

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: P148944

Luminaire Tested: **TLM-F02-LED-E1-RW-7030**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-41-14  
Report Number: P148944  
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-F02-LED-E1-RW-7030  
Description: TALON MEDIUM LED SITE LUMINAIRE  
(2) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE  
Light Source: (14) 3000K CCT, 70 CRI LEDs  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4710.9 lumens  
Efficiency: N/A  
Efficacy: 85.7 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 3.07 / 1.6  
Luminous Opening: Rectangular (W 0.33' x L: 1' x H: 0')  
CIE Type: Direct

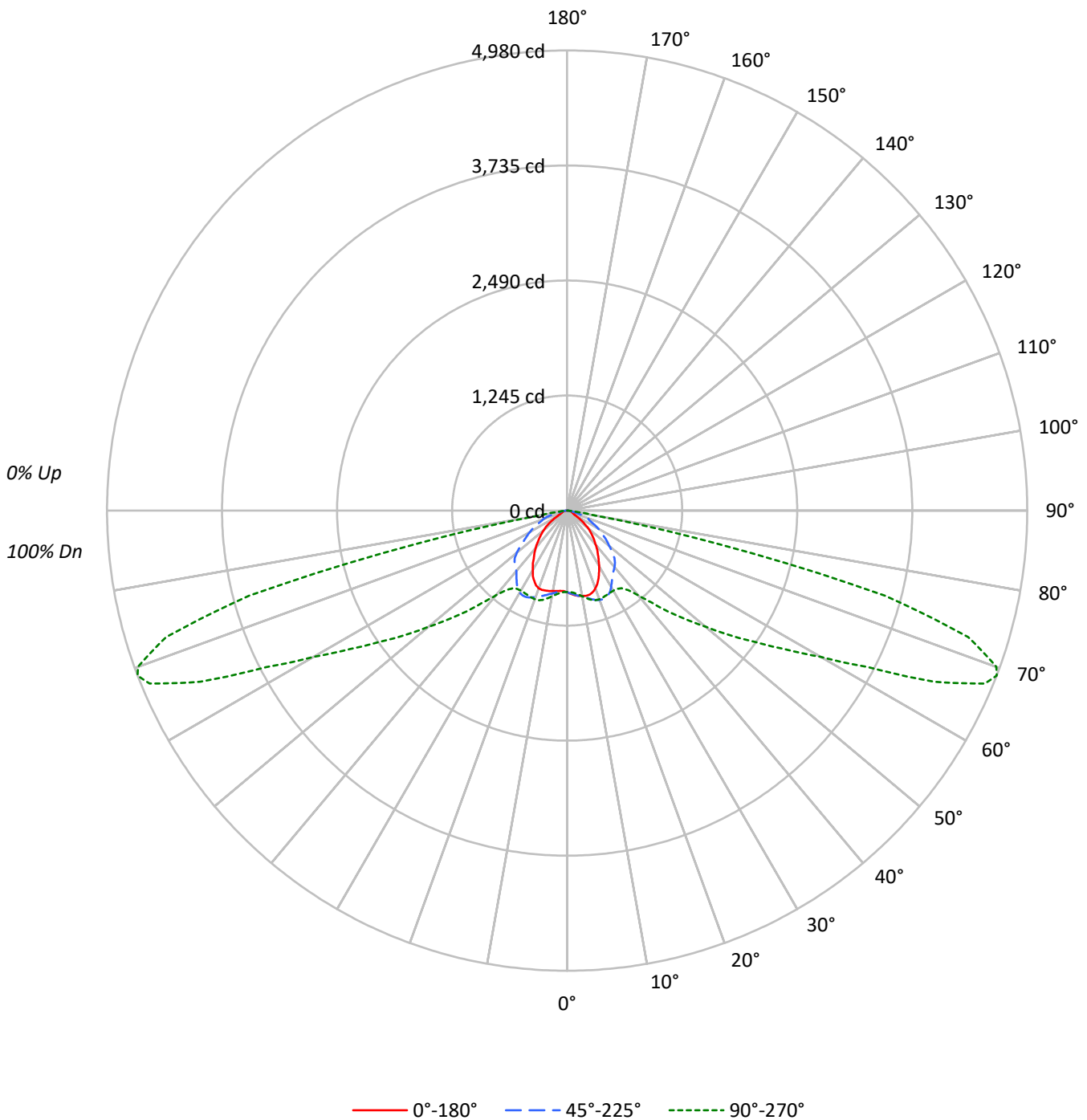
Input Watts (W): 55  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: TLM-F02-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°	28792	28792	28792
5°	30071	29311	28555
10°	31101	31200	29319
15°	31810	33762	30246
20°	31039	35437	31108
25°	28965	36307	30268
30°	26071	37694	27999
35°	23159	40850	25038
40°	20417	50832	22559
45°	17852	71232	19711
50°	15025	99302	16913
55°	10833	140924	13290
60°	6458	206361	7933
65°	5819	338105	5819
70°	5941	471521	6037
75°	6339	448766	6654
80°	6424	57779	6988
85°	4154	14483	5838



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	86.6	1.8
10°-20°	273.1	5.8
20°-30°	442.5	9.4
30°-40°	551.5	11.7
40°-50°	689.1	14.6
50°-60°	850.9	18.1
60°-70°	1057.3	22.4
70°-80°	701.9	14.9
80°-90°	57.9	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°	802.2	17.0
0°-40°	1353.7	28.7
0°-60°	2893.7	61.4
0°-90°	4710.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4710.9	100.0

**CANDELA DISTRIBUTION:**

	0°	45°	90°	135°	180°	Flux
0°	883	883	883	883	883	
5°	918	913	895	881	872	88
15°	942	990	1000	950	896	264
25°	805	1025	1009	1034	841	368
35°	582	856	1026	953	629	364
45°	387	721	1544	805	427	298
55°	190	488	2478	572	234	170
65°	75	283	4381	360	75	76
75°	50	112	3561	145	53	53
85°	11	21	39	28	16	14
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°	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7
