

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: P154558

Luminaire Tested: **TLM-E04-LED-E1-T2-8030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P154558  
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-E04-LED-E1-T2-8030  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(4) LIGHTBARS WITH AccuLED OPTICS - TYPE 2  
Light Source: (84) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10343.5 lumens  
Efficiency: N/A  
Efficacy: 106.4 lumens/watt  
Spacing Criteria (0/90/45): 2.21 / 4.51 / 2.52  
Luminous Opening: Rectangular (W 0.67' x L: 1' x H: 0')  
CIE Type: Direct

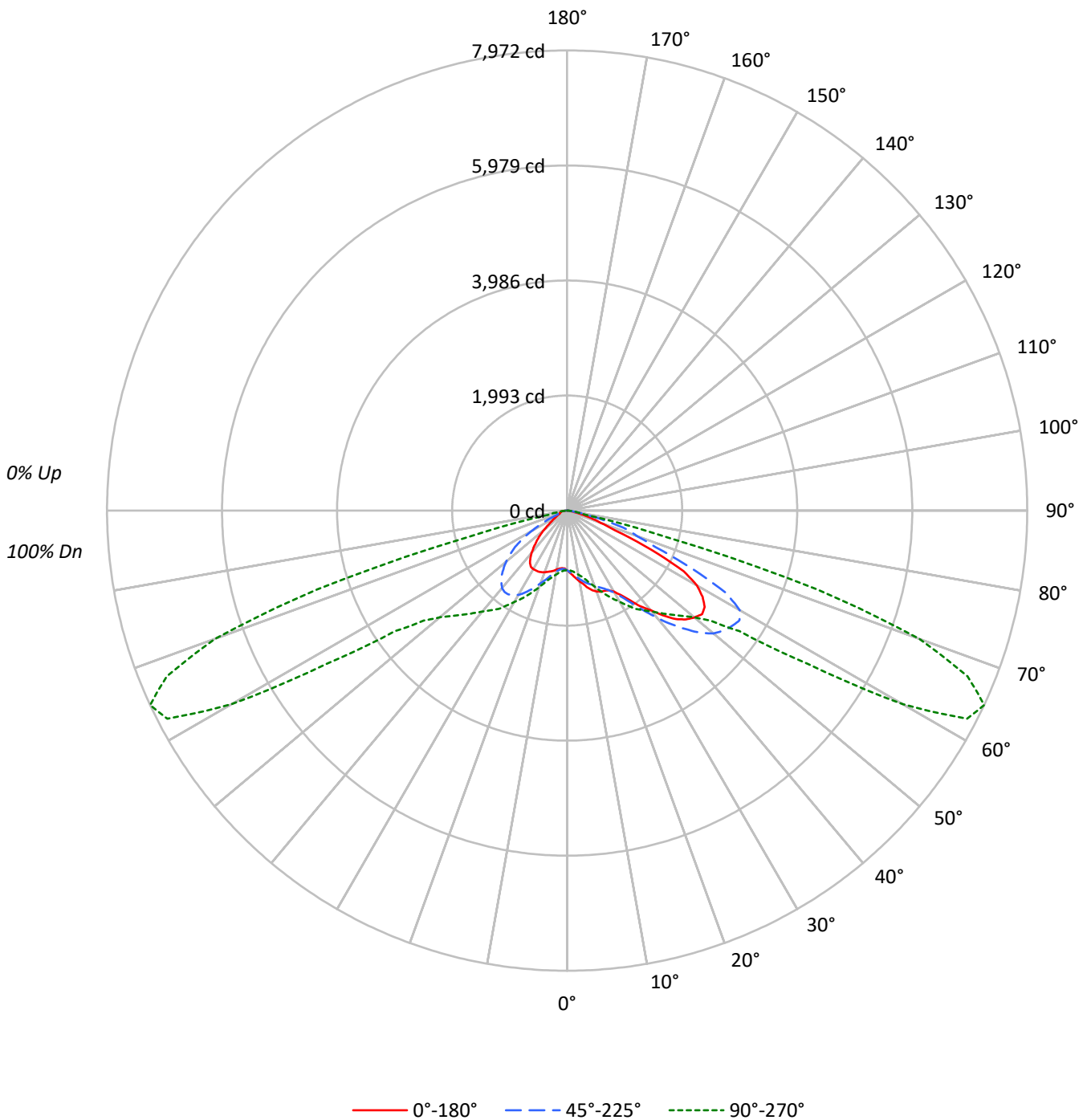
Input Watts (W): 97.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: TLM-E04-LED-E1-T2-8030

### 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°	16615	16615	16615
5°	18165	17024	16151
10°	20322	18413	16871
15°	23021	20569	18136
20°	25530	24087	19432
25°	27189	28625	20706
30°	30019	33839	21710
35°	37166	40829	22003
40°	47177	47886	20037
45°	60415	57936	16899
50°	71974	71776	13192
55°	81479	102030	9392
60°	83416	215535	7377
65°	61344	303043	6204
70°	29128	304894	6130
75°	15853	113226	7474
80°	7494	18115	9576
85°	3521	11207	11207



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	103.6	1.0
10°-20°	355.7	3.4
20°-30°	698.8	6.8
30°-40°	1161.1	11.2
40°-50°	1706.2	16.5
50°-60°	2362.2	22.8
60°-70°	2819.5	27.3
70°-80°	997.1	9.6
80°-90°	139.3	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°	1158.1	11.2
0°-40°	2319.2	22.4
0°-60°	6387.6	61.8
0°-90°	10343.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	10343.5	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1034	1034	1034	1034	1034	
5°	1126	1105	1056	1015	1002	111
15°	1384	1298	1237	1187	1090	394
25°	1534	1488	1615	1518	1168	715
35°	1895	1959	2082	1774	1122	1211
45°	2659	2902	2550	1607	744	2035
55°	2909	3487	3643	1098	335	2549
65°	1614	2405	7972	340	163	1573
75°	255	724	1824	136	120	315
85°	19	39	61	104	61	27
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°	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2
2.5°	1079.2	1080.3	1078.1	1076.9	1073.6	1067.9	1063.4	1058.9	1058.9	1058.9	1055.6
