

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: P148954

Luminaire Tested: **TLM-F03-LED-E1-RW-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P148954  
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-F03-LED-E1-RW-7030  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(3) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE  
Light Source: (21) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7066.3 lumens  
Efficiency: N/A  
Efficacy: 90.2 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 3.07 / 1.6  
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')  
CIE Type: Direct

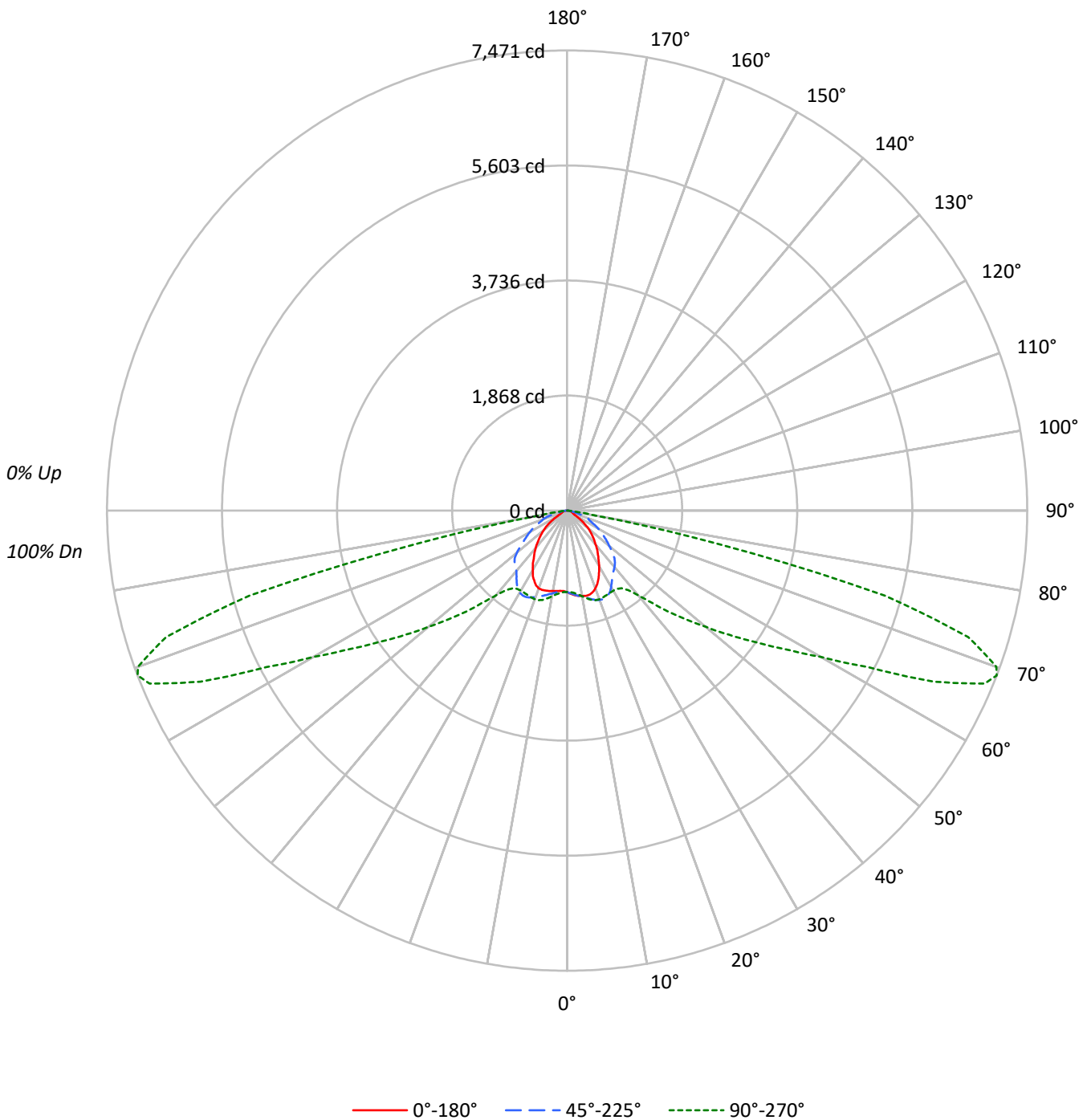
Input Watts (W): 78.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: TLM-F03-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°	28503	28503	28503
5°	29768	29020	28270
10°	30790	30888	29026
15°	31492	33424	29945
20°	30731	35084	30799
25°	28673	35946	29962
30°	25808	37317	27722
35°	22927	40443	24788
40°	20214	50323	22333
45°	17676	70520	19512
50°	14874	98307	16742
55°	10727	139516	13159
60°	6394	204295	7858
65°	5761	334726	5761
70°	5885	466805	5980
75°	6272	444274	6588
80°	6360	57202	6918
85°	4100	14351	5780



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	129.9	1.8
10°-20°	409.7	5.8
20°-30°	663.7	9.4
30°-40°	827.2	11.7
40°-50°	1033.7	14.6
50°-60°	1276.4	18.1
60°-70°	1586.0	22.4
70°-80°	1052.9	14.9
80°-90°	86.9	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°	1203.3	17.0
0°-40°	2030.5	28.7
0°-60°	4340.5	61.4
0°-90°	7066.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	7066.3	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	1324	1324	1324	1324	1324	
5°	1378	1369	1343	1322	1308	132
15°	1413	1485	1500	1426	1344	395
25°	1207	1537	1513	1552	1261	552
35°	872	1285	1539	1430	943	546
45°	581	1082	2316	1208	641	448
55°	286	732	3717	858	351	255
65°	113	424	6571	540	113	114
75°	75	167	5341	218	79	79
85°	17	32	58	42	23	21
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°	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0
2.5°	1354.2	1358.7	1354.2	1354.2	1350.4	1346.6	1344.4	1339.1	1336.1	1334.6	1334.6
