

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P148986

Luminaire Tested: **TLM-F06-LED-E1-RW-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P148986
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33677)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TLM-F06-LED-E1-RW-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (42) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15877.3 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 3.07 / 1.6
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
CIE Type: Direct

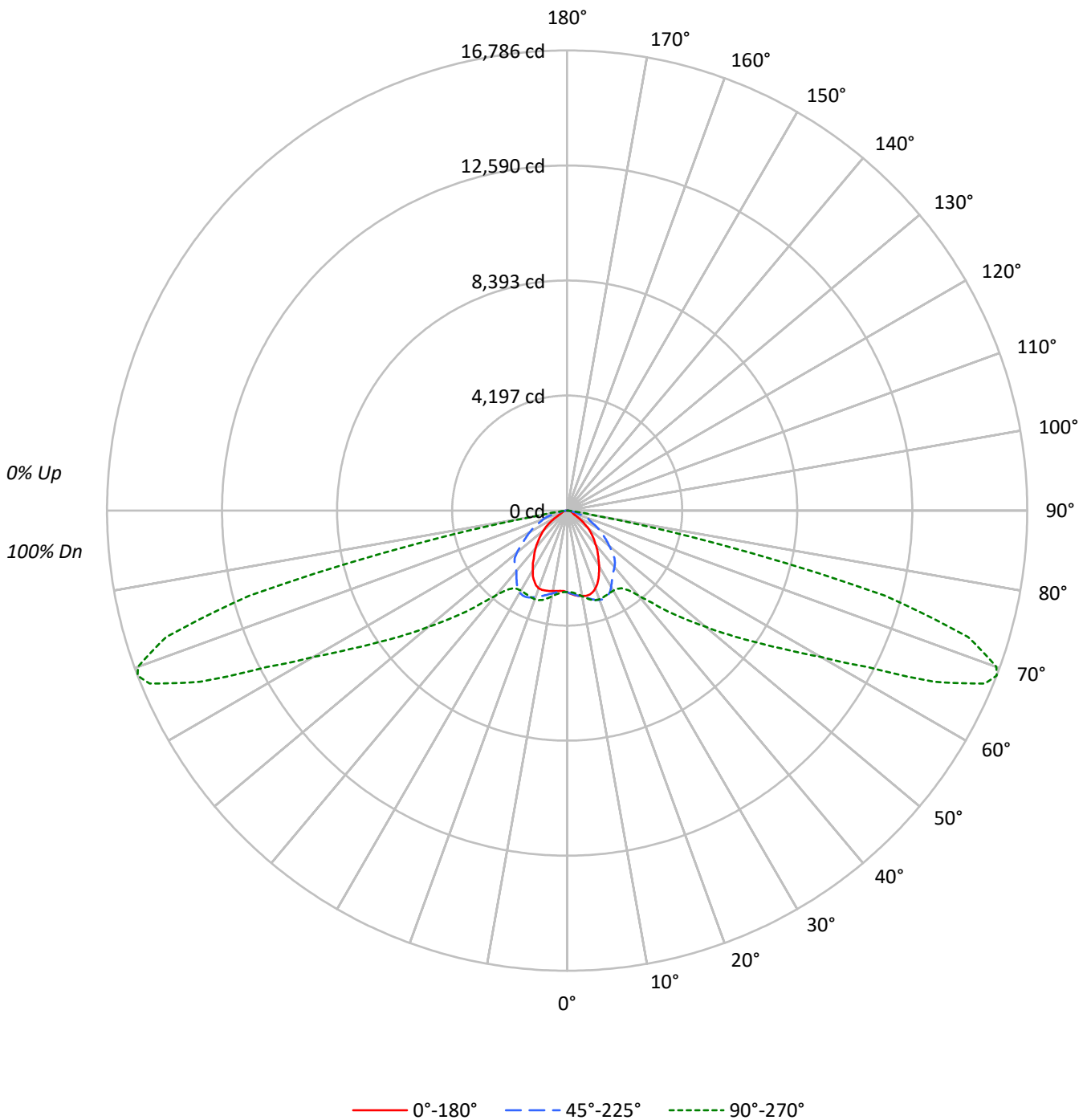
Input Watts (W): 156.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: TLM-F06-LED-E1-RW-7050

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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	106	101	95	91	104	98	93	89	94	90	86	90	87	84	86	84	81	79
2	94	84	76	69	91	82	75	68	79	72	66	75	70	65	72	67	63	61
3	84	72	62	54	81	70	61	54	67	59	52	64	57	51	61	55	51	48
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	47	41	39
5	69	54	44	36	67	53	43	36	51	42	35	49	41	35	47	40	35	32
6	63	48	38	31	61	47	37	30	45	36	30	43	36	30	42	35	29	27
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	38	31	25	23
8	54	39	29	23	52	38	29	23	37	29	23	35	28	23	34	27	22	20
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	32022	32022	32022
5°	33444	32602	31760
10°	34590	34700	32608
15°	35379	37551	33643
20°	34523	39413	34601
25°	32213	40383	33662
30°	28995	41925	31142
35°	25756	45437	27850
40°	22710	56537	25090
45°	19858	79224	21920
50°	16711	110443	18809
55°	12050	156740	14784
60°	7184	229515	8826
65°	6472	376046	6472
70°	6612	524433	6719
75°	7045	499121	7399
80°	7141	64268	7773
85°	4607	16105	6484



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	291.8	1.8
10°-20°	920.5	5.8
20°-30°	1491.4	9.4
30°-40°	1858.6	11.7
40°-50°	2322.6	14.6
50°-60°	2867.9	18.1
60°-70°	3563.5	22.4
70°-80°	2365.7	14.9
80°-90°	195.3	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°	2703.7	17.0
0°-40°	4562.3	28.7
0°-60°	9752.8	61.4
0°-90°	15877.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15877.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2975	2975	2975	2975	2975	
5°	3095	3077	3017	2970	2939	297
15°	3175	3338	3370	3204	3019	888
25°	2712	3454	3400	3487	2834	1239