5°	1126.4	1128.7	1124.2	1120.8	1110.7	1105.1	1097.2	1091.6	1089.3	1088.2	1084.8
7.5°	1186.1	1182.7	1176.0	1173.7	1165.8	1153.5	1138.8	1127.6	1127.6	1126.4	1127.6
10°	1245.7	1236.7	1233.4	1230.0	1217.6	1201.8	1185.0	1172.6	1171.5	1170.3	1167.0
12.5°	1305.4	1302.0	1298.6	1286.2	1273.9	1249.1	1230.0	1217.6	1216.5	1217.6	1213.1
15°	1384.1	1376.3	1372.9	1351.5	1324.5	1297.5	1273.9	1262.6	1259.2	1260.4	1257.0
17.5°	1444.9	1444.9	1437.0	1413.4	1378.5	1341.4	1316.6	1309.9	1308.7	1308.7	1309.9
20°	1493.3	1492.2	1484.3	1465.2	1423.5	1386.4	1374.0	1371.8	1370.6	1370.6	1374.0
22.5°	1520.3	1518.1	1514.7	1493.3	1460.7	1435.9	1437.0	1443.8	1446.0	1448.3	1452.8
25°	1533.8	1530.4	1529.3	1514.7	1491.1	1487.7	1507.9	1525.9	1530.4	1534.9	1540.6
27.5°	1556.3	1550.7	1552.9	1547.3	1541.7	1551.8	1593.5	1612.6	1616.0	1621.6	1625.0
30°	1618.2	1616.0	1625.0	1627.2	1631.7	1646.3	1684.6	1702.6	1710.5	1710.5	1726.2
32.5°	1736.4	1737.5	1739.7	1763.4	1771.3	1781.4	1801.6	1816.3	1817.4	1818.5	1833.1
35°	1895.0	1901.8	1920.9	1941.2	1960.3	1959.2	1946.8	1954.7	1949.1	1955.8	1956.9
37.5°	2095.3	2086.3	2114.5	2160.6	2189.9	2182.0	2126.9	2090.8	2101.0	2096.5	2093.1
40°	2249.5	2259.6	2313.7	2374.4	2396.9	2421.7	2349.7	2287.8	2278.8	2261.9	2251.8
42.5°	2462.2	2463.3	2507.2	2552.2	2617.5	2671.5	2625.4	2536.5	2509.5	2489.2	2445.3
45°	2659.1	2655.8	2691.8	2746.9	2824.6	2902.2	2919.1	2822.3	2812.2	2776.2	2718.8
47.5°	2790.8	2786.3	2811.1	2883.1	3009.1	3136.3	3206.0	3176.8	3157.7	3143.0	3053.0
50°	2879.7	2870.7	2898.8	2975.3	3116.0	3311.8	3494.1	3518.9	3511.0	3511.0	3453.6
52.5°	2946.1	2946.1	2966.3	3028.2	3171.2	3415.3	3741.7	3866.6	3876.7	3888.0	3884.6
55°	2909.0	2914.6	2965.2	3055.2	3206.0	3487.4	3946.5	4220.0	4276.2	4323.5	4377.5
57.5°	2781.8	2800.9	2868.4	3015.9	3215.0	3541.4	4173.8	4715.1	4873.8	5011.1	5224.9
60°	2596.1	2620.9	2718.8	2906.7	3148.6	3453.6	4253.7	5133.7	5385.8	5685.1	6243.3
62.5°	2277.7	2302.4	2398.1	2586.0	2793.0	3117.1	3922.9	5195.6	5598.5	6022.7	6866.7
65°	1613.7	1574.3	1684.6	1853.4	2090.8	2404.8	3170.0	4780.4	5359.9	5934.9	6977.0
