

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-L950-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-L950-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
METALIC FINISH REFLECTOR
Light Source: -
Ballast/Driver: -

Summary

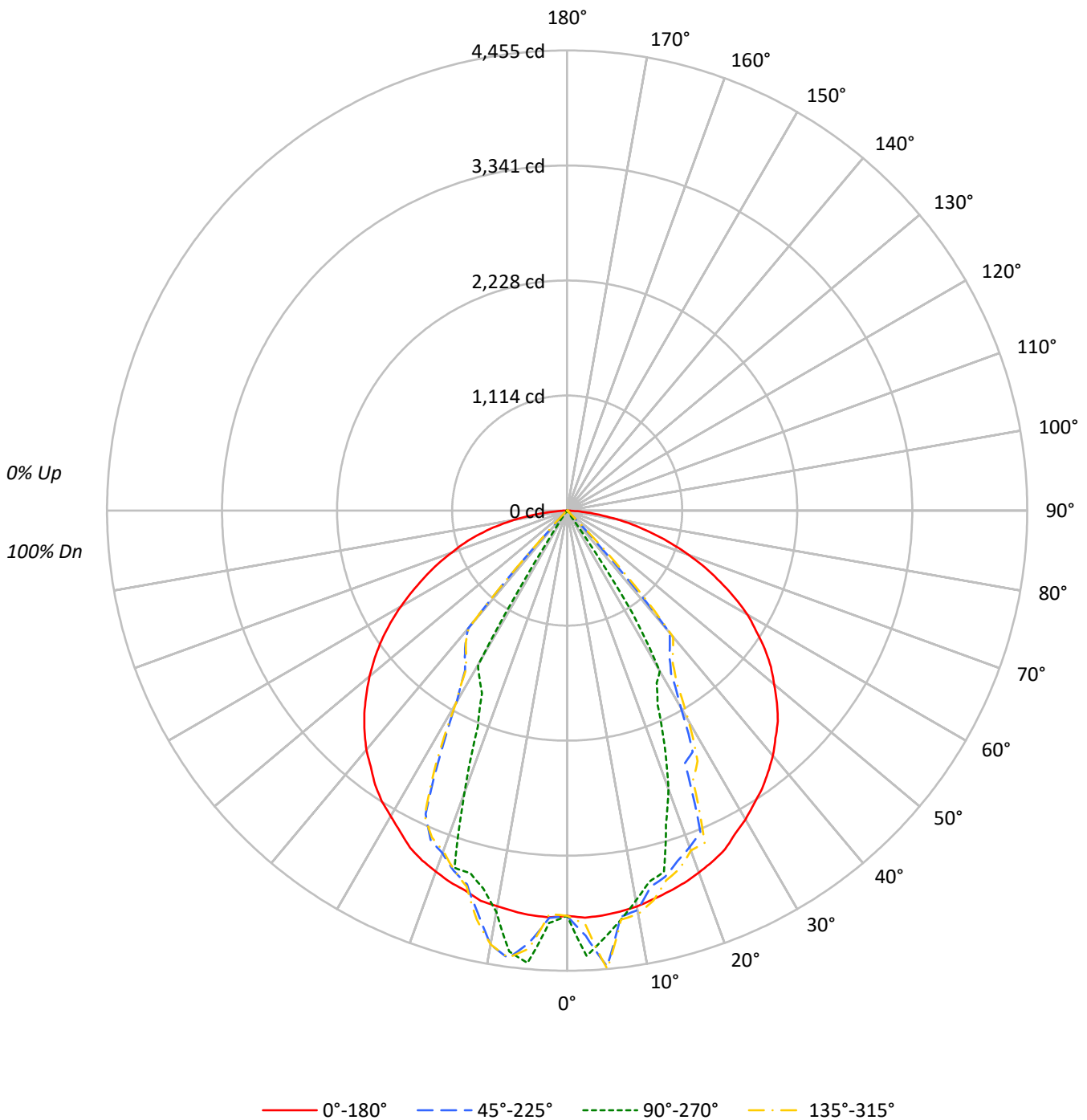
Lumens per Lamp: N/A
Luminaire Lumens: 5578.0 lumens
Efficiency: N/A
Efficacy: 132.8 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 0.81 / 0.97
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

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



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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15851	15851	15851	15851
5°	15937	16302	15932	17264
10°	15921	14751	15911	15177
15°	15900	13769	15861	13805
20°	15942	10845	15896	10979
25°	16013	7848	15935	7406
30°	15967	6885	15798	6618
35°	16044	152	15809	184
40°	16133	33	15747	33
45°	16229	20	15619	15
50°	16151	15	15410	15
55°	16112	11	15122	11
60°	15877	12	14636	12
65°	15139	19	14060	13
70°	14163	20	13483	20
75°	12695	23	12904	23
80°	10570	26	11172	26
85°	6624	31	6762	31



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	393.6	7.1
10°-20°	1073.5	19.2
20°-30°	1366.0	24.5
30°-40°	1153.9	20.7
40°-50°	754.4	13.5
50°-60°	475.3	8.5
60°-70°	253.0	4.5
70°-80°	92.2	1.7
80°-90°	15.9	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°	2833.1	50.8
0°-40°	3987.1	71.5
0°-60°	5216.8	93.5
0°-90°	5578.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5578.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3923	3923	3923	3923	3923	
5°	3935	4151	3934	4396	3935	374
15°	3817	3623	3808	3632	3817	1079
25°	3618	2069	3600	1952	3618	1664
35°	3288	39	3240	47	3288	2057
45°	2884	5	2776	4	2884	2218
55°	2338	2	2194	2	2338	2083
65°	1636	4	1520	2	1636	1621
75°	861	4	875	4	861	913
85°	168	4	172	4	168	213
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3945.2	3947.6	3948.8	3951.1	3954.7	3955.8	3958.2	3955.8	3955.8	3955.8	3955.8
5°	3934.6	3939.3	3942.9	3947.6	3955.8	3957.0	3966.4	3967.6	3972.3	3981.7	3988.8
7.5°	3917.0	3921.7	3928.8	3940.5	3952.3	3965.3	3981.7	3999.4	4024.1	4047.7	4077.1
10°	3891.1	3897.0	3905.2	3915.8	3973.5	3981.7	4018.2	4068.9	4083.0	4157.2	4212.5
12.5°	3853.4	3873.4	3894.6	3904.0	3959.4	4046.5	4168.9	4144.2	4117.1	4359.7	4356.1
15°	3816.9	3844.0	3833.4	3909.9	3960.5	4112.4	4060.6	4171.3	4373.8	4324.3	4326.7
17.5°	3778.1	3783.9	3842.8	3906.4	3997.0	4074.7	4138.3	4290.2	4330.2	4333.8	4290.2
20°	3728.6	3756.9	3842.8	3900.5	4053.6	4090.0	4227.8	4305.5	4289.0	4249.0	4174.8
22.5°	3678.0	3763.9	3851.0	3932.3	4039.4	4137.1	4205.4	4241.9	4156.0	3998.2	3913.4
25°	3617.9	3668.6	3782.8	3901.7	4035.9	4092.4	4132.4	4073.6	3961.7	3820.4	3678.0
27.5°	3524.9	3606.2	3752.2	3886.4	4007.6	4075.9	4011.2	3869.9	3689.8	3596.7	3532.0
30°	3453.1	3559.1	3679.2	3808.7	3934.6	3974.7	3809.8	3648.5	3524.9	3431.9	3417.8
32.5°	3366.0	3516.7	3630.9	3754.5	3860.5	3807.5	3647.4	3439.0	3336.6	3301.2	3315.4
35°	3288.3	3402.5	3552.0	3673.3	3749.8	3630.9	3377.8	3248.3	3198.8	3218.8	3192.9
37.5°	3195.3	3346.0	3483.7	3588.5	3562.6	3383.6	3169.4	3087.0	3092.8	3076.4	3026.9
40°	3098.7	3242.4	3386.0	3484.9	3394.2	3121.1	2978.6	2961.0	2964.5	2911.5	2840.9
42.5°	2985.7	3116.4	3260.0	3349.5	3154.1	2941.0	2844.4	2846.8	2816.2	2742.0	2704.3
45°	2884.5	3004.5	3154.1	3162.3	2922.1	2744.4	2716.1	2685.5	2617.2	2592.5	2564.2
47.5°	2755.0	2888.0	3011.6	2966.9	2694.9	2584.2	2563.0	2495.9	2461.8	2443.0	2419.4
50°	2617.2	2751.4	2864.4	2737.3	2480.6	2454.7	2385.3	2332.3	2308.7	2288.7	2267.5
52.5°	2486.5	2597.2	2712.6	2493.6	2315.8	2291.1	2212.2	2181.6	2158.0	2135.7	2131.0
55°	2338.2	2435.9	2514.8	2261.7	2158.0	2100.4	2043.8	2022.7	2000.3	1989.7	2007.3
57.5°	2169.8	2280.5	2268.7	2033.3	1987.3	1903.7	1882.6	1868.4	1851.9	1859.0	1711.8
60°	2017.9	2102.7	2045.0	1866.1	1788.4	1731.9	1713.0	1703.6	1713.0	1569.4	1379.8
62.5°	1830.7	1926.1	1809.6	1670.6	1588.2	1561.1	1544.7	1557.6	1419.9	1262.1	1216.2
65°	1636.5	1740.1	1568.2	1461.1	1409.3	1385.7	1384.5	1275.0	1139.7	1078.4	1078.4
67.5°	1449.3	1556.4	1335.1	1245.6	1225.6	1228.0	1159.7	993.7	956.0	914.8	795.9
70°	1250.3	1344.5	1103.2	1049.0	1037.2	1029.0	863.0	818.2	773.5	664.0	654.6
72.5°	1052.5	1098.4	886.5	873.6	871.2	724.1	691.1	614.6	562.8	549.8	543.9
75°	860.6	846.5	700.5	712.3	600.4	548.6	495.7	450.9	443.9	439.1	109.5
77.5°	679.3	608.7	552.2	480.4	429.7	365.0	354.4	347.3	228.4	82.4	67.1
80°	494.5	394.4	367.3	312.0	266.1	255.5	261.4	80.1	63.6	53.0	45.9
82.5°	314.3	251.9	206.0	180.1	175.4	76.5	56.5	45.9	40.0	34.1	28.3
85°	168.4	111.8	103.6	87.1	51.8	35.3	29.4	22.4	18.8	15.3	14.1
