

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: P154585

Luminaire Tested: **TLM-F06-LED-E1-T2**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P154585
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P33671)
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-T2
Description: TALON MEDIUM LED SITE LUMINAIRE
(6) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (42) 4000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

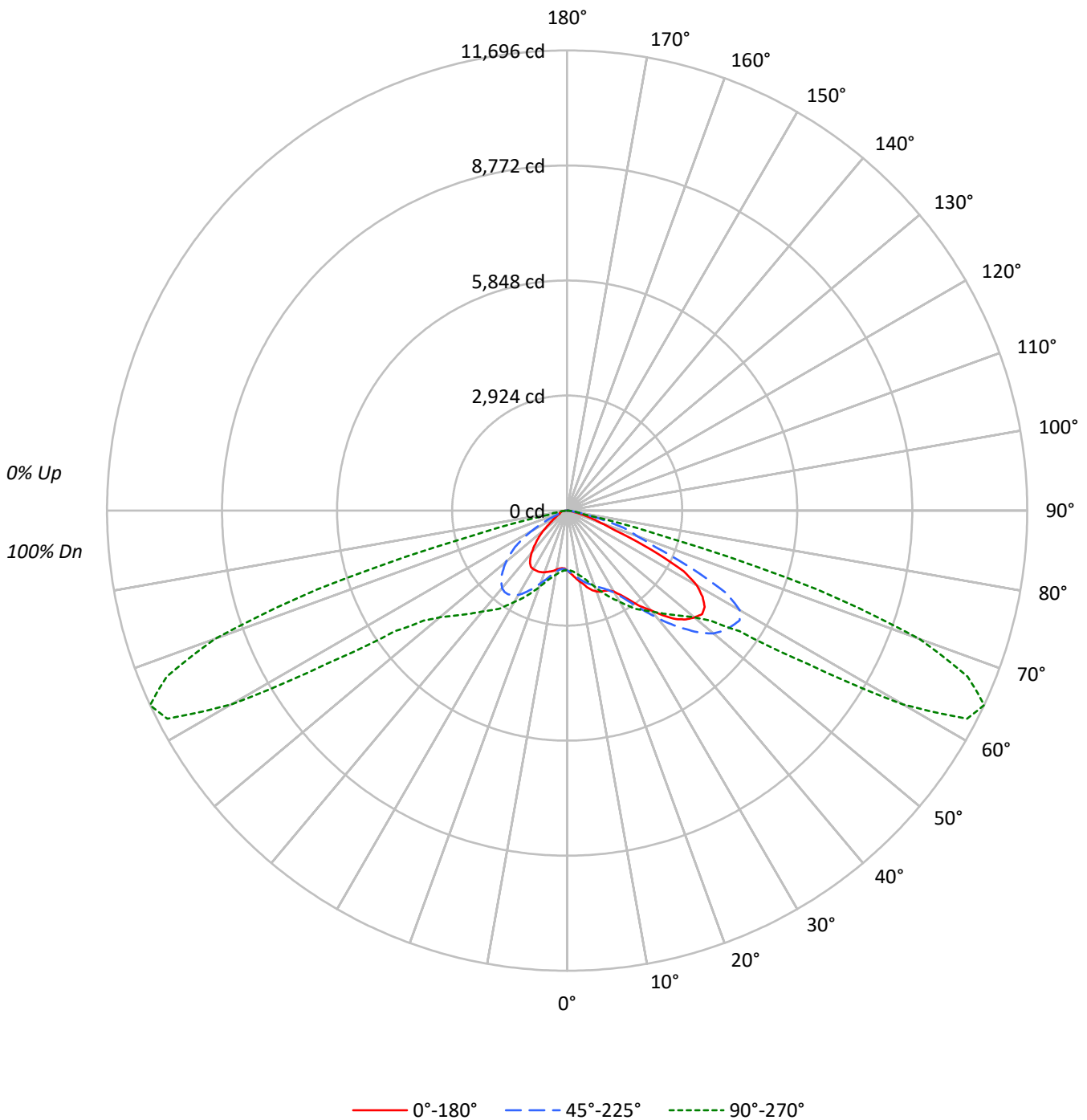
Lumens per Lamp: N/A
Luminaire Lumens: 15175.7 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Spacing Criteria (0/90/45): 2.21 / 4.51 / 2.52
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
CIE Type: Direct

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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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	107	101	96	91	104	98	94	90	94	90	87	90	87	84	86	84	81	79
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63	61
3	84	71	61	53	81	69	60	53	66	58	51	63	56	50	60	54	50	47
4	75	60	50	42	72	59	49	41	56	48	41	54	46	40	51	45	39	37
5	67	52	42	34	65	51	41	33	49	40	33	46	39	33	44	38	32	30
6	61	46	35	28	59	45	35	27	43	34	27	41	33	27	39	32	27	24
7	56	40	30	23	54	40	30	23	38	29	23	36	28	23	35	28	22	20
8	52	36	26	20	50	35	26	20	34	26	19	33	25	19	31	24	19	17
9	48	33	23	17	46	32	23	17	31	23	17	30	22	17	28	22	17	15
10	45	30	21	15	43	29	21	15	28	20	15	27	20	15	26	19	15	13

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	16332	16332	16332
5°	17857	16734	15877
10°	19977	18100	16584
15°	22630	20220	17829
20°	25096	23678	19102
25°	26727	28139	20354
30°	29509	33265	21342
35°	36535	40136	21630
40°	46375	47072	19696
45°	59389	56952	16612
50°	70750	70558	12966
55°	80095	100295	9233
60°	82000	211875	7251
65°	60302	297892	6097
70°	28630	299713	6027
75°	15587	111308	7349
80°	7370	17809	9416
85°	3470	11016	11016



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.9	1.0
10°-20°	521.9	3.4
20°-30°	1025.3	6.8
30°-40°	1703.6	11.2
40°-50°	2503.3	16.5
50°-60°	3465.7	22.8
60°-70°	4136.7	27.3
70°-80°	1462.9	9.6
80°-90°	204.4	1.3
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°	1699.1	11.2
0°-40°	3402.7	22.4
0°-60°	9371.7	61.8