2.5°	902.8	905.8	902.8	902.8	900.3	897.8	896.2	892.7	890.7	889.7	889.7
5°	918.4	917.9	918.4	918.4	915.9	912.8	910.8	907.8	904.8	904.3	903.8
7.5°	929.9	929.4	930.9	933.9	932.4	929.9	929.9	926.9	924.9	924.9	923.9
10°	939.0	939.5	942.5	947.0	948.0	947.5	951.0	950.0	949.0	950.0	949.0
12.5°	945.0	945.5	949.5	958.1	963.6	967.1	976.2	976.7	977.2	977.2	977.2
15°	942.0	942.0	950.0	966.1	979.7	990.2	1001.8	1003.8	1001.8	1003.3	1002.3
17.5°	924.4	925.4	938.5	963.1	990.7	1013.9	1026.4	1022.9	1019.4	1019.4	1017.9
20°	894.2	896.2	913.8	948.5	992.3	1028.9	1048.6	1037.0	1027.4	1025.9	1024.4
22.5°	857.0	855.5	876.6	920.4	980.7	1035.5	1062.1	1048.1	1031.0	1027.4	1024.9
25°	804.8	805.8	827.9	876.6	951.5	1024.9	1066.1	1059.1	1039.0	1034.5	1028.9
27.5°	747.5	750.0	773.6	823.4	906.3	998.8	1061.6	1070.2	1054.6	1049.6	1044.5
30°	692.2	693.7	720.3	773.6	850.5	952.5	1049.6	1082.2	1074.2	1070.2	1065.6
32.5°	633.4	638.4	661.5	721.8	806.3	901.8	1031.0	1094.8	1097.8	1095.3	1092.8
35°	581.6	585.6	611.7	675.1	763.5	856.5	1008.3	1108.4	1129.0	1128.5	1128.0
37.5°	534.8	535.8	563.5	627.8	721.3	824.9	984.7	1130.5	1167.2	1172.2	1178.2
40°	479.5	484.6	513.2	582.6	679.6	797.7	964.6	1160.1	1220.5	1231.5	1240.1
42.5°	435.3	435.3	460.9	529.8	630.3	766.6	957.6	1197.3	1283.8	1298.9	1314.0
45°	387.0	388.6	413.2	476.0	574.0	721.3	956.6	1238.6	1354.7	1376.3	1394.9
47.5°	341.3	342.3	368.5	429.3	515.7	659.0	944.0	1284.3	1429.1	1460.2	1480.8
50°	296.1	294.6	319.7	381.5	464.0	594.6	903.8	1343.6	1521.6	1552.7	1576.3
52.5°	240.3	244.3	271.4	330.2	413.2	539.9	821.9	1401.9	1617.1	1652.3	1684.4
55°	190.5	190.0	220.7	274.0	358.4	488.1	724.8	1443.1	1710.1	1750.8	1786.5
57.5°	136.7	138.2	164.4	217.2	301.6	441.8	651.5	1436.1	1781.9	1830.2	1875.4
60°	99.0	102.0	121.6	160.3	240.8	388.6	600.2	1354.7	1831.2	1897.0	1951.8
62.5°	83.4	86.0	103.0	124.2	186.0	332.8	550.4	1224.0	1895.0	1982.0	2061.4
65°	75.4	77.4	94.5	106.6	142.8	283.0	519.3	1131.5	1979.0	2111.2	2219.8
67.5°	67.9	70.9	86.0	95.0	121.1	252.8	510.2	1117.4	1995.1	2170.0	2324.3
69°	64.3	67.4	80.9	89.0	114.1	243.3	493.1	1066.6	1890.0	2078.0	2250.9