67.5°	899.1	895.8	963.3	1089.3	1316.6	1654.2	2184.2	3666.3	4199.7	4851.3	6130.8
70°	620.1	626.8	669.6	805.7	993.7	1285.1	1556.3	2302.4	2686.1	3128.4	4386.5
72.5°	435.5	450.1	473.8	554.8	747.2	1082.6	1590.1	1376.3	1567.6	1869.2	2637.8
75°	255.4	265.6	282.5	321.8	425.4	723.6	1646.3	1209.7	1209.7	1280.6	1595.7
77.5°	157.5	157.5	167.7	183.4	226.2	354.5	1172.6	1359.4	1321.1	1280.6	1284.0
80°	81.0	86.6	101.3	109.2	126.0	162.0	526.7	1268.2	1390.9	1473.0	1415.7
82.5°	37.1	41.6	61.9	66.4	73.1	85.5	181.2	721.3	966.7	1272.7	1590.1
85°	19.1	19.1	32.6	40.5	43.9	39.4	66.4	291.5	441.1	672.9	1053.3
87.5°	3.4	3.4	5.6	6.8	10.1	9.0	11.3	16.9	28.1	30.4	31.5
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):**

	65°	66°	67°	68°	69°	70°	71°	72°	73°	74°	75°
0°	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2
2.5°	1054.4	1055.6	1054.4	1053.3	1051.1	1051.1	1051.1	1049.9	1049.9	1049.9	1048.8
5°	1084.8	1080.3	1081.4	1079.2	1078.1	1076.9	1078.1	1075.8	1073.6	1074.7	1073.6
7.5°	1123.1	1120.8	1116.3	1116.3	1115.2	1112.9	1112.9	1109.6	1108.4	1106.2	1105.1
10°	1165.8	1160.2	1162.5	1160.2	1161.3	1156.8	1154.6	1152.3	1150.1	1150.1	1151.2
12.5°	1209.7	1208.6	1205.2	1203.0	1203.0	1199.6	1200.7	1199.6	1196.2	1195.1	1191.7
15°	1254.7	1254.7	1251.4	1252.5	1251.4	1249.1	1246.9	1246.9	1244.6	1242.4	1243.5
17.5°	1307.6	1307.6	1307.6	1307.6	1308.7	1305.4	1306.5	1304.2	1302.0	1306.5	1306.5
20°	1376.3	1380.8	1380.8	1379.6	1385.3	1381.9	1380.8	1386.4	1380.8	1388.6	1387.5
22.5°	1455.0	1459.5	1459.5	1464.0	1465.2	1468.5	1470.8	1468.5	1473.0	1477.5	1477.5
25°	1542.8	1547.3	1550.7	1557.4	1560.8	1558.6	1559.7	1565.3	1567.6	1572.1	1576.6
27.5°	1635.1	1636.2	1640.7	1648.6	1654.2	1656.5	1657.6	1666.6	1667.7	1670.0	1674.5
30°	1725.1	1736.4	1734.1	1744.2	1747.6	1751.0	1757.8	1761.1	1769.0	1773.5	1773.5
32.5°	1830.9	1828.6	1837.6	1845.5	1851.2	1856.8	1862.4	1866.9	1871.4	1873.7	1884.9
35°	1962.6	1967.1	1967.1	1968.2	1981.7	1982.8	1987.3	1997.4	2000.8	2007.6	2012.1
37.5°	2093.1	2085.2	2084.1	2084.1	2079.6	2083.0	2084.1	2085.2	2089.7	2090.8	2095.3
40°	2239.4	2229.3	2220.3	2214.6	2205.6	2193.3	2191.0	2185.4	2188.7	2187.6	2188.7
