516.4	3532.5	3397.3	3305.6	3157.5	3112.5	3078.7	3048.1	3036.8
30°	3218.7	3323.3	3469.8	3439.2	3310.4	3175.2	3065.8	3024.0	2999.8	2967.6	2954.8
32.5°	3155.9	3270.2	3418.3	3331.4	3217.1	3048.1	2977.3	2945.1	2912.9	2888.8	2808.3
35°	3091.6	3223.5	3357.1	3228.4	3104.4	2951.5	2888.8	2859.8	2829.2	2740.7	2657.0
37.5°	3025.6	3172.0	3283.1	3117.3	2954.8	2851.8	2798.7	2766.5	2697.3	2584.6	2542.8
40°	2949.9	3109.3	3188.1	3003.0	2824.4	2750.4	2700.5	2668.3	2512.2	2462.3	2449.4
42.5°	2874.3	3048.1	3072.2	2892.0	2716.6	2642.6	2600.7	2494.5	2388.3	2362.5	2367.4
45°	2801.9	2982.1	2945.1	2734.3	2603.9	2542.8	2472.0	2325.5	2269.2	2282.1	2285.3
47.5°	2715.0	2903.3	2811.5	2576.6	2488.1	2426.9	2269.2	2180.7	2172.6	2190.3	2200.0
50°	2621.6	2814.8	2669.9	2433.3	2362.5	2290.1	2111.5	2066.4	2076.1	2093.8	2105.0
52.5°	2534.7	2715.0	2523.5	2299.8	2238.6	2072.8	1952.1	1960.2	1976.3	1997.2	2003.6
55°	2428.5	2594.3	2367.4	2164.6	2106.6	1889.4	1834.7	1854.0	1870.1	1887.8	1900.6
57.5°	2317.5	2455.9	2182.3	2013.3	1920.0	1726.8	1731.7	1744.5	1755.8	1776.7	733.9
60°	2190.3	2298.2	1979.5	1873.3	1688.2	1598.1	1602.9	1625.4	1636.7	914.1	505.3
62.5°	2058.4	2114.7	1796.0	1714.0	1475.8	1469.3	1491.9	1501.5	1021.9	482.8	473.1
65°	1907.1	1895.8	1615.8	1485.4	1330.9	1337.4	1361.5	1313.2	452.2	452.2	449.0
67.5°	1739.7	1672.1	1440.4	1229.5	1190.9	1205.4	1231.2	429.7	418.4	421.6	410.4
70°	1548.2	1453.2	1258.5	1041.2	1054.1	1068.6	415.2	389.5	384.6	376.6	354.1
72.5°	1345.4	1215.1	1030.0	904.5	912.5	572.9	363.7	350.8	334.7	318.7	294.5
75°	1118.5	949.5	756.4	756.4	767.7	326.7	317.0	296.1	278.4	257.5	243.0
77.5°	877.1	730.6	587.4	609.9	297.7	273.6	255.9	233.4	218.9	206.0	197.9
80°	642.1	510.2	442.6	395.9	231.7	207.6	189.9	177.0	170.6	162.5	152.9
82.5°	421.6	307.4	307.4	186.7	162.5	143.2	138.4	128.7	122.3	117.5	112.7
85°	201.2	178.6	135.2	114.3	101.4	91.7	88.5	83.7	83.7	82.1	80.5
87.5°	74.0	80.5	59.5	57.9	54.7	53.1	54.7	54.7	56.3	54.7	53.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3627.5	3640.3	3650.0	3666.1	3687.0	3704.7	3720.8	3743.3	3778.8	3788.4	3796.5
5°	3735.3	3740.1	3751.4	3764.3	3767.5	3775.5	3773.9	3783.6	3788.4	3799.7	3775.5
7.5°	3741.7	3716.0	3685.4	3658.1	3638.7	3621.0	3609.8	3627.5	3637.1	3645.2	3621.0
10°	3606.6	3576.0	3558.3	3542.2	3522.9	3495.5	3458.5	3466.5	3463.3	3463.3	3455.3
12.5°	3521.3	3477.8	3432.7	3392.5	3374.8	3373.2	3374.8	3392.5	3392.5	3390.9	3381.2
15°	3387.7	3345.8	3323.3	3313.6	3313.6	3308.8	3308.8	3328.1	3323.3	3323.3	3318.5
17.5°	3299.2	3270.2	3254.1	3242.8	3238.0	3246.1	3255.7	3263.8	3265.4	3258.9	3233.2
20°	3226.7	3199.4	3180.1	3183.3	3181.7	3186.5	3191.3	3164.0	3130.2	3085.1	3064.2
22.5°	3151.1	3130.2	3115.7	3115.7	3096.4	3065.8	3020.7	3011.1	3006.3	2985.3	2967.6
25°	3078.7	3054.5	3033.6	2969.2	2929.0	2933.8	2925.8	2909.7	2908.1	2906.5	2912.9
27.5°	3006.3	2943.5	2863.0	2853.4	2837.3	2835.7	2845.3	2853.4	2853.4	2859.8	2867.9
30°	2856.6	2784.2	2769.7	2752.0	2758.4	2781.0	2785.8	2797.0	2800.3	2811.5	2818.0
32.5°	2719.8	2687.6	2674.7	2682.8	2703.7	2723.0	2734.3	2739.1	2747.2	2756.8	2764.9
35°	2608.8	2599.1	2610.4	2628.1	2649.0	2665.1	2674.7	2684.4	2692.4	2700.5	2706.9
37.5°	2526.7	2533.1	2549.2	2571.7	2592.7	2605.5	2613.6	2624.8	2636.1	2645.8	2607.1
40°	2449.4	2465.5	2483.2	2507.4	2525.1	2537.9	2546.0	2560.5	2463.9	1115.3	611.6
42.5°	2381.8	2399.5	2412.4	2431.7	2451.0	2460.7	2389.9	1067.0	603.5	600.3	608.3
45°	2299.8	2314.2	2335.2	2349.6	2367.4	1554.6	593.8	600.3	590.6	597.1	600.3
47.5°	2216.1	2238.6	2249.9	2146.9	638.9	590.6	584.2	590.6	584.2	592.2	587.4
50°	2121.1	2148.5	1528.9	577.8	572.9	569.7	576.1	572.9	577.8	584.2	571.3
52.5°	2024.6	1253.7	560.1	556.8	560.1	556.8	568.1	560.1	561.7	555.2	539.1
55°	685.6	542.4	537.5	535.9	545.6	545.6	545.6	532.7	524.6	508.6	497.3
57.5°	524.6	524.6	523.0	524.6	521.4	518.2	503.7	492.5	481.2	458.7	452.2
60°	497.3	497.3	497.3	497.3	482.8	476.4	453.8	444.2	424.9	413.6	407.2
62.5°	474.8	471.5	457.1	452.2	436.1	418.4	405.6	395.9	376.6	370.2	365.3
65°	442.6	431.3	413.6	394.3	386.2	366.9	360.5	346.0	336.4	331.5	328.3
67.5°	389.5	373.4	358.9	346.0	331.5	325.1	317.0	305.8	299.3	296.1	292.9
70°	333.1	321.9	307.4	299.3	289.7	284.9	273.6	270.4	265.5	260.7	255.9
72.5°	278.4	272.0	265.5	254.3	251.1	247.8	236.6	230.1	223.7	217.3	214.0
75°	233.4	228.5	225.3	215.7	210.8	201.2	193.1	188.3	183.5	178.6	175.4
77.5°	191.5	188.3	178.6	172.2	169.0	160.9	157.7	159.3	156.1	149.7	146.5