70°	62.3	64.8	76.9	85.5	112.1	234.2	469.0	992.3	1778.4	1967.9	2153.9
72.5°	57.3	58.8	68.9	77.4	103.0	180.0	355.4	716.8	1327.5	1515.0	1697.5
75°	50.3	51.8	60.8	69.4	79.9	111.6	215.6	425.3	814.8	941.0	1124.0
77.5°	43.2	44.7	52.3	65.3	63.3	72.9	131.7	254.3	427.3	490.1	607.2
80°	34.2	36.2	43.7	62.8	52.8	57.8	96.5	188.0	259.9	286.0	316.7
82.5°	24.1	25.1	33.2	50.3	39.7	43.7	72.4	156.3	208.6	227.7	236.8
85°	11.1	11.6	19.6	29.7	23.6	21.1	38.7	100.0	138.2	143.8	151.8
87.5°	0.0	0.0	2.0	2.0	4.0	2.5	4.5	12.6	21.1	21.1	25.6
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°	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7
2.5°	890.2	889.7	890.2	890.2	890.7	888.7	888.2	887.7	887.2	887.7	886.7
5°	903.8	903.3	903.3	903.8	903.3	901.8	901.3	901.3	899.8	899.3	899.3
7.5°	924.4	923.4	921.9	922.9	923.4	922.9	923.4	921.9	921.9	920.4	920.9
10°	950.0	949.0	948.5	949.5	950.0	949.5	950.0	948.0	947.5	947.0	946.0
12.5°	978.2	976.2	977.7	977.7	978.2	980.2	977.7	978.7	976.7	976.7	976.2
15°	1002.8	1002.3	1003.3	1003.3	1002.8	1004.3	1003.8	1004.3	1001.8	1000.8	1003.3
17.5°	1018.4	1016.9	1017.4	1016.9	1016.9	1016.9	1017.9	1017.9	1016.4	1015.9	1016.9
20°	1022.4	1019.9	1019.4	1018.9	1017.9	1017.9	1018.4	1017.4	1016.4	1015.4	1016.4
22.5°	1021.4	1018.4	1015.4	1013.9	1012.4	1010.4	1009.8	1008.8	1007.3	1007.3	1007.8
25°	1024.9	1019.4	1014.9	1011.9	1007.8	1005.3	1003.3	1000.8	998.3	996.8	997.3
27.5°	1037.0	1031.0	1024.9	1018.9	1012.9	1007.8	1003.8	999.3	995.3	992.3	990.7
30°	1059.6	1051.6	1044.5	1037.5	1030.0	1022.9	1016.4	1009.3	1001.8	997.3	993.3
32.5°	1085.8	1080.2	1075.7	1067.7	1059.6	1051.1	1043.0	1037.0	1025.9	1017.4	1010.4
35°	1125.5	1123.5	1120.9	1114.9	1105.9	1101.3	1094.8	1085.2	1072.2	1064.6	1054.1
37.5°	1180.3	1180.8	1178.7	1176.2	1177.2	1168.7	1164.7	1163.7	1150.6	1145.6	1130.0
40°	1247.6	1255.1	1261.7	1261.7	1266.7	1267.2	1266.2	1274.8	1265.2	1267.2	1250.6
42.5°	1322.5	1340.6	1350.7	1358.2	1374.8	1382.3	1394.9	1413.5	1414.5	1424.0	1425.0
45°	1411.0	1431.1	1450.2	1469.8	1491.9	1518.0	1544.2	1563.3	1593.4	1600.0	1621.6
47.5°	1503.0	1532.1	1554.2	1579.4	1617.1	1650.7	1689.4	1728.7	1763.3	1788.0	1802.0