0°-90°	15175.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15175.7	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1517	1517	1517	1517	1517	
5°	1653	1621	1549	1489	1469	163
15°	2031	1904	1814	1742	1600	578
25°	2250	2183	2369	2227	1714	1049
35°	2780	2874	3054	2602	1646	1777
45°	3901	4258	3741	2358	1091	2986
55°	4268	5117	5344	1611	492	3739
65°	2368	3528	11696	499	239	2308
75°	375	1062	2676	200	177	462
85°	28	58	89	152	89	40
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	60°	61°	62°	64°
0°	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3
2.5°	1583.4	1585.0	1581.7	1580.1	1575.1	1566.8	1560.2	1553.6	1553.6	1553.6	1548.7
5°	1652.7	1656.0	1649.4	1644.4	1629.6	1621.3	1609.8	1601.5	1598.2	1596.6	1591.6
7.5°	1740.2	1735.3	1725.3	1722.0	1710.5	1692.3	1670.9	1654.4	1654.4	1652.7	1654.4
10°	1827.7	1814.5	1809.6	1804.6	1786.4	1763.3	1738.6	1720.4	1718.7	1717.1	1712.1
12.5°	1915.2	1910.3	1905.3	1887.1	1869.0	1832.7	1804.6	1786.4	1784.8	1786.4	1779.8
15°	2030.8	2019.2	2014.3	1982.9	1943.3	1903.7	1869.0	1852.5	1847.5	1849.2	1844.2
17.5°	2119.9	2119.9	2108.4	2073.7	2022.5	1968.1	1931.7	1921.8	1920.2	1920.2	1921.8
20°	2190.9	2189.3	2177.7	2149.7	2088.6	2034.1	2015.9	2012.6	2011.0	2011.0	2015.9
22.5°	2230.6	2227.3	2222.3	2190.9	2143.1	2106.7	2108.4	2118.3	2121.6	2124.9	2131.5
25°	2250.4	2245.4	2243.8	2222.3	2187.6	2182.7	2212.4	2238.8	2245.4	2252.0	2260.3
27.5°	2283.4	2275.1	2278.4	2270.2	2261.9	2276.8	2337.9	2366.0	2370.9	2379.2	2384.1
30°	2374.2	2370.9	2384.1	2387.4	2394.0	2415.5	2471.6	2498.0	2509.6	2509.6	2532.7
32.5°	2547.6	2549.2	2552.5	2587.2	2598.8	2613.6	2643.3	2664.8	2666.4	2668.1	2689.6
35°	2780.4	2790.3	2818.3	2848.1	2876.1	2874.5	2856.3	2867.9	2859.6	2869.5	2871.2
37.5°	3074.3	3061.0	3102.3	3170.0	3212.9	3201.4	3120.5	3067.7	3082.5	3075.9	3071.0
40°	3300.4	3315.3	3394.6	3483.7	3516.7	3553.1	3447.4	3356.6	3343.4	3318.6	3303.8
42.5°	3612.5	3614.1	3678.5	3744.6	3840.3	3919.6	3851.9	3721.5	3681.8	3652.1	3587.7
45°	3901.4	3896.5	3949.3	4030.2	4144.1	4258.1	4282.8	4140.8	4126.0	4073.1	3988.9
47.5°	4094.6	4088.0	4124.3	4230.0	4414.9	4601.5	4703.8	4660.9	4632.8	4611.4	4479.3
50°	4225.0	4211.8	4253.1	4365.4	4571.8	4859.0	5126.5	5162.8	5151.3	5151.3	5067.1
52.5°	4322.4	4322.4	4352.2	4443.0	4652.7	5010.9	5489.7	5673.0	5687.9	5704.4	5699.4