80°	149.7	146.5	138.4	138.4	135.2	132.0	128.7	125.5	122.3	117.5	114.3
82.5°	114.3	111.0	107.8	104.6	101.4	99.8	98.2	95.0	91.7	88.5	86.9
85°	80.5	78.9	77.2	75.6	74.0	72.4	70.8	67.6	64.4	62.8	61.2
87.5°	54.7	53.1	51.5	49.9	48.3	46.7	45.1	43.5	40.2	38.6	37.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3796.5	3804.5	3796.5	3778.8	3767.5	3762.7	3772.3	3772.3	3778.8	3786.8	3788.4
5°	3736.9	3717.6	3695.1	3672.5	3661.3	3654.8	3637.1	3640.3	3645.2	3648.4	3651.6
7.5°	3588.8	3563.1	3532.5	3503.6	3492.3	3482.6	3461.7	3461.7	3461.7	3463.3	3473.0
10°	3437.6	3426.3	3413.4	3394.1	3379.6	3374.8	3357.1	3361.9	3358.7	3363.5	3374.8
12.5°	3366.8	3353.9	3342.6	3323.3	3307.2	3300.8	3292.7	3297.6	3295.9	3304.0	3313.6
15°	3302.4	3295.9	3283.1	3268.6	3254.1	3241.2	3212.3	3202.6	3196.2	3188.1	3199.4
17.5°	3196.2	3151.1	3120.5	3098.0	3081.9	3070.6	3062.6	3062.6	3067.4	3072.2	3081.9
20°	3051.3	3038.5	3024.0	2999.8	2983.7	2977.3	2972.5	2972.5	2980.5	2987.0	3004.7
22.5°	2951.5	2949.9	2945.1	2933.8	2925.8	2925.8	2927.4	2930.6	2941.9	2951.5	2969.2
25°	2904.9	2911.3	2908.1	2901.7	2896.8	2898.4	2895.2	2898.4	2909.7	2919.4	2933.8
27.5°	2867.9	2877.5	2874.3	2864.6	2856.6	2859.8	2864.6	2861.4	2871.1	2882.3	2893.6
30°	2818.0	2819.6	2826.0	2814.8	2811.5	2816.4	2818.0	2821.2	2830.8	2838.9	2848.5
32.5°	2761.6	2774.5	2772.9	2761.6	2761.6	2766.5	2768.1	2660.3	2459.1	2117.9	2024.6
35°	2706.9	2721.4	2697.3	2274.0	1573.9	840.1	648.6	626.0	630.9	634.1	637.3
37.5°	2002.0	949.5	605.1	609.9	614.8	619.6	624.4	629.3	634.1	638.9	640.5
40°	601.9	600.3	605.1	611.6	616.4	619.6	626.0	630.9	635.7	640.5	642.1
42.5°	595.5	598.7	603.5	609.9	616.4	622.8	627.6	634.1	637.3	640.5	642.1
45°	592.2	598.7	605.1	609.9	614.8	618.0	621.2	622.8	621.2	621.2	624.4
47.5°	587.4	593.8	595.5	593.8	595.5	593.8	593.8	593.8	589.0	587.4	587.4
50°	569.7	569.7	566.5	560.1	558.4	556.8	553.6	552.0	545.6	544.0	544.0
52.5°	532.7	531.1	526.3	518.2	515.0	511.8	510.2	508.6	502.1	498.9	500.5
55°	489.2	486.0	481.2	471.5	469.9	466.7	465.1	463.5	457.1	460.3	455.4
57.5°	449.0	442.6	436.1	434.5	428.1	426.5	424.9	423.3	418.4	420.0	416.8
60°	400.7	399.1	395.9	389.5	389.5	387.9	387.9	384.6	381.4	379.8	379.8
62.5°	365.3	360.5	357.3	357.3	352.4	352.4	352.4	349.2	346.0	347.6	346.0
65°	326.7	325.1	323.5	320.3	320.3	318.7	318.7	315.4	310.6	312.2	309.0
67.5°	294.5	291.3	288.1	286.5	280.0	276.8	275.2	273.6	267.2	268.8	265.5
70°	254.3	249.4	246.2	243.0	238.2	235.0	235.0	231.7	226.9	228.5	225.3
72.5°	212.4	209.2	206.0	204.4	199.6	197.9	196.3	194.7	189.9	191.5	189.9
75°	177.0	177.0	175.4	173.8	169.0	164.2	160.9	159.3	156.1	157.7	154.5
77.5°	146.5	143.2	140.0	140.0	135.2	132.0	128.7	128.7	128.7	127.1	125.5
80°	114.3	111.0	111.0	109.4	106.2	103.0	101.4	101.4	99.8	99.8	98.2
82.5°	86.9	83.7	82.1	82.1	78.9	77.2	75.6	74.0	74.0	74.0	72.4
85°	61.2	57.9	56.3	56.3	53.1	51.5	51.5	49.9	49.9	48.3	48.3
87.5°	37.0	35.4	33.8	33.8	30.6	29.0	29.0	29.0	27.4	27.4	25.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3788.4	3788.4	3777.1	3780.4	3775.5	3782.0	3773.9	3773.9	3783.6	3783.6	3790.0
5°	3653.2	3645.2	3643.6	3640.3	3624.3	3630.7	3622.6	3614.6	3625.9	3625.9	3640.3
7.5°	3468.1	3453.7	3460.1	3450.4	3440.8	3426.3	3431.1	3424.7	3432.7	3444.0	3458.5
10°	3373.2	3360.3	3368.4	3358.7	3363.5	3342.6	3344.2	3345.8	3353.9	3357.1	3370.0
12.5°	3312.0	3308.8	3305.6	3302.4	3305.6	3294.3	3287.9	3289.5	3292.7	3294.3	3304.0
15°	3183.3	3162.4	3168.8	3146.3	3147.9	3149.5	3136.6	3149.5	3147.9	3168.8	3188.1
17.5°	3078.7	3078.7	3067.4	3057.8	3051.3	3049.7	3040.1	3046.5	3040.1	3052.9	3057.8
20°	3006.3	3004.7	3003.0	2998.2	2982.1	2983.7	2988.6	2974.1	2972.5	2970.9	2980.5
22.5°	2972.5	2974.1	2967.6	2967.6	2953.2	2956.4	2958.0	2941.9	2943.5	2938.7	2943.5
25°	2937.1	2940.3	2932.2	2932.2	2929.0	2927.4	2919.4	2922.6	2912.9	2904.9	2912.9
27.5°	2895.2	2901.7	2895.2	2898.4	2892.0	2888.8	2884.0	2880.7	2871.1	2869.5	2874.3
30°	2856.6	2859.8	2858.2	2850.2	2848.5	2838.9	2843.7	2834.1	2824.4	2826.0	2829.2
32.5°	1464.5	1398.5	1078.3	973.7	964.0	999.4	1184.5	1442.0	1868.5	2282.1	2579.8
35°	638.9	638.9	638.9	637.3	637.3	635.7	634.1	632.5	630.9	629.3	627.6
37.5°	642.1	642.1	642.1	642.1	640.5	638.9	638.9	635.7	634.1	632.5	630.9
40°	643.7	645.3	645.3	645.3	643.7	643.7	642.1	638.9	637.3	634.1	630.9
42.5°	642.1	643.7	643.7	642.1	642.1	640.5	640.5	638.9	637.3	635.7	634.1
45°	621.2	622.8	619.6	619.6	618.0	618.0	618.0	618.0	618.0	619.6	619.6
47.5°	584.2	584.2	582.6	581.0	581.0	579.4	581.0	579.4	582.6	584.2	587.4
