

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: P148979

Luminaire Tested: **TLM-E06-LED-E1-RW-7030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P148979
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-E06-LED-E1-RW-7030
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (126) 3000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17119.5 lumens
Efficiency: N/A
Efficacy: 113.8 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

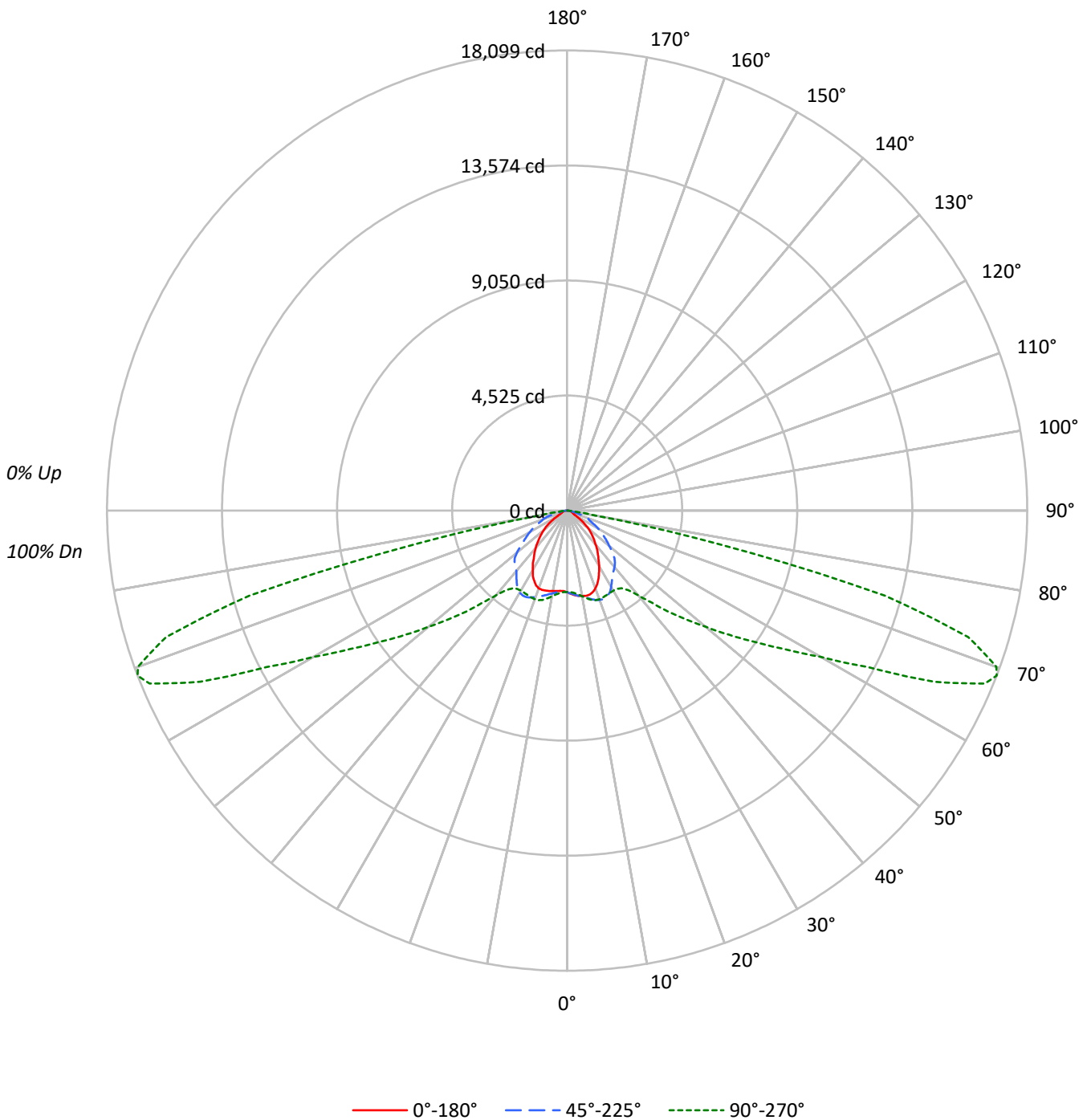
Input Watts (W): 150.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: TLM-E06-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	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	106	101	95	91	104	98	93	89	94	90	86	90	87	84	86	84	81	79					79			
2	94	84	76	69	91	82	75	68	79	72	66	75	70	65	72	67	63	61					61			
3	84	72	62	54	81	70	61	54	67	59	52	64	57	51	61	55	51	48					48			
4	76	62	51	44	73	60	51	43	58	49	43	55	48	42	53	47	41	39					39			
5	69	54	44	36	67	53	43	36	51	42	35	49	41	35	47	40	35	32					32			
6	63	48	38	31	61	47	37	30	45	36	30	43	36	30	42	35	29	27					27			
7	58	43	33	26	56	42	33	26	40	32	26	39	31	26	38	31	25	23					23			
8	54	39	29	23	52	38	29	23	37	29	23	35	28	23	34	27	22	20					20			
9	50	35	26	20	49	35	26	20	34	26	20	32	25	20	31	25	20	18					18			
10	47	33	24	18	46	32	24	18	31	23	18	30	23	18	29	23	18	16					16			

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	34527	34527	34527
5°	36061	35153	34244
10°	37296	37415	35160
15°	38147	40488	36275
20°	37224	42497	37308
25°	34733	43542	36296
30°	31264	45205	33580
35°	27772	48991	30028
40°	24487	60960	27053
45°	21412	85422	23636
50°	18017	119084	20281
55°	12992	169002	15940
60°	7748	247471	9517
65°	6979	405468	6979
70°	7128	565463	7245
75°	7598	538169	7977
80°	7699	69295	8381
85°	4965	17377	6990



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	314.6	1.8
10°-20°	992.6	5.8
20°-30°	1608.1	9.4
30°-40°	2004.0	11.7
40°-50°	2504.3	14.6
50°-60°	3092.3	18.1
60°-70°	3842.3	22.4
70°-80°	2550.8	14.9
80°-90°	210.6	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°	2915.2	17.0
0°-40°	4919.3	28.7
0°-60°	10515.8	61.4
0°-90°	17119.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	17119.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	3208	3208	3208	3208	3208	
5°	3337	3317	3253	3202	3169	321