55°	4268.0	4276.2	4350.5	4482.6	4703.8	5116.6	5790.2	6191.4	6274.0	6343.3	6422.6
57.5°	4081.4	4109.5	4208.5	4424.8	4717.0	5195.9	6123.7	6917.9	7150.7	7352.1	7665.8
60°	3809.0	3845.3	3988.9	4264.7	4619.6	5067.1	6241.0	7532.1	7901.9	8341.1	9160.0
62.5°	3341.7	3378.0	3518.4	3794.1	4097.9	4573.4	5755.6	7622.9	8214.0	8836.4	10074.7
65°	2367.6	2309.8	2471.6	2719.3	3067.7	3528.3	4651.0	7013.7	7864.0	8707.6	10236.5
67.5°	1319.2	1314.2	1413.3	1598.2	1931.7	2427.0	3204.7	5379.1	6161.7	7117.7	8994.9
70°	909.7	919.6	982.4	1182.2	1457.9	1885.5	2283.4	3378.0	3941.1	4589.9	6435.8
72.5°	639.0	660.4	695.1	814.0	1096.3	1588.3	2332.9	2019.2	2299.9	2742.4	3870.1
75°	374.8	389.6	414.4	472.2	624.1	1061.6	2415.5	1774.9	1774.9	1878.9	2341.2
77.5°	231.1	231.1	246.0	269.1	331.9	520.1	1720.4	1994.5	1938.3	1878.9	1883.8
80°	118.9	127.1	148.6	160.2	184.9	237.8	772.7	1860.7	2040.7	2161.2	2077.0
82.5°	54.5	61.1	90.8	97.4	107.3	125.5	265.8	1058.3	1418.3	1867.3	2332.9
85°	28.1	28.1	47.9	59.4	64.4	57.8	97.4	427.6	647.2	987.3	1545.4
87.5°	5.0	5.0	8.3	9.9	14.9	13.2	16.5	24.8	41.3	44.6	46.2
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):

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3
2.5°	1547.0	1548.7	1547.0	1545.4	1542.1	1542.1	1542.1	1540.4	1540.4	1540.4	1538.8
5°	1591.6	1585.0	1586.7	1583.4	1581.7	1580.1	1581.7	1578.4	1575.1	1576.8	1575.1
7.5°	1647.7	1644.4	1637.8	1637.8	1636.2	1632.9	1632.9	1627.9	1626.3	1623.0	1621.3
10°	1710.5	1702.2	1705.5	1702.2	1703.9	1697.3	1694.0	1690.7	1687.4	1687.4	1689.0
12.5°	1774.9	1773.2	1768.3	1765.0	1765.0	1760.0	1761.7	1760.0	1755.1	1753.4	1748.5
15°	1840.9	1840.9	1836.0	1837.6	1836.0	1832.7	1829.4	1829.4	1826.1	1822.8	1824.4
17.5°	1918.5	1918.5	1918.5	1918.5	1920.2	1915.2	1916.9	1913.6	1910.3	1916.9	1916.9
20°	2019.2	2025.8	2025.8	2024.2	2032.4	2027.5	2025.8	2034.1	2025.8	2037.4	2035.7
22.5°	2134.8	2141.4	2141.4	2148.0	2149.7	2154.6	2157.9	2154.6	2161.2	2167.8	2167.8
25°	2263.6	2270.2	2275.1	2285.1	2290.0	2286.7	2288.4	2296.6	2299.9	2306.5	2313.1
27.5°	2399.0	2400.6	2407.2	2418.8	2427.0	2430.3	2432.0	2445.2	2446.9	2450.2	2456.8
30°	2531.1	2547.6	2544.3	2559.1	2564.1	2569.0	2578.9	2583.9	2595.5	2602.1	2602.1