50°	540.7	540.7	537.5	535.9	535.9	535.9	535.9	537.5	539.1	542.4	545.6
52.5°	495.7	495.7	494.1	492.5	490.9	490.9	495.7	494.1	495.7	497.3	502.1
55°	452.2	453.8	450.6	450.6	449.0	449.0	449.0	450.6	452.2	453.8	458.7
57.5°	415.2	415.2	412.0	412.0	412.0	410.4	415.2	412.0	413.6	415.2	418.4
60°	378.2	376.6	376.6	375.0	375.0	375.0	378.2	376.6	376.6	378.2	381.4
62.5°	344.4	344.4	342.8	342.8	341.2	341.2	344.4	342.8	342.8	344.4	346.0
65°	305.8	305.8	304.2	302.6	307.4	302.6	307.4	304.2	307.4	309.0	312.2
67.5°	262.3	262.3	262.3	260.7	260.7	263.9	265.5	262.3	263.9	267.2	268.8
70°	223.7	223.7	222.1	222.1	222.1	225.3	226.9	223.7	225.3	226.9	230.1
72.5°	189.9	186.7	186.7	185.1	188.3	188.3	189.9	188.3	189.9	189.9	193.1
75°	156.1	152.9	152.9	152.9	156.1	154.5	156.1	154.5	156.1	156.1	157.7
77.5°	125.5	123.9	122.3	122.3	125.5	125.5	125.5	123.9	125.5	127.1	128.7
80°	98.2	96.6	95.0	95.0	98.2	98.2	98.2	99.8	98.2	99.8	101.4
82.5°	72.4	70.8	69.2	72.4	72.4	72.4	72.4	74.0	72.4	74.0	75.6
85°	48.3	46.7	45.1	48.3	48.3	48.3	48.3	49.9	48.3	49.9	51.5
87.5°	25.7	24.1	24.1	25.7	25.7	25.7	27.4	27.4	27.4	29.0	29.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3799.7	3804.5	3802.9	3793.2	3783.6	3772.3	3764.3	3765.9	3782.0	3786.8	3772.3
5°	3640.3	3670.9	3670.9	3691.8	3680.6	3670.9	3677.4	3712.8	3730.5	3757.8	3767.5
7.5°	3476.2	3490.7	3489.1	3510.0	3506.8	3506.8	3511.6	3558.3	3580.8	3603.3	3609.8
10°	3384.5	3398.9	3397.3	3398.9	3394.1	3382.9	3382.9	3403.8	3423.1	3434.4	3437.6
12.5°	3318.5	3326.5	3324.9	3324.9	3321.7	3312.0	3310.4	3328.1	3349.1	3363.5	3365.1
15°	3220.3	3242.8	3247.7	3268.6	3263.8	3250.9	3254.1	3268.6	3281.5	3294.3	3289.5
17.5°	3073.9	3085.1	3086.7	3094.8	3091.6	3091.6	3110.9	3164.0	3199.4	3230.0	3233.2
20°	2990.2	2998.2	2995.0	3012.7	3004.7	3003.0	3007.9	3030.4	3046.5	3061.0	3086.7
22.5°	2949.9	2956.4	2951.5	2953.2	2938.7	2925.8	2922.6	2940.3	2958.0	2977.3	2977.3
25°	2916.1	2921.0	2919.4	2916.1	2904.9	2887.2	2884.0	2887.2	2893.6	2895.2	2884.0
27.5°	2875.9	2879.1	2879.1	2880.7	2866.3	2850.2	2846.9	2843.7	2850.2	2848.5	2830.8
30°	2834.1	2829.2	2830.8	2832.5	2819.6	2805.1	2798.7	2797.0	2803.5	2801.9	2784.2
32.5°	2734.3	2771.3	2774.5	2777.7	2766.5	2753.6	2747.2	2742.3	2745.5	2743.9	2727.8
35°	626.0	637.3	780.5	1767.1	2399.5	2657.0	2684.4	2678.0	2679.6	2679.6	2666.7
37.5°	627.6	626.0	624.4	619.6	614.8	611.6	1057.3	2254.7	2612.0	2613.6	2602.3
40°	627.6	626.0	624.4	621.2	614.8	609.9	601.9	595.5	609.9	1342.2	2455.9
42.5°	630.9	627.6	624.4	621.2	614.8	608.3	601.9	593.8	598.7	595.5	587.4
45°	621.2	619.6	619.6	618.0	614.8	608.3	600.3	590.6	585.8	590.6	582.6
47.5°	590.6	592.2	597.1	598.7	598.7	600.3	595.5	589.0	581.0	585.8	576.1
50°	548.8	552.0	553.6	561.7	564.9	571.3	572.9	572.9	571.3	577.8	571.3
52.5°	503.7	506.9	515.0	518.2	521.4	531.1	534.3	539.1	542.4	552.0	558.4
55°	460.3	461.9	465.1	471.5	476.4	484.4	489.2	494.1	502.1	506.9	526.3
57.5°	420.0	421.6	428.1	429.7	432.9	439.4	444.2	450.6	457.1	460.3	482.8
60°	381.4	383.0	387.9	389.5	391.1	397.5	402.3	407.2	412.0	415.2	431.3
62.5°	347.6	347.6	352.4	352.4	354.1	358.9	362.1	365.3	370.2	371.8	379.8
65°	313.8	315.4	318.7	318.7	320.3	323.5	325.1	326.7	331.5	331.5	338.0
67.5°	272.0	273.6	278.4	281.6	283.2	289.7	291.3	292.9	296.1	297.7	300.9
70°	231.7	233.4	238.2	239.8	241.4	246.2	249.4	254.3	259.1	263.9	267.2
72.5°	194.7	196.3	201.2	201.2	206.0	207.6	210.8	212.4	217.3	220.5	225.3
75°	159.3	160.9	165.8	165.8	170.6	172.2	173.8	175.4	178.6	181.9	185.1
77.5°	130.4	130.4	136.8	140.0	143.2	143.2	144.8	144.8	144.8	146.5	149.7
80°	103.0	103.0	107.8	111.0	114.3	114.3	115.9	117.5	119.1	119.1	120.7
82.5°	77.2	77.2	82.1	83.7	86.9	86.9	86.9	88.5	90.1	88.5	91.7
85°	53.1	53.1	56.3	57.9	61.2	61.2	61.2	62.8	64.4	62.8	64.4
87.5°	30.6	32.2	33.8	35.4	37.0	38.6	38.6	38.6	40.2	40.2	41.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3756.2	3736.9	3735.3	3712.8	3706.3	3707.9	3690.2	3683.8	3654.8	3648.4	3617.8
5°	3770.7	3780.4	3775.5	3773.9	3778.8	3775.5	3762.7	3756.2	3751.4	3738.5	3712.8
7.5°	3611.4	3617.8	3622.6	3643.6	3661.3	3691.8	3724.0	3745.0	3761.0	3764.3	3743.3
10°	3448.8	3479.4	3500.3	3532.5	3558.3	3576.0	3595.3	3613.0	3659.7	3706.3	3733.7
12.5°	3365.1	3373.2	3371.6	3389.3	3407.0	3453.7	3498.7	3524.5	3559.9	3580.8	3630.7
15°	3294.3	3295.9	3300.8	3313.6	3323.3	3339.4	3360.3	3398.9	3469.8	3501.9	3529.3
17.5°	3230.0	3230.0	3233.2	3244.4	3257.3	3271.8	3284.7	3300.8	3336.2	3389.3	3456.9