50°	1604.5	1634.2	1666.3	1694.5	1734.7	1781.9	1835.7	1889.5	1934.2	1978.0	2013.2
52.5°	1717.1	1749.8	1779.9	1816.6	1857.3	1913.6	1972.4	2046.3	2106.2	2166.0	2209.2
55°	1825.2	1861.9	1889.5	1936.3	1978.5	2036.3	2109.2	2196.6	2279.6	2352.0	2410.8
57.5°	1919.2	1955.4	1994.1	2034.3	2085.5	2143.4	2232.8	2332.4	2426.9	2521.9	2608.8
60°	2007.1	2055.9	2098.1	2151.4	2202.7	2269.5	2376.1	2499.2	2628.4	2746.5	2833.5
62.5°	2139.8	2202.2	2251.9	2317.8	2389.2	2468.1	2585.7	2721.4	2889.8	3042.1	3177.3
65°	2325.3	2420.8	2501.2	2582.2	2669.1	2777.7	2904.9	3077.3	3263.3	3488.5	3666.9
67.5°	2457.5	2577.1	2681.2	2782.7	2882.8	3002.9	3160.2	3362.3	3603.1	3839.8	4066.5
69°	2404.2	2530.9	2646.5	2747.6	2853.1	2973.2	3126.6	3348.2	3593.5	3853.9	4078.6
70°	2292.1	2428.9	2552.5	2649.0	2757.1	2876.2	3045.6	3257.3	3507.6	3777.0	3997.2
72.5°	1843.3	1987.5	2109.7	2216.7	2329.8	2469.6	2620.4	2823.5	3100.9	3364.8	3560.9
75°	1269.7	1404.4	1542.7	1622.6	1752.3	1851.8	1995.1	2203.2	2434.9	2628.9	2810.4
77.5°	718.3	790.7	895.2	927.9	1020.9	1087.3	1163.2	1291.3	1412.0	1524.6	1557.2
80°	326.7	305.1	315.7	299.6	317.2	306.1	293.6	300.6	299.1	321.7	300.6
82.5°	235.2	203.1	168.9	145.8	128.2	108.6	92.5	82.9	81.9	86.0	84.4
85°	150.3	137.2	107.6	86.5	66.4	51.3	42.7	38.7	38.7	41.2	40.7
87.5°	26.1	22.6	14.1	12.1	10.6	7.0	4.5	4.5	4.0	5.0	6.5
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):**

	84°	85°	86°	87°	88°	89°	90°	91°	92°	93°	94°
0°	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7
2.5°	886.7	886.2	885.2	884.7	884.7	883.7	883.2	884.2	884.7	885.2	883.7
5°	899.3	897.8	897.3	897.8	895.2	895.7	895.2	895.7	895.7	895.7	894.7
7.5°	919.4	917.9	918.9	917.9	916.4	915.9	915.9	914.3	912.3	911.8	912.3
10°	947.0	945.0	945.5	946.0	944.5	943.5	942.0	940.0	940.0	939.5	938.5
12.5°	976.7	975.7	975.7	976.2	975.7	973.7	971.6	970.6	970.1	970.1	970.1
15°	1002.3	1001.8	1002.3	1001.8	1001.8	1000.8	999.8	998.3	997.8	998.3	998.8
17.5°	1016.9	1015.4	1016.9	1017.4	1016.9	1016.9	1016.9	1015.9	1015.4	1015.4	1015.9
20°	1017.9	1016.9	1017.9	1019.4	1019.4	1019.9	1020.9	1021.4	1020.9	1021.9	1022.4