15°	3423	3599	3633	3454	3255	958
25°	2924	3725	3666	3759	3056	1336
35°	2114	3113	3728	3463	2285	1324
45°	1407	2621	5612	2926	1553	1084
55°	692	1774	9006	2079	849	617
65°	274	1028	15920	1308	274	276
75°	183	406	12940	528	192	191
85°	40	77	141	100	57	52
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°	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7
2.5°	3280.8	3291.7	3280.8	3280.8	3271.6	3262.5	3257.0	3244.2	3236.9	3233.3	3233.3
5°	3337.4	3335.6	3337.4	3337.4	3328.2	3317.3	3310.0	3299.0	3288.1	3286.2	3284.4
7.5°	3379.4	3377.6	3383.0	3394.0	3388.5	3379.4	3379.4	3368.4	3361.1	3361.1	3357.5
10°	3412.3	3414.1	3425.1	3441.5	3445.2	3443.3	3456.1	3452.5	3448.8	3452.5	3448.8
12.5°	3434.2	3436.0	3450.6	3481.7	3501.8	3514.6	3547.5	3549.3	3551.1	3551.1	3551.1
15°	3423.2	3423.2	3452.5	3510.9	3560.2	3598.6	3640.6	3647.9	3640.6	3646.1	3642.4
17.5°	3359.3	3363.0	3410.5	3500.0	3600.4	3684.5	3730.1	3717.3	3704.5	3704.5	3699.1
20°	3249.7	3257.0	3320.9	3447.0	3605.9	3739.3	3810.5	3768.5	3733.8	3728.3	3722.8
22.5°	3114.5	3109.0	3185.8	3344.7	3563.9	3763.0	3859.8	3808.7	3746.6	3733.8	3724.6
25°	2924.5	2928.2	3008.6	3185.8	3457.9	3724.6	3874.4	3848.9	3775.8	3759.4	3739.3
27.5°	2716.3	2725.4	2811.3	2992.1	3293.5	3629.7	3858.0	3889.0	3832.4	3814.2	3795.9
30°	2515.4	2520.8	2617.7	2811.3	3090.8	3461.6	3814.2	3932.9	3903.7	3889.0	3872.6
32.5°	2301.6	2319.9	2403.9	2623.1	2930.0	3277.1	3746.6	3978.6	3989.5	3980.4	3971.2
35°	2113.5	2128.1	2223.1	2453.3	2774.8	3112.7	3664.4	4027.9	4102.8	4100.9	4099.1
37.5°	1943.6	1947.3	2047.7	2281.5	2621.3	2997.6	3578.5	4108.2	4241.6	4259.9	4281.8
40°	1742.7	1760.9	1865.1	2117.1	2469.7	2899.0	3505.4	4216.0	4435.2	4475.4	4506.5
42.5°	1581.9	1581.9	1675.1	1925.3	2290.7	2785.7	3479.9	4351.2	4665.4	4720.2	4775.0
45°	1406.6	1412.0	1501.5	1729.9	2086.1	2621.3	3476.2	4501.0	4923.0	5001.5	5069.1
47.5°	1240.3	1244.0	1339.0	1560.0	1874.2	2394.8	3430.5	4667.2	5193.3	5306.6	5381.5
50°	1075.9	1070.4	1161.8	1386.5	1686.0	2161.0	3284.4	4882.8	5529.4	5642.7	5728.5
52.5°	873.2	887.8	986.4	1200.1	1501.5	1961.9	2986.7	5094.7	5876.5	6004.4	6121.3
55°	692.3	690.5	801.9	995.6	1302.4	1773.7	2634.1	5244.5	6214.4	6362.4	6492.1
57.5°	496.9	502.3	597.3	789.1	1096.0	1605.7	2367.4	5218.9	6475.7	6651.0	6815.4
60°	359.9	370.8	442.1	582.7	875.0	1412.0	2181.1	4923.0	6654.7	6894.0	7093.1