35°	1960	2887	3458	3212	2119	1228
45°	1304	2431	5204	2714	1440	1006
55°	642	1645	8352	1928	788	573
65°	254	954	14764	1213	254	256
75°	169	376	12001	490	178	177
85°	37	71	130	93	52	48
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	70°	71°	72°
0°	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9
2.5°	3042.7	3052.9	3042.7	3042.7	3034.2	3025.8	3020.7	3008.8	3002.0	2998.6	2998.6
5°	3095.2	3093.5	3095.2	3095.2	3086.7	3076.6	3069.8	3059.6	3049.5	3047.8	3046.1
7.5°	3134.2	3132.5	3137.6	3147.7	3142.7	3134.2	3134.2	3124.0	3117.2	3117.2	3113.8
10°	3164.7	3166.4	3176.5	3191.8	3195.2	3193.5	3205.3	3201.9	3198.6	3201.9	3198.6
12.5°	3185.0	3186.7	3200.3	3229.1	3247.7	3259.5	3290.0	3291.7	3293.4	3293.4	3293.4
15°	3174.8	3174.8	3201.9	3256.2	3301.9	3337.5	3376.4	3383.2	3376.4	3381.5	3378.1
17.5°	3115.5	3118.9	3163.0	3246.0	3339.2	3417.1	3459.5	3447.6	3435.7	3435.7	3430.7
20°	3013.9	3020.7	3080.0	3196.9	3344.3	3467.9	3534.0	3495.0	3462.8	3457.8	3452.7
22.5°	2888.5	2883.4	2954.6	3102.0	3305.3	3490.0	3579.7	3532.3	3474.7	3462.8	3454.4
25°	2712.3	2715.7	2790.3	2954.6	3207.0	3454.4	3593.3	3569.6	3501.8	3486.6	3467.9
27.5°	2519.2	2527.7	2607.3	2775.0	3054.6	3366.3	3578.0	3606.8	3554.3	3537.4	3520.4
30°	2332.8	2337.9	2427.7	2607.3	2866.5	3210.4	3537.4	3647.5	3620.4	3606.8	3591.6
32.5°	2134.6	2151.6	2229.5	2432.8	2717.4	3039.3	3474.7	3689.9	3700.0	3691.6	3683.1
35°	1960.1	1973.7	2061.8	2275.2	2573.4	2886.8	3398.5	3735.6	3805.1	3803.4	3801.7
37.5°	1802.6	1806.0	1899.1	2116.0	2431.1	2780.1	3318.8	3810.1	3933.8	3950.8	3971.1
40°	1616.2	1633.2	1729.7	1963.5	2290.5	2688.6	3251.1	3910.1	4113.4	4150.7	4179.5
42.5°	1467.1	1467.1	1553.5	1785.6	2124.5	2583.6	3227.4	4035.5	4326.9	4377.7	4428.5
45°	1304.5	1309.6	1392.6	1604.4	1934.7	2431.1	3224.0	4174.4	4565.7	4638.6	4701.3
47.5°	1150.3	1153.7	1241.8	1446.8	1738.2	2221.0	3181.6	4328.6	4816.5	4921.5	4991.0
50°	997.9	992.8	1077.5	1285.9	1563.7	2004.2	3046.1	4528.5	5128.2	5233.2	5312.9
52.5°	809.8	823.4	914.8	1113.1	1392.6	1819.5	2769.9	4725.0	5450.1	5568.7	5677.1
55°	642.1	640.4	743.7	923.3	1207.9	1645.0	2443.0	4863.9	5763.5	5900.7	6021.0
57.5°	460.8	465.9	554.0	731.9	1016.5	1489.2	2195.6	4840.2	6005.8	6168.4	6320.9
60°	333.7	343.9	410.0	540.4	811.5	1309.6	2022.8	4565.7	6171.8	6393.7	6578.4
62.5°	281.2	289.7	347.3	418.5	626.8	1121.5	1855.1	4125.3	6387.0	6680.0	6947.7