87.5°	53.0	44.7	36.5	29.4	17.7	11.8	9.4	8.2	7.1	5.9	5.9
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°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3953.5	3955.8	3954.7	3958.2	3958.2	3962.9	3966.4	3970.0	3977.0	3980.6	4007.6
5°	4004.1	4010.0	4027.6	4044.1	4064.1	4070.0	4104.2	4112.4	4152.4	4157.2	4289.0
7.5°	4117.1	4139.5	4181.9	4224.3	4266.6	4293.7	4340.8	4370.3	4402.0	4430.3	4535.1
10°	4253.7	4291.4	4332.6	4375.0	4399.7	4451.5	4479.7	4484.5	4476.2	4430.3	4260.8
12.5°	4387.9	4425.6	4407.9	4416.2	4445.6	4353.8	4366.7	4300.8	4346.7	4119.5	3951.1
15°	4369.1	4366.7	4323.2	4181.9	4205.4	4030.0	3959.4	3905.2	3948.8	3925.2	3899.3
17.5°	4312.6	4205.4	4130.1	3960.5	3888.7	3839.3	3840.5	3841.6	3820.4	3842.8	3776.9
20°	4073.6	3953.5	3841.6	3781.6	3760.4	3725.1	3742.7	3725.1	3726.3	3733.3	3632.1
22.5°	3755.7	3719.2	3654.4	3673.3	3666.2	3698.0	3674.4	3638.0	3649.7	3596.7	3520.2
25°	3627.4	3585.0	3582.6	3589.7	3579.1	3565.0	3543.8	3488.4	3484.9	3468.4	3433.1
27.5°	3497.9	3500.2	3507.3	3486.1	3448.4	3420.1	3388.4	3361.3	3371.9	3353.0	3304.8
30°	3408.4	3407.2	3364.8	3346.0	3276.5	3277.7	3269.4	3253.0	3242.4	3243.5	3212.9
32.5°	3281.2	3244.7	3196.5	3172.9	3167.0	3145.8	3129.3	3132.9	3141.1	3111.7	3143.5
35°	3150.5	3075.2	3068.1	3048.1	3029.3	3015.1	3021.0	2997.5	2996.3	2992.8	2733.8
37.5°	2975.1	2938.6	2935.1	2913.9	2900.9	2897.4	2875.0	2878.6	2889.2	2908.0	2331.1
40°	2830.3	2797.3	2789.1	2787.9	2759.7	2757.3	2763.2	2785.6	2800.9	2683.1	2221.6
42.5°	2674.9	2677.3	2651.3	2634.9	2638.4	2649.0	2677.3	2599.5	2252.2	2146.3	2030.9
45°	2541.9	2530.1	2516.0	2511.2	2541.9	2520.7	2209.9	2039.1	1997.9	1993.2	1669.5
47.5°	2402.9	2399.4	2393.5	2397.0	2222.8	1981.4	1910.8	1888.4	1895.5	1890.8	1434.0
50°	2262.8	2267.5	2267.5	1980.3	1817.8	1777.8	1783.7	1803.7	1678.9	1567.0	1336.3
52.5°	2141.6	2105.1	1803.7	1700.1	1663.6	1681.2	1638.8	1482.3	1369.2	1303.3	1236.2
55°	1916.7	1648.3	1581.2	1564.7	1577.6	1421.0	1324.5	1223.2	1193.8	1186.7	1147.9
57.5°	1508.2	1454.0	1459.9	1394.0	1244.4	1156.1	1117.3	1103.2	1090.2	1080.8	94.2
60°	1333.9	1349.2	1235.0	1093.7	1033.7	1021.9	1012.5	999.6	997.2	980.7	60.0
62.5°	1220.9	1073.7	974.8	939.5	925.4	921.9	904.2	898.3	762.9	104.8	44.7
65°	920.7	860.6	841.8	833.6	818.2	818.2	679.3	107.1	87.1	75.3	40.0
67.5°	751.1	746.4	737.0	726.4	494.5	103.6	90.7	78.9	68.3	60.0	35.3
70°	635.8	633.4	576.9	106.0	88.3	77.7	68.3	61.2	56.5	50.6	31.8
72.5°	521.6	106.0	89.5	77.7	67.1	61.2	55.3	49.4	44.7	41.2	25.9
75°	81.2	71.8	63.6	57.7	53.0	47.1	42.4	38.9	37.7	33.0	17.7
77.5°	58.9	50.6	45.9	41.2	36.5	33.0	28.3	24.7	22.4	18.8	13.0
80°	41.2	36.5	33.0	27.1	23.5	20.0	17.7	15.3	14.1	11.8	5.9
82.5°	23.5	20.0	17.7	14.1	13.0	10.6	9.4	8.2	8.2	5.9	5.9
85°	10.6	10.6	8.2	7.1	5.9	5.9	5.9	4.7	4.7	3.5	3.5
87.5°	4.7	4.7	4.7	4.7	4.7	3.5	3.5	3.5	3.5	3.5	2.4
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):

	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	4045.3	4060.6	4090.0	4120.7	4086.5	4209.0	4199.5	4240.7	4263.1	4273.7	4298.4
5°	4405.6	4473.9	4496.2	4429.1	4390.3	4350.2	4259.6	4191.3	4199.5	4177.2	4095.9
7.5°	4398.5	4252.5	4055.9	3966.4	3959.4	3948.8	3977.0	3993.5	3995.9	3994.7	3992.3
10°	4026.5	3951.1	3938.2	3926.4	3931.1	3887.5	3867.5	3811.0	3841.6	3825.1	3831.0
12.5°	3913.4	3895.8	3826.3	3729.8	3787.5	3743.9	3719.2	3735.7	3716.8	3699.2	3693.3
15°	3846.3	3732.1	3693.3	3669.7	3653.3	3643.8	3652.1	3633.2	3627.4	3623.8	3632.1
17.5°	3707.4	3661.5	3619.1	3556.7	3557.9	3554.4	3577.9	3613.2	3615.6	3434.3	3270.6
20°	3597.9	3560.2	3506.1	3467.2	3520.2	3426.0	3062.2	2889.2	2862.1	2862.1	2866.8
22.5°	3510.8	3427.2	3430.7	3369.5	2873.9	2772.6	2775.0	2785.6	2737.3	2572.5	2554.8
25°	3391.9	3378.9	3121.1	2697.3	2700.8	2621.9	2500.7	2329.9	2145.1	2145.1	2114.5
27.5°	3302.4	3028.1	2651.3	2633.7	2368.8	2201.6	2098.0	1941.4	1920.2	1900.2	1902.6
30°	3225.9	2561.9	2571.3	2201.6	2006.2	1867.2	1859.0	1833.1	1820.2	1816.6	1803.7
32.5°	2550.1	2494.8	2152.2	1874.3	1797.8	1775.4	1764.8	1735.4	1734.2	1711.8	1556.4
35°	2391.2	2189.8	1801.3	1726.0	1703.6	1682.4	1664.7	1117.3	131.9	53.0	45.9
37.5°	2209.9	1829.6	1665.9	1631.8	1610.6	1190.3	118.9	41.2	29.4	21.2	18.8
40°	1873.1	1634.1	1582.3	1544.7	636.9	41.2	25.9	20.0	11.8	10.6	9.4
42.5°	1580.0	1539.9	1484.6	452.1	47.1	20.0	13.0	9.4	8.2	8.2	7.1
45°	1478.7	1443.4	598.1	44.7	29.4	9.4	8.2	8.2	7.1	4.7	4.7
47.5°	1384.5	1218.5	54.2	28.3	18.8	8.2	7.1	4.7	4.7	4.7	3.5
50°	1284.5	67.1	37.7	21.2	11.8	4.7	4.7	4.7	4.7	3.5	3.5
52.5°	240.2	47.1	30.6	18.8	5.9	4.7	4.7	4.7	3.5	3.5	3.5
55°	56.5	37.7	28.3	16.5	4.7	4.7	4.7	3.5	3.5	3.5	2.4
57.5°	42.4	28.3	22.4	15.3	4.7	3.5	3.5	3.5	3.5	3.5	2.4