5°	1377.5	1376.8	1377.5	1377.5	1373.8	1369.3	1366.2	1361.7	1357.2	1356.4	1355.7
7.5°	1394.9	1394.1	1396.4	1400.9	1398.7	1394.9	1394.9	1390.4	1387.3	1387.3	1385.8
10°	1408.5	1409.2	1413.7	1420.5	1422.0	1421.3	1426.6	1425.0	1423.5	1425.0	1423.5
12.5°	1417.5	1418.3	1424.3	1437.1	1445.4	1450.7	1464.3	1465.0	1465.8	1465.8	1465.8
15°	1413.0	1413.0	1425.0	1449.2	1469.5	1485.4	1502.7	1505.7	1502.7	1505.0	1503.5
17.5°	1386.6	1388.1	1407.7	1444.7	1486.1	1520.8	1539.7	1534.4	1529.1	1529.1	1526.8
20°	1341.4	1344.4	1370.8	1422.8	1488.4	1543.4	1572.8	1555.5	1541.2	1538.9	1536.6
22.5°	1285.6	1283.3	1315.0	1380.6	1471.0	1553.2	1593.2	1572.1	1546.4	1541.2	1537.4
25°	1207.1	1208.7	1241.8	1315.0	1427.3	1537.4	1599.2	1588.7	1558.5	1551.7	1543.4
27.5°	1121.2	1125.0	1160.4	1235.0	1359.5	1498.2	1592.4	1605.3	1581.9	1574.3	1566.8
30°	1038.2	1040.5	1080.5	1160.4	1275.8	1428.8	1574.3	1623.3	1611.3	1605.3	1598.5
32.5°	950.0	957.6	992.3	1082.7	1209.4	1352.7	1546.4	1642.2	1646.7	1643.0	1639.2
35°	872.4	878.4	917.6	1012.6	1145.3	1284.8	1512.5	1662.6	1693.5	1692.7	1692.0
37.5°	802.2	803.8	845.2	941.7	1082.0	1237.3	1477.1	1695.7	1750.8	1758.3	1767.4
40°	719.3	726.8	769.8	873.9	1019.4	1196.6	1446.9	1740.2	1830.7	1847.3	1860.1
42.5°	653.0	653.0	691.4	794.7	945.5	1149.8	1436.4	1796.0	1925.7	1948.3	1970.9
45°	580.6	582.8	619.8	714.0	861.1	1082.0	1434.8	1857.8	2032.0	2064.4	2092.3
47.5°	512.0	513.5	552.7	643.9	773.6	988.5	1416.0	1926.5	2143.6	2190.4	2221.3
50°	444.1	441.8	479.5	572.3	695.9	892.0	1355.7	2015.4	2282.3	2329.1	2364.5
52.5°	360.4	366.4	407.2	495.4	619.8	809.8	1232.8	2102.9	2425.6	2478.4	2526.6
55°	285.8	285.0	331.0	410.9	537.6	732.1	1087.3	2164.7	2565.1	2626.2	2679.7
57.5°	205.1	207.3	246.6	325.7	452.4	662.8	977.2	2154.2	2672.9	2745.3	2813.1
60°	148.5	153.1	182.5	240.5	361.2	582.8	900.3	2032.0	2746.8	2845.6	2927.8
62.5°	125.2	128.9	154.6	186.2	279.0	499.1	825.6	1836.0	2842.6	2973.0	3092.1
65°	113.1	116.1	141.8	159.8	214.1	424.5	778.9	1697.2	2968.5	3166.8	3329.6
67.5°	101.8	106.3	128.9	142.5	181.7	379.3	765.3	1676.1	2992.6	3255.0	3486.5
69°	96.5	101.0	121.4	133.5	171.2	364.9	739.7	1600.0	2835.0	3117.0	3376.4
70°	93.5	97.3	115.4	128.2	168.1	351.4	703.5	1488.4	2667.6	2951.9	3230.9
