

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-LD5-62SL-RM-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 (P33524)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-62SL-RM-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
METALIC FINISH REFLECTOR
Light Source: -
Ballast/Driver: -

Summary

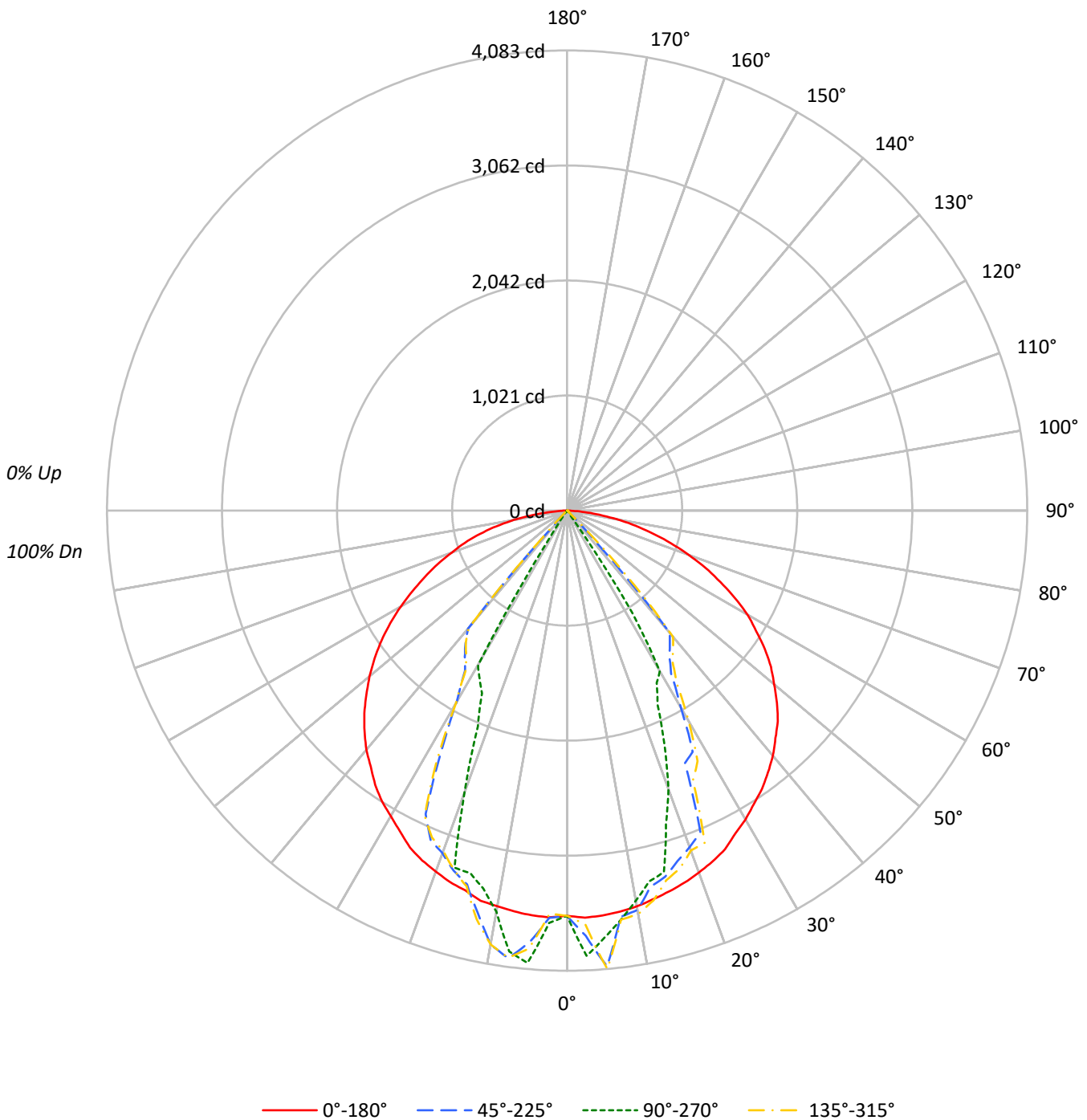
Lumens per Lamp: N/A
Luminaire Lumens: 5112.0 lumens
Efficiency: N/A
Efficacy: 121.7 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 0.81 / 0.97
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 42
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



TEST NUMBER: P#
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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	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	112	108	105	103	109	106	103	101	102	100	98	98	96	95	95	93	92	90																												
2	105	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	81																												
3	98	90	83	78	95	88	82	78	85	80	76	83	79	75	80	77	74	72																												
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65																												
5	85	75	68	63	84	74	68	63	72	66	62	71	65	61	69	64	61	59																												
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	55	54																												
7	75	64	57	52	74	64	57	52	62	56	52	61	55	51	60	55	51	49																												
8	71	60	53	48	70	59	52	48	58	52	47	57	51	47	56	51	47	45																												
9	67	56	49	44	66	55	49	44	54	48	44	53	48	44	52	47	44	42																												
10	63	52	45	41	62	52	45	41	51	45	41	50	44	41	49	44	40	39																												

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14526	14526	14526	14526
5°	14605	14940	14601	15821
10°	14591	13519	14582	13909
15°	14571	12619	14535	12651
20°	14610	9939	14568	10062
25°	14675	7193	14603	6787
30°	14633	6309	14478	6065
35°	14704	139	14488	169
40°	14785	30	14431	30
45°	14873	18	14314	13
50°	14802	14	14122	14
55°	14765	10	13858	10
60°	14551	11	13414	11
65°	13874	17	12886	12
70°	12980	19	12356	19
75°	11634	21	11826	21
80°	9687	24	10240	24
85°	6069	28	6195	28



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	360.7	7.1
10°-20°	983.8	19.2
20°-30°	1251.9	24.5
30°-40°	1057.5	20.7
40°-50°	691.4	13.5
50°-60°	435.6	8.5
60°-70°	231.9	4.5
70°-80°	84.5	1.7
80°-90°	14.5	0.3
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°	2596.5	50.8
0°-40°	3654.0	71.5
0°-60°	4781.0	93.5
0°-90°	5112.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5112.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3595	3595	3595	3595	3595	
5°	3606	3804	3605	4029	3606	343
15°	3498	3320	3489	3329	3498	989
25°	3316	1896	3300	1789	3316	1525
35°	3014	36	2969	43	3014	1885
45°	2644	4	2544	3	2644	2033
55°	2143	2	2011	2	2143	1909
65°	1500	3	1393	2	1500	1485
75°	789	3	802	3	789	837
85°	154	3	158	3	154	195
90°	0	0	0	0	0	



TEST NUMBER: P#

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CANDELA DISTRIBUTION (FULL):

	0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3615.6	3617.8	3618.9	3621.0	3624.3	3625.4	3627.5	3625.4	3625.4	3625.4	3625.4
5°	3605.9	3610.2	3613.5	3617.8	3625.4	3626.4	3635.1	3636.1	3640.5	3649.1	3655.6
7.5°	3589.7	3594.1	3600.5	3611.3	3622.1	3634.0	3649.1	3665.3	3687.9	3709.5	3736.5
10°	3566.0	3571.4	3579.0	3588.7	3641.5	3649.1	3682.5	3728.9	3741.9	3809.9	3860.6
12.5°	3531.5	3549.8	3569.2	3577.9	3628.6	3708.4	3820.6	3798.0	3773.2	3995.4	3992.2
15°	3498.0	3522.8	3513.1	3583.3	3629.7	3768.9	3721.4	3822.8	4008.4	3963.1	3965.2
17.5°	3462.4	3467.8	3521.8	3580.0	3663.1	3734.3	3792.6	3931.8	3968.5	3971.7	3931.8
20°	3417.1	3443.0	3521.8	3574.6	3714.9	3748.4	3874.6	3945.8	3930.7	3894.0	3826.0
22.5°	3370.7	3449.5	3529.3	3603.8	3702.0	3791.5	3854.1	3887.5	3808.8	3664.2	3586.5
25°	3315.7	3362.1	3466.7	3575.7	3698.7	3750.5	3787.2	3733.2	3630.7	3501.3	3370.7
27.5°	3230.4	3304.9	3438.7	3561.7	3672.8	3735.4	3676.1	3546.6	3381.5	3296.3	3236.9
30°	3164.6	3261.7	3371.8	3490.5	3605.9	3642.6	3491.6	3343.7	3230.4	3145.2	3132.3
32.5°	3084.8	3222.9	3327.6	3440.8	3538.0	3489.4	3342.7	3151.7	3057.8	3025.4	3038.4
35°	3013.6	3118.2	3255.3	3366.4	3436.5	3327.6	3095.6	2976.9	2931.6	2949.9	2926.2
37.5°	2928.3	3066.4	3192.7	3288.7	3265.0	3101.0	2904.6	2829.1	2834.5	2819.4	2774.0
40°	2839.9	2971.5	3103.1	3193.8	3110.7	2860.4	2729.8	2713.6	2716.9	2668.3	2603.6
42.5°	2736.3	2856.0	2987.7	3069.7	2890.6	2695.3	2606.8	2609.0	2580.9	2512.9	2478.4
45°	2643.5	2753.5	2890.6	2898.1	2678.0	2515.1	2489.2	2461.1	2398.6	2375.9	2350.0
47.5°	2524.8	2646.7	2760.0	2719.0	2469.8	2368.3	2348.9	2287.4	2256.1	2238.9	2217.3