42.5°	2439.7	2411.6	2390.2	2374.4	2356.4	2342.9	2332.8	2318.2	2308.0	2295.7	2293.4
45°	2695.1	2642.3	2606.2	2580.4	2554.5	2517.3	2496.0	2473.5	2453.2	2432.9	2416.1
47.5°	3030.5	2974.2	2916.8	2869.6	2829.1	2769.4	2708.6	2674.9	2635.5	2600.6	2575.9
50°	3425.5	3358.0	3331.0	3264.6	3213.9	3123.9	3048.5	2993.4	2914.6	2861.7	2815.6
52.5°	3829.5	3812.6	3798.0	3741.7	3682.1	3630.3	3563.9	3467.1	3387.2	3326.4	3231.9
55°	4379.8	4387.6	4382.0	4351.6	4330.2	4280.7	4253.7	4169.3	4133.3	4045.5	3946.5
57.5°	5305.9	5368.9	5448.8	5480.3	5523.1	5482.6	5529.8	5587.2	5444.3	5493.8	5404.9
60°	6488.6	6777.8	6950.0	7161.5	7300.0	7493.5	7528.4	7579.0	7564.4	7592.5	7649.9
62.5°	7211.1	7554.3	7884.0	8123.7	8380.3	8522.1	8693.1	8812.4	8936.2	9019.4	8995.8
65°	7423.7	7777.1	8076.4	8338.6	8568.2	8741.5	8900.2	9049.8	9163.5	9243.4	9290.7
67.5°	6642.8	7104.2	7419.2	7726.5	8022.4	8204.7	8337.5	8482.7	8649.2	8787.6	8814.6
70°	4998.7	5690.7	6137.5	6505.5	6853.2	7098.5	7284.2	7419.2	7548.7	7647.7	7755.7
72.5°	3126.1	3731.6	4242.5	4719.6	5088.7	5426.3	5582.7	5882.1	5842.7	5918.1	5999.1
75°	1873.7	2168.5	2449.8	2786.3	2979.9	3261.2	3311.8	3361.3	3335.5	3251.1	3314.1
77.5°	1302.0	1350.4	1348.1	1329.0	1308.7	1259.2	1195.1	1160.2	1136.6	1102.8	1116.3
80°	1309.9	1205.2	1045.4	878.9	725.8	624.6	584.0	584.0	625.7	685.3	745.0
82.5°	1565.3	1453.9	1296.4	1084.8	859.7	699.9	593.0	550.3	558.2	618.9	695.4
85°	1055.6	1080.3	947.5	866.5	686.4	534.5	447.9	363.5	321.8	332.0	375.9
87.5°	38.3	46.1	16.9	22.5	15.8	13.5	13.5	14.6	10.1	12.4	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):**

	76°	77°	78°	79°	80°	81°	82°	83°	84°	85°	86°
0°	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2
2.5°	1047.7	1046.5	1046.5	1044.3	1044.3	1043.2	1043.2	1042.0	1040.9	1040.9	1039.8
5°	1072.4	1071.3	1069.1	1067.9	1065.7	1065.7	1064.6	1062.3	1062.3	1060.1	1058.9
7.5°	1107.3	1105.1	1102.8	1101.7	1100.6	1097.2	1097.2	1094.9	1094.9	1092.7	1091.6
10°	1149.0	1146.7	1144.5	1145.6	1142.2	1141.1	1138.8	1138.8	1135.4	1134.3	1134.3
12.5°	1194.0	1192.8	1192.8	1189.5	1188.3	1187.2	1182.7	1182.7	1182.7	1180.5	1181.6
15°	1242.4	1243.5	1240.1	1243.5	1242.4	1239.0	1239.0	1239.0	1234.5	1240.1	1235.6