62.5°	303.2	312.4	374.5	451.2	675.9	1209.3	2000.2	4448.0	6886.7	7202.7	7491.3
65°	274.0	281.3	343.4	387.3	518.8	1028.4	1887.0	4111.9	7191.7	7672.1	8066.7
67.5°	246.6	257.6	312.4	345.2	440.2	918.8	1854.1	4060.8	7250.2	7885.9	8446.7
69°	233.8	244.8	294.1	323.3	414.7	884.1	1792.0	3876.3	6868.4	7551.6	8180.0
70°	226.5	235.6	279.5	310.5	407.4	851.2	1704.3	3605.9	6462.9	7151.5	7827.4
72.5°	208.2	213.7	250.3	281.3	374.5	654.0	1291.5	2604.9	4824.3	5505.7	6168.8
75°	182.7	188.2	221.0	252.1	290.4	405.5	783.7	1545.4	2961.1	3419.6	4084.5
77.5°	157.1	162.6	190.0	237.5	230.2	264.9	478.6	924.3	1552.7	1781.0	2206.7
80°	124.2	131.5	158.9	228.3	191.8	210.1	350.7	683.2	944.4	1039.4	1150.8
82.5°	87.7	91.3	120.6	182.7	144.3	158.9	263.0	568.1	758.1	827.5	860.4
85°	40.2	42.0	71.2	107.8	85.9	76.7	140.7	363.5	502.3	522.4	551.7
87.5°	0.0	0.0	7.3	7.3	14.6	9.1	16.4	45.7	76.7	76.7	93.2
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):

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7
2.5°	3235.1	3233.3	3235.1	3235.1	3236.9	3229.6	3227.8	3226.0	3224.1	3226.0	3222.3
5°	3284.4	3282.6	3282.6	3284.4	3282.6	3277.1	3275.3	3275.3	3269.8	3268.0	3268.0
7.5°	3359.3	3355.6	3350.2	3353.8	3355.6	3353.8	3355.6	3350.2	3350.2	3344.7	3346.5
10°	3452.5	3448.8	3447.0	3450.6	3452.5	3450.6	3452.5	3445.2	3443.3	3441.5	3437.9
12.5°	3554.8	3547.5	3552.9	3552.9	3554.8	3562.1	3552.9	3556.6	3549.3	3549.3	3547.5
15°	3644.3	3642.4	3646.1	3646.1	3644.3	3649.7	3647.9	3649.7	3640.6	3637.0	3646.1
17.5°	3700.9	3695.4	3697.2	3695.4	3695.4	3695.4	3699.1	3699.1	3693.6	3691.8	3695.4
20°	3715.5	3706.4	3704.5	3702.7	3699.1	3699.1	3700.9	3697.2	3693.6	3689.9	3693.6
22.5°	3711.9	3700.9	3689.9	3684.5	3679.0	3671.7	3669.8	3666.2	3660.7	3660.7	3662.5
25°	3724.6	3704.5	3688.1	3677.1	3662.5	3653.4	3646.1	3637.0	3627.8	3622.3	3624.2
27.5°	3768.5	3746.6	3724.6	3702.7	3680.8	3662.5	3647.9	3631.5	3616.9	3605.9	3600.4
30°	3850.7	3821.5	3795.9	3770.3	3742.9	3717.3	3693.6	3668.0	3640.6	3624.2	3609.6
32.5°	3945.7	3925.6	3909.1	3879.9	3850.7	3819.6	3790.4	3768.5	3728.3	3697.2	3671.7
35°	4090.0	4082.7	4073.5	4051.6	4018.7	4002.3	3978.6	3943.8	3896.4	3869.0	3830.6
37.5°	4289.1	4290.9	4283.6	4274.5	4278.1	4247.1	4232.5	4228.8	4181.3	4163.1	4106.4
40°	4533.9	4561.3	4585.0	4585.0	4603.3	4605.1	4601.5	4632.5	4597.8	4605.1	4544.8