50°	2398.6	2521.6	2625.1	2508.6	2273.4	2249.7	2186.0	2137.4	2115.9	2097.5	2078.1
52.5°	2278.8	2380.2	2486.0	2285.3	2122.3	2099.7	2027.4	1999.3	1977.8	1957.3	1952.9
55°	2142.8	2232.4	2304.7	2072.7	1977.8	1924.9	1873.1	1853.7	1833.2	1823.5	1839.7
57.5°	1988.5	2090.0	2079.2	1863.4	1821.3	1744.7	1725.3	1712.3	1697.2	1703.7	1568.8
60°	1849.4	1927.0	1874.2	1710.2	1639.0	1587.2	1569.9	1561.3	1569.9	1438.3	1264.6
62.5°	1677.8	1765.2	1658.4	1531.1	1455.5	1430.7	1415.6	1427.5	1301.2	1156.7	1114.6
65°	1499.8	1594.7	1437.2	1339.0	1291.5	1270.0	1268.9	1168.5	1044.4	988.3	988.3
67.5°	1328.2	1426.4	1223.6	1141.6	1123.2	1125.4	1062.8	910.7	876.1	838.4	729.4
70°	1145.9	1232.2	1011.0	961.4	950.6	943.0	790.9	749.9	708.9	608.5	599.9
72.5°	964.6	1006.7	812.5	800.6	798.4	663.6	633.4	563.2	515.7	503.9	498.5
75°	788.7	775.8	642.0	652.8	550.3	502.8	454.2	413.2	406.8	402.5	100.3
77.5°	622.6	557.8	506.0	440.2	393.8	334.5	324.8	318.3	209.3	75.5	61.5
80°	453.2	361.5	336.6	285.9	243.8	234.1	239.5	73.4	58.3	48.6	42.1
82.5°	288.1	230.9	188.8	165.1	160.8	70.1	51.8	42.1	36.7	31.3	25.9
85°	154.3	102.5	94.9	79.8	47.5	32.4	27.0	20.5	17.3	14.0	12.9
87.5°	48.6	41.0	33.4	27.0	16.2	10.8	8.6	7.6	6.5	5.4	5.4
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):

	11°	12°	13°	14°	15°	16°	17°	18°	19°	20°	25°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3623.2	3625.4	3624.3	3627.5	3627.5	3631.8	3635.1	3638.3	3644.8	3648.0	3672.8
5°	3669.6	3675.0	3691.2	3706.3	3724.6	3730.0	3761.3	3768.9	3805.5	3809.9	3930.7
7.5°	3773.2	3793.7	3832.5	3871.4	3910.2	3935.0	3978.2	4005.2	4034.3	4060.2	4156.2
10°	3898.3	3932.9	3970.6	4009.5	4032.1	4079.6	4105.5	4109.8	4102.3	4060.2	3904.8
12.5°	4021.3	4055.9	4039.7	4047.2	4074.2	3990.0	4001.9	3941.5	3983.6	3775.3	3621.0
15°	4004.1	4001.9	3962.0	3832.5	3854.1	3693.3	3628.6	3579.0	3618.9	3597.3	3573.6
17.5°	3952.3	3854.1	3785.0	3629.7	3563.9	3518.5	3519.6	3520.7	3501.3	3521.8	3461.3
20°	3733.2	3623.2	3520.7	3465.7	3446.2	3413.9	3430.1	3413.9	3415.0	3421.4	3328.6
22.5°	3441.9	3408.5	3349.1	3366.4	3359.9	3389.1	3367.5	3334.0	3344.8	3296.3	3226.1
25°	3324.3	3285.5	3283.3	3289.8	3280.1	3267.1	3247.7	3197.0	3193.8	3178.7	3146.3
27.5°	3205.6	3207.8	3214.3	3194.8	3160.3	3134.4	3105.3	3080.5	3090.2	3072.9	3028.7
30°	3123.6	3122.6	3083.7	3066.4	3002.8	3003.9	2996.3	2981.2	2971.5	2972.6	2944.5
32.5°	3007.1	2973.7	2929.4	2907.8	2902.4	2883.0	2867.9	2871.1	2878.7	2851.7	2880.9
35°	2887.3	2818.3	2811.8	2793.5	2776.2	2763.3	2768.6	2747.1	2746.0	2742.8	2505.4
37.5°	2726.6	2693.1	2689.9	2670.5	2658.6	2655.4	2634.9	2638.1	2647.8	2665.1	2136.4
40°	2593.9	2563.6	2556.1	2555.0	2529.1	2527.0	2532.4	2552.9	2566.9	2459.0	2036.0
42.5°	2451.4	2453.6	2429.8	2414.7	2418.0	2427.7	2453.6	2382.4	2064.1	1967.0	1861.2
45°	2329.5	2318.7	2305.8	2301.5	2329.5	2310.1	2025.2	1868.8	1831.0	1826.7	1530.0
47.5°	2202.2	2198.9	2193.6	2196.8	2037.1	1815.9	1751.2	1730.7	1737.1	1732.8	1314.2
50°	2073.8	2078.1	2078.1	1814.8	1665.9	1629.3	1634.6	1653.0	1538.6	1436.1	1224.6
52.5°	1962.7	1929.2	1653.0	1558.0	1524.6	1540.8	1501.9	1358.4	1254.8	1194.4	1132.9
55°	1756.6	1510.6	1449.1	1434.0	1445.8	1302.3	1213.8	1121.1	1094.1	1087.6	1052.0
57.5°	1382.2	1332.5	1337.9	1277.5	1140.5	1059.6	1023.9	1011.0	999.1	990.5	86.3
60°	1222.5	1236.5	1131.8	1002.4	947.3	936.5	927.9	916.0	913.9	898.8	55.0
62.5°	1118.9	984.0	893.4	861.0	848.1	844.8	828.7	823.3	699.2	96.0	41.0
65°	843.8	788.7	771.5	763.9	749.9	749.9	622.6	98.2	79.8	69.1	36.7
67.5°	688.4	684.1	675.4	665.7	453.2	94.9	83.1	72.3	62.6	55.0	32.4
70°	582.6	580.5	528.7	97.1	80.9	71.2	62.6	56.1	51.8	46.4	29.1
72.5°	478.0	97.1	82.0	71.2	61.5	56.1	50.7	45.3	41.0	37.8	23.7
75°	74.4	65.8	58.3	52.9	48.6	43.2	38.8	35.6	34.5	30.2	16.2
77.5°	53.9	46.4	42.1	37.8	33.4	30.2	25.9	22.7	20.5	17.3	11.9
80°	37.8	33.4	30.2	24.8	21.6	18.3	16.2	14.0	12.9	10.8	5.4
82.5°	21.6	18.3	16.2	12.9	11.9	9.7	8.6	7.6	7.6	5.4	5.4
85°	9.7	9.7	7.6	6.5	5.4	5.4	5.4	4.3	4.3	3.2	3.2
87.5°	4.3	4.3	4.3	4.3	4.3	3.2	3.2	3.2	3.2	3.2	2.2
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):

	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3707.4	3721.4	3748.4	3776.4	3745.1	3857.3	3848.7	3886.5	3907.0	3916.7	3939.3
5°	4037.5	4100.1	4120.6	4059.1	4023.5	3986.8	3903.7	3841.1	3848.7	3828.2	3753.7
7.5°	4031.0	3897.3	3717.1	3635.1	3628.6	3618.9	3644.8	3659.9	3662.0	3661.0	3658.8
10°	3690.1	3621.0	3609.2	3598.4	3602.7	3562.8	3544.4	3492.6	3520.7	3505.6	3511.0
12.5°	3586.5	3570.3	3506.7	3418.2	3471.1	3431.1	3408.5	3423.6	3406.3	3390.1	3384.7
15°	3525.0	3420.3	3384.7	3363.2	3348.1	3339.4	3347.0	3329.7	3324.3	3321.1	3328.6
17.5°	3397.7	3355.6	3316.8	3259.6	3260.7	3257.4	3279.0	3311.4	3313.5	3147.4	2997.4
