

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: P148974

Luminaire Tested: **TLM-F05-LED-E1-RW-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P148974
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-F05-LED-E1-RW-7030
Description: TALON MEDIUM LED SITE LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (35) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11777.1 lumens
Efficiency: N/A
Efficacy: 88.4 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 3.07 / 1.6
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
CIE Type: Direct

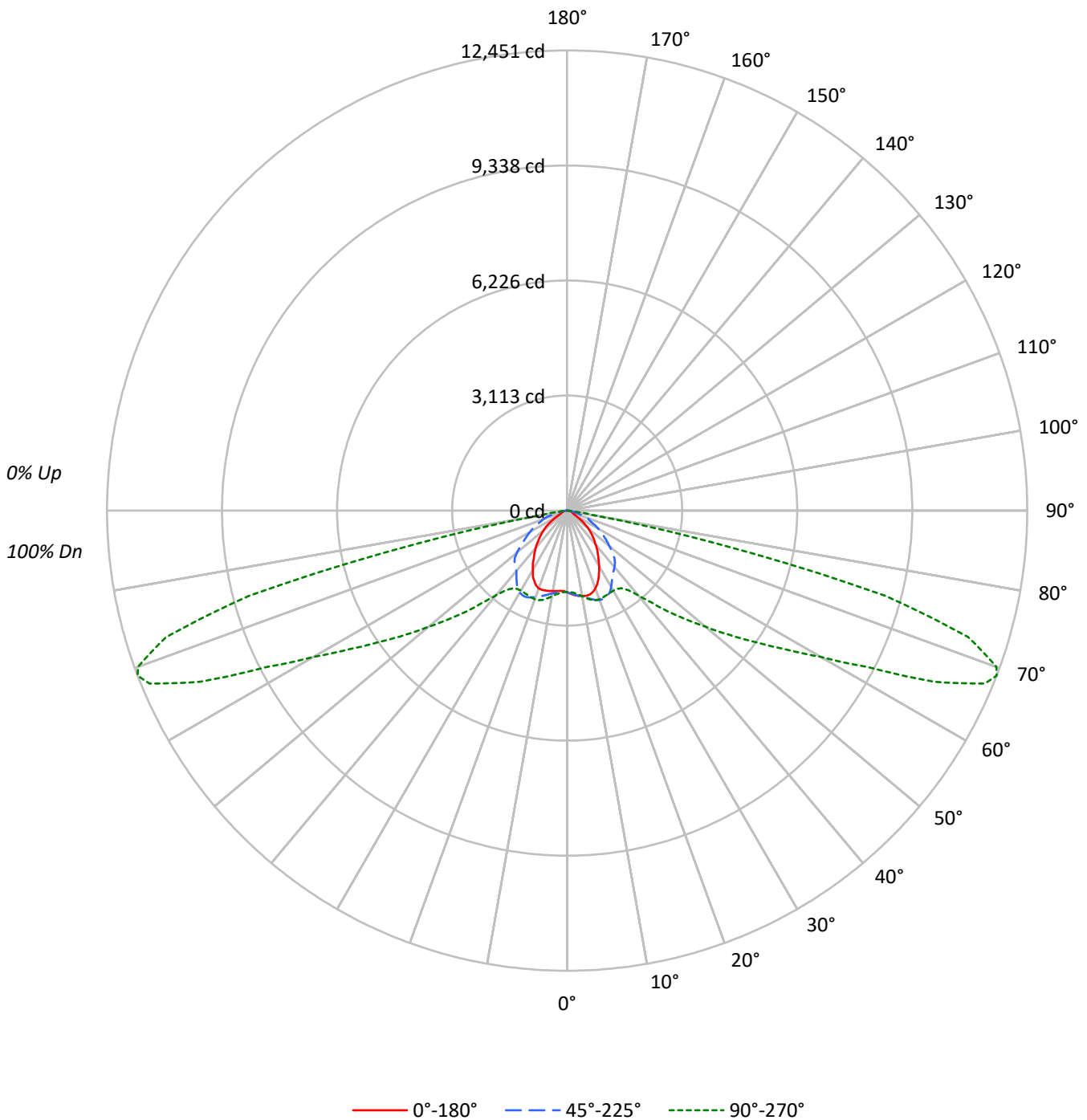
Input Watts (W): 133.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: TLM-F05-LED-E1-RW-7030

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°	28618	28618	28618
5°	29888	29136	28383
10°	30912	31012	29142
15°	31618	33558	30066
20°	30853	35224	30922
25°	28789	36089	30084
30°	25912	37467	27832
35°	23019	40605	24889
40°	20295	50527	22423
45°	17746	70801	19591
50°	14934	98703	16810
55°	10769	140076	13211
60°	6422	205114	7887
65°	5784	336070	5784
70°	5908	468680	6002
75°	6298	446055	6609
80°	6385	57439	6946
85°	4107	14404	5803



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	216.4	1.8
10°-20°	682.8	5.8
20°-30°	1106.2	9.4
30°-40°	1378.7	11.7
40°-50°	1722.8	14.6
50°-60°	2127.3	18.1
60°-70°	2643.3	22.4
70°-80°	1754.8	14.9
80°-90°	144.9	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°	2005.5	17.0
0°-40°	3384.2	28.7
0°-60°	7234.2	61.4
0°-90°	11777.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11777.1	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	2207	2207	2207	2207	2207	
5°	2296	2282	2238	2203	2180	221
15°	2355	2476	2500	2376	2239	659
25°	2012	2562	2522	2586	2102	919
35°	1454	2141	2565	2383	1572	911
45°	968	1803	3860	2013	1068	746
55°	476	1220	6195	1430	584	425
65°	188	708	10952	900	188	190
75°	126	279	8902	363	132	131
85°	28	53	97	69	39	36
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°	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7
2.5°	2257.0	2264.5	2257.0	2257.0	2250.7	2244.4	2240.6	2231.8	2226.8	2224.3	2224.3
5°	2295.9	2294.7	2295.9	2295.9	2289.6	2282.1	2277.1	2269.5	2262.0	2260.7	2259.5