22.5°	1007.8	1007.8	1009.3	1010.9	1013.4	1014.4	1016.4	1017.4	1018.4	1019.9	1020.9
25°	997.8	997.3	998.8	1001.8	1003.8	1006.3	1008.8	1010.9	1012.9	1014.9	1016.9
27.5°	990.7	990.2	991.3	993.8	996.3	999.3	1003.3	1006.3	1008.8	1011.4	1012.9
30°	991.3	989.2	988.7	990.7	993.3	996.8	1000.8	1004.3	1007.8	1009.8	1011.4
32.5°	1005.8	1000.8	998.8	998.3	999.3	1001.8	1004.8	1008.3	1010.9	1012.9	1013.4
35°	1043.5	1034.0	1032.0	1025.4	1026.4	1025.9	1025.9	1027.9	1030.0	1030.0	1026.4
37.5°	1119.9	1106.4	1096.8	1090.3	1083.7	1083.2	1082.2	1081.2	1076.2	1073.2	1072.7
40°	1239.1	1233.5	1215.4	1210.4	1199.4	1191.8	1193.8	1189.8	1177.7	1173.2	1171.2
42.5°	1413.0	1416.0	1405.9	1382.3	1372.8	1358.2	1346.1	1344.1	1333.1	1324.0	1317.0
45°	1617.1	1622.6	1615.1	1598.0	1580.9	1558.8	1544.2	1516.0	1505.0	1490.9	1481.3
47.5°	1826.7	1841.8	1829.7	1814.6	1805.1	1770.4	1740.2	1707.5	1691.0	1670.8	1661.8
50°	2034.8	2061.4	2054.4	2040.3	2029.8	1986.0	1956.9	1911.6	1902.1	1882.0	1870.9
52.5°	2242.9	2269.0	2284.6	2271.5	2264.0	2228.8	2208.7	2172.5	2145.4	2132.8	2132.3
55°	2453.0	2495.2	2519.8	2515.3	2502.8	2498.2	2478.1	2474.6	2453.5	2439.9	2421.8
57.5°	2658.6	2703.3	2746.0	2771.2	2781.7	2778.2	2787.8	2786.8	2789.8	2788.3	2758.6
60°	2920.0	2990.8	3053.2	3092.9	3130.6	3156.7	3163.3	3202.0	3190.9	3215.0	3168.8
62.5°	3288.9	3380.9	3475.4	3517.1	3563.4	3648.3	3668.4	3714.2	3721.2	3727.2	3702.6
65°	3803.1	3923.8	4066.5	4130.4	4202.8	4311.8	4380.7	4429.5	4428.0	4394.8	4363.1
67.5°	4242.0	4384.7	4515.9	4627.0	4735.1	4820.0	4892.4	4958.3	4961.8	4941.2	4886.9
69°	4279.7	4429.0	4571.7	4705.4	4812.5	4907.0	4980.4	5031.6	5042.7	5024.6	4974.3
70°	4209.8	4360.6	4515.9	4644.1	4765.2	4865.3	4944.2	4993.4	5008.5	4989.9	4942.7
72.5°	3780.0	3926.3	4042.4	4193.2	4365.6	4428.5	4550.1	4590.3	4627.5	4602.9	4574.7
75°	2961.2	3098.9	3219.0	3297.5	3376.4	3531.7	3560.9	3636.3	3661.9	3637.8	3668.9
77.5°	1542.7	1635.7	1675.9	1613.0	1622.6	1745.2	1675.9	1757.3	1804.1	1817.6	1837.2
80°	295.1	310.1	321.7	317.7	321.7	330.8	307.6	295.1	311.7	308.1	308.1
82.5°	87.0	85.5	85.5	90.0	89.5	91.5	91.5	88.0	90.5	90.5	91.0