20°	3297.3	3262.8	3213.2	3177.6	3226.1	3139.8	2806.4	2647.8	2623.0	2623.0	2627.3
22.5°	3217.5	3140.9	3144.1	3088.0	2633.8	2541.0	2543.1	2552.9	2508.6	2357.6	2341.4
25°	3108.5	3096.7	2860.4	2471.9	2475.2	2402.9	2291.7	2135.3	1965.9	1965.9	1937.8
27.5°	3026.5	2775.1	2429.8	2413.7	2170.9	2017.7	1922.7	1779.2	1759.8	1741.5	1743.6
30°	2956.4	2347.8	2356.5	2017.7	1838.6	1711.3	1703.7	1680.0	1668.1	1664.9	1653.0
32.5°	2337.1	2286.3	1972.4	1717.7	1647.6	1627.1	1617.4	1590.4	1589.3	1568.8	1426.4
35°	2191.4	2006.9	1650.8	1581.8	1561.3	1541.9	1525.7	1023.9	120.8	48.6	42.1
37.5°	2025.2	1676.7	1526.7	1495.5	1476.0	1090.8	109.0	37.8	27.0	19.4	17.3
40°	1716.6	1497.6	1450.1	1415.6	583.7	37.8	23.7	18.3	10.8	9.7	8.6
42.5°	1448.0	1411.3	1360.6	414.3	43.2	18.3	11.9	8.6	7.6	7.6	6.5
45°	1355.2	1322.8	548.1	41.0	27.0	8.6	7.6	7.6	6.5	4.3	4.3
47.5°	1268.9	1116.7	49.6	25.9	17.3	7.6	6.5	4.3	4.3	4.3	3.2
50°	1177.2	61.5	34.5	19.4	10.8	4.3	4.3	4.3	4.3	3.2	3.2
52.5°	220.1	43.2	28.1	17.3	5.4	4.3	4.3	4.3	3.2	3.2	3.2
55°	51.8	34.5	25.9	15.1	4.3	4.3	4.3	3.2	3.2	3.2	2.2
57.5°	38.8	25.9	20.5	14.0	4.3	3.2	3.2	3.2	3.2	3.2	2.2
60°	32.4	18.3	16.2	12.9	3.2	3.2	3.2	3.2	3.2	3.2	2.2
62.5°	22.7	15.1	11.9	9.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2
65°	18.3	11.9	9.7	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
67.5°	16.2	9.7	6.5	2.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
70°	12.9	3.2	3.2	2.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
72.5°	10.8	3.2	2.2	2.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
75°	10.8	5.4	2.2	2.2	3.2	3.2	4.3	4.3	3.2	3.2	3.2
77.5°	7.6	5.4	2.2	2.2	3.2	3.2	4.3	4.3	3.2	3.2	3.2
80°	4.3	5.4	2.2	3.2	3.2	6.5	7.6	4.3	3.2	3.2	3.2
82.5°	4.3	5.4	6.5	6.5	3.2	5.4	6.5	5.4	4.3	3.2	3.2
85°	4.3	3.2	4.3	5.4	3.2	5.4	5.4	4.3	4.3	3.2	3.2
87.5°	2.2	3.2	3.2	4.3	4.3	4.3	5.4	4.3	4.3	4.3	3.2
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3950.1	3954.4	3886.5	3862.7	3883.2	3878.9	3860.6	3792.6	3785.0	3739.7	3673.9
5°	3775.3	3804.5	3768.9	3830.4	3801.2	3830.4	3918.8	3959.8	4026.7	4067.7	4082.8
7.5°	3653.4	3659.9	3659.9	3665.3	3670.7	3671.7	3665.3	3661.0	3642.6	3620.0	3661.0
10°	3505.6	3513.1	3526.1	3523.9	3522.8	3545.5	3550.9	3597.3	3595.1	3603.8	3635.1
12.5°	3429.0	3370.7	3423.6	3409.6	3429.0	3398.8	3454.9	3445.2	3448.4	3474.3	3541.2
15°	3301.7	3320.0	3333.0	3333.0	3340.5	3334.0	3327.6	3371.8	3398.8	3399.8	3395.5
17.5°	3056.7	2917.5	3060.0	3023.3	3315.7	3323.2	3298.4	3277.9	3277.9	3294.1	3328.6
20°	2624.1	2627.3	2628.4	2642.4	2659.7	2658.6	2659.7	3084.8	3286.6	3240.2	3208.9
22.5°	2300.4	2260.5	2334.9	2329.5	2422.3	2524.8	2623.0	2613.3	2619.7	2919.7	3189.4
25°	1844.0	1895.8	1853.7	1872.0	1976.7	2098.6	2174.1	2371.6	2586.3	2571.2	2641.3
27.5°	1736.1	1722.0	1741.5	1741.5	1755.5	1771.7	1813.8	1924.9	2115.9	2316.6	2506.5
30°	1633.6	1645.4	1647.6	1667.0	1677.8	1688.6	1695.1	1737.1	1780.3	1919.5	2153.6
32.5°	1226.8	1075.7	1415.6	1507.3	1585.0	1603.4	1616.3	1633.6	1664.9	1685.4	1803.0
35°	35.6	35.6	37.8	43.2	55.0	371.2	1413.5	1558.0	1578.5	1604.4	1626.0
37.5°	17.3	12.9	15.1	16.2	19.4	27.0	38.8	120.8	1345.5	1521.4	1545.1
40°	7.6	7.6	7.6	7.6	8.6	10.8	16.2	27.0	41.0	1082.2	1459.9
42.5°	6.5	6.5	6.5	6.5	6.5	6.5	7.6	9.7	19.4	46.4	766.1
45°	4.3	4.3	3.2	4.3	4.3	5.4	6.5	6.5	8.6	29.1	52.9
47.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	5.4	6.5	19.4	28.1
50°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	15.1	19.4
52.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	6.5	17.3
55°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.2	3.2	4.3	15.1
57.5°	2.2	2.2	2.2	2.2	2.2	3.2	2.2	2.2	3.2	3.2	14.0
60°	2.2	2.2	2.2	2.2	2.2	3.2	3.2	3.2	3.2	3.2	12.9
62.5°	3.2	3.2	2.2	3.2	2.2	2.2	3.2	3.2	3.2	3.2	8.6
65°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.2	3.2
67.5°	3.2	3.2	3.2	3.2	2.2	3.2	2.2	3.2	3.2	2.2	2.2
70°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.2	2.2	2.2	2.2
72.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.2	2.2	2.2	2.2
75°	3.2	3.2	3.2	3.2	3.2	3.2	4.3	4.3	2.2	2.2	2.2
77.5°	3.2	3.2	3.2	3.2	3.2	3.2	5.4	6.5	5.4	5.4	2.2
80°	3.2	3.2	3.2	3.2	3.2	3.2	5.4	5.4	5.4	5.4	7.6
82.5°	3.2	3.2	3.2	3.2	3.2	3.2	4.3	4.3	4.3	4.3	5.4
85°	3.2	3.2	3.2	3.2	3.2	3.2	4.3	4.3	4.3	3.2	4.3
87.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.3	3.2	3.2	3.2
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	140°	145°	150°	155°	160°	161°	162°	163°	164°	165°	166°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3679.3	3642.6	3630.7	3605.9	3603.8	3605.9	3600.5	3593.0	3597.3	3589.7	3583.3
5°	4091.5	3993.3	3929.6	3844.4	3726.8	3700.9	3694.4	3657.7	3644.8	3640.5	3623.2
7.5°	3758.1	3937.2	4045.1	4081.8	3943.6	3911.3	3873.5	3843.3	3814.2	3759.1	3725.7