42.5°	4806.0	4871.8	4908.3	4935.7	4996.0	5023.4	5069.1	5136.7	5140.3	5175.0	5178.7
45°	5127.5	5200.6	5270.0	5341.3	5421.6	5516.6	5611.6	5681.0	5790.6	5814.4	5892.9
47.5°	5461.8	5567.8	5648.2	5739.5	5876.5	5998.9	6139.5	6282.0	6408.1	6497.6	6548.7
50°	5830.8	5938.6	6055.5	6157.8	6303.9	6475.7	6671.1	6866.6	7029.1	7188.1	7315.9
52.5°	6240.0	6358.7	6468.3	6601.7	6749.7	6954.2	7168.0	7436.5	7653.9	7871.3	8028.3
55°	6632.8	6766.1	6866.6	7036.5	7189.9	7400.0	7664.8	7982.7	8284.1	8547.1	8760.9
57.5°	6974.3	7105.9	7246.5	7392.7	7579.0	7789.1	8114.2	8475.9	8819.3	9164.6	9480.6
60°	7294.0	7471.2	7624.6	7818.3	8004.6	8247.6	8634.8	9082.4	9551.8	9981.1	10297.1
62.5°	7776.3	8002.8	8183.6	8422.9	8682.3	8969.1	9396.5	9889.8	10501.7	11055.2	11546.6
65°	8450.3	8797.4	9089.7	9383.8	9699.8	10094.3	10556.5	11183.1	11858.9	12677.3	13325.8
67.5°	8930.7	9365.5	9743.6	10112.6	10476.1	10912.7	11484.5	12218.8	13093.8	13954.2	14778.0
69°	8737.1	9197.4	9617.6	9984.7	10368.4	10804.9	11362.1	12167.7	13059.1	14005.3	14821.8
70°	8329.8	8826.6	9276.0	9626.7	10019.5	10452.4	11068.0	11837.0	12746.7	13725.8	14525.9
72.5°	6698.5	7222.8	7666.7	8055.8	8466.8	8974.6	9522.6	10260.6	11268.9	12227.9	12940.3
75°	4614.2	5103.8	5606.1	5896.6	6367.9	6729.6	7250.2	8006.4	8848.5	9553.6	10213.1
77.5°	2610.4	2873.4	3253.4	3372.1	3710.0	3951.2	4227.0	4692.8	5131.2	5540.4	5659.1
80°	1187.4	1108.8	1147.2	1088.7	1152.6	1112.5	1066.8	1092.4	1086.9	1169.1	1092.4
82.5°	854.9	738.0	613.8	529.7	465.8	394.6	336.1	301.4	297.8	312.4	306.9
85°	546.2	498.7	390.9	314.2	241.1	186.3	155.3	140.7	140.7	149.8	148.0
87.5°	95.0	82.2	51.1	43.8	38.4	25.6	16.4	16.4	14.6	18.3	23.7
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°	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7
2.5°	3222.3	3220.5	3216.8	3215.0	3215.0	3211.3	3209.5	3213.2	3215.0	3216.8	3211.3
5°	3268.0	3262.5	3260.7	3262.5	3253.4	3255.2	3253.4	3255.2	3255.2	3255.2	3251.5
7.5°	3341.0	3335.6	3339.2	3335.6	3330.1	3328.2	3328.2	3322.8	3315.5	3313.6	3315.5
10°	3441.5	3434.2	3436.0	3437.9	3432.4	3428.7	3423.2	3415.9	3415.9	3414.1	3410.5
12.5°	3549.3	3545.6	3545.6	3547.5	3545.6	3538.3	3531.0	3527.4	3525.5	3525.5	3525.5
15°	3642.4	3640.6	3642.4	3640.6	3640.6	3637.0	3633.3	3627.8	3626.0	3627.8	3629.7