60°	35.3	20.0	17.7	14.1	3.5	3.5	3.5	3.5	3.5	3.5	2.4
62.5°	24.7	16.5	13.0	10.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5
65°	20.0	13.0	10.6	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
67.5°	17.7	10.6	7.1	2.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
70°	14.1	3.5	3.5	2.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
72.5°	11.8	3.5	2.4	2.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
75°	11.8	5.9	2.4	2.4	3.5	3.5	4.7	4.7	3.5	3.5	3.5
77.5°	8.2	5.9	2.4	2.4	3.5	3.5	4.7	4.7	3.5	3.5	3.5
80°	4.7	5.9	2.4	3.5	3.5	7.1	8.2	4.7	3.5	3.5	3.5
82.5°	4.7	5.9	7.1	7.1	3.5	5.9	7.1	5.9	4.7	3.5	3.5
85°	4.7	3.5	4.7	5.9	3.5	5.9	5.9	4.7	4.7	3.5	3.5
87.5°	2.4	3.5	3.5	4.7	4.7	4.7	5.9	4.7	4.7	4.7	3.5
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-LD5-62SL-RM-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°	135°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	4310.2	4314.9	4240.7	4214.8	4237.2	4232.5	4212.5	4138.3	4130.1	4080.6	4008.8
5°	4119.5	4151.3	4112.4	4179.5	4147.7	4179.5	4276.1	4320.8	4393.8	4438.5	4455.0
7.5°	3986.4	3993.5	3993.5	3999.4	4005.3	4006.5	3999.4	3994.7	3974.7	3949.9	3994.7
10°	3825.1	3833.4	3847.5	3845.2	3844.0	3868.7	3874.6	3925.2	3922.9	3932.3	3966.4
12.5°	3741.6	3678.0	3735.7	3720.4	3741.6	3708.6	3769.8	3759.2	3762.7	3791.0	3864.0
15°	3602.6	3622.6	3636.8	3636.8	3645.0	3638.0	3630.9	3679.2	3708.6	3709.8	3705.1
17.5°	3335.4	3183.5	3338.9	3298.9	3617.9	3626.2	3599.1	3576.7	3576.7	3594.4	3632.1
20°	2863.3	2866.8	2868.0	2883.3	2902.1	2900.9	2902.1	3366.0	3586.2	3535.5	3501.4
22.5°	2510.1	2466.5	2547.7	2541.9	2643.1	2755.0	2862.1	2851.5	2858.6	3185.9	3480.2
25°	2012.1	2068.6	2022.7	2042.7	2156.9	2289.9	2372.3	2587.8	2822.1	2805.6	2882.1
27.5°	1894.3	1879.0	1900.2	1900.2	1915.5	1933.2	1979.1	2100.4	2308.7	2527.7	2734.9
30°	1782.5	1795.4	1797.8	1819.0	1830.7	1842.5	1849.6	1895.5	1942.6	2094.5	2350.0
32.5°	1338.6	1173.8	1544.7	1644.7	1729.5	1749.5	1763.6	1782.5	1816.6	1839.0	1967.3
35°	38.9	38.9	41.2	47.1	60.0	405.0	1542.3	1700.1	1722.4	1750.7	1774.2
37.5°	18.8	14.1	16.5	17.7	21.2	29.4	42.4	131.9	1468.1	1660.0	1685.9
40°	8.2	8.2	8.2	8.2	9.4	11.8	17.7	29.4	44.7	1180.9	1592.9
42.5°	7.1	7.1	7.1	7.1	7.1	7.1	8.2	10.6	21.2	50.6	835.9
45°	4.7	4.7	3.5	4.7	4.7	5.9	7.1	7.1	9.4	31.8	57.7
47.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	5.9	7.1	21.2	30.6
50°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	16.5	21.2
52.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	7.1	18.8
55°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.5	3.5	4.7	16.5
57.5°	2.4	2.4	2.4	2.4	2.4	3.5	2.4	2.4	3.5	3.5	15.3
60°	2.4	2.4	2.4	2.4	2.4	3.5	3.5	3.5	3.5	3.5	14.1
62.5°	3.5	3.5	2.4	3.5	2.4	2.4	3.5	3.5	3.5	3.5	9.4
65°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.4	3.5
67.5°	3.5	3.5	3.5	3.5	2.4	3.5	2.4	3.5	3.5	2.4	2.4
70°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.4	2.4	2.4	2.4
72.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.4	2.4	2.4	2.4
75°	3.5	3.5	3.5	3.5	3.5	3.5	4.7	4.7	2.4	2.4	2.4
77.5°	3.5	3.5	3.5	3.5	3.5	3.5	5.9	7.1	5.9	5.9	2.4
80°	3.5	3.5	3.5	3.5	3.5	3.5	5.9	5.9	5.9	5.9	8.2
82.5°	3.5	3.5	3.5	3.5	3.5	3.5	4.7	4.7	4.7	4.7	5.9
85°	3.5	3.5	3.5	3.5	3.5	3.5	4.7	4.7	4.7	3.5	4.7
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.7	3.5	3.5	3.5
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-LD5-62SL-RM-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	140°	145°	150°	155°	160°	161°	162°	163°	164°	165°	166°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	4014.7	3974.7	3961.7	3934.6	3932.3	3934.6	3928.8	3920.5	3925.2	3917.0	3909.9
5°	4464.4	4357.3	4287.8	4194.8	4066.5	4038.2	4031.2	3991.2	3977.0	3972.3	3953.5
7.5°	4100.6	4296.1	4413.8	4453.8	4303.1	4267.8	4226.6	4193.7	4161.9	4101.8	4065.3
10°	3939.3	3948.8	4061.8	4193.7	4407.9	4437.4	4459.7	4387.9	4367.9	4214.8	4181.9
12.5°	3901.7	3902.9	3915.8	3995.9	4164.2	4183.1	4261.9	4304.3	4356.1	4385.6	4362.0
15°	3729.8	3825.1	3895.8	3902.9	3918.2	3951.1	3974.7	4121.8	4184.2	4351.4	4342.0
17.5°	3649.7	3680.3	3782.8	3866.4	3852.2	3840.5	3859.3	3879.3	3939.3	4106.5	4104.2
20°	3516.7	3614.4	3669.7	3756.9	3835.7	3839.3	3818.1	3806.3	3782.8	3809.8	3834.6
22.5°	3460.2	3475.5	3579.1	3640.3	3729.8	3761.6	3766.3	3767.5	3754.5	3740.4	3733.3
25°	3454.3	3406.0	3459.0	3535.5	3601.5	3635.6	3674.4	3687.4	3682.7	3682.7	3675.6
27.5°	2826.8	3390.7	3362.5	3413.1	3493.1	3516.7	3536.7	3576.7	3601.5	3619.1	3627.4
30°	2692.6	2793.8	3287.1	3294.2	3375.4	3373.1	3395.4	3428.4	3460.2	3501.4	3512.0
32.5°	2381.7	2630.2	3009.3	3175.3	3260.0	3268.3	3280.0	3289.5	3318.9	3364.8	3404.8