17.5°	1307.6	1311.0	1308.7	1309.9	1307.6	1307.6	1308.7	1307.6	1309.9	1309.9	1316.6
20°	1388.6	1389.8	1395.4	1393.1	1393.1	1392.0	1394.3	1395.4	1399.9	1397.6	1402.2
22.5°	1477.5	1483.2	1484.3	1488.8	1488.8	1487.7	1489.9	1494.4	1496.7	1500.1	1498.9
25°	1578.8	1582.2	1586.7	1581.1	1590.1	1590.1	1592.3	1598.0	1599.1	1599.1	1607.0
27.5°	1673.4	1682.4	1683.5	1689.1	1685.7	1688.0	1695.9	1699.2	1703.7	1703.7	1706.0
30°	1780.3	1783.6	1785.9	1792.6	1791.5	1792.6	1793.8	1799.4	1799.4	1805.0	1810.6
32.5°	1890.5	1892.8	1895.0	1901.8	1904.0	1908.5	1906.3	1910.8	1916.4	1917.5	1920.9
35°	2022.2	2024.5	2026.7	2036.8	2038.0	2045.8	2048.1	2045.8	2054.8	2049.2	2054.8
37.5°	2098.7	2108.9	2111.1	2117.9	2115.6	2121.2	2124.6	2129.1	2131.4	2135.9	2144.9
40°	2192.1	2195.5	2202.3	2205.6	2210.1	2211.3	2215.8	2219.1	2222.5	2232.6	2242.8
42.5°	2287.8	2292.3	2295.7	2300.2	2305.8	2310.3	2313.7	2323.8	2326.0	2332.8	2351.9
45°	2403.7	2401.4	2402.6	2403.7	2405.9	2411.6	2421.7	2431.8	2438.6	2454.3	2470.1
47.5°	2547.7	2533.1	2527.5	2518.5	2520.7	2533.1	2535.3	2552.2	2565.7	2580.4	2599.5
50°	2766.0	2726.7	2703.0	2679.4	2677.1	2683.9	2692.9	2710.9	2726.7	2745.8	2772.8
52.5°	3132.9	3057.5	3010.2	2945.0	2927.0	2923.6	2916.8	2927.0	2931.5	2957.3	3008.0
55°	3875.6	3736.1	3646.0	3544.8	3450.2	3422.1	3368.1	3379.3	3368.1	3383.8	3459.2
57.5°	5426.3	5314.9	5227.1	5097.7	4935.7	4763.5	4720.7	4544.0	4578.9	4680.2	4614.9
60°	7678.1	7637.6	7574.5	7512.6	7291.0	7166.0	6962.4	6939.9	6796.9	6798.1	6704.7
62.5°	8938.4	8990.2	8951.9	8933.9	8921.5	8882.2	8780.9	8659.3	8477.0	8345.4	8151.8
65°	9298.5	9254.6	9213.0	9207.4	9204.0	9268.1	9282.8	9197.3	9031.8	8827.0	8604.2
67.5°	8878.8	8854.0	8856.3	8809.0	8838.3	8949.7	9027.3	9003.7	8851.8	8604.2	8320.6
70°	7879.5	7831.1	7880.6	7942.5	7986.4	8050.5	8128.2	8147.3	8008.9	7754.6	7465.4
72.5°	5900.1	5907.9	5955.2	5972.1	6148.8	6130.8	6200.5	5973.2	5873.1	5631.1	5482.6
75°	3104.8	3054.1	3185.8	2906.7	2791.9	2871.8	2647.9	2432.9	2478.0	2515.1	2247.3
77.5°	1097.2	1026.3	905.9	857.5	713.5	604.3	494.0	445.6	419.7	406.2	389.4
80°	787.7	810.2	785.5	727.0	617.8	495.1	390.5	308.3	264.5	240.8	225.1