72.5°	86.0	88.2	103.3	116.1	154.6	269.9	533.1	1075.2	1991.3	2272.5	2546.2
75°	75.4	77.7	91.2	104.1	119.9	167.4	323.5	637.9	1222.2	1411.5	1685.9
77.5°	64.8	67.1	78.4	98.0	95.0	109.3	197.5	381.5	640.9	735.1	910.8
80°	51.3	54.3	65.6	94.2	79.2	86.7	144.8	282.0	389.8	429.0	475.0
82.5°	36.2	37.7	49.8	75.4	59.6	65.6	108.6	234.5	312.9	341.6	355.1
85°	16.6	17.3	29.4	44.5	35.4	31.7	58.1	150.0	207.3	215.6	227.7
87.5°	0.0	0.0	3.0	3.0	6.0	3.8	6.8	18.8	31.7	31.7	38.5
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):**

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0
2.5°	1335.3	1334.6	1335.3	1335.3	1336.1	1333.1	1332.3	1331.6	1330.8	1331.6	1330.0
5°	1355.7	1354.9	1354.9	1355.7	1354.9	1352.7	1351.9	1351.9	1349.6	1348.9	1348.9
7.5°	1386.6	1385.1	1382.8	1384.3	1385.1	1384.3	1385.1	1382.8	1382.8	1380.6	1381.3
10°	1425.0	1423.5	1422.8	1424.3	1425.0	1424.3	1425.0	1422.0	1421.3	1420.5	1419.0
12.5°	1467.3	1464.3	1466.5	1466.5	1467.3	1470.3	1466.5	1468.0	1465.0	1465.0	1464.3
15°	1504.2	1503.5	1505.0	1505.0	1504.2	1506.5	1505.7	1506.5	1502.7	1501.2	1505.0
17.5°	1527.6	1525.3	1526.1	1525.3	1525.3	1525.3	1526.8	1526.8	1524.6	1523.8	1525.3
20°	1533.6	1529.9	1529.1	1528.3	1526.8	1526.8	1527.6	1526.1	1524.6	1523.1	1524.6
22.5°	1532.1	1527.6	1523.1	1520.8	1518.5	1515.5	1514.8	1513.3	1511.0	1511.0	1511.8
25°	1537.4	1529.1	1522.3	1517.8	1511.8	1508.0	1505.0	1501.2	1497.4	1495.2	1495.9
27.5°	1555.5	1546.4	1537.4	1528.3	1519.3	1511.8	1505.7	1498.9	1492.9	1488.4	1486.1
30°	1589.4	1577.4	1566.8	1556.2	1544.9	1534.4	1524.6	1514.0	1502.7	1495.9	1489.9
32.5°	1628.6	1620.3	1613.5	1601.5	1589.4	1576.6	1564.5	1555.5	1538.9	1526.1	1515.5
35°	1688.2	1685.2	1681.4	1672.4	1658.8	1652.0	1642.2	1627.9	1608.3	1597.0	1581.1
37.5°	1770.4	1771.1	1768.1	1764.3	1765.9	1753.0	1747.0	1745.5	1725.9	1718.4	1695.0
40°	1871.4	1882.7	1892.5	1892.5	1900.1	1900.8	1899.3	1912.1	1897.8	1900.8	1875.9
42.5°	1983.8	2010.9	2026.0	2037.3	2062.2	2073.5	2092.3	2120.2	2121.7	2136.1	2137.6
45°	2116.5	2146.6	2175.3	2204.7	2237.9	2277.1	2316.3	2344.9	2390.2	2400.0	2432.4
47.5°	2254.4	2298.2	2331.3	2369.0	2425.6	2476.1	2534.2	2593.0	2645.0	2682.0	2703.1