10°	3610.2	3618.9	3722.5	3843.3	4039.7	4066.7	4087.2	4021.3	4003.0	3862.7	3832.5
12.5°	3575.7	3576.8	3588.7	3662.0	3816.3	3833.6	3905.9	3944.7	3992.2	4019.2	3997.6
15°	3418.2	3505.6	3570.3	3576.8	3590.8	3621.0	3642.6	3777.5	3834.7	3987.9	3979.3
17.5°	3344.8	3372.9	3466.7	3543.4	3530.4	3519.6	3536.9	3555.2	3610.2	3763.5	3761.3
20°	3222.9	3312.4	3363.2	3443.0	3515.3	3518.5	3499.1	3488.3	3466.7	3491.6	3514.2
22.5°	3171.1	3185.1	3280.1	3336.2	3418.2	3447.3	3451.6	3452.7	3440.8	3427.9	3421.4
25°	3165.7	3121.5	3170.0	3240.2	3300.6	3331.9	3367.5	3379.3	3375.0	3375.0	3368.6
27.5°	2590.6	3107.4	3081.5	3127.9	3201.3	3222.9	3241.2	3277.9	3300.6	3316.8	3324.3
30°	2467.6	2560.4	3012.5	3019.0	3093.4	3091.3	3111.8	3142.0	3171.1	3208.9	3218.6
32.5°	2182.8	2410.4	2757.9	2910.0	2987.7	2995.2	3006.0	3014.7	3041.6	3083.7	3120.4
35°	1749.0	2195.7	2363.0	2858.2	2872.2	2887.3	2893.8	2914.3	2922.9	2940.2	2972.6
37.5°	1582.9	1814.8	2266.9	2471.9	2739.5	2752.5	2787.0	2795.6	2809.6	2823.7	2848.5
40°	1486.8	1550.5	1887.1	2207.6	2632.7	2641.3	2653.2	2674.8	2675.9	2692.0	2714.7
42.5°	1410.2	1451.2	1549.4	2108.3	2557.2	2556.1	2528.0	2542.1	2548.5	2565.8	2597.1
45°	1126.4	1361.7	1424.2	1722.0	2036.0	2182.8	2464.4	2418.0	2416.9	2423.4	2456.8
47.5°	57.2	1280.7	1325.0	1421.0	1922.7	1928.1	1964.8	2273.4	2320.9	2305.8	2309.0
50°	38.8	88.5	1234.3	1278.6	1657.3	1791.1	1818.1	1832.1	2010.1	2208.7	2176.3
52.5°	30.2	50.7	756.4	1186.9	1346.6	1444.7	1618.5	1717.7	1728.5	1808.4	2079.2
55°	27.0	38.8	82.0	1095.2	1144.8	1166.4	1267.8	1441.5	1581.8	1623.9	1627.1
57.5°	23.7	35.6	56.1	495.2	1041.2	1045.5	1062.8	1123.2	1249.5	1364.9	1495.5
60°	21.6	31.3	44.2	85.2	946.3	957.0	960.3	976.5	991.6	1070.3	1220.3
62.5°	12.9	24.8	38.8	61.5	748.8	859.9	858.9	869.7	883.7	892.3	922.5
65°	10.8	19.4	33.4	51.8	91.7	114.4	694.9	772.5	781.2	793.0	798.4
67.5°	9.7	17.3	24.8	41.0	69.1	78.8	90.6	112.2	612.9	690.5	701.3
70°	8.6	11.9	20.5	34.5	56.1	60.4	68.0	77.7	91.7	113.3	554.6
72.5°	5.4	8.6	14.0	24.8	43.2	48.6	52.9	59.3	65.8	78.8	90.6
75°	2.2	6.5	11.9	18.3	33.4	36.7	39.9	44.2	49.6	58.3	64.7
77.5°	2.2	5.4	9.7	12.9	21.6	24.8	29.1	32.4	36.7	41.0	47.5
80°	7.6	4.3	6.5	9.7	15.1	16.2	18.3	20.5	23.7	27.0	31.3
82.5°	5.4	6.5	7.6	6.5	7.6	9.7	10.8	12.9	14.0	16.2	17.3
85°	4.3	4.3	5.4	5.4	5.4	5.4	5.4	5.4	6.5	7.6	9.7
87.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.3	4.3
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	167°	168°	169°	170°	171°	172°	173°	174°	175°	176°	177°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3583.3	3581.1	3574.6	3574.6	3573.6	3577.9	3581.1	3584.4	3583.3	3589.7	3583.3
5°	3610.2	3604.9	3595.1	3586.5	3583.3	3585.4	3582.2	3585.4	3581.1	3586.5	3576.8
7.5°	3684.7	3666.4	3628.6	3613.5	3594.1	3593.0	3583.3	3581.1	3574.6	3574.6	3562.8
10°	3816.3	3727.9	3717.1	3671.7	3655.6	3576.8	3594.1	3564.9	3561.7	3547.7	3542.3
12.5°	3924.2	3855.2	3834.7	3794.8	3749.4	3589.7	3625.4	3562.8	3559.5	3531.5	3502.3
15°	3926.4	3966.3	3910.2	3800.1	3790.4	3680.4	3608.1	3586.5	3558.5	3474.3	3488.3
17.5°	3800.1	3891.9	3918.8	3895.1	3826.0	3751.6	3650.2	3607.0	3522.8	3485.1	3459.2
20°	3595.1	3687.9	3803.4	3810.9	3854.1	3801.2	3668.5	3598.4	3497.0	3431.1	3409.6
22.5°	3432.2	3500.2	3632.9	3694.4	3747.3	3765.6	3681.5	3577.9	3451.6	3388.0	3375.0
25°	3345.9	3361.0	3400.9	3473.2	3589.7	3673.9	3685.8	3575.7	3509.9	3370.7	3297.3
27.5°	3314.6	3301.7	3285.5	3322.2	3409.6	3512.1	3580.0	3598.4	3434.4	3301.7	3228.3
30°	3234.8	3242.3	3217.5	3204.6	3261.7	3367.5	3488.3	3518.5	3392.3	3255.3	3171.1
32.5°	3136.6	3149.5	3153.8	3131.2	3119.3	3192.7	3323.2	3395.5	3389.1	3189.4	3095.6
35°	3013.6	3050.3	3060.0	3061.0	3041.6	3029.8	3105.3	3255.3	3312.4	3159.2	3023.3
37.5°	2884.1	2894.9	2947.8	2961.8	2961.8	2926.2	2982.3	3102.0	3181.9	3091.3	2934.8
40°	2722.3	2756.8	2806.4	2831.2	2856.0	2859.3	2828.0	2912.2	3043.8	3021.1	2851.7
42.5°	2604.6	2627.3	2657.5	2691.0	2741.7	2754.6	2722.3	2737.4	2874.4	2933.7	2743.8
45°	2467.6	2497.8	2506.5	2543.1	2596.0	2633.8	2632.7	2601.4	2711.5	2784.8	2665.1
47.5°	2327.3	2356.5	2371.6	2389.9	2428.8	2477.3	2504.3	2490.3	2511.9	2655.4	2560.4
50°	2182.8	2198.9	2229.2	2249.7	2275.6	2303.6	2368.3	2381.3	2351.1	2465.5	2445.0
52.5°	2045.7	2051.1	2071.6	2092.1	2126.7	2147.2	2198.9	2237.8	2235.6	2269.1	2316.6
55°	1938.9	1915.2	1919.5	1935.7	1958.3	1989.6	2018.8	2079.2	2099.7	2106.2	2181.7
57.5°	1514.9	1758.7	1780.3	1779.2	1806.2	1820.2	1847.2	1887.1	1960.5	1944.3	2028.5
60°	1376.8	1403.7	1607.7	1631.4	1641.1	1654.1	1686.4	1723.1	1777.1	1811.6	1848.3
62.5°	1049.8	1213.8	1275.3	1455.5	1483.6	1491.1	1512.7	1530.0	1586.1	1664.9	1649.8
65°	812.5	882.6	1070.3	1143.7	1296.9	1316.3	1346.6	1364.9	1381.1	1471.7	1476.0