65°	254.1	260.9	318.5	359.2	481.1	953.8	1750.1	3813.5	6669.9	7115.4	7481.4
67.5°	228.7	238.9	289.7	320.2	408.3	852.2	1719.6	3766.1	6724.1	7313.7	7833.8
69°	216.9	227.0	272.8	299.9	384.6	820.0	1662.0	3595.0	6370.0	7003.6	7586.4
70°	210.1	218.5	259.2	288.0	377.8	789.5	1580.6	3344.3	5993.9	6632.6	7259.4
72.5°	193.1	198.2	232.1	260.9	347.3	606.5	1197.8	2415.9	4474.3	5106.2	5721.1
75°	169.4	174.5	205.0	233.8	269.4	376.1	726.8	1433.3	2746.2	3171.5	3788.1
77.5°	145.7	150.8	176.2	220.2	213.5	245.7	443.9	857.2	1440.0	1651.8	2046.5
80°	115.2	122.0	147.4	211.8	177.9	194.8	325.3	633.6	875.9	964.0	1067.3
82.5°	81.3	84.7	111.8	169.4	133.8	147.4	244.0	526.9	703.1	767.5	797.9
85°	37.3	39.0	66.1	100.0	79.6	71.2	130.4	337.1	465.9	484.5	511.6
87.5°	0.0	0.0	6.8	6.8	13.6	8.5	15.2	42.4	71.2	71.2	86.4
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):

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9
2.5°	3000.3	2998.6	3000.3	3000.3	3002.0	2995.3	2993.6	2991.9	2990.2	2991.9	2988.5
5°	3046.1	3044.4	3044.4	3046.1	3044.4	3039.3	3037.6	3037.6	3032.5	3030.8	3030.8
7.5°	3115.5	3112.2	3107.1	3110.5	3112.2	3110.5	3112.2	3107.1	3107.1	3102.0	3103.7
10°	3201.9	3198.6	3196.9	3200.3	3201.9	3200.3	3201.9	3195.2	3193.5	3191.8	3188.4
12.5°	3296.8	3290.0	3295.1	3295.1	3296.8	3303.6	3295.1	3298.5	3291.7	3291.7	3290.0
15°	3379.8	3378.1	3381.5	3381.5	3379.8	3384.9	3383.2	3384.9	3376.4	3373.1	3381.5
17.5°	3432.4	3427.3	3429.0	3427.3	3427.3	3427.3	3430.7	3430.7	3425.6	3423.9	3427.3
20°	3445.9	3437.4	3435.7	3434.0	3430.7	3430.7	3432.4	3429.0	3425.6	3422.2	3425.6
22.5°	3442.5	3432.4	3422.2	3417.1	3412.0	3405.2	3403.5	3400.2	3395.1	3395.1	3396.8
25°	3454.4	3435.7	3420.5	3410.3	3396.8	3388.3	3381.5	3373.1	3364.6	3359.5	3361.2
27.5°	3495.0	3474.7	3454.4	3434.0	3413.7	3396.8	3383.2	3368.0	3354.4	3344.3	3339.2
30°	3571.3	3544.2	3520.4	3496.7	3471.3	3447.6	3425.6	3401.9	3376.4	3361.2	3347.6
32.5°	3659.4	3640.7	3625.5	3598.4	3571.3	3542.5	3515.4	3495.0	3457.8	3429.0	3405.2
35°	3793.2	3786.4	3778.0	3757.6	3727.1	3711.9	3689.9	3657.7	3613.6	3588.2	3552.6
37.5°	3977.9	3979.6	3972.8	3964.3	3967.7	3938.9	3925.3	3922.0	3877.9	3861.0	3808.5
40°	4204.9	4230.3	4252.3	4252.3	4269.3	4271.0	4267.6	4296.4	4264.2	4271.0	4215.0