20°	3127.0	3172.0	3176.9	3175.2	3181.7	3209.0	3212.3	3241.2	3258.9	3279.9	3345.8
22.5°	2974.1	3001.4	3040.1	3099.6	3122.1	3135.0	3144.7	3157.5	3184.9	3209.0	3236.4
25°	2890.4	2908.1	2919.4	2937.1	2983.7	3059.4	3073.9	3088.3	3106.0	3123.7	3157.5
27.5°	2816.4	2814.8	2822.8	2838.9	2851.8	2892.0	2962.8	3019.1	3022.4	3048.1	3077.1
30°	2763.3	2753.6	2742.3	2739.1	2756.8	2777.7	2798.7	2887.2	2948.3	2961.2	2991.8
32.5°	2713.4	2697.3	2681.2	2668.3	2657.0	2674.7	2687.6	2726.2	2805.1	2879.1	2895.2
35°	2652.2	2636.1	2616.8	2602.3	2584.6	2583.0	2581.4	2618.4	2644.2	2732.7	2809.9
37.5°	2589.4	2571.7	2555.6	2539.6	2521.9	2509.0	2500.9	2510.6	2534.7	2573.3	2702.1
40°	2523.5	2502.5	2486.4	2473.6	2449.4	2439.8	2423.7	2417.2	2418.9	2452.6	2520.2
42.5°	1508.0	2404.4	2412.4	2397.9	2377.0	2364.1	2346.4	2338.4	2322.3	2338.4	2377.0
45°	581.0	587.4	1759.0	2323.9	2298.2	2282.1	2266.0	2257.9	2240.2	2227.3	2262.7
47.5°	569.7	576.1	563.3	798.2	2193.5	2198.4	2179.1	2171.0	2153.3	2143.7	2134.0
50°	561.7	566.5	556.8	560.1	548.8	2010.1	2090.5	2080.9	2061.6	2050.3	2031.0
52.5°	553.6	553.6	547.2	539.1	535.9	537.5	1691.4	1989.2	1966.6	1955.4	1929.6
55°	527.9	531.1	537.5	524.6	521.4	519.8	515.0	1611.0	1862.0	1849.1	1826.6
57.5°	489.2	495.7	513.4	510.2	510.2	497.3	494.1	494.1	1495.1	1741.3	1718.8
60°	444.2	450.6	469.9	476.4	481.2	478.0	474.8	473.1	466.7	1575.6	1604.5
62.5°	397.5	403.9	410.4	431.3	437.7	445.8	455.4	450.6	444.2	444.2	1483.8
65°	347.6	357.3	360.5	379.8	387.9	402.3	410.4	421.6	418.4	416.8	424.9
67.5°	304.2	315.4	317.0	325.1	339.6	346.0	355.7	376.6	386.2	389.5	392.7
70°	267.2	273.6	278.4	281.6	291.3	292.9	310.6	325.1	339.6	355.7	360.5
72.5°	230.1	235.0	244.6	241.4	244.6	251.1	260.7	270.4	284.9	307.4	321.9
75°	188.3	191.5	197.9	201.2	207.6	212.4	218.9	226.9	239.8	251.1	270.4
77.5°	151.3	152.9	157.7	159.3	165.8	170.6	181.9	186.7	194.7	202.8	214.0
80°	122.3	122.3	123.9	123.9	128.7	133.6	141.6	146.5	156.1	162.5	162.5
82.5°	93.3	93.3	98.2	98.2	101.4	101.4	106.2	106.2	111.0	114.3	117.5
85°	66.0	67.6	70.8	69.2	72.4	70.8	74.0	77.2	78.9	77.2	75.6
87.5°	43.5	43.5	46.7	45.1	46.7	46.7	49.9	49.9	51.5	51.5	49.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3606.6	3582.4	3567.9	3550.2	3545.4	3540.6	3547.0	3547.0	3537.3	3529.3	3514.8
5°	3690.2	3664.5	3637.1	3608.2	3580.8	3551.8	3540.6	3539.0	3521.3	3511.6	3506.8
7.5°	3733.7	3720.8	3690.2	3650.0	3608.2	3556.7	3534.1	3521.3	3503.6	3500.3	3500.3
10°	3738.5	3724.0	3707.9	3679.0	3630.7	3563.1	3519.6	3493.9	3477.8	3489.1	3510.0
12.5°	3691.8	3719.2	3704.7	3685.4	3646.8	3564.7	3501.9	3463.3	3458.5	3487.5	3542.2
15°	3572.8	3653.2	3693.5	3674.1	3643.6	3561.5	3473.0	3427.9	3427.9	3487.5	3558.3
17.5°	3482.6	3545.4	3643.6	3659.7	3624.3	3555.1	3445.6	3392.5	3407.0	3493.9	3569.5
20°	3408.6	3447.2	3542.2	3632.3	3598.5	3540.6	3405.4	3350.7	3379.6	3484.2	3585.6
22.5°	3292.7	3370.0	3427.9	3561.5	3572.8	3513.2	3365.1	3299.2	3357.1	3484.2	3577.6
25°	3180.1	3273.4	3334.6	3464.9	3534.1	3479.4	3328.1	3244.4	3333.0	3479.4	3571.1
27.5°	3101.2	3144.7	3255.7	3349.1	3476.2	3434.4	3278.2	3184.9	3302.4	3453.7	3534.1
30°	3017.5	3046.5	3155.9	3244.4	3398.9	3382.9	3226.7	3118.9	3263.8	3429.5	3437.6
32.5°	2925.8	2958.0	3014.3	3143.1	3291.1	3334.6	3168.8	3052.9	3221.9	3392.5	3324.9
35°	2832.5	2856.6	2901.7	3040.1	3165.6	3262.2	3098.0	2977.3	3192.9	3336.2	3217.1
37.5°	2739.1	2764.9	2803.5	2919.4	3033.6	3194.6	3036.8	2901.7	3139.8	3236.4	3104.4
40°	2650.6	2665.1	2705.3	2777.7	2924.2	3125.4	2967.6	2822.8	3085.1	3109.3	2951.5
42.5°	2488.1	2560.5	2597.5	2655.4	2800.3	3030.4	2887.2	2739.1	3024.0	2982.1	2798.7
45°	2312.6	2470.4	2486.4	2544.4	2690.8	2929.0	2811.5	2657.0	2966.0	2872.7	2653.8
47.5°	2169.4	2283.7	2377.0	2425.3	2560.5	2809.9	2740.7	2587.8	2879.1	2734.3	2512.2
50°	2042.3	2103.4	2272.4	2307.8	2404.4	2666.7	2657.0	2507.4	2758.4	2560.5	2373.8
52.5°	1918.3	1961.8	2114.7	2190.3	2269.2	2512.2	2557.3	2428.5	2626.5	2386.7	2233.8
55°	1810.5	1825.0	1908.7	2068.0	2138.8	2356.1	2447.8	2336.8	2459.1	2220.9	2098.6
57.5°	1699.5	1686.6	1747.8	1952.1	2003.6	2196.8	2331.9	2243.4	2323.9	2051.9	1958.6
60°	1583.6	1565.9	1591.6	1726.8	1860.4	2039.0	2195.2	2140.4	2159.7	1884.5	1802.5
62.5°	1462.9	1445.2	1437.1	1522.4	1720.4	1876.5	2056.7	2026.2	1958.6	1731.7	1609.3
65°	1337.4	1319.7	1306.8	1340.6	1565.9	1665.7	1902.3	1894.2	1738.1	1570.7	1355.1
67.5°	407.2	1200.6	1173.2	1171.6	1319.7	1474.2	1734.9	1722.0	1516.0	1398.5	1166.8