35°	1908.5	2395.9	2578.4	3118.7	3134.1	3150.5	3157.6	3180.0	3189.4	3208.2	3243.5
37.5°	1727.1	1980.3	2473.6	2697.3	2989.2	3003.4	3041.0	3050.5	3065.8	3081.1	3108.2
40°	1622.4	1691.8	2059.2	2408.8	2872.7	2882.1	2895.1	2918.6	2919.8	2937.4	2962.2
42.5°	1538.8	1583.5	1690.6	2300.5	2790.3	2789.1	2758.5	2773.8	2780.9	2799.7	2833.8
45°	1229.1	1485.8	1554.1	1879.0	2221.6	2381.7	2689.0	2638.4	2637.2	2644.3	2680.8
47.5°	62.4	1397.5	1445.8	1550.5	2098.0	2103.9	2143.9	2480.6	2532.4	2516.0	2519.5
50°	42.4	96.5	1346.9	1395.1	1808.4	1954.4	1983.8	1999.1	2193.4	2410.0	2374.7
52.5°	33.0	55.3	825.3	1295.1	1469.3	1576.4	1766.0	1874.3	1886.1	1973.2	2268.7
55°	29.4	42.4	89.5	1195.0	1249.1	1272.7	1383.4	1572.9	1726.0	1771.9	1775.4
57.5°	25.9	38.9	61.2	540.4	1136.1	1140.8	1159.7	1225.6	1363.3	1489.3	1631.8
60°	23.5	34.1	48.3	93.0	1032.5	1044.3	1047.8	1065.5	1082.0	1167.9	1331.6
62.5°	14.1	27.1	42.4	67.1	817.1	938.3	937.2	948.9	964.2	973.7	1006.6
65°	11.8	21.2	36.5	56.5	100.1	124.8	758.2	843.0	852.4	865.3	871.2
67.5°	10.6	18.8	27.1	44.7	75.3	85.9	98.9	122.4	668.7	753.5	765.3
70°	9.4	13.0	22.4	37.7	61.2	65.9	74.2	84.8	100.1	123.6	605.1
72.5°	5.9	9.4	15.3	27.1	47.1	53.0	57.7	64.8	71.8	85.9	98.9
75°	2.4	7.1	13.0	20.0	36.5	40.0	43.6	48.3	54.2	63.6	70.6
77.5°	2.4	5.9	10.6	14.1	23.5	27.1	31.8	35.3	40.0	44.7	51.8
80°	8.2	4.7	7.1	10.6	16.5	17.7	20.0	22.4	25.9	29.4	34.1
82.5°	5.9	7.1	8.2	7.1	8.2	10.6	11.8	14.1	15.3	17.7	18.8
85°	4.7	4.7	5.9	5.9	5.9	5.9	5.9	5.9	7.1	8.2	10.6
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.7	4.7
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-LD5-62SL-RM-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	167°	168°	169°	170°	171°	172°	173°	174°	175°	176°	177°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3909.9	3907.6	3900.5	3900.5	3899.3	3904.0	3907.6	3911.1	3909.9	3917.0	3909.9
5°	3939.3	3933.5	3922.9	3913.4	3909.9	3912.3	3908.7	3912.3	3907.6	3913.4	3902.9
7.5°	4020.6	4000.6	3959.4	3942.9	3921.7	3920.5	3909.9	3907.6	3900.5	3900.5	3887.5
10°	4164.2	4067.7	4055.9	4006.5	3988.8	3902.9	3921.7	3889.9	3886.4	3871.1	3865.2
12.5°	4282.0	4206.6	4184.2	4140.7	4091.2	3917.0	3955.8	3887.5	3884.0	3853.4	3821.6
15°	4284.3	4327.9	4266.6	4146.6	4136.0	4015.9	3937.0	3913.4	3882.8	3791.0	3806.3
17.5°	4146.6	4246.6	4276.1	4250.2	4174.8	4093.6	3982.9	3935.8	3844.0	3802.8	3774.5
20°	3922.9	4024.1	4150.1	4158.3	4205.4	4147.7	4002.9	3926.4	3815.7	3743.9	3720.4
22.5°	3745.1	3819.3	3964.1	4031.2	4088.9	4108.9	4017.1	3904.0	3766.3	3696.8	3682.7
25°	3650.9	3667.4	3710.9	3789.8	3917.0	4008.8	4021.8	3901.7	3829.9	3678.0	3597.9
27.5°	3616.8	3602.6	3585.0	3625.0	3720.4	3832.2	3906.4	3926.4	3747.4	3602.6	3522.6
30°	3529.6	3537.9	3510.8	3496.7	3559.1	3674.4	3806.3	3839.3	3701.5	3552.0	3460.2
32.5°	3422.5	3436.6	3441.3	3416.6	3403.7	3483.7	3626.2	3705.1	3698.0	3480.2	3377.8
35°	3288.3	3328.3	3338.9	3340.1	3318.9	3305.9	3388.4	3552.0	3614.4	3447.2	3298.9
37.5°	3147.0	3158.8	3216.5	3231.8	3231.8	3192.9	3254.1	3384.8	3471.9	3373.1	3202.3
40°	2970.4	3008.1	3062.2	3089.3	3116.4	3119.9	3085.8	3177.6	3321.3	3296.5	3111.7
42.5°	2842.1	2866.8	2899.8	2936.3	2991.6	3005.7	2970.4	2986.9	3136.4	3201.2	2994.0
45°	2692.6	2725.5	2734.9	2775.0	2832.7	2873.9	2872.7	2838.5	2958.6	3038.7	2908.0
47.5°	2539.5	2571.3	2587.8	2607.8	2650.2	2703.2	2732.6	2717.3	2740.8	2897.4	2793.8
50°	2381.7	2399.4	2432.4	2454.7	2483.0	2513.6	2584.2	2598.4	2565.4	2690.2	2667.8
52.5°	2232.2	2238.1	2260.5	2282.8	2320.5	2342.9	2399.4	2441.8	2439.4	2475.9	2527.7
55°	2115.7	2089.8	2094.5	2112.1	2136.9	2171.0	2202.8	2268.7	2291.1	2298.2	2380.6
57.5°	1653.0	1919.0	1942.6	1941.4	1970.9	1986.2	2015.6	2059.2	2139.2	2121.6	2213.4
60°	1502.3	1531.7	1754.2	1780.1	1790.7	1804.8	1840.2	1880.2	1939.1	1976.7	2016.8
62.5°	1145.5	1324.5	1391.6	1588.2	1618.8	1627.1	1650.6	1669.5	1730.7	1816.6	1800.1
65°	886.5	963.1	1167.9	1248.0	1415.2	1436.3	1469.3	1489.3	1507.0	1605.9	1610.6
67.5°	766.4	778.2	833.6	987.8	1093.7	1257.4	1277.4	1295.1	1322.1	1392.8	1436.3
70°	654.6	668.7	684.0	697.0	834.7	943.0	1094.9	1100.8	1118.5	1165.6	1264.5
72.5°	123.6	559.2	568.7	576.9	592.2	664.0	808.8	926.6	933.6	956.0	1046.6
75°	83.6	97.7	134.2	461.5	476.8	481.5	506.3	653.4	761.7	766.4	806.5
77.5°	60.0	67.1	81.2	96.5	246.1	369.7	375.6	402.6	514.5	595.7	602.8
80°	41.2	45.9	54.2	61.2	75.3	98.9	273.1	281.4	295.5	407.4	428.5
82.5°	23.5	27.1	31.8	38.9	44.7	56.5	73.0	94.2	191.9	204.9	272.0
85°	11.8	13.0	15.3	18.8	22.4	27.1	36.5	44.7	61.2	110.7	114.2
87.5°	5.9	5.9	5.9	5.9	9.4	10.6	13.0	16.5	21.2	31.8	41.2