42.5°	4457.3	4518.3	4552.2	4577.6	4633.5	4658.9	4701.3	4764.0	4767.3	4799.5	4802.9
45°	4755.5	4823.2	4887.6	4953.7	5028.2	5116.3	5204.4	5268.8	5370.5	5392.5	5465.3
47.5°	5065.5	5163.8	5238.3	5323.0	5450.1	5563.6	5694.0	5826.2	5943.1	6026.1	6073.5
50°	5407.7	5507.7	5616.1	5711.0	5846.5	6005.8	6187.0	6368.3	6519.1	6666.5	6785.1
52.5°	5787.2	5897.3	5999.0	6122.7	6259.9	6449.6	6647.8	6896.9	7098.5	7300.1	7445.8
55°	6151.5	6275.1	6368.3	6525.9	6668.2	6863.0	7108.7	7403.4	7683.0	7926.9	8125.1
57.5°	6468.3	6590.2	6720.7	6856.2	7029.0	7223.9	7525.4	7860.9	8179.4	8499.6	8792.6
60°	6764.7	6929.1	7071.4	7251.0	7423.8	7649.1	8008.3	8423.3	8858.7	9256.8	9549.9
62.5°	7212.0	7422.1	7589.8	7811.7	8052.3	8318.3	8714.7	9172.1	9739.7	10253.0	10708.7
65°	7837.1	8159.0	8430.1	8702.9	8995.9	9361.9	9790.5	10371.6	10998.4	11757.4	12358.8
67.5°	8282.7	8685.9	9036.6	9378.8	9716.0	10120.9	10651.1	11332.2	12143.7	12941.6	13705.7
69°	8103.1	8530.1	8919.7	9260.2	9616.0	10020.9	10537.6	11284.7	12111.5	12989.1	13746.3
70°	7725.3	8186.1	8602.9	8928.2	9292.4	9693.9	10264.9	10978.1	11821.8	12729.9	13471.9
72.5°	6212.5	6698.7	7110.4	7471.2	7852.4	8323.4	8831.6	9516.0	10451.2	11340.6	12001.4
75°	4279.4	4733.5	5199.4	5468.7	5905.8	6241.3	6724.1	7425.5	8206.5	8860.4	9472.0
77.5°	2420.9	2664.9	3017.3	3127.4	3440.8	3664.4	3920.3	4352.3	4758.9	5138.4	5248.5
80°	1101.2	1028.3	1063.9	1009.7	1069.0	1031.7	989.4	1013.1	1008.0	1084.3	1013.1
82.5°	792.9	684.4	569.2	491.3	432.0	365.9	311.7	279.5	276.1	289.7	284.6
85°	506.6	462.5	362.5	291.4	223.6	172.8	144.0	130.4	130.4	138.9	137.2
87.5°	88.1	76.2	47.4	40.7	35.6	23.7	15.2	15.2	13.6	16.9	22.0
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):

	84°	85°	86°	87°	88°	89°	90°	91°	92°	93°	94°
0°	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9
2.5°	2988.5	2986.8	2983.4	2981.7	2981.7	2978.3	2976.6	2980.0	2981.7	2983.4	2978.3
5°	3030.8	3025.8	3024.1	3025.8	3017.3	3019.0	3017.3	3019.0	3019.0	3019.0	3015.6
7.5°	3098.6	3093.5	3096.9	3093.5	3088.4	3086.7	3086.7	3081.7	3074.9	3073.2	3074.9
10°	3191.8	3185.0	3186.7	3188.4	3183.3	3179.9	3174.8	3168.1	3168.1	3166.4	3163.0
12.5°	3291.7	3288.3	3288.3	3290.0	3288.3	3281.6	3274.8	3271.4	3269.7	3269.7	3269.7
15°	3378.1	3376.4	3378.1	3376.4	3376.4	3373.1	3369.7	3364.6	3362.9	3364.6	3366.3
17.5°	3427.3	3422.2	3427.3	3429.0	3427.3	3427.3	3427.3	3423.9	3422.2	3422.2	3423.9