7.5°	2324.8	2323.6	2327.3	2334.9	2331.1	2324.8	2324.8	2317.3	2312.2	2312.2	2309.7
10°	2347.4	2348.7	2356.2	2367.5	2370.1	2368.8	2377.6	2375.1	2372.6	2375.1	2372.6
12.5°	2362.5	2363.8	2373.8	2395.2	2409.0	2417.8	2440.4	2441.7	2442.9	2442.9	2442.9
15°	2355.0	2355.0	2375.1	2415.3	2449.2	2475.6	2504.5	2509.5	2504.5	2508.3	2505.8
17.5°	2311.0	2313.5	2346.2	2407.8	2476.9	2534.7	2566.1	2557.3	2548.5	2548.5	2544.7
20°	2235.6	2240.6	2284.6	2371.3	2480.6	2572.4	2621.4	2592.5	2568.6	2564.8	2561.1
22.5°	2142.6	2138.8	2191.6	2300.9	2451.7	2588.7	2655.3	2620.1	2577.4	2568.6	2562.3
25°	2011.9	2014.4	2069.7	2191.6	2378.8	2562.3	2665.4	2647.8	2597.5	2586.2	2572.4
27.5°	1868.6	1874.9	1934.0	2058.4	2265.8	2497.0	2654.1	2675.4	2636.5	2623.9	2611.3
30°	1730.4	1734.2	1800.8	1934.0	2126.3	2381.4	2623.9	2705.6	2685.5	2675.4	2664.1
32.5°	1583.4	1596.0	1653.8	1804.6	2015.7	2254.4	2577.4	2737.0	2744.5	2738.3	2732.0
35°	1454.0	1464.0	1529.4	1687.7	1908.9	2141.3	2520.9	2770.9	2822.4	2821.2	2819.9
37.5°	1337.1	1339.6	1408.7	1569.6	1803.3	2062.2	2461.8	2826.2	2918.0	2930.5	2945.6
40°	1198.8	1211.4	1283.0	1456.5	1699.0	1994.3	2411.5	2900.4	3051.2	3078.8	3100.2
42.5°	1088.3	1088.3	1152.4	1324.5	1575.8	1916.4	2393.9	2993.4	3209.5	3247.2	3284.9
45°	967.6	971.4	1033.0	1190.1	1435.1	1803.3	2391.4	3096.4	3386.7	3440.7	3487.2
47.5°	853.3	855.8	921.1	1073.2	1289.3	1647.5	2360.0	3210.8	3572.7	3650.6	3702.1
50°	740.2	736.4	799.2	953.8	1159.9	1486.6	2259.5	3359.0	3803.9	3881.8	3940.9
52.5°	600.7	610.7	678.6	825.6	1033.0	1349.6	2054.6	3504.8	4042.7	4130.6	4211.1
55°	476.3	475.0	551.7	684.9	896.0	1220.2	1812.1	3607.9	4275.1	4376.9	4466.2
57.5°	341.8	345.6	410.9	542.9	754.0	1104.6	1628.6	3590.3	4454.8	4575.5	4688.6
60°	247.6	255.1	304.1	400.9	601.9	971.4	1500.4	3386.7	4578.0	4742.6	4879.6
62.5°	208.6	214.9	257.6	310.4	465.0	831.9	1376.0	3060.0	4737.6	4955.0	5153.5
65°	188.5	193.5	236.3	266.4	356.9	707.5	1298.1	2828.7	4947.5	5278.0	5549.4
67.5°	169.6	177.2	214.9	237.5	302.9	632.1	1275.5	2793.5	4987.7	5425.0	5810.8
69°	160.9	168.4	202.3	222.4	285.3	608.2	1232.8	2666.6	4725.0	5195.0	5627.3
70°	155.8	162.1	192.3	213.6	280.2	585.6	1172.5	2480.6	4446.0	4919.8	5384.8