17.5°	3695.4	3689.9	3695.4	3697.2	3695.4	3695.4	3695.4	3691.8	3689.9	3689.9	3691.8
20°	3699.1	3695.4	3699.1	3704.5	3704.5	3706.4	3710.0	3711.9	3710.0	3713.7	3715.5
22.5°	3662.5	3662.5	3668.0	3673.5	3682.6	3686.3	3693.6	3697.2	3700.9	3706.4	3710.0
25°	3626.0	3624.2	3629.7	3640.6	3647.9	3657.1	3666.2	3673.5	3680.8	3688.1	3695.4
27.5°	3600.4	3598.6	3602.3	3611.4	3620.5	3631.5	3646.1	3657.1	3666.2	3675.3	3680.8
30°	3602.3	3594.9	3593.1	3600.4	3609.6	3622.3	3637.0	3649.7	3662.5	3669.8	3675.3
32.5°	3655.2	3637.0	3629.7	3627.8	3631.5	3640.6	3651.6	3664.4	3673.5	3680.8	3682.6
35°	3792.2	3757.5	3750.2	3726.5	3730.1	3728.3	3728.3	3735.6	3742.9	3742.9	3730.1
37.5°	4069.9	4020.6	3985.9	3962.1	3938.4	3936.5	3932.9	3929.2	3911.0	3900.0	3898.2
40°	4502.8	4482.7	4417.0	4398.7	4358.5	4331.1	4338.4	4323.8	4280.0	4263.5	4256.2
42.5°	5134.9	5145.8	5109.3	5023.4	4988.7	4935.7	4891.9	4884.6	4844.4	4811.5	4786.0
45°	5876.5	5896.6	5869.2	5807.1	5745.0	5664.6	5611.6	5509.3	5469.1	5418.0	5383.3
47.5°	6638.2	6693.0	6649.2	6594.4	6559.7	6433.6	6324.0	6205.3	6145.0	6072.0	6039.1
50°	7394.5	7491.3	7465.7	7414.6	7376.2	7217.3	7111.3	6946.9	6912.2	6839.2	6799.0
52.5°	8150.7	8245.7	8302.4	8254.9	8227.5	8099.6	8026.5	7895.0	7796.4	7750.7	7748.9
55°	8914.3	9067.7	9157.3	9140.8	9095.1	9078.7	9005.6	8992.8	8916.1	8866.8	8801.0
57.5°	9661.4	9824.0	9979.3	10070.6	10109.0	10096.2	10130.9	10127.2	10138.2	10132.7	10024.9
60°	10611.3	10868.9	11095.4	11239.7	11376.7	11471.7	11495.4	11636.1	11595.9	11683.6	11515.5
62.5°	11952.1	12286.4	12629.8	12781.4	12949.5	13258.2	13331.3	13497.5	13523.1	13545.0	13455.5
65°	13820.8	14259.2	14778.0	15010.0	15273.0	15669.4	15919.7	16096.9	16091.4	15970.8	15855.8
67.5°	15415.5	15934.3	16411.1	16814.8	17207.5	17516.2	17779.3	18018.6	18031.4	17956.5	17759.2
69°	15552.5	16095.1	16613.8	17099.7	17488.8	17832.3	18099.0	18285.3	18325.5	18259.7	18077.0
70°	15298.6	15846.6	16411.1	16876.9	17317.1	17680.6	17967.4	18146.4	18201.2	18133.7	17961.9
72.5°	13736.8	14268.4	14690.3	15238.3	15864.9	16093.2	16535.3	16681.4	16816.6	16727.1	16624.8
75°	10761.1	11261.6	11698.2	11983.2	12269.9	12834.4	12940.3	13214.4	13307.5	13219.8	13333.1
77.5°	5606.1	5944.1	6090.2	5861.9	5896.6	6342.3	6090.2	6386.1	6556.0	6605.3	6676.6
80°	1072.3	1127.1	1169.1	1154.5	1169.1	1202.0	1117.9	1072.3	1132.6	1119.8	1119.8