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-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	178°	179°	180°	181°	182°	183°	184°	185°	186°	187°	188°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3911.1	3927.6	3941.7	3945.2	3945.2	3947.6	3951.1	3953.5	3955.8	3958.2	3955.8
5°	3904.0	3921.7	3933.5	3937.0	3937.0	3944.1	3949.9	3957.0	3960.5	3960.5	3958.2
7.5°	3886.4	3899.3	3914.6	3924.0	3925.2	3937.0	3947.6	3946.4	3951.1	3953.5	3959.4
10°	3862.8	3862.8	3888.7	3895.8	3901.7	3914.6	3918.2	3925.2	3941.7	3944.1	3959.4
12.5°	3851.0	3839.3	3869.9	3873.4	3893.4	3877.0	3898.1	3905.2	3888.7	3911.1	3881.7
15°	3798.1	3812.2	3807.5	3818.1	3853.4	3834.6	3892.3	3873.4	3915.8	3865.2	3954.7
17.5°	3754.5	3752.2	3771.0	3780.4	3787.5	3827.5	3842.8	3864.0	3880.5	3866.4	3901.7
20°	3722.7	3703.9	3718.0	3728.6	3753.3	3783.9	3793.4	3761.6	3816.9	3911.1	3933.5
22.5°	3662.7	3649.7	3666.2	3666.2	3703.9	3699.2	3734.5	3714.5	3766.3	3875.8	3990.0
25°	3581.4	3582.6	3600.3	3621.5	3628.5	3681.5	3700.4	3726.3	3791.0	3921.7	3991.2
27.5°	3499.0	3492.0	3502.6	3546.1	3582.6	3621.5	3627.4	3715.7	3804.0	3893.4	3954.7
30°	3416.6	3409.6	3416.6	3448.4	3492.0	3517.9	3582.6	3700.4	3782.8	3844.0	3901.7
32.5°	3328.3	3321.3	3337.7	3361.3	3437.8	3441.3	3569.7	3680.3	3745.1	3789.8	3779.2
35°	3234.1	3224.7	3240.0	3276.5	3347.2	3373.1	3507.3	3589.7	3662.7	3683.9	3634.4
37.5°	3121.1	3104.6	3123.5	3174.1	3248.3	3323.6	3435.5	3530.8	3569.7	3513.2	3454.3
40°	3003.4	2991.6	3024.6	3050.5	3137.6	3242.4	3370.7	3437.8	3413.1	3348.3	3283.6
42.5°	2898.6	2873.9	2903.3	2952.7	3051.6	3170.6	3274.2	3311.8	3253.0	3157.6	3082.3
45°	2770.3	2740.8	2776.1	2842.1	2948.0	3083.4	3164.7	3151.7	3051.6	2969.2	2865.6
47.5°	2636.0	2600.7	2636.0	2714.9	2833.8	2977.5	3036.3	2977.5	2851.5	2747.9	2664.3
50°	2504.2	2463.0	2497.1	2616.0	2732.6	2843.3	2842.1	2727.9	2652.5	2539.5	2466.5
52.5°	2373.5	2314.6	2348.8	2478.3	2594.8	2720.8	2627.8	2521.8	2431.2	2332.3	2308.7
55°	2212.2	2148.6	2194.5	2382.9	2472.4	2546.6	2398.2	2305.2	2215.7	2166.3	2136.9
57.5°	2059.2	1989.7	2029.7	2252.2	2318.2	2337.0	2200.4	2068.6	2015.6	1999.1	1956.7
60°	1901.4	1822.5	1860.2	2116.8	2162.8	2086.2	1952.0	1849.6	1839.0	1806.0	1773.1
62.5°	1750.7	1663.6	1687.1	1948.5	1969.7	1830.7	1707.1	1680.1	1654.2	1621.2	1603.5
65°	1577.6	1487.0	1519.9	1769.5	1749.5	1570.6	1501.1	1495.2	1461.1	1434.0	1459.9
67.5°	1418.7	1311.5	1357.5	1574.1	1483.4	1337.4	1309.2	1295.1	1268.0	1283.3	1011.3
70°	1244.4	1127.9	1190.3	1363.3	1229.1	1132.6	1122.0	1100.8	1102.0	875.9	738.2
72.5°	1050.2	948.9	1039.6	1132.6	972.5	944.2	928.9	926.6	747.6	607.5	573.4
75°	879.5	777.0	874.8	910.1	774.7	755.8	754.7	624.0	490.9	468.6	458.0
77.5°	686.4	607.5	700.5	647.5	594.6	573.4	514.5	386.2	369.7	354.4	133.0
80°	462.7	468.6	522.7	446.2	423.8	361.4	284.9	273.1	235.5	94.2	74.2
82.5°	281.4	353.2	333.2	279.0	273.1	196.6	180.1	91.8	68.3	54.2	47.1
85°	146.0	179.0	171.9	151.9	113.0	101.3	56.5	43.6	35.3	27.1	22.4
87.5°	49.4	65.9	63.6	50.6	38.9	30.6	20.0	16.5	11.8	9.4	8.2
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-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	189°	190°	191°	192°	193°	194°	195°	196°	197°	198°	199°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3953.5	3953.5	3951.1	3953.5	3954.7	3952.3	3952.3	3954.7	3955.8	3957.0	3962.9
5°	3959.4	3961.7	3965.3	3972.3	3973.5	3987.6	3993.5	3997.0	4000.6	4001.7	3993.5
7.5°	3972.3	3980.6	3987.6	3986.4	3978.2	3955.8	3948.8	3942.9	3953.5	3980.6	4012.3
10°	3984.1	3946.4	3875.8	3972.3	3942.9	3970.0	4050.0	4067.7	4121.8	4198.4	4220.7
12.5°	3902.9	4006.5	4028.8	3920.5	4120.7	4046.5	4134.8	4212.5	4234.9	4312.6	4265.5
15°	3990.0	4040.6	4074.7	4183.1	4171.3	4234.9	4259.6	4244.3	4247.8	4267.8	4320.8
17.5°	3988.8	4090.0	4112.4	4185.4	4234.9	4236.0	4229.0	4221.9	4240.7	4256.1	4224.3
20°	4057.1	4090.0	4133.6	4163.0	4172.5	4184.2	4206.6	4188.9	4153.6	4119.5	4105.4
22.5°	4022.9	4097.1	4134.8	4139.5	4133.6	4097.1	4064.1	4014.7	3998.2	3980.6	3986.4
25°	4030.0	4064.1	4059.4	4040.6	4015.9	3947.6	3931.1	3909.9	3878.1	3801.6	3732.1
27.5°	3979.4	3961.7	3940.5	3894.6	3849.9	3813.4	3772.2	3703.9	3647.4	3565.0	3534.3
30°	3894.6	3824.0	3772.2	3745.1	3701.5	3640.3	3577.9	3494.3	3422.5	3406.0	3390.7
32.5°	3732.1	3662.7	3620.3	3554.4	3480.2	3407.2	3335.4	3302.4	3287.1	3289.5	3275.3
35°	3566.1	3504.9	3441.3	3342.4	3287.1	3214.1	3188.2	3181.1	3167.0	3151.7	3135.2
37.5°	3389.5	3317.7	3222.4	3163.5	3108.2	3078.7	3065.8	3055.2	3030.4	3003.4	2984.5
40°	3218.8	3089.3	3036.3	2978.6	2962.2	2949.2	2930.4	2904.5	2870.3	2865.6	2857.4
42.5°	2990.4	2897.4	2851.5	2839.7	2819.7	2797.3	2780.9	2752.6	2738.5	2747.9	2755.0
45°	2773.8	2726.7	2711.4	2697.3	2659.6	2627.8	2617.2	2607.8	2619.6	2671.4	2547.7