70°	366.9	973.7	1034.8	1020.3	1084.7	1279.4	1543.4	1533.7	1300.4	1121.7	1031.6
72.5°	336.4	344.4	914.1	898.0	912.5	1087.9	1343.8	1318.1	1102.4	885.1	891.6
75°	288.1	302.6	315.4	758.0	738.7	901.2	1126.5	1086.3	909.3	730.6	745.1
77.5°	235.0	252.7	262.3	552.0	597.1	642.1	899.6	846.5	626.0	584.2	278.4
80°	175.4	189.9	206.0	220.5	453.8	449.0	667.9	614.8	436.1	363.7	217.3
82.5°	128.7	133.6	143.2	159.3	180.2	300.9	429.7	378.2	302.6	165.8	149.7
85°	80.5	86.9	91.7	96.6	109.4	180.2	212.4	169.0	127.1	101.4	95.0
87.5°	51.5	51.5	49.9	51.5	53.1	64.4	72.4	69.2	54.7	51.5	51.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3498.7	3476.2	3476.2	3469.8	3474.6	3474.6	3473.0	3474.6	3485.9	3492.3	3503.6
5°	3497.1	3490.7	3505.2	3522.9	3543.8	3569.5	3576.0	3598.5	3619.4	3646.8	3675.8
7.5°	3518.0	3540.6	3567.9	3596.9	3638.7	3669.3	3696.7	3724.0	3743.3	3769.1	3785.2
10°	3548.6	3593.7	3640.3	3677.4	3722.4	3748.2	3765.9	3769.1	3741.7	3698.3	3662.9
12.5°	3592.1	3645.2	3688.6	3724.0	3745.0	3735.3	3683.8	3630.7	3600.1	3555.1	3492.3
15°	3629.1	3677.4	3722.4	3707.9	3651.6	3598.5	3558.3	3495.5	3434.4	3392.5	3365.1
17.5°	3645.2	3691.8	3675.8	3600.1	3547.0	3485.9	3403.8	3355.5	3315.3	3283.1	3267.0
20°	3654.8	3646.8	3559.9	3505.2	3402.2	3345.8	3292.7	3247.7	3217.1	3201.0	3197.8
22.5°	3629.1	3530.9	3456.9	3358.7	3283.1	3236.4	3194.6	3157.5	3136.6	3123.7	3115.7
25°	3543.8	3429.5	3320.1	3242.8	3178.5	3138.2	3106.0	3075.5	3049.7	3043.3	3027.2
27.5°	3424.7	3331.4	3186.5	3127.0	3070.6	3051.3	3015.9	2985.3	2962.8	2943.5	2892.0
30°	3326.5	3178.5	3073.9	3019.1	2985.3	2962.8	2922.6	2890.4	2851.8	2781.0	2752.0
32.5°	3205.8	3059.4	2959.6	2929.0	2887.2	2867.9	2822.8	2752.0	2692.4	2663.5	2661.9
35°	3049.7	2929.0	2856.6	2829.2	2795.4	2763.3	2669.9	2605.5	2576.6	2579.8	2603.9
37.5°	2919.4	2811.5	2764.9	2726.2	2687.6	2605.5	2526.7	2496.1	2504.1	2520.2	2531.5
40°	2787.4	2705.3	2652.2	2621.6	2534.7	2454.3	2412.4	2423.7	2438.2	2449.4	2463.9
42.5°	2658.6	2600.7	2547.6	2488.1	2369.0	2325.5	2335.2	2349.6	2362.5	2378.6	2393.1
45°	2536.3	2484.8	2423.7	2288.5	2228.9	2240.2	2254.7	2266.0	2285.3	2296.5	2311.0
47.5°	2420.5	2365.7	2257.9	2138.8	2132.4	2154.9	2167.8	2182.3	2196.8	2167.8	1195.7
50°	2290.1	2233.8	2069.6	2024.6	2039.0	2060.0	2076.1	2090.5	1862.0	740.3	569.7
52.5°	2161.4	2018.1	1913.5	1926.4	1940.9	1965.0	1976.3	1467.7	584.2	556.8	558.4
55°	2018.1	1834.7	1804.1	1820.2	1833.0	1857.2	1231.2	539.1	535.9	534.3	547.2
57.5°	1792.8	1681.8	1694.6	1710.7	1723.6	1216.7	524.6	521.4	523.0	524.6	526.3
60°	1591.6	1567.5	1582.0	1596.5	1129.8	506.9	497.3	498.9	505.3	500.5	487.6
62.5°	1432.3	1451.6	1466.1	1284.3	481.2	476.4	481.2	476.4	465.1	457.1	441.0
65°	1310.0	1329.3	1340.6	452.2	450.6	457.1	452.2	436.1	418.4	395.9	391.1
67.5°	1181.3	1200.6	429.7	418.4	424.9	416.8	397.5	378.2	365.3	346.0	338.0
70°	1047.7	449.0	389.5	387.9	376.6	363.7	342.8	323.5	307.4	299.3	291.3
72.5°	756.4	355.7	350.8	338.0	318.7	300.9	283.2	272.0	263.9	259.1	254.3
75°	315.4	309.0	294.5	272.0	252.7	244.6	231.7	223.7	220.5	210.8	207.6
77.5°	263.9	251.1	230.1	214.0	202.8	197.9	188.3	178.6	173.8	172.2	165.8
80°	202.8	185.1	175.4	167.4	164.2	152.9	141.6	136.8	133.6	132.0	127.1
82.5°	138.4	132.0	125.5	114.3	114.3	109.4	104.6	101.4	98.2	98.2	95.0
85°	90.1	85.3	83.7	78.9	78.9	75.6	74.0	72.4	70.8	69.2	67.6
87.5°	51.5	51.5	53.1	51.5	51.5	49.9	48.3	46.7	45.1	45.1	41.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3518.0	3534.1	3537.3	3592.1	3622.6	3621.0	3611.4	3640.3	3622.6	3613.0	3622.6
5°	3704.7	3724.0	3740.1	3799.7	3820.6	3830.3	3828.6	3844.7	3831.9	3820.6	3820.6
7.5°	3796.5	3802.9	3809.3	3794.8	3785.2	3769.1	3745.0	3709.5	3691.8	3672.5	3648.4
10°	3645.2	3624.3	3632.3	3603.3	3579.2	3561.5	3539.0	3510.0	3485.9	3468.1	3440.8
12.5°	3460.1	3458.5	3461.7	3466.5	3442.4	3427.9	3410.2	3389.3	3371.6	3352.3	3329.7
15°	3347.4	3349.1	3361.9	3357.1	3349.1	3341.0	3321.7	3315.3	3299.2	3278.2	3265.4
17.5°	3267.0	3275.0	3287.9	3281.5	3268.6	3260.5	3246.1	3231.6	3217.1	3201.0	3181.7
20°	3196.2	3204.2	3212.3	3204.2	3180.1	3168.8	3149.5	3104.4	3072.2	3040.1	3011.1
22.5°	3118.9	3123.7	3117.3	3091.6	3030.4	3001.4	2978.9	2966.0	2938.7	2921.0	2903.3
25°	3022.4	2995.0	2953.2	2924.2	2900.0	2887.2	2877.5	2875.9	2872.7	2869.5	2861.4
27.5°	2864.6	2855.0	2832.5	2821.2	2822.8	2827.6	2829.2	2834.1	2829.2	2822.8	2816.4
30°	2747.2	2752.0	2753.6	2756.8	2764.9	2769.7	2771.3	2777.7	2774.5	2769.7	2766.5
32.5°	2673.1	2684.4	2690.8	2700.5	2705.3	2713.4	2713.4	2723.0	2713.4	2711.8	2708.5