32.5°	2686.3	2683.0	2696.2	2707.7	2716.0	2724.2	2732.5	2739.1	2745.7	2749.0	2765.5
35°	2879.4	2886.0	2886.0	2887.7	2907.5	2909.1	2915.8	2930.6	2935.6	2945.5	2952.1
37.5°	3071.0	3059.4	3057.7	3057.7	3051.1	3056.1	3057.7	3059.4	3066.0	3067.7	3074.3
40°	3285.6	3270.7	3257.5	3249.3	3236.1	3217.9	3214.6	3206.3	3211.3	3209.6	3211.3
42.5°	3579.5	3538.2	3506.8	3483.7	3457.3	3437.5	3422.6	3401.2	3386.3	3368.1	3364.8
45°	3954.3	3876.7	3823.8	3785.9	3747.9	3693.4	3662.0	3629.0	3599.3	3569.6	3544.8
47.5°	4446.3	4363.7	4279.5	4210.2	4150.7	4063.2	3974.1	3924.5	3866.8	3815.6	3779.3
50°	5025.8	4926.7	4887.1	4789.7	4715.4	4583.3	4472.7	4391.8	4276.2	4198.6	4130.9
52.5°	5618.5	5593.8	5572.3	5489.7	5402.2	5326.3	5228.9	5086.9	4969.7	4880.5	4741.8
55°	6425.9	6437.4	6429.2	6384.6	6353.2	6280.6	6241.0	6117.1	6064.3	5935.5	5790.2
57.5°	7784.7	7877.2	7994.4	8040.6	8103.4	8043.9	8113.3	8197.5	7987.8	8060.4	7930.0
60°	9520.0	9944.3	10196.9	10507.3	10710.4	10994.3	11045.5	11119.8	11098.4	11139.6	11223.8
62.5°	10579.9	11083.5	11567.3	11918.9	12295.4	12503.4	12754.4	12929.4	13111.0	13233.2	13198.5
65°	10892.0	11410.4	11849.6	12234.3	12571.1	12825.4	13058.2	13277.7	13444.5	13561.7	13631.1
67.5°	9746.1	10423.1	10885.4	11336.1	11770.3	12037.8	12232.6	12445.6	12690.0	12893.0	12932.7
70°	7334.0	8349.4	9004.8	9544.7	10054.9	10414.8	10687.2	10885.4	11075.2	11220.5	11379.0
72.5°	4586.6	5474.9	6224.5	6924.5	7466.0	7961.4	8190.9	8630.0	8572.3	8682.9	8801.7
75°	2749.0	3181.6	3594.3	4088.0	4372.0	4784.7	4859.0	4931.7	4893.7	4769.9	4862.3
77.5°	1910.3	1981.3	1978.0	1949.9	1920.2	1847.5	1753.4	1702.2	1667.6	1618.0	1637.8
80°	1921.8	1768.3	1533.8	1289.5	1064.9	916.3	856.9	856.9	918.0	1005.5	1093.0
82.5°	2296.6	2133.2	1902.0	1591.6	1261.4	1027.0	870.1	807.4	818.9	908.1	1020.3
85°	1548.7	1585.0	1390.2	1271.3	1007.1	784.2	657.1	533.3	472.2	487.1	551.5
87.5°	56.1	67.7	24.8	33.0	23.1	19.8	19.8	21.5	14.9	18.2	16.5
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):

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3
2.5°	1537.1	1535.5	1535.5	1532.2	1532.2	1530.5	1530.5	1528.9	1527.2	1527.2	1525.6
5°	1573.5	1571.8	1568.5	1566.8	1563.5	1563.5	1561.9	1558.6	1558.6	1555.3	1553.6
7.5°	1624.6	1621.3	1618.0	1616.4	1614.7	1609.8	1609.8	1606.5	1606.5	1603.2	1601.5