72.5°	143.3	147.0	172.2	193.5	257.6	449.9	888.5	1792.0	3318.8	3787.6	4243.7
75°	125.7	129.4	152.1	173.4	199.8	279.0	539.1	1063.1	2037.0	2352.5	2809.9
77.5°	108.1	111.8	130.7	163.4	158.3	182.2	329.2	635.9	1068.2	1225.2	1518.0
80°	85.5	90.5	109.3	157.1	131.9	144.5	241.3	470.0	649.7	715.0	791.7
82.5°	60.3	62.8	82.9	125.7	99.3	109.3	181.0	390.8	521.5	569.3	591.9
85°	27.6	28.9	49.0	74.1	59.1	52.8	96.8	250.1	345.6	359.4	379.5
87.5°	0.0	0.0	5.0	5.0	10.1	6.3	11.3	31.4	52.8	52.8	64.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7
2.5°	2225.5	2224.3	2225.5	2225.5	2226.8	2221.8	2220.5	2219.3	2218.0	2219.3	2216.7
5°	2259.5	2258.2	2258.2	2259.5	2258.2	2254.4	2253.2	2253.2	2249.4	2248.2	2248.2
7.5°	2311.0	2308.5	2304.7	2307.2	2308.5	2307.2	2308.5	2304.7	2304.7	2300.9	2302.2
10°	2375.1	2372.6	2371.3	2373.8	2375.1	2373.8	2375.1	2370.1	2368.8	2367.5	2365.0
12.5°	2445.5	2440.4	2444.2	2444.2	2445.5	2450.5	2444.2	2446.7	2441.7	2441.7	2440.4
15°	2507.0	2505.8	2508.3	2508.3	2507.0	2510.8	2509.5	2510.8	2504.5	2502.0	2508.3
17.5°	2546.0	2542.2	2543.5	2542.2	2542.2	2542.2	2544.7	2544.7	2541.0	2539.7	2542.2
20°	2556.0	2549.8	2548.5	2547.2	2544.7	2544.7	2546.0	2543.5	2541.0	2538.4	2541.0
22.5°	2553.5	2546.0	2538.4	2534.7	2530.9	2525.9	2524.6	2522.1	2518.3	2518.3	2519.6
25°	2562.3	2548.5	2537.2	2529.6	2519.6	2513.3	2508.3	2502.0	2495.7	2491.9	2493.2
27.5°	2592.5	2577.4	2562.3	2547.2	2532.2	2519.6	2509.5	2498.2	2488.2	2480.6	2476.9
30°	2649.0	2628.9	2611.3	2593.7	2574.9	2557.3	2541.0	2523.4	2504.5	2493.2	2483.2
32.5°	2714.4	2700.6	2689.2	2669.1	2649.0	2627.7	2607.6	2592.5	2564.8	2543.5	2525.9
35°	2813.7	2808.6	2802.3	2787.3	2764.6	2753.3	2737.0	2713.1	2680.4	2661.6	2635.2
37.5°	2950.6	2951.9	2946.9	2940.6	2943.1	2921.7	2911.7	2909.2	2876.5	2863.9	2825.0
40°	3119.0	3137.9	3154.2	3154.2	3166.8	3168.0	3165.5	3186.9	3163.0	3168.0	3126.6
42.5°	3306.3	3351.5	3376.6	3395.5	3437.0	3455.8	3487.2	3533.7	3536.2	3560.1	3562.6
45°	3527.4	3577.7	3625.5	3674.5	3729.8	3795.1	3860.4	3908.2	3983.6	3999.9	4054.0
47.5°	3757.4	3830.3	3885.6	3948.4	4042.7	4126.9	4223.6	4321.6	4408.3	4469.9	4505.1
50°	4011.2	4085.4	4165.8	4236.2	4336.7	4454.8	4589.3	4723.8	4835.6	4944.9	5032.9