67.5°	702.4	713.2	763.9	905.3	1002.4	1152.3	1170.7	1186.9	1211.7	1276.4	1316.3
70°	599.9	612.9	626.9	638.8	765.0	864.3	1003.4	1008.8	1025.0	1068.2	1158.8
72.5°	113.3	512.5	521.1	528.7	542.7	608.5	741.3	849.2	855.6	876.1	959.2
75°	76.6	89.6	123.0	423.0	437.0	441.3	464.0	598.8	698.1	702.4	739.1
77.5°	55.0	61.5	74.4	88.5	225.5	338.8	344.2	369.0	471.5	546.0	552.4
80°	37.8	42.1	49.6	56.1	69.1	90.6	250.3	257.9	270.8	373.3	392.7
82.5°	21.6	24.8	29.1	35.6	41.0	51.8	66.9	86.3	175.9	187.7	249.2
85°	10.8	11.9	14.0	17.3	20.5	24.8	33.4	41.0	56.1	101.4	104.7
87.5°	5.4	5.4	5.4	5.4	8.6	9.7	11.9	15.1	19.4	29.1	37.8
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	178°	179°	180°	181°	182°	183°	184°	185°	186°	187°	188°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3584.4	3599.5	3612.4	3615.6	3615.6	3617.8	3621.0	3623.2	3625.4	3627.5	3625.4
5°	3577.9	3594.1	3604.9	3608.1	3608.1	3614.6	3620.0	3626.4	3629.7	3629.7	3627.5
7.5°	3561.7	3573.6	3587.6	3596.2	3597.3	3608.1	3617.8	3616.7	3621.0	3623.2	3628.6
10°	3540.1	3540.1	3563.9	3570.3	3575.7	3587.6	3590.8	3597.3	3612.4	3614.6	3628.6
12.5°	3529.3	3518.5	3546.6	3549.8	3568.2	3553.1	3572.5	3579.0	3563.9	3584.4	3557.4
15°	3480.8	3493.7	3489.4	3499.1	3531.5	3514.2	3567.1	3549.8	3588.7	3542.3	3624.3
17.5°	3440.8	3438.7	3456.0	3464.6	3471.1	3507.7	3521.8	3541.2	3556.3	3543.4	3575.7
20°	3411.7	3394.5	3407.4	3417.1	3439.8	3467.8	3476.5	3447.3	3498.0	3584.4	3604.9
22.5°	3356.7	3344.8	3359.9	3359.9	3394.5	3390.1	3422.5	3404.2	3451.6	3552.0	3656.6
25°	3282.2	3283.3	3299.5	3318.9	3325.4	3374.0	3391.2	3415.0	3474.3	3594.1	3657.7
27.5°	3206.7	3200.2	3209.9	3249.9	3283.3	3318.9	3324.3	3405.2	3486.2	3568.2	3624.3
30°	3131.2	3124.7	3131.2	3160.3	3200.2	3224.0	3283.3	3391.2	3466.7	3522.8	3575.7
32.5°	3050.3	3043.8	3058.9	3080.5	3150.6	3153.8	3271.4	3372.9	3432.2	3473.2	3463.5
35°	2963.9	2955.3	2969.3	3002.8	3067.5	3091.3	3214.3	3289.8	3356.7	3376.1	3330.8
37.5°	2860.4	2845.3	2862.5	2908.9	2976.9	3045.9	3148.4	3235.8	3271.4	3219.7	3165.7
40°	2752.5	2741.7	2771.9	2795.6	2875.5	2971.5	3089.1	3150.6	3127.9	3068.6	3009.3
42.5°	2656.4	2633.8	2660.7	2706.1	2796.7	2905.7	3000.6	3035.2	2981.2	2893.8	2824.8
45°	2538.8	2511.9	2544.2	2604.6	2701.8	2825.8	2900.3	2888.4	2796.7	2721.2	2626.2
47.5°	2415.8	2383.5	2415.8	2488.1	2597.1	2728.7	2782.7	2728.7	2613.3	2518.3	2441.7
50°	2295.0	2257.2	2288.5	2397.5	2504.3	2605.7	2604.6	2500.0	2430.9	2327.3	2260.5
52.5°	2175.2	2121.3	2152.6	2271.2	2378.1	2493.5	2408.3	2311.2	2228.1	2137.4	2115.9
55°	2027.4	1969.1	2011.2	2183.8	2265.8	2333.8	2197.9	2112.6	2030.6	1985.3	1958.3
57.5°	1887.1	1823.5	1860.2	2064.1	2124.5	2141.8	2016.6	1895.8	1847.2	1832.1	1793.3
60°	1742.5	1670.3	1704.8	1940.0	1982.1	1911.9	1788.9	1695.1	1685.4	1655.1	1624.9
62.5°	1604.4	1524.6	1546.2	1785.7	1805.1	1677.8	1564.5	1539.7	1516.0	1485.7	1469.6
65°	1445.8	1362.7	1393.0	1621.7	1603.4	1439.4	1375.7	1370.3	1339.0	1314.2	1337.9
67.5°	1300.2	1202.0	1244.1	1442.6	1359.5	1225.7	1199.8	1186.9	1162.1	1176.1	926.8
70°	1140.5	1033.7	1090.8	1249.5	1126.4	1038.0	1028.3	1008.8	1009.9	802.8	676.5
72.5°	962.4	869.7	952.7	1038.0	891.2	865.3	851.3	849.2	685.1	556.8	525.5
75°	806.0	712.1	801.7	834.0	710.0	692.7	691.6	571.9	449.9	429.4	419.7
77.5°	629.0	556.8	642.0	593.4	544.9	525.5	471.5	353.9	338.8	324.8	121.9
80°	424.0	429.4	479.1	408.9	388.4	331.2	261.1	250.3	215.8	86.3	68.0
82.5°	257.9	323.7	305.3	255.7	250.3	180.2	165.1	84.2	62.6	49.6	43.2
85°	133.8	164.0	157.5	139.2	103.6	92.8	51.8	39.9	32.4	24.8	20.5
87.5°	45.3	60.4	58.3	46.4	35.6	28.1	18.3	15.1	10.8	8.6	7.6
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	189°	190°	191°	192°	193°	194°	195°	196°	197°	198°	199°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3623.2	3623.2	3621.0	3623.2	3624.3	3622.1	3622.1	3624.3	3625.4	3626.4	3631.8
5°	3628.6	3630.7	3634.0	3640.5	3641.5	3654.5	3659.9	3663.1	3666.4	3667.4	3659.9
7.5°	3640.5	3648.0	3654.5	3653.4	3645.9	3625.4	3618.9	3613.5	3623.2	3648.0	3677.1
10°	3651.2	3616.7	3552.0	3640.5	3613.5	3638.3	3711.7	3727.9	3777.5	3847.6	3868.1
12.5°	3576.8	3671.7	3692.2	3593.0	3776.4	3708.4	3789.4	3860.6	3881.1	3952.3	3909.1
15°	3656.6	3703.0	3734.3	3833.6	3822.8	3881.1	3903.7	3889.7	3892.9	3911.3	3959.8
17.5°	3655.6	3748.4	3768.9	3835.8	3881.1	3882.1	3875.7	3869.2	3886.5	3900.5	3871.4
20°	3718.1	3748.4	3788.3	3815.3	3823.9	3834.7	3855.2	3839.0	3806.6	3775.3	3762.4
22.5°	3686.9	3754.8	3789.4	3793.7	3788.3	3754.8	3724.6	3679.3	3664.2	3648.0	3653.4
25°	3693.3	3724.6	3720.3	3703.0	3680.4	3617.8	3602.7	3583.3	3554.1	3484.0	3420.3
27.5°	3646.9	3630.7	3611.3	3569.2	3528.2	3494.8	3457.0	3394.5	3342.7	3267.1	3239.1
30°	3569.2	3504.5	3457.0	3432.2	3392.3	3336.2	3279.0	3202.4	3136.6	3121.5	3107.4