85°	39.7	37.7	37.2	37.7	37.2	37.2	38.7	38.7	41.7	39.2	39.7
87.5°	5.0	4.5	5.0	5.0	4.0	4.0	4.5	5.0	5.0	4.5	4.5
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):**

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7	882.7
2.5°	883.2	882.7	882.7	882.7	882.2	881.7	881.2	879.7	878.2	877.6	875.1
5°	892.7	893.2	892.2	891.2	891.2	891.2	889.7	885.7	882.7	881.2	877.6
7.5°	912.8	911.8	910.3	909.8	908.8	909.3	906.3	901.3	895.7	892.2	886.7
10°	939.5	938.5	937.5	936.5	935.0	935.0	931.4	923.9	915.3	909.3	899.3
12.5°	970.6	969.6	968.6	968.1	965.6	965.1	960.1	951.0	940.0	928.4	913.8
15°	999.3	997.8	997.3	995.8	994.3	993.8	989.2	977.2	963.6	950.5	931.4
17.5°	1017.4	1016.4	1014.9	1013.9	1013.4	1012.9	1006.3	996.3	985.7	972.7	949.5
20°	1023.4	1023.9	1022.9	1021.9	1020.4	1019.4	1013.4	1003.8	1001.8	994.8	971.1
22.5°	1022.4	1022.4	1021.9	1019.9	1018.9	1016.4	1007.8	1003.3	1014.4	1017.4	987.2
25°	1018.4	1017.9	1016.4	1014.9	1011.9	1008.3	995.3	997.8	1028.9	1034.5	990.7
27.5°	1013.9	1013.4	1010.9	1007.3	1002.8	997.8	981.2	997.8	1042.5	1038.0	976.2
30°	1011.4	1009.3	1005.8	1000.8	994.8	989.2	971.1	1010.9	1052.1	1025.9	936.0
32.5°	1011.9	1008.3	1003.3	996.8	989.7	983.2	970.6	1034.0	1055.6	996.8	879.2
35°	1023.9	1018.4	1011.9	1005.3	998.3	992.3	993.3	1066.1	1055.1	953.0	824.4
37.5°	1067.7	1058.1	1053.6	1046.5	1036.5	1031.5	1051.6	1101.8	1048.1	899.8	776.1
40°	1164.2	1156.1	1149.6	1131.5	1135.0	1131.0	1150.1	1150.6	1039.0	855.0	735.9
42.5°	1304.9	1304.9	1290.8	1288.3	1278.8	1283.3	1291.8	1207.9	1030.0	828.4	696.2
45°	1470.8	1483.4	1477.8	1476.3	1483.9	1492.9	1453.7	1275.8	1030.5	805.3	649.9
47.5°	1667.8	1678.4	1683.9	1693.0	1702.5	1697.0	1616.1	1347.1	1039.5	772.1	590.6
50°	1877.4	1903.1	1911.1	1922.7	1931.2	1932.7	1769.9	1420.5	1049.1	711.3	526.3
52.5°	2137.3	2161.4	2170.0	2178.0	2171.5	2166.0	1920.7	1507.5	1041.5	638.9	471.5
55°	2442.9	2447.5	2446.0	2435.9	2430.4	2400.2	2060.4	1600.0	982.7	572.0	419.2
57.5°	2761.1	2763.1	2745.0	2709.9	2669.1	2640.5	2194.6	1676.4	858.0	518.2	367.4
60°	3170.8	3129.6	3098.9	3045.1	2978.8	2917.5	2338.4	1719.1	738.9	466.5	309.1