47.5°	2598.4	2579.5	2560.7	2537.1	2501.8	2478.3	2488.9	2498.3	2508.9	2128.6	1942.6
50°	2446.5	2420.6	2391.2	2365.3	2344.1	2341.7	2397.0	2231.0	1868.4	1859.0	1670.6
52.5°	2280.5	2241.6	2224.0	2208.7	2218.1	2253.4	1864.9	1730.7	1660.0	1442.2	1345.7
55°	2101.5	2067.4	2067.4	2081.5	2030.9	1645.9	1625.9	1405.7	1272.7	1235.0	1219.7
57.5°	1922.6	1919.0	1939.1	1773.1	1494.0	1432.8	1204.4	1156.1	1134.9	1130.2	1105.5
60°	1758.9	1791.9	1499.9	1379.8	1199.7	1082.0	1049.0	1043.1	1020.7	1012.5	990.1
62.5°	1628.2	1350.4	1257.4	1026.6	966.6	951.3	933.6	925.4	905.4	799.4	234.3
65°	1176.2	1111.4	901.8	863.0	858.3	835.9	828.8	745.3	175.4	117.7	100.1
67.5°	887.7	787.6	760.6	753.5	731.1	686.4	203.7	116.6	100.1	87.1	76.5
70°	681.7	664.0	644.0	627.5	184.8	115.4	100.1	84.8	73.0	64.8	58.9
72.5°	558.1	546.3	317.9	121.3	98.9	83.6	74.2	64.8	56.5	51.8	47.1
75°	436.8	121.3	100.1	83.6	71.8	61.2	54.2	48.3	43.6	40.0	36.5
77.5°	98.9	80.1	68.3	57.7	51.8	45.9	41.2	35.3	31.8	28.3	23.5
80°	61.2	53.0	44.7	41.2	35.3	29.4	25.9	23.5	18.8	17.7	15.3
82.5°	40.0	31.8	28.3	23.5	18.8	17.7	15.3	11.8	10.6	9.4	8.2
85°	17.7	15.3	13.0	10.6	8.2	7.1	5.9	4.7	4.7	4.7	4.7
87.5°	5.9	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	2.4	2.4
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-LD5-62SL-RM-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	200°	205°	210°	215°	220°	225°	230°	235°	240°	245°	250°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3965.3	3986.4	4006.5	4000.6	3979.4	3946.4	3937.0	3924.0	3933.5	3953.5	3961.7
5°	3993.5	3981.7	4024.1	4086.5	4187.8	4197.2	4267.8	4284.3	4340.8	4376.1	4375.0
7.5°	4033.5	4200.7	4270.2	4345.5	4379.7	4371.4	4382.0	4373.8	4360.8	4354.9	4347.9
10°	4237.2	4364.4	4390.3	4390.3	4337.3	4265.5	4234.9	4181.9	4075.9	4078.3	4060.6
12.5°	4356.1	4400.9	4339.6	4287.8	4074.7	3992.3	3902.9	3860.5	3835.7	3798.1	3812.2
15°	4293.7	4230.2	4193.7	4026.5	3895.8	3747.4	3749.8	3723.9	3696.8	3699.2	3681.5
17.5°	4201.9	4151.3	3892.3	3776.9	3713.3	3655.6	3645.0	3610.9	3593.2	3587.3	3586.2
20°	4075.9	3893.4	3700.4	3672.1	3595.6	3529.6	3519.0	3529.6	3583.8	3487.3	3160.0
22.5°	3928.8	3666.2	3609.7	3529.6	3477.8	3451.9	3516.7	3222.4	2777.3	2831.5	2773.8
25°	3679.2	3565.0	3468.4	3407.2	3401.3	3242.4	2702.0	2645.5	2359.4	2206.3	2034.4
27.5°	3496.7	3447.2	3346.0	3335.4	3258.9	2651.3	2370.0	2059.2	1945.0	1927.3	1889.6
30°	3386.0	3315.4	3254.1	2986.9	2600.7	2134.5	1901.4	1857.8	1837.8	1816.6	1783.7
32.5°	3253.0	3185.9	3215.3	2511.2	2073.3	1837.8	1790.7	1758.9	1722.4	1708.3	1589.4
35°	3117.6	3087.0	2512.4	2111.0	1782.5	1726.0	1690.6	1657.7	1318.6	319.1	108.3
37.5°	2972.8	2965.7	2258.1	1751.9	1669.5	1616.5	1516.4	313.2	74.2	50.6	37.7
40°	2859.7	2259.3	1784.8	1642.4	1575.3	1491.7	209.6	51.8	33.0	20.0	13.0
42.5°	2784.4	2032.1	1597.6	1541.1	1395.1	154.2	53.0	22.4	13.0	10.6	8.2
45°	2146.3	1604.7	1492.9	1434.0	176.6	53.0	30.6	10.6	8.2	7.1	4.7
47.5°	1980.3	1457.5	1391.6	313.2	58.9	28.3	21.2	7.1	4.7	4.7	4.7
50°	1499.9	1346.9	1107.9	76.5	37.7	20.0	15.3	4.7	4.7	4.7	3.5
52.5°	1315.1	1243.3	118.9	50.6	29.4	15.3	9.4	3.5	3.5	3.5	3.5
55°	1202.1	788.8	70.6	38.9	24.7	14.1	5.9	3.5	3.5	3.5	2.4
57.5°	1099.6	106.0	51.8	33.0	22.4	13.0	3.5	3.5	3.5	3.5	2.4
60°	932.4	76.5	42.4	29.4	21.2	11.8	3.5	3.5	3.5	3.5	3.5
62.5°	121.3	60.0	36.5	25.9	15.3	9.4	2.4	3.5	3.5	3.5	3.5
65°	88.3	47.1	33.0	17.7	9.4	3.5	2.4	3.5	3.5	3.5	3.5
67.5°	68.3	38.9	24.7	15.3	8.2	2.4	2.4	3.5	3.5	3.5	3.5
70°	54.2	33.0	20.0	13.0	7.1	2.4	2.4	3.5	3.5	3.5	3.5
72.5°	42.4	23.5	14.1	7.1	4.7	2.4	2.4	3.5	3.5	3.5	3.5
75°	31.8	18.8	10.6	5.9	2.4	2.4	2.4	3.5	3.5	3.5	3.5
77.5°	21.2	11.8	8.2	4.7	4.7	4.7	5.9	5.9	3.5	3.5	3.5
80°	14.1	8.2	5.9	5.9	5.9	4.7	5.9	5.9	3.5	5.9	3.5
82.5°	7.1	5.9	5.9	4.7	4.7	3.5	4.7	4.7	4.7	4.7	3.5
85°	4.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.7	4.7	3.5
87.5°	2.4	2.4	2.4	2.4	3.5	3.5	3.5	3.5	4.7	4.7	3.5
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-LD5-62SL-RM-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	255°	260°	265°	270°	275°	280°	285°	290°	295°	300°	305°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3951.1	3954.7	3945.2	3995.9	3970.0	3972.3	3982.9	3955.8	3961.7	3942.9	3929.9
5°	4379.7	4386.7	4393.8	4396.2	4400.9	4406.7	4399.7	4396.2	4389.1	4365.5	4340.8
7.5°	4312.6	4304.3	4300.8	4305.5	4313.7	4317.3	4311.4	4319.6	4350.2	4363.2	4371.4
10°	3959.4	3921.7	3947.6	3944.1	3914.6	4013.5	3986.4	4001.7	4012.3	4120.7	4186.6
12.5°	3791.0	3814.6	3769.8	3747.4	3776.9	3796.9	3816.9	3774.5	3833.4	3806.3	3893.4
15°	3649.7	3635.6	3630.9	3632.1	3626.2	3654.4	3661.5	3670.9	3679.2	3715.7	3729.8