32.5°	3420.3	3356.7	3317.8	3257.4	3189.4	3122.6	3056.7	3026.5	3012.5	3014.7	3001.7
35°	3268.2	3212.1	3153.8	3063.2	3012.5	2945.6	2921.9	2915.4	2902.4	2888.4	2873.3
37.5°	3106.4	3040.5	2953.2	2899.2	2848.5	2821.5	2809.6	2799.9	2777.3	2752.5	2735.2
40°	2949.9	2831.2	2782.7	2729.8	2714.7	2702.8	2685.6	2661.8	2630.5	2626.2	2618.7
42.5°	2740.6	2655.4	2613.3	2602.5	2584.1	2563.6	2548.5	2522.6	2509.7	2518.3	2524.8
45°	2542.1	2498.9	2484.9	2471.9	2437.4	2408.3	2398.6	2389.9	2400.7	2448.2	2334.9
47.5°	2381.3	2364.0	2346.8	2325.2	2292.8	2271.2	2281.0	2289.6	2299.3	1950.8	1780.3
50°	2242.1	2218.4	2191.4	2167.7	2148.2	2146.1	2196.8	2044.7	1712.3	1703.7	1531.1
52.5°	2090.0	2054.4	2038.2	2024.2	2032.8	2065.2	1709.1	1586.1	1521.4	1321.7	1233.3
55°	1926.0	1894.7	1894.7	1907.6	1861.2	1508.4	1490.1	1288.3	1166.4	1131.8	1117.8
57.5°	1762.0	1758.7	1777.1	1624.9	1369.2	1313.1	1103.8	1059.6	1040.1	1035.8	1013.2
60°	1612.0	1642.2	1374.6	1264.6	1099.5	991.6	961.4	956.0	935.5	927.9	907.4
62.5°	1492.2	1237.6	1152.3	940.9	885.8	871.8	855.6	848.1	829.7	732.6	214.7
65°	1077.9	1018.6	826.5	790.9	786.6	766.1	759.6	683.0	160.8	107.9	91.7
67.5°	813.5	721.8	697.0	690.5	670.0	629.0	186.7	106.8	91.7	79.8	70.1
70°	624.7	608.5	590.2	575.1	169.4	105.7	91.7	77.7	66.9	59.3	53.9
72.5°	511.4	500.6	291.3	111.1	90.6	76.6	68.0	59.3	51.8	47.5	43.2
75°	400.3	111.1	91.7	76.6	65.8	56.1	49.6	44.2	39.9	36.7	33.4
77.5°	90.6	73.4	62.6	52.9	47.5	42.1	37.8	32.4	29.1	25.9	21.6
80°	56.1	48.6	41.0	37.8	32.4	27.0	23.7	21.6	17.3	16.2	14.0
82.5°	36.7	29.1	25.9	21.6	17.3	16.2	14.0	10.8	9.7	8.6	7.6
85°	16.2	14.0	11.9	9.7	7.6	6.5	5.4	4.3	4.3	4.3	4.3
87.5°	5.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.2	2.2
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	200°	205°	210°	215°	220°	225°	230°	235°	240°	245°	250°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3634.0	3653.4	3671.7	3666.4	3646.9	3616.7	3608.1	3596.2	3604.9	3623.2	3630.7
5°	3659.9	3649.1	3687.9	3745.1	3837.9	3846.5	3911.3	3926.4	3978.2	4010.5	4009.5
7.5°	3696.6	3849.8	3913.4	3982.5	4013.8	4006.2	4015.9	4008.4	3996.5	3991.1	3984.7
10°	3883.2	3999.8	4023.5	4023.5	3974.9	3909.1	3881.1	3832.5	3735.4	3737.6	3721.4
12.5°	3992.2	4033.2	3977.1	3929.6	3734.3	3658.8	3576.8	3538.0	3515.3	3480.8	3493.7
15°	3935.0	3876.8	3843.3	3690.1	3570.3	3434.4	3436.5	3412.8	3388.0	3390.1	3374.0
17.5°	3850.9	3804.5	3567.1	3461.3	3403.1	3350.2	3340.5	3309.2	3293.0	3287.6	3286.6
20°	3735.4	3568.2	3391.2	3365.3	3295.2	3234.8	3225.1	3234.8	3284.4	3195.9	2896.0
22.5°	3600.5	3359.9	3308.1	3234.8	3187.3	3163.6	3222.9	2953.2	2545.3	2594.9	2542.1
25°	3371.8	3267.1	3178.7	3122.6	3117.2	2971.5	2476.2	2424.5	2162.3	2022.0	1864.5
27.5°	3204.6	3159.2	3066.4	3056.7	2986.6	2429.8	2172.0	1887.1	1782.5	1766.3	1731.8
30°	3103.1	3038.4	2982.3	2737.4	2383.5	1956.2	1742.5	1702.6	1684.3	1664.9	1634.6
32.5°	2981.2	2919.7	2946.7	2301.5	1900.1	1684.3	1641.1	1612.0	1578.5	1565.6	1456.6
35°	2857.1	2829.1	2302.5	1934.6	1633.6	1581.8	1549.4	1519.2	1208.5	292.4	99.3
37.5°	2724.4	2717.9	2069.5	1605.5	1530.0	1481.4	1389.7	287.0	68.0	46.4	34.5
40°	2620.8	2070.6	1635.7	1505.2	1443.7	1367.1	192.1	47.5	30.2	18.3	11.9
42.5°	2551.8	1862.3	1464.2	1412.4	1278.6	141.3	48.6	20.5	11.9	9.7	7.6
45°	1967.0	1470.6	1368.1	1314.2	161.8	48.6	28.1	9.7	7.6	6.5	4.3
47.5°	1814.8	1335.8	1275.3	287.0	53.9	25.9	19.4	6.5	4.3	4.3	4.3
50°	1374.6	1234.3	1015.3	70.1	34.5	18.3	14.0	4.3	4.3	4.3	3.2
52.5°	1205.2	1139.4	109.0	46.4	27.0	14.0	8.6	3.2	3.2	3.2	3.2
55°	1101.6	722.9	64.7	35.6	22.7	12.9	5.4	3.2	3.2	3.2	2.2
57.5°	1007.8	97.1	47.5	30.2	20.5	11.9	3.2	3.2	3.2	3.2	2.2
60°	854.5	70.1	38.8	27.0	19.4	10.8	3.2	3.2	3.2	3.2	3.2
62.5°	111.1	55.0	33.4	23.7	14.0	8.6	2.2	3.2	3.2	3.2	3.2
65°	80.9	43.2	30.2	16.2	8.6	3.2	2.2	3.2	3.2	3.2	3.2
67.5°	62.6	35.6	22.7	14.0	7.6	2.2	2.2	3.2	3.2	3.2	3.2
70°	49.6	30.2	18.3	11.9	6.5	2.2	2.2	3.2	3.2	3.2	3.2
72.5°	38.8	21.6	12.9	6.5	4.3	2.2	2.2	3.2	3.2	3.2	3.2
75°	29.1	17.3	9.7	5.4	2.2	2.2	2.2	3.2	3.2	3.2	3.2
77.5°	19.4	10.8	7.6	4.3	4.3	4.3	5.4	5.4	3.2	3.2	3.2
80°	12.9	7.6	5.4	5.4	5.4	4.3	5.4	5.4	3.2	5.4	3.2
82.5°	6.5	5.4	5.4	4.3	4.3	3.2	4.3	4.3	4.3	4.3	3.2
85°	4.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.3	4.3	3.2
87.5°	2.2	2.2	2.2	2.2	3.2	3.2	3.2	3.2	4.3	4.3	3.2
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	255°	260°	265°	270°	275°	280°	285°	290°	295°	300°	305°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3621.0	3624.3	3615.6	3662.0	3638.3	3640.5	3650.2	3625.4	3630.7	3613.5	3601.6
5°	4013.8	4020.3	4026.7	4028.9	4033.2	4038.6	4032.1	4028.9	4022.4	4000.8	3978.2
7.5°	3952.3	3944.7	3941.5	3945.8	3953.4	3956.6	3951.2	3958.8	3986.8	3998.7	4006.2