35°	2612.0	2621.6	2624.8	2639.3	2644.2	2652.2	2652.2	2660.3	2652.2	2570.1	2029.4
37.5°	2550.8	2560.5	2566.9	2579.8	2581.4	2586.2	2386.7	1746.1	1126.5	872.3	666.3
40°	2478.4	2489.7	2496.1	2500.9	1757.4	1115.3	767.7	624.4	624.4	629.3	634.1
42.5°	2401.1	2409.2	1678.6	976.9	608.3	606.7	611.6	616.4	621.2	627.6	634.1
45°	1887.8	952.7	605.1	590.6	595.5	601.9	608.3	614.8	622.8	629.3	632.5
47.5°	619.6	581.0	589.0	582.6	590.6	598.7	605.1	611.6	613.2	614.8	613.2
50°	572.9	572.9	577.8	577.8	584.2	587.4	587.4	587.4	581.0	579.4	574.5
52.5°	553.6	566.5	560.1	563.3	560.1	555.2	550.4	545.6	535.9	532.7	526.3
55°	544.0	548.8	532.7	527.9	521.4	508.6	502.1	495.7	487.6	484.4	476.4
57.5°	521.4	510.2	492.5	484.4	473.1	460.3	453.8	449.0	441.0	437.7	432.9
60°	479.6	457.1	445.8	436.1	423.3	412.0	407.2	403.9	397.5	395.9	391.1
62.5°	428.1	408.8	399.1	386.2	376.6	370.2	365.3	363.7	357.3	357.3	354.1
65°	371.8	362.1	354.1	341.2	336.4	329.9	328.3	326.7	323.5	321.9	318.7
67.5°	326.7	320.3	309.0	302.6	299.3	294.5	291.3	288.1	281.6	278.4	273.6
70°	286.5	281.6	270.4	265.5	259.1	251.1	246.2	243.0	238.2	235.0	230.1
72.5°	247.8	233.4	225.3	220.5	215.7	207.6	206.0	202.8	197.9	196.3	191.5
75°	199.6	188.3	183.5	180.2	175.4	170.6	170.6	170.6	165.8	164.2	162.5
77.5°	159.3	152.9	149.7	146.5	144.8	141.6	136.8	135.2	130.4	130.4	128.7
80°	122.3	119.1	115.9	114.3	112.7	109.4	106.2	104.6	99.8	99.8	98.2
82.5°	90.1	88.5	86.9	85.3	83.7	82.1	77.2	75.6	72.4	72.4	70.8
85°	64.4	62.8	59.5	57.9	57.9	56.3	51.5	49.9	46.7	46.7	46.7
87.5°	40.2	38.6	37.0	35.4	33.8	32.2	29.0	27.4	27.4	24.1	22.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3603.3	3630.7	3627.5	3646.8	3651.6	3661.3	3664.5	3666.1	3642.0	3661.3	3662.9
5°	3815.8	3820.6	3823.8	3831.9	3839.9	3841.5	3833.5	3823.8	3827.0	3820.6	3804.5
7.5°	3645.2	3621.0	3616.2	3609.8	3606.6	3603.3	3588.8	3601.7	3587.2	3580.8	3558.3
10°	3436.0	3413.4	3411.8	3411.8	3416.6	3415.0	3411.8	3405.4	3418.3	3410.2	3405.4
12.5°	3326.5	3318.5	3323.3	3320.1	3333.0	3336.2	3333.0	3333.0	3329.7	3323.3	3326.5
15°	3260.5	3254.1	3258.9	3254.1	3263.8	3265.4	3257.3	3262.2	3254.1	3246.1	3242.8
17.5°	3173.6	3159.2	3147.9	3131.8	3133.4	3130.2	3120.5	3120.5	3112.5	3091.6	3093.2
20°	3006.3	2991.8	2985.3	2985.3	2993.4	2996.6	2995.0	2998.2	2990.2	2987.0	2974.1
22.5°	2901.7	2900.0	2903.3	2911.3	2924.2	2941.9	2943.5	2943.5	2943.5	2941.9	2925.8
25°	2864.6	2864.6	2867.9	2879.1	2888.8	2901.7	2904.9	2908.1	2904.9	2904.9	2890.4
27.5°	2822.8	2819.6	2826.0	2837.3	2848.5	2858.2	2866.3	2867.9	2863.0	2863.0	2867.9
30°	2771.3	2769.7	2777.7	2789.0	2798.7	2808.3	2816.4	2822.8	2816.4	2816.4	2811.5
32.5°	2718.2	2718.2	2721.4	2653.8	2460.7	2216.1	2220.9	2079.3	1981.1	1857.2	2021.3
35°	1696.3	1234.4	1060.6	898.0	783.8	709.7	708.1	684.0	672.7	664.7	663.1
37.5°	640.5	643.7	650.2	653.4	658.2	661.4	663.1	663.1	663.1	663.1	661.4
40°	638.9	645.3	650.2	655.0	659.8	663.1	663.1	664.7	666.3	666.3	666.3
42.5°	640.5	647.0	653.4	658.2	661.4	663.1	664.7	666.3	666.3	666.3	666.3
45°	638.9	642.1	642.1	643.7	643.7	643.7	645.3	645.3	643.7	642.1	645.3
47.5°	614.8	614.8	609.9	608.3	606.7	603.5	605.1	603.5	601.9	600.3	603.5
50°	572.9	566.5	563.3	560.1	558.4	555.2	556.8	555.2	553.6	550.4	555.2
52.5°	523.0	521.4	515.0	511.8	510.2	511.8	508.6	506.9	505.3	503.7	505.3
55°	474.8	468.3	466.7	463.5	461.9	463.5	461.9	460.3	458.7	457.1	458.7
57.5°	431.3	426.5	424.9	421.6	421.6	421.6	421.6	420.0	418.4	416.8	418.4
60°	389.5	386.2	384.6	384.6	383.0	383.0	383.0	381.4	379.8	379.8	381.4
62.5°	354.1	354.1	349.2	347.6	347.6	349.2	347.6	346.0	344.4	342.8	346.0
65°	317.0	310.6	309.0	305.8	302.6	304.2	302.6	300.9	299.3	297.7	300.9
67.5°	272.0	270.4	263.9	260.7	259.1	260.7	259.1	257.5	255.9	254.3	257.5
70°	228.5	228.5	222.1	220.5	218.9	218.9	217.3	217.3	215.7	214.0	217.3
72.5°	189.9	189.9	188.3	185.1	183.5	181.9	180.2	178.6	178.6	180.2	180.2
75°	157.7	154.5	148.1	149.7	148.1	146.5	146.5	144.8	143.2	146.5	144.8
77.5°	123.9	122.3	117.5	119.1	117.5	115.9	115.9	114.3	112.7	114.3	114.3
80°	93.3	93.3	91.7	90.1	90.1	88.5	86.9	86.9	85.3	86.9	86.9
82.5°	67.6	67.6	66.0	64.4	62.8	62.8	61.2	61.2	61.2	61.2	61.2
85°	43.5	41.8	41.8	38.6	38.6	38.6	37.0	37.0	37.0	37.0	37.0
87.5°	20.9	20.9	19.3	19.3	17.7	16.1	16.1	14.5	14.5	16.1	16.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3633.9	3654.8	3637.1	3645.2	3646.8	3674.1	3672.5	3679.0	3667.7	3654.8	3637.1
5°	3819.0	3809.3	3796.5	3827.0	3810.9	3830.3	3836.7	3849.6	3849.6	3848.0	3833.5