17.5°	3586.2	3609.7	3619.1	3626.2	3614.4	3601.5	3588.5	3569.7	3575.6	3566.1	3593.2
20°	2939.8	2860.9	2856.2	2902.1	2851.5	2879.8	2948.0	3404.8	3389.5	3567.3	3507.3
22.5°	2453.6	2379.4	2315.8	2260.5	2339.4	2372.3	2499.5	2643.1	2876.2	2839.7	3092.8
25°	2003.8	1976.7	1960.3	1952.0	1957.9	1955.5	1983.8	2050.9	2156.9	2406.5	2729.1
27.5°	1874.3	1861.4	1855.5	1836.6	1850.8	1846.1	1868.4	1882.6	1914.3	1939.1	2043.8
30°	1771.9	1756.6	1746.0	1726.0	1740.1	1741.3	1748.3	1784.8	1797.8	1819.0	1851.9
32.5°	647.5	381.5	357.9	340.2	372.0	485.1	851.2	1488.1	1697.7	1714.2	1751.9
35°	63.6	53.0	47.1	47.1	48.3	53.0	70.6	186.0	340.2	1315.1	1645.9
37.5°	24.7	21.2	17.7	16.5	17.7	20.0	27.1	35.3	48.3	100.1	446.2
40°	10.6	9.4	8.2	8.2	8.2	8.2	9.4	11.8	17.7	33.0	51.8
42.5°	7.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	8.2	10.6	21.2
45°	4.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.7	5.9	9.4
47.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.7
50°	3.5	3.5	3.5	3.5	2.4	3.5	2.4	3.5	3.5	3.5	3.5
52.5°	3.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.5	3.5
55°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.5
57.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
60°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
62.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.5	3.5	2.4
65°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	3.5	2.4
67.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	3.5	3.5	2.4	3.5	2.4	2.4	3.5	3.5	3.5	2.4	2.4
72.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	7.1	7.1	4.7
75°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	5.9	7.1	5.9
77.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	5.9	5.9	5.9
80°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.7	4.7	4.7
82.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.7	4.7	4.7
85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
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-LD5-62SL-RM-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	310°	315°	320°	325°	330°	335°	340°	341°	342°	343°	344°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3907.6	3906.4	3931.1	3949.9	3942.9	3949.9	3958.2	3959.4	3961.7	3952.3	3948.8
5°	4293.7	4257.2	4186.6	4136.0	4077.1	3970.0	3917.0	3922.9	3924.0	3920.5	3925.2
7.5°	4367.9	4364.4	4339.6	4329.0	4289.0	4212.5	4090.0	4068.9	4017.1	3984.1	3957.0
10°	4181.9	4266.6	4289.0	4326.7	4350.2	4336.1	4232.5	4217.2	4184.2	4146.6	4154.8
12.5°	3980.6	4050.0	4053.6	4258.4	4304.3	4309.0	4269.0	4290.2	4294.9	4210.1	4160.7
15°	3733.3	3766.3	3835.7	4026.5	4165.4	4252.5	4278.4	4290.2	4232.5	4229.0	4209.0
17.5°	3625.0	3646.2	3678.0	3785.1	3995.9	4124.2	4233.7	4225.4	4247.8	4231.3	4180.7
20°	3488.4	3506.1	3562.6	3616.8	3720.4	3891.1	4095.9	4111.2	4140.7	4137.1	4151.3
22.5°	3486.1	3423.7	3433.1	3475.5	3583.8	3736.8	3954.7	4005.3	4024.1	4037.1	4052.4
25°	2765.6	3261.2	3351.9	3378.9	3449.6	3539.1	3795.7	3814.6	3849.9	3907.6	3949.9
27.5°	2395.9	2732.6	3095.2	3283.6	3328.3	3402.5	3555.5	3583.8	3703.9	3718.0	3783.9
30°	1890.8	2151.0	2692.6	3145.8	3220.0	3271.8	3380.1	3436.6	3488.4	3544.9	3614.4
32.5°	1778.9	1820.2	2120.4	2603.1	3180.0	3141.1	3221.2	3255.3	3311.8	3361.3	3411.9
35°	1676.5	1704.8	1768.4	2132.1	2590.1	3034.0	3088.1	3110.5	3142.3	3180.0	3216.5
37.5°	1569.4	1611.8	1655.3	1753.0	2395.9	2949.2	2948.0	2973.9	2992.8	3024.6	3055.2
40°	284.9	1479.9	1550.5	1614.1	1857.8	2352.3	2816.2	2827.9	2840.9	2860.9	2892.7
42.5°	45.9	247.2	1452.8	1514.0	1583.5	2106.2	2756.1	2707.9	2699.6	2713.7	2742.0
45°	23.5	60.0	292.0	1414.0	1476.4	1680.1	2253.4	2624.3	2616.0	2589.0	2594.8
47.5°	17.7	37.7	71.8	488.6	1382.2	1442.2	2079.2	2056.8	2213.4	2513.6	2467.7
50°	15.3	25.9	42.4	100.1	1220.9	1328.0	1601.2	1870.8	1953.2	1963.8	2324.1
52.5°	14.1	17.7	30.6	64.8	256.7	1228.0	1302.1	1396.3	1535.2	1833.1	1826.0
55°	13.0	16.5	25.9	43.6	89.5	1106.7	1183.2	1200.9	1230.3	1372.8	1561.1
57.5°	7.1	15.3	24.7	37.7	67.1	202.5	1073.7	1087.9	1111.4	1117.3	1184.4
60°	3.5	14.1	22.4	33.0	49.4	94.2	965.4	981.9	996.0	998.4	1019.6
62.5°	2.4	13.0	18.8	30.6	41.2	67.1	228.4	466.2	886.5	886.5	911.3
65°	2.4	9.4	11.8	20.0	37.7	55.3	96.5	111.8	217.8	535.7	799.4
67.5°	2.4	3.5	10.6	16.5	28.3	42.4	70.6	82.4	98.9	113.0	209.6
70°	2.4	2.4	9.4	10.6	17.7	31.8	50.6	57.7	67.1	76.5	88.3
72.5°	2.4	2.4	8.2	8.2	11.8	21.2	38.9	42.4	48.3	54.2	62.4
75°	5.9	4.7	7.1	7.1	8.2	16.5	29.4	33.0	35.3	40.0	45.9
77.5°	5.9	5.9	5.9	5.9	5.9	10.6	18.8	21.2	24.7	27.1	31.8
80°	4.7	4.7	4.7	5.9	5.9	7.1	11.8	13.0	14.1	17.7	18.8
82.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.1	8.2	10.6
85°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.7	4.7	4.7	4.7