82.5°	796.7	885.6	925.0	908.1	809.1	612.2	404.0	257.7	191.3	159.8	148.5
85°	427.6	468.1	450.1	379.2	341.0	203.7	139.5	93.4	78.8	72.0	66.4
87.5°	16.9	13.5	11.3	11.3	12.4	13.5	11.3	12.4	11.3	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):**

	87°	88°	89°	90°	95°	105°	115°	125°	135°	145°	155°
0°	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2	1034.2
2.5°	1037.5	1037.5	1037.5	1036.4	1034.2	1028.5	1022.9	1018.4	1015.0	1011.7	1007.2
5°	1057.8	1055.6	1055.6	1055.6	1046.5	1037.5	1029.7	1021.8	1015.0	1009.4	1004.9
7.5°	1091.6	1090.4	1085.9	1084.8	1078.1	1063.4	1054.4	1040.9	1033.0	1025.2	1022.9
10°	1132.1	1130.9	1129.8	1128.7	1119.7	1105.1	1093.8	1081.4	1070.2	1058.9	1047.7
12.5°	1179.3	1178.2	1177.1	1173.7	1170.3	1162.5	1150.1	1136.6	1123.1	1099.4	1087.1
15°	1237.9	1240.1	1237.9	1236.7	1234.5	1235.6	1227.7	1208.6	1187.2	1156.8	1130.9
17.5°	1315.5	1313.2	1312.1	1316.6	1315.5	1321.1	1318.9	1294.1	1261.5	1213.1	1168.1
20°	1401.0	1401.0	1405.5	1408.9	1419.0	1433.7	1426.9	1396.5	1336.9	1269.4	1210.8
22.5°	1503.4	1505.7	1510.2	1507.9	1523.7	1547.3	1549.6	1506.8	1429.2	1335.8	1253.6
25°	1610.3	1612.6	1608.1	1614.8	1640.7	1674.5	1681.2	1620.5	1518.1	1396.5	1289.6
27.5°	1711.6	1713.9	1713.9	1722.9	1747.6	1805.0	1811.8	1744.2	1608.1	1449.4	1315.5
30°	1810.6	1819.6	1821.9	1824.1	1861.3	1941.2	1955.8	1857.9	1686.9	1488.8	1333.5
32.5°	1935.6	1938.9	1943.4	1949.1	1991.8	2089.7	2089.7	1955.8	1737.5	1513.6	1336.9
35°	2069.5	2070.6	2080.7	2081.8	2142.6	2240.5	2221.4	2036.8	1773.5	1507.9	1312.1
37.5°	2150.5	2155.0	2165.1	2178.6	2242.8	2381.2	2337.3	2106.6	1780.3	1470.8	1255.9
40°	2250.6	2259.6	2269.8	2283.3	2378.9	2524.1	2435.2	2150.5	1752.1	1397.6	1171.5
42.5°	2358.7	2371.1	2386.8	2411.6	2525.2	2650.1	2509.5	2157.2	1688.0	1315.5	1071.3
45°	2480.2	2502.7	2520.7	2550.0	2678.3	2759.3	2554.5	2117.9	1607.0	1207.5	964.4
47.5°	2620.9	2638.9	2670.4	2701.9	2830.2	2833.6	2559.0	2041.3	1496.7	1099.4	850.7
50°	2794.2	2805.4	2852.7	2871.8	2992.2	2911.2	2526.3	1937.8	1380.8	977.9	724.7
52.5°	3024.9	3040.6	3101.4	3130.6	3216.2	3017.0	2480.2	1825.3	1248.0	841.7	595.3