52.5°	4292.7	4374.4	4449.8	4541.6	4643.3	4784.1	4931.1	5115.8	5265.4	5414.9	5523.0
55°	4562.9	4654.7	4723.8	4840.6	4946.2	5090.7	5272.9	5491.6	5698.9	5879.9	6026.9
57.5°	4797.9	4888.4	4985.2	5085.7	5213.9	5358.4	5582.1	5830.9	6067.1	6304.6	6522.0
60°	5017.8	5139.7	5245.3	5378.5	5506.7	5673.8	5940.2	6248.1	6571.1	6866.4	7083.8
62.5°	5349.6	5505.4	5629.8	5794.4	5972.9	6170.2	6464.2	6803.5	7224.5	7605.3	7943.3
65°	5813.3	6052.1	6253.1	6455.4	6672.8	6944.3	7262.2	7693.2	8158.2	8721.2	9167.3
67.5°	6143.8	6442.9	6703.0	6956.8	7206.9	7507.3	7900.6	8405.8	9007.7	9599.6	10166.3
69°	6010.6	6327.3	6616.3	6868.9	7132.8	7433.1	7816.4	8370.6	8983.8	9634.8	10196.5
70°	5730.4	6072.2	6381.3	6622.6	6892.8	7190.6	7614.1	8143.1	8768.9	9442.5	9992.9
72.5°	4608.2	4968.8	5274.2	5541.9	5824.6	6173.9	6550.9	7058.6	7752.3	8412.1	8902.1
75°	3174.3	3511.1	3856.7	4056.5	4380.7	4629.5	4987.7	5507.9	6087.2	6572.3	7026.0
77.5°	1795.8	1976.7	2238.1	2319.8	2552.3	2718.1	2907.9	3228.3	3529.9	3811.4	3893.1
80°	816.8	762.8	789.2	749.0	792.9	765.3	733.9	751.5	747.7	804.3	751.5
82.5°	588.1	507.7	422.2	364.4	320.4	271.4	231.2	207.3	204.8	214.9	211.1
85°	375.7	343.1	268.9	216.1	165.9	128.2	106.8	96.8	96.8	103.0	101.8
87.5°	65.3	56.5	35.2	30.2	26.4	17.6	11.3	11.3	10.1	12.6	16.3
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°	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7
2.5°	2216.7	2215.5	2213.0	2211.7	2211.7	2209.2	2207.9	2210.5	2211.7	2213.0	2209.2
5°	2248.2	2244.4	2243.1	2244.4	2238.1	2239.4	2238.1	2239.4	2239.4	2239.4	2236.8
7.5°	2298.4	2294.7	2297.2	2294.7	2290.9	2289.6	2289.6	2285.9	2280.8	2279.6	2280.8
10°	2367.5	2362.5	2363.8	2365.0	2361.3	2358.7	2355.0	2349.9	2349.9	2348.7	2346.2
12.5°	2441.7	2439.2	2439.2	2440.4	2439.2	2434.1	2429.1	2426.6	2425.3	2425.3	2425.3
15°	2505.8	2504.5	2505.8	2504.5	2504.5	2502.0	2499.5	2495.7	2494.5	2495.7	2497.0
17.5°	2542.2	2538.4	2542.2	2543.5	2542.2	2542.2	2542.2	2539.7	2538.4	2538.4	2539.7
20°	2544.7	2542.2	2544.7	2548.5	2548.5	2549.8	2552.3	2553.5	2552.3	2554.8	2556.0
22.5°	2519.6	2519.6	2523.4	2527.1	2533.4	2535.9	2541.0	2543.5	2546.0	2549.8	2552.3
25°	2494.5	2493.2	2497.0	2504.5	2509.5	2515.8	2522.1	2527.1	2532.2	2537.2	2542.2