7.5°	3582.4	3561.5	3577.6	3588.8	3593.7	3580.8	3606.6	3635.5	3659.7	3674.1	3675.8
10°	3397.3	3403.8	3402.2	3407.0	3418.3	3416.6	3432.7	3448.8	3455.3	3464.9	3468.1
12.5°	3310.4	3308.8	3312.0	3323.3	3329.7	3328.1	3344.2	3353.9	3357.1	3358.7	3357.1
15°	3241.2	3230.0	3238.0	3239.6	3244.4	3244.4	3263.8	3278.2	3284.7	3287.9	3284.7
17.5°	3110.9	3083.5	3109.3	3109.3	3127.0	3123.7	3154.3	3178.5	3191.3	3201.0	3201.0
20°	2982.1	2969.2	2978.9	2975.7	2988.6	2987.0	3006.3	3022.4	3033.6	3041.7	3051.3
22.5°	2930.6	2933.8	2919.4	2921.0	2921.0	2919.4	2929.0	2937.1	2940.3	2945.1	2941.9
25°	2896.8	2900.0	2895.2	2887.2	2884.0	2887.2	2892.0	2901.7	2903.3	2900.0	2888.8
27.5°	2863.0	2853.4	2861.4	2846.9	2843.7	2850.2	2856.6	2858.2	2859.8	2859.8	2850.2
30°	2811.5	2803.5	2811.5	2805.1	2798.7	2805.1	2809.9	2809.9	2813.1	2814.8	2803.5
32.5°	1965.0	1981.1	2241.8	2399.5	2621.6	2734.3	2755.2	2755.2	2758.4	2758.4	2748.8
35°	669.5	671.1	725.8	787.0	917.3	1078.3	1289.1	1398.5	1768.7	2211.2	2639.3
37.5°	661.4	659.8	658.2	656.6	655.0	653.4	650.2	648.6	658.2	780.5	1059.0
40°	664.7	663.1	659.8	658.2	656.6	653.4	651.8	648.6	645.3	642.1	638.9
42.5°	664.7	663.1	661.4	659.8	658.2	656.6	653.4	650.2	647.0	642.1	637.3
45°	642.1	642.1	643.7	643.7	645.3	645.3	645.3	643.7	643.7	642.1	635.7
47.5°	600.3	600.3	605.1	605.1	608.3	611.6	611.6	614.8	619.6	622.8	624.4
50°	552.0	552.0	556.8	558.4	561.7	566.5	571.3	572.9	577.8	584.2	590.6
52.5°	503.7	503.7	508.6	508.6	511.8	516.6	521.4	523.0	529.5	535.9	544.0
55°	458.7	458.7	461.9	463.5	465.1	468.3	473.1	473.1	479.6	484.4	492.5
57.5°	418.4	421.6	421.6	421.6	423.3	426.5	429.7	429.7	434.5	439.4	445.8
60°	379.8	383.0	383.0	383.0	384.6	386.2	389.5	389.5	392.7	395.9	402.3
62.5°	344.4	347.6	347.6	349.2	349.2	350.8	354.1	352.4	355.7	357.3	362.1
65°	299.3	302.6	304.2	305.8	307.4	310.6	315.4	313.8	318.7	321.9	326.7
67.5°	255.9	259.1	259.1	260.7	262.3	265.5	268.8	268.8	273.6	276.8	283.2
70°	215.7	218.9	218.9	220.5	222.1	225.3	228.5	226.9	231.7	235.0	239.8
72.5°	178.6	181.9	181.9	183.5	183.5	186.7	189.9	193.1	193.1	196.3	199.6
75°	144.8	146.5	148.1	148.1	149.7	151.3	154.5	157.7	159.3	160.9	164.2
77.5°	114.3	115.9	117.5	117.5	119.1	120.7	122.3	128.7	132.0	133.6	133.6
80°	86.9	88.5	88.5	88.5	90.1	91.7	95.0	95.0	101.4	101.4	103.0
82.5°	61.2	62.8	62.8	62.8	64.4	67.6	69.2	70.8	74.0	75.6	75.6
85°	37.0	38.6	38.6	38.6	40.2	41.8	45.1	46.7	48.3	48.3	49.9
87.5°	14.5	16.1	17.7	17.7	19.3	20.9	22.5	24.1	25.7	25.7	27.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3617.8	3629.1	3617.8	3624.3	3632.3	3617.8	3584.0	3571.1	3566.3	3547.0	3534.1
5°	3819.0	3819.0	3814.2	3827.0	3825.4	3802.9	3767.5	3751.4	3735.3	3714.4	3698.3
7.5°	3675.8	3688.6	3696.7	3746.6	3778.8	3782.0	3804.5	3809.3	3815.8	3809.3	3799.7
10°	3469.8	3464.9	3487.5	3534.1	3561.5	3576.0	3619.4	3640.3	3658.1	3693.5	3730.5
12.5°	3353.9	3360.3	3370.0	3403.8	3429.5	3423.1	3440.8	3455.3	3476.2	3511.6	3564.7
15°	3276.6	3283.1	3292.7	3318.5	3334.6	3326.5	3336.2	3345.8	3360.3	3378.0	3410.2
17.5°	3192.9	3204.2	3215.5	3242.8	3257.3	3255.7	3263.8	3267.0	3271.8	3283.1	3305.6
20°	3062.6	3098.0	3120.5	3157.5	3178.5	3175.2	3189.7	3194.6	3201.0	3212.3	3221.9
22.5°	2943.5	2953.2	2964.4	3004.7	3040.1	3083.5	3093.2	3106.0	3122.1	3133.4	3143.1
25°	2875.9	2869.5	2874.3	2901.7	2921.0	2924.2	2938.7	2980.5	3024.0	3043.3	3065.8
27.5°	2835.7	2829.2	2827.6	2840.5	2843.7	2835.7	2832.5	2845.3	2877.5	2909.7	2977.3
30°	2792.2	2784.2	2777.7	2789.0	2793.8	2782.6	2761.6	2750.4	2769.7	2777.7	2805.1
32.5°	2740.7	2732.7	2729.5	2735.9	2739.1	2729.5	2706.9	2694.1	2690.8	2684.4	2690.8
35°	2682.8	2674.7	2669.9	2671.5	2678.0	2669.9	2650.6	2634.5	2626.5	2608.8	2595.9
37.5°	1382.4	1958.6	2542.8	2603.9	2610.4	2608.8	2589.4	2571.7	2563.7	2542.8	2536.3
40°	632.5	706.5	1060.6	1385.6	1998.8	2539.6	2521.9	2504.1	2489.7	2483.2	2459.1
42.5°	630.9	632.5	634.1	626.0	775.7	1321.3	1950.5	2434.9	2425.3	2409.2	2391.5
45°	630.9	622.8	629.3	619.6	622.8	621.2	774.1	1248.9	2222.5	2322.3	2314.2
47.5°	624.4	619.6	626.0	618.0	608.3	613.2	606.7	614.8	959.2	1627.1	2228.9
50°	595.5	598.7	609.9	608.3	600.3	606.7	595.5	605.1	597.1	655.0	1261.7
52.5°	552.0	558.4	569.7	579.4	582.6	590.6	587.4	590.6	584.2	585.8	587.4
55°	500.5	508.6	518.2	532.7	539.1	552.0	561.7	566.5	574.5	572.9	560.1
57.5°	452.2	460.3	468.3	482.8	497.3	503.7	521.4	531.1	552.0	547.2	544.0
60°	407.2	413.6	421.6	424.9	442.6	453.8	469.9	479.6	506.9	513.4	523.0