55°	3480.6	3549.3	3592.0	3642.7	3697.8	3256.7	2460.0	1704.9	1098.3	684.2	471.5
57.5°	4760.1	4737.6	4832.1	4946.9	4945.8	3804.7	2581.5	1601.3	921.6	523.3	362.4
60°	6666.4	6687.8	6639.4	6708.0	6489.7	4484.4	2748.0	1492.2	722.5	389.4	276.8
62.5°	8083.2	7959.4	7890.8	7809.7	7329.2	4558.7	2626.5	1268.2	525.5	273.5	212.7
65°	8418.5	8273.4	8125.9	7971.8	7247.1	4109.7	2155.0	930.6	339.8	187.9	168.8
67.5°	8087.7	7854.7	7666.8	7508.1	6640.5	3406.3	1575.4	571.7	194.7	151.9	144.0
70°	7230.2	6972.5	6668.7	6490.9	5591.7	2510.6	1009.4	308.3	149.7	135.0	131.7
72.5°	5292.4	5080.8	4748.9	4545.2	4015.1	1525.9	563.8	173.3	139.5	129.4	124.9
75°	2061.6	1951.3	1812.9	1824.1	1628.3	675.2	255.4	149.7	136.2	127.2	122.7
77.5°	354.5	345.5	319.6	319.6	363.5	246.4	169.9	150.8	135.0	124.9	117.0
80°	212.7	208.2	198.1	195.8	189.1	173.3	163.2	153.0	132.8	118.2	108.0
82.5°	139.5	133.9	130.5	129.4	140.7	151.9	153.0	151.9	126.0	102.4	87.8
85°	59.6	59.6	59.6	60.8	81.0	122.7	126.0	135.0	103.5	79.9	63.0
87.5°	10.1	12.4	12.4	13.5	14.6	27.0	33.8	43.9	34.9	33.8	30.4
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: P154558

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**CANDELA DISTRIBUTION (continued):**

	165°	175°	180°
0°	1034.2	1034.2	1034.2
2.5°	1006.0	1003.8	1003.8
5°	1002.7	1000.4	1001.5
7.5°	1016.2	1011.7	1012.8
10°	1040.9	1036.4	1034.2
12.5°	1072.4	1066.8	1066.8
15°	1105.1	1091.6	1090.4
17.5°	1132.1	1115.2	1112.9
20°	1162.5	1140.0	1136.6
22.5°	1190.6	1160.2	1155.7
25°	1210.8	1173.7	1168.1
27.5°	1219.8	1176.0	1171.5
30°	1226.6	1177.1	1170.3
32.5°	1219.8	1167.0	1161.3
35°	1182.7	1125.3	1121.9
37.5°	1118.6	1054.4	1049.9
40°	1034.2	966.7	955.4
42.5°	926.1	863.1	850.7
45°	821.5	749.5	743.8
47.5°	709.0	640.3	643.7
50°	590.8	528.9	527.8
52.5°	478.3	424.2	420.9
55°	377.0	338.7	335.3
57.5°	298.2	278.0	274.6
60°	243.1	232.9	229.6
62.5°	195.8	192.4	191.3
65°	163.2	163.2	163.2
67.5°	141.8	142.9	142.9
70°	130.5	131.7	130.5
72.5°	126.0	129.4	129.4
75°	122.7	124.9	120.4
77.5°	120.4	121.5	113.7
80°	119.3	118.2	103.5
82.5°	103.5	100.2	87.8
85°	94.5	72.0	60.8
87.5°	48.4	33.8	25.9
90°	0.0	0.0	0.0

(END OF REPORT)