27.5°	2476.9	2475.6	2478.1	2484.4	2490.7	2498.2	2508.3	2515.8	2522.1	2528.4	2532.2
30°	2478.1	2473.1	2471.8	2476.9	2483.2	2491.9	2502.0	2510.8	2519.6	2524.6	2528.4
32.5°	2514.6	2502.0	2497.0	2495.7	2498.2	2504.5	2512.1	2520.9	2527.1	2532.2	2533.4
35°	2608.8	2584.9	2579.9	2563.6	2566.1	2564.8	2564.8	2569.9	2574.9	2574.9	2566.1
37.5°	2799.8	2765.9	2742.0	2725.7	2709.3	2708.1	2705.6	2703.1	2690.5	2683.0	2681.7
40°	3097.7	3083.8	3038.6	3026.0	2998.4	2979.5	2984.6	2974.5	2944.3	2933.0	2928.0
42.5°	3532.5	3540.0	3514.9	3455.8	3431.9	3395.5	3365.3	3360.3	3332.7	3310.0	3292.4
45°	4042.7	4056.5	4037.6	3994.9	3952.2	3896.9	3860.4	3790.1	3762.4	3727.2	3703.4
47.5°	4566.7	4604.4	4574.2	4536.5	4512.7	4425.9	4350.5	4268.9	4227.4	4177.1	4154.5
50°	5086.9	5153.5	5136.0	5100.8	5074.4	4965.0	4892.2	4779.1	4755.2	4704.9	4677.3
52.5°	5607.2	5672.5	5711.5	5678.8	5660.0	5572.0	5521.7	5431.3	5363.4	5332.0	5330.7
55°	6132.5	6238.0	6299.6	6288.3	6256.9	6245.6	6195.3	6186.5	6133.7	6099.8	6054.6
57.5°	6646.5	6758.3	6865.1	6927.9	6954.3	6945.5	6969.4	6966.9	6974.4	6970.7	6896.5
60°	7299.9	7477.1	7632.9	7732.2	7826.5	7891.8	7908.1	8004.9	7977.3	8037.6	7922.0
62.5°	8222.3	8452.3	8688.5	8792.8	8908.4	9120.8	9171.1	9285.4	9303.0	9318.1	9256.5
65°	9507.9	9809.5	10166.3	10325.9	10506.9	10779.6	10951.8	11073.7	11069.9	10986.9	10907.8
67.5°	10604.9	10961.8	11289.8	11567.5	11837.7	12050.1	12231.0	12395.7	12404.4	12352.9	12217.2
69°	10699.2	11072.4	11429.3	11763.6	12031.2	12267.5	12450.9	12579.1	12606.8	12561.5	12435.9
70°	10524.5	10901.5	11289.8	11610.2	11913.1	12163.2	12360.5	12483.6	12521.3	12474.8	12356.7
72.5°	9450.1	9815.7	10106.0	10483.0	10914.1	11071.1	11375.2	11475.8	11568.8	11507.2	11436.8
75°	7403.0	7747.3	8047.6	8243.7	8441.0	8829.3	8902.1	9090.6	9154.7	9094.4	9172.3
77.5°	3856.7	4089.2	4189.7	4032.6	4056.5	4363.1	4189.7	4393.3	4510.1	4544.1	4593.1
80°	737.7	775.4	804.3	794.2	804.3	826.9	769.1	737.7	779.1	770.3	770.3
82.5°	217.4	213.6	213.6	224.9	223.7	228.7	228.7	219.9	226.2	226.2	227.5
85°	99.3	94.2	93.0	94.2	93.0	93.0	96.8	96.8	104.3	98.0	99.3
87.5°	12.6	11.3	12.6	12.6	10.1	10.1	11.3	12.6	12.6	11.3	11.3