82.5°	316.0	310.5	310.5	327.0	325.2	332.5	332.5	319.7	328.8	328.8	330.6
85°	144.3	137.0	135.2	137.0	135.2	135.2	140.7	140.7	151.6	142.5	144.3
87.5°	18.3	16.4	18.3	18.3	14.6	14.6	16.4	18.3	18.3	16.4	16.4
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):

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7	3207.7
2.5°	3209.5	3207.7	3207.7	3207.7	3205.9	3204.0	3202.2	3196.7	3191.2	3189.4	3180.3
5°	3244.2	3246.0	3242.4	3238.7	3238.7	3238.7	3233.3	3218.6	3207.7	3202.2	3189.4
7.5°	3317.3	3313.6	3308.2	3306.3	3302.7	3304.5	3293.5	3275.3	3255.2	3242.4	3222.3
10°	3414.1	3410.5	3406.8	3403.1	3397.7	3397.7	3384.9	3357.5	3326.4	3304.5	3268.0
12.5°	3527.4	3523.7	3520.1	3518.2	3509.1	3507.3	3489.0	3456.1	3415.9	3373.9	3320.9
15°	3631.5	3626.0	3624.2	3618.7	3613.2	3611.4	3594.9	3551.1	3501.8	3454.3	3384.9
17.5°	3697.2	3693.6	3688.1	3684.5	3682.6	3680.8	3657.1	3620.5	3582.2	3534.7	3450.6
20°	3719.2	3721.0	3717.3	3713.7	3708.2	3704.5	3682.6	3647.9	3640.6	3615.0	3529.2
22.5°	3715.5	3715.5	3713.7	3706.4	3702.7	3693.6	3662.5	3646.1	3686.3	3697.2	3587.6
25°	3700.9	3699.1	3693.6	3688.1	3677.1	3664.4	3616.9	3626.0	3739.3	3759.4	3600.4
27.5°	3684.5	3682.6	3673.5	3660.7	3644.3	3626.0	3565.7	3626.0	3788.6	3772.1	3547.5
30°	3675.3	3668.0	3655.2	3637.0	3615.0	3594.9	3529.2	3673.5	3823.3	3728.3	3401.3
32.5°	3677.1	3664.4	3646.1	3622.3	3596.8	3573.0	3527.4	3757.5	3836.1	3622.3	3194.9
35°	3721.0	3700.9	3677.1	3653.4	3627.8	3605.9	3609.6	3874.4	3834.2	3463.4	2995.8
37.5°	3879.9	3845.2	3828.8	3803.2	3766.7	3748.4	3821.5	4004.1	3808.7	3269.8	2820.4
40°	4230.6	4201.4	4177.7	4111.9	4124.7	4110.1	4179.5	4181.3	3775.8	3107.2	2674.3
42.5°	4742.1	4742.1	4691.0	4681.8	4647.1	4663.6	4694.6	4389.6	3742.9	3010.4	2530.0
45°	5344.9	5390.6	5370.5	5365.0	5392.4	5425.3	5282.8	4636.2	3744.7	2926.4	2361.9
47.5°	6061.0	6099.4	6119.4	6152.3	6187.0	6166.9	5872.8	4895.6	3777.6	2805.8	2146.4
50°	6822.7	6915.9	6945.1	6987.1	7018.2	7023.7	6431.8	5162.3	3812.3	2584.8	1912.6
52.5°	7767.1	7854.8	7885.9	7915.1	7891.3	7871.3	6979.8	5478.3	3784.9	2321.7	1713.4
55°	8877.8	8894.2	8888.7	8852.2	8832.1	8722.5	7487.6	5814.4	3571.2	2078.8	1523.5
57.5°	10034.1	10041.4	9975.6	9847.7	9699.8	9595.7	7975.4	6092.0	3118.2	1883.3	1335.3
60°	11522.8	11373.0	11261.6	11066.2	10825.0	10602.2	8497.8	6247.3	2685.2	1695.2	1123.4