50°	2406.7	2451.2	2499.5	2541.7	2602.0	2672.9	2753.6	2834.3	2901.4	2967.0	3019.7
52.5°	2575.6	2624.7	2669.9	2724.9	2786.0	2870.5	2958.7	3069.5	3159.2	3249.0	3313.8
55°	2737.8	2792.8	2834.3	2904.4	2967.7	3054.4	3163.8	3295.0	3419.4	3527.9	3616.2
57.5°	2878.7	2933.0	2991.1	3051.4	3128.3	3215.0	3349.2	3498.5	3640.3	3782.8	3913.2
60°	3010.7	3083.8	3147.2	3227.1	3304.0	3404.3	3564.1	3748.9	3942.6	4119.8	4250.3
62.5°	3209.8	3303.2	3377.9	3476.7	3583.7	3702.1	3878.5	4082.1	4334.7	4563.2	4766.0
65°	3488.0	3631.2	3751.9	3873.3	4003.7	4166.6	4357.3	4615.9	4894.9	5232.7	5500.4
67.5°	3686.3	3865.7	4021.8	4174.1	4324.2	4504.4	4740.4	5043.5	5404.6	5759.8	6099.8
69°	3606.4	3796.4	3969.8	4121.3	4279.7	4459.9	4689.8	5022.4	5390.3	5780.9	6117.9
70°	3438.2	3643.3	3828.8	3973.5	4135.7	4314.4	4568.4	4885.9	5261.4	5665.5	5995.8
72.5°	2764.9	2981.3	3164.5	3325.1	3494.8	3704.4	3930.6	4235.2	4651.4	5047.2	5341.3
75°	1904.6	2106.7	2314.0	2433.9	2628.4	2777.7	2992.6	3304.8	3652.3	3943.4	4215.6
77.5°	1077.5	1186.0	1342.9	1391.9	1531.4	1630.9	1744.7	1937.0	2118.0	2286.9	2335.9
80°	490.1	457.7	473.5	449.4	475.8	459.2	440.3	450.9	448.6	482.6	450.9
82.5°	352.9	304.6	253.3	218.7	192.3	162.9	138.7	124.4	122.9	128.9	126.7
85°	225.4	205.8	161.4	129.7	99.5	76.9	64.1	58.1	58.1	61.8	61.1
87.5°	39.2	33.9	21.1	18.1	15.8	10.6	6.8	6.8	6.0	7.5	9.8
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°	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0
2.5°	1330.0	1329.3	1327.8	1327.0	1327.0	1325.5	1324.8	1326.3	1327.0	1327.8	1325.5
5°	1348.9	1346.6	1345.9	1346.6	1342.9	1343.6	1342.9	1343.6	1343.6	1343.6	1342.1
7.5°	1379.1	1376.8	1378.3	1376.8	1374.5	1373.8	1373.8	1371.5	1368.5	1367.7	1368.5
10°	1420.5	1417.5	1418.3	1419.0	1416.8	1415.2	1413.0	1410.0	1410.0	1409.2	1407.7
12.5°	1465.0	1463.5	1463.5	1464.3	1463.5	1460.5	1457.5	1456.0	1455.2	1455.2	1455.2
15°	1503.5	1502.7	1503.5	1502.7	1502.7	1501.2	1499.7	1497.4	1496.7	1497.4	1498.2
17.5°	1525.3	1523.1	1525.3	1526.1	1525.3	1525.3	1525.3	1523.8	1523.1	1523.1	1523.8
20°	1526.8	1525.3	1526.8	1529.1	1529.1	1529.9	1531.4	1532.1	1531.4	1532.9	1533.6
22.5°	1511.8	1511.8	1514.0	1516.3	1520.1	1521.6	1524.6	1526.1	1527.6	1529.9	1531.4