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°	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7	2206.7
2.5°	2207.9	2206.7	2206.7	2206.7	2205.4	2204.2	2202.9	2199.1	2195.4	2194.1	2187.8
5°	2231.8	2233.1	2230.6	2228.1	2228.1	2228.1	2224.3	2214.2	2206.7	2202.9	2194.1
7.5°	2282.1	2279.6	2275.8	2274.5	2272.0	2273.3	2265.8	2253.2	2239.4	2230.6	2216.7
10°	2348.7	2346.2	2343.7	2341.1	2337.4	2337.4	2328.6	2309.7	2288.4	2273.3	2248.2
12.5°	2426.6	2424.1	2421.6	2420.3	2414.0	2412.8	2400.2	2377.6	2349.9	2321.0	2284.6
15°	2498.2	2494.5	2493.2	2489.4	2485.7	2484.4	2473.1	2442.9	2409.0	2376.3	2328.6
17.5°	2543.5	2541.0	2537.2	2534.7	2533.4	2532.2	2515.8	2490.7	2464.3	2431.6	2373.8
20°	2558.6	2559.8	2557.3	2554.8	2551.0	2548.5	2533.4	2509.5	2504.5	2486.9	2427.9
22.5°	2556.0	2556.0	2554.8	2549.8	2547.2	2541.0	2519.6	2508.3	2535.9	2543.5	2468.1
25°	2546.0	2544.7	2541.0	2537.2	2529.6	2520.9	2488.2	2494.5	2572.4	2586.2	2476.9
27.5°	2534.7	2533.4	2527.1	2518.3	2507.0	2494.5	2453.0	2494.5	2606.3	2595.0	2440.4
30°	2528.4	2523.4	2514.6	2502.0	2486.9	2473.1	2427.9	2527.1	2630.2	2564.8	2339.9
32.5°	2529.6	2520.9	2508.3	2491.9	2474.4	2458.0	2426.6	2584.9	2639.0	2491.9	2197.9
35°	2559.8	2546.0	2529.6	2513.3	2495.7	2480.6	2483.2	2665.4	2637.7	2382.6	2060.9
37.5°	2669.1	2645.3	2634.0	2616.4	2591.2	2578.7	2628.9	2754.6	2620.1	2249.4	1940.3
40°	2910.4	2890.3	2874.0	2828.7	2837.5	2827.5	2875.2	2876.5	2597.5	2137.6	1839.7
42.5°	3262.3	3262.3	3227.1	3220.8	3196.9	3208.2	3229.6	3019.7	2574.9	2071.0	1740.5
45°	3677.0	3708.4	3694.6	3690.8	3709.6	3732.3	3634.2	3189.4	2576.1	2013.2	1624.9
47.5°	4169.6	4196.0	4209.8	4232.4	4256.3	4242.5	4040.1	3367.8	2598.8	1930.2	1476.6
50°	4693.6	4757.7	4777.8	4806.7	4828.1	4831.8	4424.7	3551.3	2622.6	1778.2	1315.7
52.5°	5343.3	5403.6	5425.0	5445.1	5428.8	5414.9	4801.7	3768.7	2603.8	1597.2	1178.7
55°	6107.3	6118.7	6114.9	6089.8	6075.9	6000.5	5151.0	3999.9	2456.8	1430.1	1048.1
57.5°	6902.8	6907.8	6862.6	6774.6	6672.8	6601.2	5486.6	4190.9	2145.1	1295.6	918.6
60°	7927.0	7823.9	7747.3	7612.8	7446.9	7293.6	5846.0	4297.8	1847.3	1166.2	772.8
62.5°	9163.5	8957.4	8791.6	8655.8	8410.8	8140.6	6304.6	4311.6	1666.3	1043.0	607.0