62.5°	13320.3	13020.7	12779.6	12582.3	12226.1	11833.4	9164.6	6267.4	2422.2	1516.2	882.3
65°	15647.5	15331.5	14920.5	14582.6	14197.1	13667.4	10240.5	6123.1	2292.5	1307.9	644.8
67.5°	17479.7	17160.0	16699.7	16321.6	15824.7	15207.3	11131.9	5871.0	2261.5	1119.8	507.8
69°	17799.4	17450.5	17035.8	16562.7	16034.8	15375.3	11166.6	5578.7	2214.0	1048.5	465.8
70°	17682.5	17318.9	16918.9	16416.6	15824.7	15147.0	10903.6	5253.6	2119.0	1008.3	451.2
72.5°	16370.9	15817.4	15415.5	14986.3	14266.5	13579.7	9387.4	3974.9	1649.5	849.4	422.0
75°	13106.6	12633.5	12180.4	11966.7	11369.4	10786.7	7047.4	2524.5	1077.8	527.9	330.6
77.5°	6682.1	6596.2	6725.9	6629.1	6198.0	6198.0	4349.4	1340.8	633.9	317.8	252.1
80°	1200.1	1251.3	1227.5	1278.7	1189.2	1320.7	1528.9	900.6	449.4	243.0	206.4
82.5°	336.1	339.8	336.1	337.9	348.9	367.2	794.6	774.5	347.1	182.7	160.7
85°	157.1	158.9	162.6	162.6	177.2	180.8	533.4	555.3	202.8	100.5	107.8
87.5°	18.3	23.7	23.7	21.9	25.6	25.6	98.6	111.4	27.4	20.1	32.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P148979

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CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	3207.7	3207.7	3207.7	3207.7
2.5°	3173.0	3165.7	3158.4	3163.8
5°	3183.9	3173.0	3163.8	3169.3
7.5°	3213.2	3194.9	3193.1	3193.1
10°	3249.7	3224.1	3216.8	3216.8
12.5°	3288.1	3253.4	3240.6	3240.6
15°	3328.2	3278.9	3260.7	3255.2
17.5°	3373.9	3304.5	3271.6	3271.6
20°	3417.8	3308.2	3258.8	3257.0
22.5°	3425.1	3266.1	3194.9	3191.2
25°	3370.3	3167.5	3074.3	3056.1
27.5°	3240.6	3014.1	2915.4	2911.8
30°	3045.1	2813.1	2712.7	2701.7
32.5°	2853.3	2606.7	2513.5	2513.5
35°	2659.7	2418.6	2298.0	2285.2
37.5°	2480.7	2219.4	2111.7	2109.8
40°	2316.3	2045.9	1941.8	1925.3
42.5°	2151.9	1863.2	1744.5	1740.8
45°	1956.4	1664.1	1561.8	1552.7
47.5°	1748.2	1485.1	1377.3	1375.5
50°	1560.0	1318.9	1211.1	1211.1
52.5°	1388.3	1156.3	1048.5	1037.6
55°	1194.7	971.8	862.2	849.4
57.5°	984.6	765.4	666.7	639.3
60°	761.7	557.1	456.7	442.1
62.5°	555.3	407.4	332.5	321.5
65°	418.3	347.1	285.0	274.0
67.5°	359.9	312.4	259.4	248.4
69°	334.3	295.9	248.4	237.5
70°	323.3	285.0	239.3	230.2
72.5°	297.8	261.2	219.2	215.6
75°	272.2	237.5	197.3	191.8
77.5°	263.0	206.4	169.9	166.2
80°	268.5	168.1	138.8	135.2
82.5°	219.2	135.2	107.8	102.3
85°	137.0	91.3	56.6	56.6
87.5°	34.7	29.2	16.4	16.4
90°	0.0	0.0	0.0	0.0

(END OF REPORT)