25°	1496.7	1495.9	1498.2	1502.7	1505.7	1509.5	1513.3	1516.3	1519.3	1522.3	1525.3
27.5°	1486.1	1485.4	1486.9	1490.6	1494.4	1498.9	1505.0	1509.5	1513.3	1517.0	1519.3
30°	1486.9	1483.9	1483.1	1486.1	1489.9	1495.2	1501.2	1506.5	1511.8	1514.8	1517.0
32.5°	1508.7	1501.2	1498.2	1497.4	1498.9	1502.7	1507.2	1512.5	1516.3	1519.3	1520.1
35°	1565.3	1551.0	1547.9	1538.1	1539.7	1538.9	1538.9	1541.9	1544.9	1544.9	1539.7
37.5°	1679.9	1659.5	1645.2	1635.4	1625.6	1624.9	1623.3	1621.8	1614.3	1609.8	1609.0
40°	1858.6	1850.3	1823.2	1815.6	1799.0	1787.7	1790.7	1784.7	1766.6	1759.8	1756.8
42.5°	2119.5	2124.0	2108.9	2073.5	2059.2	2037.3	2019.2	2016.2	1999.6	1986.0	1975.5
45°	2425.6	2433.9	2422.6	2396.9	2371.3	2338.1	2316.3	2274.0	2257.5	2236.3	2222.0
47.5°	2740.0	2762.6	2744.5	2721.9	2707.6	2655.6	2610.3	2561.3	2536.4	2506.3	2492.7
50°	3052.2	3092.1	3081.6	3060.5	3044.6	2979.0	2935.3	2867.4	2853.1	2823.0	2806.4
52.5°	3364.3	3403.5	3426.9	3407.3	3396.0	3343.2	3313.0	3258.8	3218.0	3199.2	3198.4
55°	3679.5	3742.8	3779.8	3773.0	3754.1	3747.3	3717.2	3711.9	3680.2	3659.9	3632.7
57.5°	3987.9	4055.0	4119.1	4156.8	4172.6	4167.3	4181.6	4180.1	4184.7	4182.4	4137.9
60°	4379.9	4486.3	4579.8	4639.3	4695.9	4735.1	4744.9	4802.9	4786.4	4822.5	4753.2
62.5°	4933.4	5071.4	5213.1	5275.7	5345.1	5472.5	5502.6	5571.3	5581.8	5590.9	5553.9
65°	5704.7	5885.7	6099.8	6195.6	6304.1	6467.8	6571.1	6644.2	6641.9	6592.2	6544.7
67.5°	6363.0	6577.1	6773.9	6940.5	7102.6	7230.0	7338.6	7437.4	7442.7	7411.8	7330.3
69°	6419.5	6643.4	6857.6	7058.1	7218.7	7360.5	7470.6	7547.5	7564.1	7536.9	7461.5
70°	6314.7	6540.9	6773.9	6966.1	7147.9	7297.9	7416.3	7490.2	7512.8	7484.9	7414.0
72.5°	5670.0	5889.4	6063.6	6289.8	6548.4	6642.7	6825.1	6885.5	6941.3	6904.3	6862.1
75°	4441.8	4648.4	4828.6	4946.2	5064.6	5297.6	5341.3	5454.4	5492.8	5456.7	5503.4
77.5°	2314.0	2453.5	2513.8	2419.6	2433.9	2617.9	2513.8	2636.0	2706.1	2726.4	2755.8
80°	442.6	465.2	482.6	476.5	482.6	496.1	461.4	442.6	467.5	462.2	462.2
82.5°	130.4	128.2	128.2	135.0	134.2	137.2	137.2	131.9	135.7	135.7	136.5
85°	59.6	56.5	55.8	56.5	55.8	55.8	58.1	58.1	62.6	58.8	59.6
87.5°	7.5	6.8	7.5	7.5	6.0	6.0	6.8	7.5	7.5	6.8	6.8