10°	1685.7	1682.4	1679.1	1680.8	1675.8	1674.2	1670.9	1670.9	1665.9	1664.3	1664.3
12.5°	1751.8	1750.1	1750.1	1745.2	1743.5	1741.9	1735.3	1735.3	1735.3	1732.0	1733.6
15°	1822.8	1824.4	1819.5	1824.4	1822.8	1817.8	1817.8	1817.8	1811.2	1819.5	1812.9
17.5°	1918.5	1923.5	1920.2	1921.8	1918.5	1918.5	1920.2	1918.5	1921.8	1921.8	1931.7
20°	2037.4	2039.0	2047.3	2044.0	2044.0	2042.3	2045.7	2047.3	2053.9	2050.6	2057.2
22.5°	2167.8	2176.1	2177.7	2184.3	2184.3	2182.7	2186.0	2192.6	2195.9	2200.8	2199.2
25°	2316.4	2321.4	2328.0	2319.7	2332.9	2332.9	2336.2	2344.5	2346.1	2346.1	2357.7
27.5°	2455.1	2468.3	2470.0	2478.2	2473.3	2476.6	2488.1	2493.1	2499.7	2499.7	2503.0
30°	2612.0	2616.9	2620.2	2630.1	2628.5	2630.1	2631.8	2640.0	2640.0	2648.3	2656.5
32.5°	2773.8	2777.1	2780.4	2790.3	2793.6	2800.2	2796.9	2803.5	2811.7	2813.4	2818.3
35°	2966.9	2970.2	2973.5	2988.4	2990.1	3001.6	3004.9	3001.6	3014.8	3006.6	3014.8
37.5°	3079.2	3094.1	3097.4	3107.3	3104.0	3112.2	3117.2	3123.8	3127.1	3133.7	3146.9
40°	3216.2	3221.2	3231.1	3236.1	3242.7	3244.3	3250.9	3255.9	3260.8	3275.7	3290.5
42.5°	3356.6	3363.2	3368.1	3374.7	3383.0	3389.6	3394.6	3409.4	3412.7	3422.6	3450.7
45°	3526.6	3523.3	3525.0	3526.6	3529.9	3538.2	3553.1	3567.9	3577.8	3600.9	3624.1
47.5°	3738.0	3716.5	3708.3	3695.0	3698.4	3716.5	3719.8	3744.6	3764.4	3785.9	3813.9
50°	4058.3	4000.5	3965.8	3931.1	3927.8	3937.8	3951.0	3977.4	4000.5	4028.6	4068.2
52.5°	4596.5	4485.9	4416.6	4320.8	4294.4	4289.4	4279.5	4294.4	4301.0	4339.0	4413.3
55°	5686.2	5481.5	5349.4	5200.8	5062.1	5020.8	4941.6	4958.1	4941.6	4964.7	5075.3
57.5°	7961.4	7797.9	7669.1	7479.3	7241.5	6988.9	6926.2	6666.9	6718.1	6866.7	6771.0
60°	11265.1	11205.7	11113.2	11022.4	10697.2	10513.9	10215.0	10182.0	9972.3	9974.0	9837.0
62.5°	13114.3	13190.2	13134.1	13107.7	13089.5	13031.7	12883.1	12704.8	12437.4	12244.2	11960.2
65°	13642.6	13578.2	13517.1	13508.9	13503.9	13598.0	13619.5	13494.0	13251.3	12950.8	12623.9
67.5°	13026.8	12990.5	12993.8	12924.4	12967.3	13130.8	13244.7	13210.0	12987.2	12623.9	12207.9
70°	11560.7	11489.7	11562.3	11653.1	11717.5	11811.6	11925.5	11953.6	11750.5	11377.4	10953.1
72.5°	8656.5	8668.0	8737.4	8762.1	9021.3	8994.9	9097.3	8763.8	8616.8	8261.9	8043.9
75°	4555.2	4480.9	4674.1	4264.7	4096.3	4213.5	3884.9	3569.6	3635.6	3690.1	3297.1