20°	3430.7	3427.3	3430.7	3435.7	3435.7	3437.4	3440.8	3442.5	3440.8	3444.2	3445.9
22.5°	3396.8	3396.8	3401.9	3406.9	3415.4	3418.8	3425.6	3429.0	3432.4	3437.4	3440.8
25°	3362.9	3361.2	3366.3	3376.4	3383.2	3391.7	3400.2	3406.9	3413.7	3420.5	3427.3
27.5°	3339.2	3337.5	3340.9	3349.3	3357.8	3368.0	3381.5	3391.7	3400.2	3408.6	3413.7
30°	3340.9	3334.1	3332.4	3339.2	3347.6	3359.5	3373.1	3384.9	3396.8	3403.5	3408.6
32.5°	3390.0	3373.1	3366.3	3364.6	3368.0	3376.4	3386.6	3398.5	3406.9	3413.7	3415.4
35°	3517.1	3484.9	3478.1	3456.1	3459.5	3457.8	3457.8	3464.5	3471.3	3471.3	3459.5
37.5°	3774.6	3728.8	3696.6	3674.6	3652.6	3650.9	3647.5	3644.1	3627.2	3617.0	3615.3
40°	4176.1	4157.4	4096.5	4079.5	4042.2	4016.8	4023.6	4010.1	3969.4	3954.1	3947.4
42.5°	4762.3	4772.4	4738.5	4658.9	4626.7	4577.6	4536.9	4530.2	4492.9	4462.4	4438.7
45°	5450.1	5468.7	5443.3	5385.7	5328.1	5253.6	5204.4	5109.6	5072.3	5024.9	4992.7
47.5°	6156.5	6207.4	6166.7	6115.9	6083.7	5966.8	5865.2	5755.0	5699.1	5631.4	5600.9
50°	6857.9	6947.7	6924.0	6876.6	6841.0	6693.6	6595.3	6442.9	6410.7	6342.9	6305.6
52.5°	7559.3	7647.4	7699.9	7655.9	7630.5	7511.9	7444.1	7322.1	7230.6	7188.3	7186.6
55°	8267.5	8409.8	8492.8	8477.5	8435.2	8419.9	8352.2	8340.3	8269.2	8223.4	8162.4
57.5°	8960.4	9111.1	9255.1	9339.9	9375.4	9363.6	9395.8	9392.4	9402.5	9397.5	9297.5
60°	9841.3	10080.2	10290.3	10424.1	10551.2	10639.3	10661.3	10791.7	10754.5	10835.8	10679.9
62.5°	11084.8	11394.9	11713.4	11854.0	12009.8	12296.1	12363.9	12518.1	12541.8	12562.1	12479.1
65°	12817.9	13224.5	13705.7	13920.8	14164.8	14532.4	14764.5	14928.9	14923.8	14812.0	14705.2
67.5°	14296.9	14778.1	15220.3	15594.7	15958.9	16245.2	16489.2	16711.1	16723.0	16653.5	16470.5
69°	14424.0	14927.2	15408.3	15858.9	16219.8	16538.3	16785.7	16958.5	16995.7	16934.7	16765.3
70°	14188.5	14696.8	15220.3	15652.3	16060.6	16397.7	16663.7	16829.7	16880.5	16817.8	16658.6
72.5°	12740.0	13233.0	13624.4	14132.6	14713.7	14925.5	15335.5	15471.0	15596.4	15513.3	15418.5
75°	9980.2	10444.4	10849.3	11113.6	11379.6	11903.1	12001.4	12255.5	12341.9	12260.6	12365.6
77.5°	5199.4	5512.8	5648.3	5436.5	5468.7	5882.1	5648.3	5922.8	6080.3	6126.1	6192.1
80°	994.5	1045.3	1084.3	1070.7	1084.3	1114.8	1036.8	994.5	1050.4	1038.5	1038.5
82.5°	293.1	288.0	288.0	303.3	301.6	308.3	308.3	296.5	304.9	304.9	306.6