62.5°	366.9	370.2	376.6	381.4	392.7	403.9	412.0	428.1	442.6	463.5	478.0
65°	329.9	333.1	338.0	341.2	342.8	358.9	363.7	381.4	386.2	408.8	421.6
67.5°	288.1	294.5	300.9	304.2	307.4	317.0	320.3	328.3	339.6	349.2	365.3
70°	244.6	249.4	255.9	260.7	267.2	273.6	283.2	288.1	296.1	302.6	315.4
72.5°	204.4	209.2	212.4	217.3	222.1	226.9	235.0	246.2	252.7	263.9	267.2
75°	165.8	170.6	173.8	177.0	181.9	185.1	188.3	199.6	206.0	215.7	225.3
77.5°	136.8	136.8	140.0	149.7	148.1	148.1	151.3	157.7	162.5	169.0	178.6
80°	106.2	107.8	109.4	117.5	119.1	120.7	119.1	123.9	128.7	130.4	136.8
82.5°	78.9	80.5	80.5	85.3	90.1	90.1	90.1	91.7	96.6	98.2	101.4
85°	53.1	54.7	56.3	57.9	61.2	62.8	64.4	64.4	67.6	69.2	70.8
87.5°	29.0	32.2	33.8	35.4	37.0	38.6	40.2	41.8	43.5	45.1	46.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6	3511.6
2.5°	3529.3	3521.3	3516.4	3503.6	3500.3	3479.4	3482.6	3479.4	3479.4	3484.2	3500.3
5°	3680.6	3642.0	3632.3	3604.9	3582.4	3543.8	3519.6	3506.8	3487.5	3479.4	3490.7
7.5°	3783.6	3754.6	3730.5	3706.3	3674.1	3629.1	3595.3	3556.7	3524.5	3493.9	3485.9
10°	3765.9	3798.1	3798.1	3783.6	3753.0	3707.9	3667.7	3619.4	3563.1	3514.8	3485.9
12.5°	3616.2	3672.5	3717.6	3751.4	3782.0	3751.4	3711.2	3672.5	3609.8	3539.0	3485.9
15°	3452.1	3510.0	3566.3	3637.1	3711.2	3741.7	3740.1	3695.1	3638.7	3564.7	3490.7
17.5°	3336.2	3376.4	3407.0	3484.2	3574.4	3653.2	3706.3	3709.5	3654.8	3588.8	3492.3
20°	3249.3	3278.2	3304.0	3347.4	3426.3	3522.9	3621.0	3675.8	3666.1	3593.7	3497.1
22.5°	3170.4	3191.3	3212.3	3244.4	3307.2	3370.0	3484.2	3596.9	3645.2	3585.6	3492.3
25°	3091.6	3114.1	3130.2	3152.7	3202.6	3254.1	3334.6	3474.6	3582.4	3579.2	3482.6
27.5°	2998.2	3028.8	3048.1	3078.7	3112.5	3151.1	3205.8	3337.8	3492.3	3547.0	3456.9
30°	2885.6	2930.6	2959.6	2993.4	3022.4	3056.2	3099.6	3180.1	3371.6	3484.2	3429.5
32.5°	2723.0	2803.5	2867.9	2900.0	2932.2	2961.2	2999.8	3067.4	3223.5	3398.9	3398.9
35°	2607.1	2644.2	2702.1	2795.4	2835.7	2864.6	2900.0	2953.2	3052.9	3297.6	3349.1
37.5°	2517.0	2531.5	2560.5	2652.2	2727.8	2774.5	2809.9	2843.7	2941.9	3159.2	3284.7
40°	2449.4	2444.6	2441.4	2484.8	2592.7	2666.7	2706.9	2740.7	2816.4	2993.4	3199.4
42.5°	2370.6	2365.7	2349.6	2360.9	2414.0	2537.9	2599.1	2636.1	2698.9	2819.6	3106.0
45°	2288.5	2280.4	2274.0	2262.7	2282.1	2351.3	2476.8	2531.5	2566.9	2674.7	2988.6
47.5°	2204.8	2193.5	2185.5	2175.8	2164.6	2196.8	2315.9	2414.0	2475.2	2542.8	2846.9
50°	2085.7	2100.2	2090.5	2079.3	2069.6	2063.2	2113.1	2274.0	2349.6	2404.4	2674.7
52.5°	983.3	1911.9	1992.4	1981.1	1968.2	1957.0	1968.2	2090.5	2227.3	2270.8	2467.1
55°	560.1	851.3	1771.9	1873.3	1862.0	1845.9	1836.3	1878.1	2082.5	2140.4	2277.2
57.5°	539.1	540.7	782.1	1688.2	1751.0	1736.5	1725.2	1734.9	1908.7	2006.9	2111.5
60°	521.4	521.4	521.4	746.7	1614.2	1619.0	1604.5	1588.4	1664.1	1857.2	1944.1
62.5°	482.8	492.5	497.3	497.3	737.1	1495.1	1480.6	1475.8	1479.0	1676.9	1776.7
65°	432.9	455.4	465.1	471.5	471.5	774.1	1353.5	1345.4	1334.2	1409.8	1607.7
67.5°	378.2	400.7	421.6	434.5	436.1	450.6	807.9	1211.8	1195.7	1197.4	1427.5
70°	321.9	341.2	363.7	383.0	400.7	408.8	421.6	1005.8	1059.0	1036.4	1223.1
72.5°	278.4	286.5	302.6	321.9	342.8	362.1	373.4	400.7	918.9	894.8	930.2
75°	231.7	238.2	249.4	262.3	278.4	300.9	320.3	339.6	487.6	750.0	745.1
77.5°	180.2	191.5	204.4	212.4	220.5	236.6	262.3	281.6	300.9	506.9	597.1
80°	138.4	146.5	152.9	160.9	170.6	181.9	191.5	214.0	236.6	254.3	457.1
82.5°	103.0	107.8	112.7	115.9	119.1	125.5	143.2	151.3	165.8	181.9	215.7
85°	72.4	75.6	78.9	80.5	82.1	83.7	90.1	91.7	106.2	109.4	130.4
87.5°	46.7	48.3	51.5	53.1	53.1	54.7	56.3	56.3	56.3	53.1	64.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P#

CATALOG NUMBER: 8SNLED-LD5-79SL-RW-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	3511.6	3511.6
2.5°	3513.2	3539.0
5°	3508.4	3542.2
7.5°	3495.5	3527.7
10°	3476.2	3514.8
12.5°	3455.3	3492.3
15°	3437.6	3464.9
17.5°	3418.3	3434.4
20°	3392.5	3405.4
22.5°	3366.8	3360.3
25°	3337.8	3323.3
27.5°	3300.8	3273.4
30°	3267.0	3218.7
32.5°	3234.8	3155.9
35°	3191.3	3091.6
37.5°	3146.3	3025.6
40°	3093.2	2949.9
42.5°	3036.8	2874.3
45°	2966.0	2801.9
47.5°	2903.3	2715.0
50°	2816.4	2621.6
52.5°	2710.1	2534.7
55°	2584.6	2428.5
57.5°	2449.4	2317.5
60°	2304.6	2190.3
62.5°	2129.2	2058.4
65°	1923.2	1907.1
67.5°	1654.4	1739.7
70°	1356.7	1548.2
72.5°	1134.6	1345.4
75°	930.2	1118.5
77.5°	737.1	877.1
80°	460.3	642.1
82.5°	309.0	421.6
85°	186.7	201.2
87.5°	72.4	74.0
90°	0.0	0.0

(END OF REPORT)