62.5°	3665.4	3583.0	3516.6	3462.3	3364.3	3256.2	2521.9	1724.6	666.5	417.2	242.8
65°	4305.8	4218.8	4105.7	4012.8	3906.7	3760.9	2817.9	1684.9	630.8	359.9	177.4
67.5°	4810.0	4722.0	4595.3	4491.3	4354.6	4184.7	3063.2	1615.6	622.3	308.1	139.7
69°	4897.9	4801.9	4687.8	4557.6	4412.4	4230.9	3072.8	1535.1	609.2	288.5	128.2
70°	4865.8	4765.7	4655.7	4517.4	4354.6	4168.1	3000.4	1445.7	583.1	277.5	124.2
72.5°	4504.9	4352.6	4242.0	4123.8	3925.8	3736.8	2583.2	1093.8	453.9	233.7	116.1
75°	3606.6	3476.4	3351.8	3292.9	3128.6	2968.2	1939.3	694.7	296.6	145.3	91.0
77.5°	1838.7	1815.1	1850.8	1824.2	1705.5	1705.5	1196.8	369.0	174.4	87.5	69.4
80°	330.2	344.3	337.8	351.9	327.2	363.4	420.7	247.8	123.7	66.9	56.8
82.5°	92.5	93.5	92.5	93.0	96.0	101.0	218.7	213.1	95.5	50.3	44.2
85°	43.2	43.7	44.7	44.7	48.8	49.8	146.8	152.8	55.8	27.6	29.7
87.5°	5.0	6.5	6.5	6.0	7.0	7.0	27.1	30.7	7.5	5.5	9.0
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: P148944

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**CANDELA DISTRIBUTION (continued):**

	155°	165°	175°	180°
0°	882.7	882.7	882.7	882.7
2.5°	873.1	871.1	869.1	870.6
5°	876.1	873.1	870.6	872.1
7.5°	884.2	879.2	878.7	878.7
10°	894.2	887.2	885.2	885.2
12.5°	904.8	895.2	891.7	891.7
15°	915.9	902.3	897.3	895.7
17.5°	928.4	909.3	900.3	900.3
20°	940.5	910.3	896.7	896.2
22.5°	942.5	898.8	879.2	878.2
25°	927.4	871.6	846.0	841.0
27.5°	891.7	829.4	802.2	801.2
30°	837.9	774.1	746.5	743.4
32.5°	785.2	717.3	691.7	691.7
35°	731.9	665.5	632.3	628.8
37.5°	682.6	610.7	581.1	580.6
40°	637.4	563.0	534.3	529.8
42.5°	592.1	512.7	480.0	479.0
45°	538.4	457.9	429.8	427.3
47.5°	481.0	408.7	379.0	378.5
50°	429.3	362.9	333.3	333.3
52.5°	382.0	318.2	288.5	285.5
55°	328.7	267.4	237.3	233.7
57.5°	270.9	210.6	183.5	175.9
60°	209.6	153.3	125.7	121.6
62.5°	152.8	112.1	91.5	88.5
65°	115.1	95.5	78.4	75.4
67.5°	99.0	86.0	71.4	68.4
69°	92.0	81.4	68.4	65.3
70°	89.0	78.4	65.8	63.3
72.5°	81.9	71.9	60.3	59.3
75°	74.9	65.3	54.3	52.8
77.5°	72.4	56.8	46.7	45.7
80°	73.9	46.2	38.2	37.2
82.5°	60.3	37.2	29.7	28.1
85°	37.7	25.1	15.6	15.6
87.5°	9.6	8.0	4.5	4.5
90°	0.0	0.0	0.0	0.0

(END OF REPORT)