77.5°	1609.8	1505.8	1329.1	1258.1	1046.8	886.6	724.8	653.8	615.8	596.0	571.3
80°	1155.7	1188.8	1152.4	1066.6	906.4	726.5	572.9	452.4	388.0	353.3	330.2
82.5°	1168.9	1299.4	1357.2	1332.4	1187.1	898.2	592.7	378.1	280.7	234.4	217.9
85°	627.4	686.8	660.4	556.4	500.3	298.8	204.7	137.0	115.6	105.7	97.4
87.5°	24.8	19.8	16.5	16.5	18.2	19.8	16.5	18.2	16.5	16.5	16.5
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: P154585

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CANDELA DISTRIBUTION (continued):

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3	1517.3
2.5°	1522.3	1522.3	1522.3	1520.6	1517.3	1509.1	1500.8	1494.2	1489.2	1484.3	1477.7
5°	1552.0	1548.7	1548.7	1548.7	1535.5	1522.3	1510.7	1499.2	1489.2	1481.0	1474.4
7.5°	1601.5	1599.9	1593.3	1591.6	1581.7	1560.2	1547.0	1527.2	1515.7	1504.1	1500.8
10°	1661.0	1659.3	1657.7	1656.0	1642.8	1621.3	1604.8	1586.7	1570.1	1553.6	1537.1
12.5°	1730.3	1728.6	1727.0	1722.0	1717.1	1705.5	1687.4	1667.6	1647.7	1613.1	1594.9
15°	1816.2	1819.5	1816.2	1814.5	1811.2	1812.9	1801.3	1773.2	1741.9	1697.3	1659.3
17.5°	1930.1	1926.8	1925.1	1931.7	1930.1	1938.3	1935.0	1898.7	1850.8	1779.8	1713.8
20°	2055.6	2055.6	2062.2	2067.1	2082.0	2103.4	2093.5	2049.0	1961.4	1862.4	1776.5
22.5°	2205.8	2209.1	2215.7	2212.4	2235.5	2270.2	2273.5	2210.8	2096.8	1959.8	1839.3
25°	2362.7	2366.0	2359.4	2369.3	2407.2	2456.8	2466.7	2377.5	2227.3	2049.0	1892.1
27.5°	2511.2	2514.5	2514.5	2527.8	2564.1	2648.3	2658.2	2559.1	2359.4	2126.6	1930.1
30°	2656.5	2669.7	2673.0	2676.4	2730.8	2848.1	2869.5	2725.9	2474.9	2184.3	1956.5
32.5°	2839.8	2844.8	2851.4	2859.6	2922.4	3066.0	3066.0	2869.5	2549.2	2220.7	1961.4
35°	3036.3	3037.9	3052.8	3054.4	3143.6	3287.2	3259.2	2988.4	2602.1	2212.4	1925.1
37.5°	3155.2	3161.8	3176.6	3196.4	3290.5	3493.6	3429.2	3090.8	2612.0	2157.9	1842.6
40°	3302.1	3315.3	3330.2	3350.0	3490.3	3703.3	3572.9	3155.2	2570.7	2050.6	1718.7
42.5°	3460.6	3478.8	3501.9	3538.2	3705.0	3888.2	3681.8	3165.1	2476.6	1930.1	1571.8
45°	3638.9	3671.9	3698.4	3741.3	3929.5	4048.4	3747.9	3107.3	2357.7	1771.6	1414.9
47.5°	3845.3	3871.7	3917.9	3964.2	4152.4	4157.3	3754.5	2995.0	2195.9	1613.1	1248.2
50°	4099.6	4116.1	4185.4	4213.5	4390.1	4271.3	3706.6	2843.1	2025.8	1434.8	1063.3