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°	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0	1324.0
2.5°	1324.8	1324.0	1324.0	1324.0	1323.3	1322.5	1321.8	1319.5	1317.2	1316.5	1312.7
5°	1339.1	1339.8	1338.3	1336.8	1336.8	1336.8	1334.6	1328.5	1324.0	1321.8	1316.5
7.5°	1369.3	1367.7	1365.5	1364.7	1363.2	1364.0	1359.5	1351.9	1343.6	1338.3	1330.0
10°	1409.2	1407.7	1406.2	1404.7	1402.4	1402.4	1397.1	1385.8	1373.0	1364.0	1348.9
12.5°	1456.0	1454.5	1452.9	1452.2	1448.4	1447.7	1440.1	1426.6	1410.0	1392.6	1370.8
15°	1498.9	1496.7	1495.9	1493.7	1491.4	1490.6	1483.9	1465.8	1445.4	1425.8	1397.1
17.5°	1526.1	1524.6	1522.3	1520.8	1520.1	1519.3	1509.5	1494.4	1478.6	1459.0	1424.3
20°	1535.1	1535.9	1534.4	1532.9	1530.6	1529.1	1520.1	1505.7	1502.7	1492.2	1456.7
22.5°	1533.6	1533.6	1532.9	1529.9	1528.3	1524.6	1511.8	1505.0	1521.6	1526.1	1480.8
25°	1527.6	1526.8	1524.6	1522.3	1517.8	1512.5	1492.9	1496.7	1543.4	1551.7	1486.1
27.5°	1520.8	1520.1	1516.3	1511.0	1504.2	1496.7	1471.8	1496.7	1563.8	1557.0	1464.3
30°	1517.0	1514.0	1508.7	1501.2	1492.2	1483.9	1456.7	1516.3	1578.1	1538.9	1403.9
32.5°	1517.8	1512.5	1505.0	1495.2	1484.6	1474.8	1456.0	1551.0	1583.4	1495.2	1318.7
35°	1535.9	1527.6	1517.8	1508.0	1497.4	1488.4	1489.9	1599.2	1582.6	1429.6	1236.5
37.5°	1601.5	1587.2	1580.4	1569.8	1554.7	1547.2	1577.4	1652.8	1572.1	1349.6	1164.2
40°	1746.2	1734.2	1724.4	1697.2	1702.5	1696.5	1725.1	1725.9	1558.5	1282.5	1103.8
42.5°	1957.4	1957.4	1936.3	1932.5	1918.2	1924.9	1937.8	1811.8	1544.9	1242.6	1044.3
45°	2206.2	2225.0	2216.7	2214.5	2225.8	2239.4	2180.5	1913.6	1545.7	1207.9	974.9
47.5°	2501.8	2517.6	2525.9	2539.5	2553.8	2545.5	2424.1	2020.7	1559.3	1158.1	885.9
50°	2816.2	2854.6	2866.7	2884.0	2896.8	2899.1	2654.8	2130.8	1573.6	1066.9	789.4
52.5°	3206.0	3242.2	3255.0	3267.1	3257.3	3249.0	2881.0	2261.2	1562.3	958.3	707.2
55°	3664.4	3671.2	3668.9	3653.9	3645.6	3600.3	3090.6	2400.0	1474.1	858.0	628.8
57.5°	4141.7	4144.7	4117.6	4064.8	4003.7	3960.7	3291.9	2514.6	1287.1	777.4	551.2
60°	4756.2	4694.4	4648.4	4567.7	4468.2	4376.2	3507.6	2578.7	1108.4	699.7	463.7
62.5°	5498.1	5374.5	5274.9	5193.5	5046.5	4884.4	3782.8	2587.0	999.8	625.8	364.2