85°	133.8	127.1	125.4	127.1	125.4	125.4	130.4	130.4	140.6	132.1	133.8
87.5°	16.9	15.2	16.9	16.9	13.6	13.6	15.2	16.9	16.9	15.2	15.2
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):

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9	2974.9
2.5°	2976.6	2974.9	2974.9	2974.9	2973.2	2971.5	2969.8	2964.8	2959.7	2958.0	2949.5
5°	3008.8	3010.5	3007.1	3003.7	3003.7	3003.7	2998.6	2985.1	2974.9	2969.8	2958.0
7.5°	3076.6	3073.2	3068.1	3066.4	3063.0	3064.7	3054.6	3037.6	3019.0	3007.1	2988.5
10°	3166.4	3163.0	3159.6	3156.2	3151.1	3151.1	3139.3	3113.8	3085.0	3064.7	3030.8
12.5°	3271.4	3268.0	3264.6	3262.9	3254.5	3252.8	3235.8	3205.3	3168.1	3129.1	3080.0
15°	3368.0	3362.9	3361.2	3356.1	3351.0	3349.3	3334.1	3293.4	3247.7	3203.6	3139.3
17.5°	3429.0	3425.6	3420.5	3417.1	3415.4	3413.7	3391.7	3357.8	3322.2	3278.2	3200.3
20°	3449.3	3451.0	3447.6	3444.2	3439.1	3435.7	3415.4	3383.2	3376.4	3352.7	3273.1
22.5°	3445.9	3445.9	3444.2	3437.4	3434.0	3425.6	3396.8	3381.5	3418.8	3429.0	3327.3
25°	3432.4	3430.7	3425.6	3420.5	3410.3	3398.5	3354.4	3362.9	3467.9	3486.6	3339.2
27.5°	3417.1	3415.4	3406.9	3395.1	3379.8	3362.9	3307.0	3362.9	3513.7	3498.4	3290.0
30°	3408.6	3401.9	3390.0	3373.1	3352.7	3334.1	3273.1	3406.9	3545.9	3457.8	3154.5
32.5°	3410.3	3398.5	3381.5	3359.5	3335.8	3313.8	3271.4	3484.9	3557.7	3359.5	2963.1
35°	3451.0	3432.4	3410.3	3388.3	3364.6	3344.3	3347.6	3593.3	3556.0	3212.1	2778.4
37.5°	3598.4	3566.2	3550.9	3527.2	3493.3	3476.4	3544.2	3713.6	3532.3	3032.5	2615.8
40°	3923.7	3896.5	3874.5	3813.5	3825.4	3811.8	3876.2	3877.9	3501.8	2881.8	2480.2
42.5°	4398.0	4398.0	4350.6	4342.1	4309.9	4325.2	4354.0	4071.0	3471.3	2792.0	2346.4
45°	4957.1	4999.4	4980.8	4975.7	5001.1	5031.6	4899.5	4299.8	3473.0	2714.0	2190.5
47.5°	5621.2	5656.8	5675.4	5705.9	5738.1	5719.5	5446.7	4540.3	3503.5	2602.2	1990.6
50°	6327.7	6414.1	6441.2	6480.1	6508.9	6514.0	5965.1	4787.7	3535.7	2397.2	1773.8
52.5°	7203.5	7284.9	7313.7	7340.8	7318.7	7300.1	6473.4	5080.8	3510.3	2153.3	1589.1
55°	8233.6	8248.8	8243.7	8209.9	8191.2	8089.6	6944.3	5392.5	3312.1	1927.9	1412.9
57.5°	9306.0	9312.7	9251.8	9133.2	8995.9	8899.4	7396.7	5650.0	2891.9	1746.7	1238.4
60°	10686.7	10547.8	10444.4	10263.2	10039.5	9832.9	7881.2	5794.0	2490.4	1572.2	1041.9