52.5°	4438.0	4461.1	4550.3	4593.2	4718.7	4426.5	3638.9	2678.0	1831.0	1235.0	873.4
55°	5106.7	5207.4	5270.2	5344.4	5425.3	4778.1	3609.2	2501.3	1611.4	1003.8	691.8
57.5°	6983.9	6950.9	7089.6	7258.0	7256.4	5582.2	3787.5	2349.4	1352.2	767.7	531.6
60°	9780.8	9812.2	9741.2	9841.9	9521.6	6579.4	4031.9	2189.3	1060.0	571.3	406.2
62.5°	11859.5	11677.9	11577.2	11458.3	10753.3	6688.4	3853.6	1860.7	771.0	401.2	312.0
65°	12351.5	12138.5	11922.2	11696.0	10632.8	6029.6	3161.8	1365.4	498.6	275.7	247.7
67.5°	11866.1	11524.3	11248.6	11015.8	9742.8	4997.7	2311.5	838.7	285.6	222.9	211.3
70°	10608.0	10229.9	9784.1	9523.3	8204.1	3683.5	1481.0	452.4	219.6	198.1	193.2
72.5°	7764.9	7454.5	6967.4	6668.6	5890.9	2238.8	827.2	254.3	204.7	189.9	183.3
75°	3024.7	2862.9	2659.8	2676.4	2389.1	990.6	374.8	219.6	199.8	186.6	180.0
77.5°	520.1	506.9	468.9	468.9	533.3	361.6	249.3	221.2	198.1	183.3	171.7
80°	312.0	305.4	290.6	287.3	277.4	254.3	239.4	224.5	194.8	173.4	158.5
82.5°	204.7	196.5	191.5	189.9	206.4	222.9	224.5	222.9	184.9	150.2	128.8
85°	87.5	87.5	87.5	89.2	118.9	180.0	184.9	198.1	151.9	117.2	92.5
87.5°	14.9	18.2	18.2	19.8	21.5	39.6	49.5	64.4	51.2	49.5	44.6
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: P154585

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CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1517.3	1517.3	1517.3
2.5°	1476.0	1472.7	1472.7
5°	1471.1	1467.8	1469.4
7.5°	1490.9	1484.3	1485.9
10°	1527.2	1520.6	1517.3
12.5°	1573.5	1565.2	1565.2
15°	1621.3	1601.5	1599.9
17.5°	1661.0	1636.2	1632.9
20°	1705.5	1672.5	1667.6
22.5°	1746.8	1702.2	1695.6
25°	1776.5	1722.0	1713.8
27.5°	1789.7	1725.3	1718.7
30°	1799.6	1727.0	1717.1
32.5°	1789.7	1712.1	1703.9
35°	1735.3	1651.0	1646.1
37.5°	1641.1	1547.0	1540.4
40°	1517.3	1418.3	1401.7
42.5°	1358.8	1266.4	1248.2
45°	1205.3	1099.6	1091.3
47.5°	1040.2	939.4	944.4
50°	866.8	776.0	774.3
52.5°	701.7	622.4	617.5
55°	553.1	497.0	492.0
57.5°	437.5	407.8	402.9
60°	356.6	341.8	336.8
62.5°	287.3	282.3	280.7
65°	239.4	239.4	239.4
67.5°	208.0	209.7	209.7
70°	191.5	193.2	191.5
72.5°	184.9	189.9	189.9
75°	180.0	183.3	176.7
77.5°	176.7	178.3	166.8
80°	175.0	173.4	151.9
82.5°	151.9	146.9	128.8
85°	138.7	105.7	89.2
87.5°	71.0	49.5	38.0
90°	0.0	0.0	0.0

(END OF REPORT)