10°	3628.6	3594.1	3617.8	3614.6	3587.6	3678.2	3653.4	3667.4	3677.1	3776.4	3836.8
12.5°	3474.3	3495.9	3454.9	3434.4	3461.3	3479.7	3498.0	3459.2	3513.1	3488.3	3568.2
15°	3344.8	3331.9	3327.6	3328.6	3323.2	3349.1	3355.6	3364.2	3371.8	3405.2	3418.2
17.5°	3286.6	3308.1	3316.8	3323.2	3312.4	3300.6	3288.7	3271.4	3276.8	3268.2	3293.0
20°	2694.2	2621.9	2617.6	2659.7	2613.3	2639.2	2701.8	3120.4	3106.4	3269.3	3214.3
22.5°	2248.6	2180.6	2122.3	2071.6	2143.9	2174.1	2290.7	2422.3	2635.9	2602.5	2834.5
25°	1836.4	1811.6	1796.5	1788.9	1794.3	1792.2	1818.1	1879.6	1976.7	2205.4	2501.1
27.5°	1717.7	1705.9	1700.5	1683.2	1696.1	1691.8	1712.3	1725.3	1754.4	1777.1	1873.1
30°	1623.9	1609.8	1600.1	1581.8	1594.7	1595.8	1602.3	1635.7	1647.6	1667.0	1697.2
32.5°	593.4	349.6	328.0	311.8	341.0	444.5	780.1	1363.8	1555.9	1571.0	1605.5
35°	58.3	48.6	43.2	43.2	44.2	48.6	64.7	170.5	311.8	1205.2	1508.4
37.5°	22.7	19.4	16.2	15.1	16.2	18.3	24.8	32.4	44.2	91.7	408.9
40°	9.7	8.6	7.6	7.6	7.6	7.6	8.6	10.8	16.2	30.2	47.5
42.5°	6.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	7.6	9.7	19.4
45°	4.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.3	5.4	8.6
47.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.3
50°	3.2	3.2	3.2	3.2	2.2	3.2	2.2	3.2	3.2	3.2	3.2
52.5°	3.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.2	3.2
55°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.2
57.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
60°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
62.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.2	3.2	2.2
65°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	3.2	2.2
67.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
70°	3.2	3.2	2.2	3.2	2.2	2.2	3.2	3.2	3.2	2.2	2.2
72.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	6.5	6.5	4.3
75°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	5.4	6.5	5.4
77.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	5.4	5.4	5.4
80°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.3	4.3	4.3
82.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.3	4.3	4.3
85°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
87.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	310°	315°	320°	325°	330°	335°	340°	341°	342°	343°	344°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3581.1	3580.0	3602.7	3620.0	3613.5	3620.0	3627.5	3628.6	3630.7	3622.1	3618.9
5°	3935.0	3901.6	3836.8	3790.4	3736.5	3638.3	3589.7	3595.1	3596.2	3593.0	3597.3
7.5°	4003.0	3999.8	3977.1	3967.4	3930.7	3860.6	3748.4	3728.9	3681.5	3651.2	3626.4
10°	3832.5	3910.2	3930.7	3965.2	3986.8	3973.9	3878.9	3864.9	3834.7	3800.1	3807.7
12.5°	3648.0	3711.7	3714.9	3902.6	3944.7	3949.0	3912.4	3931.8	3936.1	3858.4	3813.1
15°	3421.4	3451.6	3515.3	3690.1	3817.4	3897.3	3921.0	3931.8	3878.9	3875.7	3857.3
17.5°	3322.2	3341.6	3370.7	3468.9	3662.0	3779.6	3880.0	3872.4	3892.9	3877.8	3831.4
20°	3197.0	3213.2	3265.0	3314.6	3409.6	3566.0	3753.7	3767.8	3794.8	3791.5	3804.5
22.5°	3194.8	3137.7	3146.3	3185.1	3284.4	3424.7	3624.3	3670.7	3687.9	3699.8	3713.8
25°	2534.5	2988.8	3071.8	3096.7	3161.4	3243.4	3478.6	3495.9	3528.2	3581.1	3620.0
27.5°	2195.7	2504.3	2836.6	3009.3	3050.3	3118.2	3258.5	3284.4	3394.5	3407.4	3467.8
30°	1732.8	1971.3	2467.6	2883.0	2951.0	2998.5	3097.7	3149.5	3197.0	3248.8	3312.4
32.5°	1630.3	1668.1	1943.2	2385.6	2914.3	2878.7	2952.1	2983.4	3035.2	3080.5	3126.9
35°	1536.5	1562.4	1620.6	1954.0	2373.7	2780.5	2830.1	2850.6	2879.8	2914.3	2947.8
37.5°	1438.3	1477.1	1517.0	1606.6	2195.7	2702.8	2701.8	2725.5	2742.8	2771.9	2799.9
40°	261.1	1356.3	1421.0	1479.3	1702.6	2155.8	2580.9	2591.7	2603.6	2621.9	2651.0
42.5°	42.1	226.6	1331.5	1387.6	1451.2	1930.3	2525.9	2481.6	2474.1	2487.0	2512.9
45°	21.6	55.0	267.6	1295.8	1353.0	1539.7	2065.2	2405.0	2397.5	2372.7	2378.1
47.5°	16.2	34.5	65.8	447.8	1266.7	1321.7	1905.5	1885.0	2028.5	2303.6	2261.5
50°	14.0	23.7	38.8	91.7	1118.9	1217.1	1467.4	1714.5	1790.0	1799.7	2129.9
52.5°	12.9	16.2	28.1	59.3	235.2	1125.4	1193.3	1279.7	1407.0	1680.0	1673.5
55°	11.9	15.1	23.7	39.9	82.0	1014.2	1084.4	1100.6	1127.5	1258.1	1430.7
57.5°	6.5	14.0	22.7	34.5	61.5	185.6	984.0	997.0	1018.6	1023.9	1085.4
60°	3.2	12.9	20.5	30.2	45.3	86.3	884.8	899.9	912.8	915.0	934.4
62.5°	2.2	11.9	17.3	28.1	37.8	61.5	209.3	427.3	812.5	812.5	835.1
65°	2.2	8.6	10.8	18.3	34.5	50.7	88.5	102.5	199.6	490.9	732.6
67.5°	2.2	3.2	9.7	15.1	25.9	38.8	64.7	75.5	90.6	103.6	192.1
70°	2.2	2.2	8.6	9.7	16.2	29.1	46.4	52.9	61.5	70.1	80.9
72.5°	2.2	2.2	7.6	7.6	10.8	19.4	35.6	38.8	44.2	49.6	57.2
75°	5.4	4.3	6.5	6.5	7.6	15.1	27.0	30.2	32.4	36.7	42.1
77.5°	5.4	5.4	5.4	5.4	5.4	9.7	17.3	19.4	22.7	24.8	29.1
80°	4.3	4.3	4.3	5.4	5.4	6.5	10.8	11.9	12.9	16.2	17.3