65°	10764.5	10547.1	10264.4	10031.9	9766.7	9402.3	7044.8	4212.3	1577.1	899.8	443.6
67.5°	12024.9	11805.0	11488.3	11228.2	10886.4	10461.7	7658.1	4038.9	1555.7	770.3	349.4
69°	12244.9	12004.8	11719.6	11394.1	11030.9	10577.3	7681.9	3837.8	1523.1	721.3	320.4
70°	12164.4	11914.4	11639.1	11293.6	10886.4	10420.2	7501.0	3614.1	1457.7	693.7	310.4
72.5°	11262.1	10881.4	10604.9	10309.6	9814.5	9342.0	6458.0	2734.5	1134.8	584.3	290.3
75°	9016.5	8691.0	8379.4	8232.4	7821.4	7420.6	4848.2	1736.7	741.4	363.2	227.5
77.5°	4596.8	4537.8	4627.0	4560.4	4263.8	4263.8	2992.1	922.4	436.1	218.7	173.4
80°	825.6	860.8	844.5	879.7	818.1	908.6	1051.8	619.5	309.1	167.1	142.0
82.5°	231.2	233.7	231.2	232.5	240.0	252.6	546.6	532.8	238.8	125.7	110.6
85°	108.1	109.3	111.8	111.8	121.9	124.4	366.9	382.0	139.5	69.1	74.1
87.5°	12.6	16.3	16.3	15.1	17.6	17.6	67.9	76.7	18.8	13.8	22.6
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: P148974

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CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	2206.7	2206.7	2206.7	2206.7
2.5°	2182.8	2177.8	2172.8	2176.5
5°	2190.4	2182.8	2176.5	2180.3
7.5°	2210.5	2197.9	2196.6	2196.6
10°	2235.6	2218.0	2213.0	2213.0
12.5°	2262.0	2238.1	2229.3	2229.3
15°	2289.6	2255.7	2243.1	2239.4
17.5°	2321.0	2273.3	2250.7	2250.7
20°	2351.2	2275.8	2241.9	2240.6
22.5°	2356.2	2246.9	2197.9	2195.4
25°	2318.5	2179.0	2115.0	2102.4
27.5°	2229.3	2073.5	2005.6	2003.1
30°	2094.8	1935.2	1866.1	1858.6
32.5°	1962.9	1793.2	1729.2	1729.2
35°	1829.7	1663.8	1580.9	1572.1
37.5°	1706.5	1526.8	1452.7	1451.4
40°	1593.4	1407.5	1335.8	1324.5
42.5°	1480.3	1281.8	1200.1	1197.6
45°	1345.9	1144.8	1074.4	1068.2
47.5°	1202.6	1021.7	947.5	946.3
50°	1073.2	907.3	833.2	833.2
52.5°	955.1	795.5	721.3	713.8
55°	821.9	668.5	593.1	584.3
57.5°	677.3	526.5	458.7	439.8
60°	524.0	383.3	314.2	304.1
62.5°	382.0	280.2	228.7	221.2
65°	287.8	238.8	196.0	188.5
67.5°	247.6	214.9	178.4	170.9
69°	230.0	203.6	170.9	163.4
70°	222.4	196.0	164.6	158.3
72.5°	204.8	179.7	150.8	148.3
75°	187.2	163.4	135.7	131.9
77.5°	181.0	142.0	116.9	114.4
80°	184.7	115.6	95.5	93.0
82.5°	150.8	93.0	74.1	70.4
85°	94.2	62.8	39.0	39.0
87.5°	23.9	20.1	11.3	11.3
90°	0.0	0.0	0.0	0.0

(END OF REPORT)