65°	6458.7	6328.3	6158.6	6019.1	5860.0	5641.4	4226.9	2527.4	946.3	539.9	266.2
67.5°	7215.0	7083.0	6893.0	6736.9	6531.8	6277.0	4594.8	2423.3	933.4	462.2	209.6
69°	7346.9	7202.9	7031.7	6836.5	6618.6	6346.4	4609.2	2302.7	913.8	432.8	192.3
70°	7298.7	7148.6	6983.5	6776.1	6531.8	6252.1	4500.6	2168.5	874.6	416.2	186.2
72.5°	6757.3	6528.8	6363.0	6185.8	5888.7	5605.2	3874.8	1640.7	680.9	350.6	174.2
75°	5409.9	5214.6	5027.6	4939.4	4692.9	4452.3	2908.9	1042.0	444.9	217.9	136.5
77.5°	2758.1	2722.7	2776.2	2736.2	2558.3	2558.3	1795.3	553.4	261.6	131.2	104.1
80°	495.4	516.5	506.7	527.8	490.8	545.1	631.1	371.7	185.5	100.3	85.2
82.5°	138.7	140.2	138.7	139.5	144.0	151.6	328.0	319.7	143.3	75.4	66.4
85°	64.8	65.6	67.1	67.1	73.1	74.6	220.2	229.2	83.7	41.5	44.5
87.5°	7.5	9.8	9.8	9.0	10.6	10.6	40.7	46.0	11.3	8.3	13.6
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: P148954

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**CANDELA DISTRIBUTION (continued):**

	155°	165°	175°	180°
0°	1324.0	1324.0	1324.0	1324.0
2.5°	1309.7	1306.7	1303.7	1305.9
5°	1314.2	1309.7	1305.9	1308.2
7.5°	1326.3	1318.7	1318.0	1318.0
10°	1341.4	1330.8	1327.8	1327.8
12.5°	1357.2	1342.9	1337.6	1337.6
15°	1373.8	1353.4	1345.9	1343.6
17.5°	1392.6	1364.0	1350.4	1350.4
20°	1410.7	1365.5	1345.1	1344.4
22.5°	1413.7	1348.1	1318.7	1317.2
25°	1391.1	1307.4	1269.0	1261.4
27.5°	1337.6	1244.1	1203.4	1201.9
30°	1256.9	1161.1	1119.7	1115.2
32.5°	1177.7	1075.9	1037.5	1037.5
35°	1097.8	998.3	948.5	943.2
37.5°	1023.9	916.1	871.6	870.9
40°	956.1	844.5	801.5	794.7
42.5°	888.2	769.1	720.1	718.6
45°	807.5	686.9	644.7	640.9
47.5°	721.6	613.0	568.5	567.8
50°	643.9	544.4	499.9	499.9
52.5°	573.0	477.3	432.8	428.3
55°	493.1	401.1	355.9	350.6
57.5°	406.4	315.9	275.2	263.9
60°	314.4	230.0	188.5	182.5
62.5°	229.2	168.1	137.2	132.7
65°	172.7	143.3	117.6	113.1
67.5°	148.5	128.9	107.1	102.5
69°	138.0	122.1	102.5	98.0
70°	133.5	117.6	98.8	95.0
72.5°	122.9	107.8	90.5	89.0
75°	112.3	98.0	81.4	79.2
77.5°	108.6	85.2	70.1	68.6
80°	110.8	69.4	57.3	55.8
82.5°	90.5	55.8	44.5	42.2
85°	56.5	37.7	23.4	23.4
87.5°	14.3	12.1	6.8	6.8
90°	0.0	0.0	0.0	0.0

(END OF REPORT)