82.5°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.5	7.6	9.7
85°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.3	4.3	4.3	4.3
87.5°	3.2	3.2	3.2	2.2	2.2	3.2	3.2	3.2	3.2	3.2	3.2
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	345°	346°	347°	348°	349°	350°	351°	352°	353°	354°	355°
0°	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3617.8	3611.3	3605.9	3609.2	3599.5	3595.1	3598.4	3599.5	3601.6	3607.0	3608.1
5°	3608.1	3605.9	3615.6	3621.0	3618.9	3621.0	3621.0	3616.7	3610.2	3614.6	3604.9
7.5°	3601.6	3587.6	3576.8	3579.0	3568.2	3581.1	3593.0	3610.2	3615.6	3615.6	3604.9
10°	3712.7	3697.6	3637.2	3596.2	3569.2	3545.5	3601.6	3544.4	3571.4	3468.9	3586.5
12.5°	3804.5	3825.0	3798.0	3685.8	3666.4	3595.1	3636.1	3566.0	3545.5	3427.9	3465.7
15°	3841.1	3802.3	3793.7	3762.4	3720.3	3699.8	3589.7	3577.9	3544.4	3557.4	3507.7
17.5°	3808.8	3828.2	3802.3	3781.8	3738.6	3690.1	3624.3	3566.0	3519.6	3416.0	3503.4
20°	3777.5	3803.4	3725.7	3738.6	3743.0	3686.9	3652.3	3603.8	3545.5	3448.4	3372.9
22.5°	3725.7	3707.4	3713.8	3694.4	3678.2	3685.8	3638.3	3604.9	3506.7	3462.4	3359.9
25°	3641.5	3635.1	3652.3	3650.2	3611.3	3598.4	3574.6	3539.0	3500.2	3429.0	3344.8
27.5°	3504.5	3538.0	3568.2	3582.2	3561.7	3527.2	3514.2	3493.7	3466.7	3394.5	3331.9
30°	3359.9	3397.7	3432.2	3462.4	3480.8	3465.7	3453.8	3441.9	3400.9	3353.5	3283.3
32.5°	3194.8	3244.5	3291.9	3328.6	3368.6	3380.4	3371.8	3362.1	3327.6	3284.4	3228.3
35°	3003.9	3071.8	3140.9	3206.7	3224.0	3252.0	3280.1	3263.9	3245.6	3202.4	3150.6
37.5°	2842.0	2890.6	2940.2	3023.3	3083.7	3119.3	3168.9	3175.4	3144.1	3123.6	3055.7
40°	2674.8	2719.0	2791.3	2839.9	2922.9	2963.9	3016.8	3040.5	3033.0	3021.1	2961.8
42.5°	2543.1	2564.7	2612.2	2655.4	2737.4	2821.5	2867.9	2893.8	2920.8	2911.1	2880.9
45°	2402.9	2422.3	2438.5	2476.2	2556.1	2630.5	2687.7	2726.6	2775.1	2797.8	2761.1
47.5°	2263.7	2269.1	2288.5	2319.8	2367.3	2424.5	2520.5	2578.7	2624.1	2668.3	2644.6
50°	2156.9	2137.4	2140.7	2160.1	2198.9	2255.1	2324.1	2406.1	2457.9	2511.9	2517.2
52.5°	1885.0	2042.5	2004.7	2015.5	2036.0	2063.0	2135.3	2216.2	2279.9	2326.3	2372.7
55°	1581.8	1613.1	1916.3	1873.1	1886.0	1909.8	1943.2	2024.2	2085.7	2150.4	2215.1
57.5°	1226.8	1459.9	1471.7	1752.3	1745.8	1747.9	1776.0	1822.4	1883.9	1964.8	2019.8
60°	953.8	1052.0	1243.0	1340.1	1586.1	1594.7	1610.9	1637.9	1690.8	1767.4	1854.8
62.5°	841.6	854.5	922.5	1068.2	1227.9	1421.0	1455.5	1459.9	1483.6	1560.2	1661.6
65°	739.1	747.7	768.2	783.3	917.1	1103.8	1270.0	1296.9	1312.0	1357.3	1443.7
67.5°	509.3	644.1	662.5	673.3	686.2	772.5	978.6	1115.7	1132.9	1172.8	1248.4
70°	98.2	203.9	557.8	569.7	576.2	595.6	629.0	847.0	961.4	999.1	1033.7
72.5°	66.9	78.8	94.9	224.4	474.7	485.5	493.1	521.1	714.3	824.3	842.7
75°	48.6	53.9	63.7	78.8	97.1	316.1	391.7	405.7	419.7	579.4	672.2
77.5°	34.5	38.8	43.2	50.7	59.3	76.6	110.1	303.2	317.2	324.8	458.6
80°	19.4	23.7	29.1	33.4	37.8	43.2	56.1	70.1	156.5	228.7	240.6
82.5°	10.8	12.9	15.1	18.3	20.5	25.9	31.3	37.8	49.6	73.4	155.4
85°	5.4	5.4	5.4	7.6	8.6	11.9	14.0	16.2	22.7	31.3	43.2
87.5°	3.2	3.2	4.3	4.3	4.3	5.4	5.4	5.4	6.5	9.7	14.0
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-LD5-62SL-RM-UNV-L935-CD1-U

CANDELA DISTRIBUTION (continued):

	356°	357°	358°	359°	360°
0°	3595.1	3595.1	3595.1	3595.1	3595.1
2.5°	3609.2	3605.9	3605.9	3618.9	3615.6
5°	3602.7	3599.5	3598.4	3612.4	3605.9
7.5°	3597.3	3585.4	3582.2	3595.1	3589.7
10°	3575.7	3567.1	3572.5	3568.2	3566.0
12.5°	3539.0	3533.6	3511.0	3513.1	3531.5
15°	3473.2	3494.8	3456.0	3490.5	3498.0
17.5°	3352.4	3400.9	3438.7	3459.2	3462.4
20°	3406.3	3422.5	3403.1	3404.2	3417.1
22.5°	3336.2	3343.7	3349.1	3342.7	3370.7
25°	3224.0	3194.8	3257.4	3270.4	3315.7
27.5°	3189.4	3165.7	3194.8	3192.7	3230.4
30°	3161.4	3084.8	3097.7	3118.2	3164.6
32.5°	3121.5	3000.6	2987.7	3033.0	3084.8
35°	3051.3	2937.0	2906.8	2935.9	3013.6
37.5°	2992.0	2848.5	2788.1	2826.9	2928.3
40°	2903.5	2779.4	2685.6	2720.1	2839.9
42.5°	2797.8	2720.1	2575.5	2599.2	2736.3
45°	2691.0	2621.9	2468.7	2480.6	2643.5
47.5°	2582.0	2518.3	2357.6	2359.7	2524.8
50°	2475.2	2391.0	2258.3	2220.5	2398.6
52.5°	2336.0	2258.3	2157.9	2096.4	2278.8
55°	2204.3	2116.9	2043.6	1948.6	2142.8
57.5°	2075.9	1978.8	1929.2	1807.3	1988.5
60°	1900.1	1853.7	1780.3	1663.8	1849.4
62.5°	1719.9	1704.8	1630.3	1509.5	1677.8
65°	1509.5	1545.1	1468.5	1364.9	1499.8
67.5°	1311.0	1374.6	1290.5	1226.8	1328.2
70°	1099.5	1172.8	1125.4	1102.7	1145.9
72.5°	891.2	962.4	966.8	950.6	964.6
75°	688.4	767.2	810.3	785.5	788.7
77.5°	522.2	560.0	607.5	626.9	622.6
80°	322.6	388.4	427.3	467.2	453.2
82.5°	162.9	218.0	265.4	308.6	288.1
85°	68.0	87.4	121.9	160.8	154.3
87.5°	20.5	34.5	36.7	51.8	48.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)