62.5°	12353.8	12075.9	11852.3	11669.3	11339.0	10974.7	8499.6	5812.6	2246.4	1406.1	818.3
65°	14512.1	14219.0	13837.8	13524.4	13166.9	12675.6	9497.4	5678.8	2126.2	1213.0	598.0
67.5°	16211.3	15914.9	15487.9	15137.2	14676.4	14103.8	10324.2	5445.0	2097.4	1038.5	471.0
69°	16507.8	16184.2	15799.7	15360.9	14871.3	14259.7	10356.3	5173.9	2053.3	972.4	432.0
70°	16399.4	16062.2	15691.2	15225.3	14676.4	14047.9	10112.4	4872.4	1965.2	935.2	418.5
72.5°	15183.0	14669.7	14296.9	13898.8	13231.3	12594.3	8706.2	3686.5	1529.8	787.8	391.3
75°	12155.5	11716.7	11296.6	11098.4	10544.4	10004.0	6536.0	2341.3	999.5	489.6	306.6
77.5°	6197.2	6117.6	6237.9	6148.1	5748.3	5748.3	4033.8	1243.5	587.9	294.8	233.8
80°	1113.1	1160.5	1138.5	1185.9	1102.9	1224.9	1418.0	835.2	416.8	225.3	191.4
82.5°	311.7	315.1	311.7	313.4	323.6	340.5	737.0	718.3	321.9	169.4	149.1
85°	145.7	147.4	150.8	150.8	164.3	167.7	494.7	515.0	188.1	93.2	100.0
87.5°	16.9	22.0	22.0	20.3	23.7	23.7	91.5	103.3	25.4	18.6	30.5
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: P148986

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CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	2974.9	2974.9	2974.9	2974.9
2.5°	2942.7	2936.0	2929.2	2934.3
5°	2952.9	2942.7	2934.3	2939.4
7.5°	2980.0	2963.1	2961.4	2961.4
10°	3013.9	2990.2	2983.4	2983.4
12.5°	3049.5	3017.3	3005.4	3005.4
15°	3086.7	3041.0	3024.1	3019.0
17.5°	3129.1	3064.7	3034.2	3034.2
20°	3169.8	3068.1	3022.4	3020.7
22.5°	3176.5	3029.1	2963.1	2959.7
25°	3125.7	2937.7	2851.3	2834.3
27.5°	3005.4	2795.3	2703.9	2700.5
30°	2824.2	2609.0	2515.8	2505.6
32.5°	2646.3	2417.6	2331.2	2331.2
35°	2466.7	2243.1	2131.2	2119.4
37.5°	2300.7	2058.4	1958.4	1956.7
40°	2148.2	1897.4	1800.9	1785.6
42.5°	1995.7	1728.0	1617.9	1614.5
45°	1814.4	1543.4	1448.5	1440.0
47.5°	1621.3	1377.3	1277.4	1275.7
50°	1446.8	1223.2	1123.2	1123.2
52.5°	1287.6	1072.4	972.4	962.3
55°	1108.0	901.3	799.6	787.8
57.5°	913.1	709.8	618.4	593.0
60°	706.5	516.7	423.5	410.0
62.5°	515.0	377.8	308.3	298.2
65°	388.0	321.9	264.3	254.1
67.5°	333.7	289.7	240.6	230.4
69°	310.0	274.5	230.4	220.2
70°	299.9	264.3	221.9	213.5
72.5°	276.1	242.3	203.3	199.9
75°	252.4	220.2	183.0	177.9
77.5°	244.0	191.4	157.6	154.2
80°	249.0	155.9	128.8	125.4
82.5°	203.3	125.4	100.0	94.9
85°	127.1	84.7	52.5	52.5
87.5°	32.2	27.1	15.2	15.2
90°	0.0	0.0	0.0	0.0

(END OF REPORT)