87.5°	3.5	3.5	3.5	2.4	2.4	3.5	3.5	3.5	3.5	3.5	3.5
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-LD5-62SL-RM-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	345°	346°	347°	348°	349°	350°	351°	352°	353°	354°	355°
0°	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3947.6	3940.5	3934.6	3938.2	3927.6	3922.9	3926.4	3927.6	3929.9	3935.8	3937.0
5°	3937.0	3934.6	3945.2	3951.1	3948.8	3951.1	3951.1	3946.4	3939.3	3944.1	3933.5
7.5°	3929.9	3914.6	3902.9	3905.2	3893.4	3907.6	3920.5	3939.3	3945.2	3945.2	3933.5
10°	4051.2	4034.7	3968.8	3924.0	3894.6	3868.7	3929.9	3867.5	3897.0	3785.1	3913.4
12.5°	4151.3	4173.6	4144.2	4021.8	4000.6	3922.9	3967.6	3891.1	3868.7	3740.4	3781.6
15°	4191.3	4148.9	4139.5	4105.4	4059.4	4037.1	3917.0	3904.0	3867.5	3881.7	3827.5
17.5°	4156.0	4177.2	4148.9	4126.5	4079.5	4026.5	3954.7	3891.1	3840.5	3727.4	3822.8
20°	4121.8	4150.1	4065.3	4079.5	4084.2	4022.9	3985.3	3932.3	3868.7	3762.7	3680.3
22.5°	4065.3	4045.3	4052.4	4031.2	4013.5	4021.8	3970.0	3933.5	3826.3	3778.1	3666.2
25°	3973.5	3966.4	3985.3	3982.9	3940.5	3926.4	3900.5	3861.6	3819.3	3741.6	3649.7
27.5°	3824.0	3860.5	3893.4	3908.7	3886.4	3848.7	3834.6	3812.2	3782.8	3703.9	3635.6
30°	3666.2	3707.4	3745.1	3778.1	3798.1	3781.6	3768.6	3755.7	3710.9	3659.1	3582.6
32.5°	3486.1	3540.2	3592.0	3632.1	3675.6	3688.6	3679.2	3668.6	3630.9	3583.8	3522.6
35°	3277.7	3351.9	3427.2	3499.0	3517.9	3548.5	3579.1	3561.4	3541.4	3494.3	3437.8
37.5°	3101.1	3154.1	3208.2	3298.9	3364.8	3403.7	3457.8	3464.9	3430.7	3408.4	3334.2
40°	2918.6	2966.9	3045.8	3098.7	3189.4	3234.1	3291.8	3317.7	3309.5	3296.5	3231.8
42.5°	2775.0	2798.5	2850.3	2897.4	2986.9	3078.7	3129.3	3157.6	3187.0	3176.4	3143.5
45°	2621.9	2643.1	2660.8	2702.0	2789.1	2870.3	2932.7	2975.1	3028.1	3052.8	3012.8
47.5°	2470.0	2475.9	2497.1	2531.3	2583.1	2645.5	2750.2	2813.8	2863.3	2911.5	2885.6
50°	2353.5	2332.3	2335.8	2357.0	2399.4	2460.6	2536.0	2625.4	2682.0	2740.8	2746.7
52.5°	2056.8	2228.7	2187.5	2199.3	2221.6	2251.1	2329.9	2418.2	2487.7	2538.3	2589.0
55°	1726.0	1760.1	2090.9	2043.8	2058.0	2083.9	2120.4	2208.7	2275.8	2346.4	2417.1
57.5°	1338.6	1592.9	1605.9	1912.0	1904.9	1907.3	1937.9	1988.5	2055.6	2143.9	2204.0
60°	1040.8	1147.9	1356.3	1462.2	1730.7	1740.1	1757.8	1787.2	1844.9	1928.5	2023.8
62.5°	918.3	932.4	1006.6	1165.6	1339.8	1550.5	1588.2	1592.9	1618.8	1702.4	1813.1
65°	806.5	815.9	838.3	854.7	1000.7	1204.4	1385.7	1415.2	1431.6	1481.1	1575.3
67.5°	555.7	702.9	722.9	734.7	748.8	843.0	1067.8	1217.4	1236.2	1279.8	1362.2
70°	107.1	222.5	608.7	621.6	628.7	649.9	686.4	924.2	1049.0	1090.2	1127.9
72.5°	73.0	85.9	103.6	244.9	518.0	529.8	538.0	568.7	779.4	899.5	919.5
75°	53.0	58.9	69.5	85.9	106.0	345.0	427.4	442.7	458.0	632.2	733.5
77.5°	37.7	42.4	47.1	55.3	64.8	83.6	120.1	330.8	346.1	354.4	500.4
80°	21.2	25.9	31.8	36.5	41.2	47.1	61.2	76.5	170.7	249.6	262.5
82.5°	11.8	14.1	16.5	20.0	22.4	28.3	34.1	41.2	54.2	80.1	169.5
85°	5.9	5.9	5.9	8.2	9.4	13.0	15.3	17.7	24.7	34.1	47.1
87.5°	3.5	3.5	4.7	4.7	4.7	5.9	5.9	5.9	7.1	10.6	15.3
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-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	356°	357°	358°	359°	360°
0°	3922.9	3922.9	3922.9	3922.9	3922.9
2.5°	3938.2	3934.6	3934.6	3948.8	3945.2
5°	3931.1	3927.6	3926.4	3941.7	3934.6
7.5°	3925.2	3912.3	3908.7	3922.9	3917.0
10°	3901.7	3892.3	3898.1	3893.4	3891.1
12.5°	3861.6	3855.8	3831.0	3833.4	3853.4
15°	3789.8	3813.4	3771.0	3808.7	3816.9
17.5°	3658.0	3710.9	3752.2	3774.5	3778.1
20°	3716.8	3734.5	3713.3	3714.5	3728.6
22.5°	3640.3	3648.5	3654.4	3647.4	3678.0
25°	3517.9	3486.1	3554.4	3568.5	3617.9
27.5°	3480.2	3454.3	3486.1	3483.7	3524.9
30°	3449.6	3366.0	3380.1	3402.5	3453.1
32.5°	3406.0	3274.2	3260.0	3309.5	3366.0
35°	3329.5	3204.7	3171.7	3203.5	3288.3
37.5°	3264.7	3108.2	3042.2	3084.6	3195.3
40°	3168.2	3032.8	2930.4	2968.1	3098.7
42.5°	3052.8	2968.1	2810.3	2836.2	2985.7
45°	2936.3	2860.9	2693.7	2706.7	2884.5
47.5°	2817.4	2747.9	2572.5	2574.8	2755.0
50°	2700.8	2609.0	2464.2	2422.9	2617.2
52.5°	2548.9	2464.2	2354.7	2287.6	2486.5
55°	2405.3	2309.9	2229.9	2126.3	2338.2
57.5°	2265.2	2159.2	2105.1	1972.0	2169.8
60°	2073.3	2022.7	1942.6	1815.4	2017.9
62.5°	1876.7	1860.2	1778.9	1647.1	1830.7
65°	1647.1	1685.9	1602.3	1489.3	1636.5
67.5°	1430.5	1499.9	1408.1	1338.6	1449.3
70°	1199.7	1279.8	1228.0	1203.2	1250.3
72.5°	972.5	1050.2	1054.9	1037.2	1052.5
75°	751.1	837.1	884.2	857.1	860.6
77.5°	569.8	611.0	662.8	684.0	679.3
80°	352.0	423.8	466.2	509.8	494.5
82.5°	177.8	237.8	289.6	336.7	314.3
85°	74.2	95.4	133.0	175.4	168.4
87.5°	22.4	37.7	40.0	56.5	53.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)