

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: P148951

Luminaire Tested: **TLM-E03-LED-E1-RW-7050**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P148951
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-E03-LED-E1-RW-7050
Description: TALON MEDIUM LED SITE LUMINAIRE
(3) LIGHTBARS WITH AccuLED OPTICS - RECTANGULAR WIDE
Light Source: (63) 5000K CCT, 70 CRI LEDs
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9616.5 lumens
Efficiency: N/A
Efficacy: 127.9 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

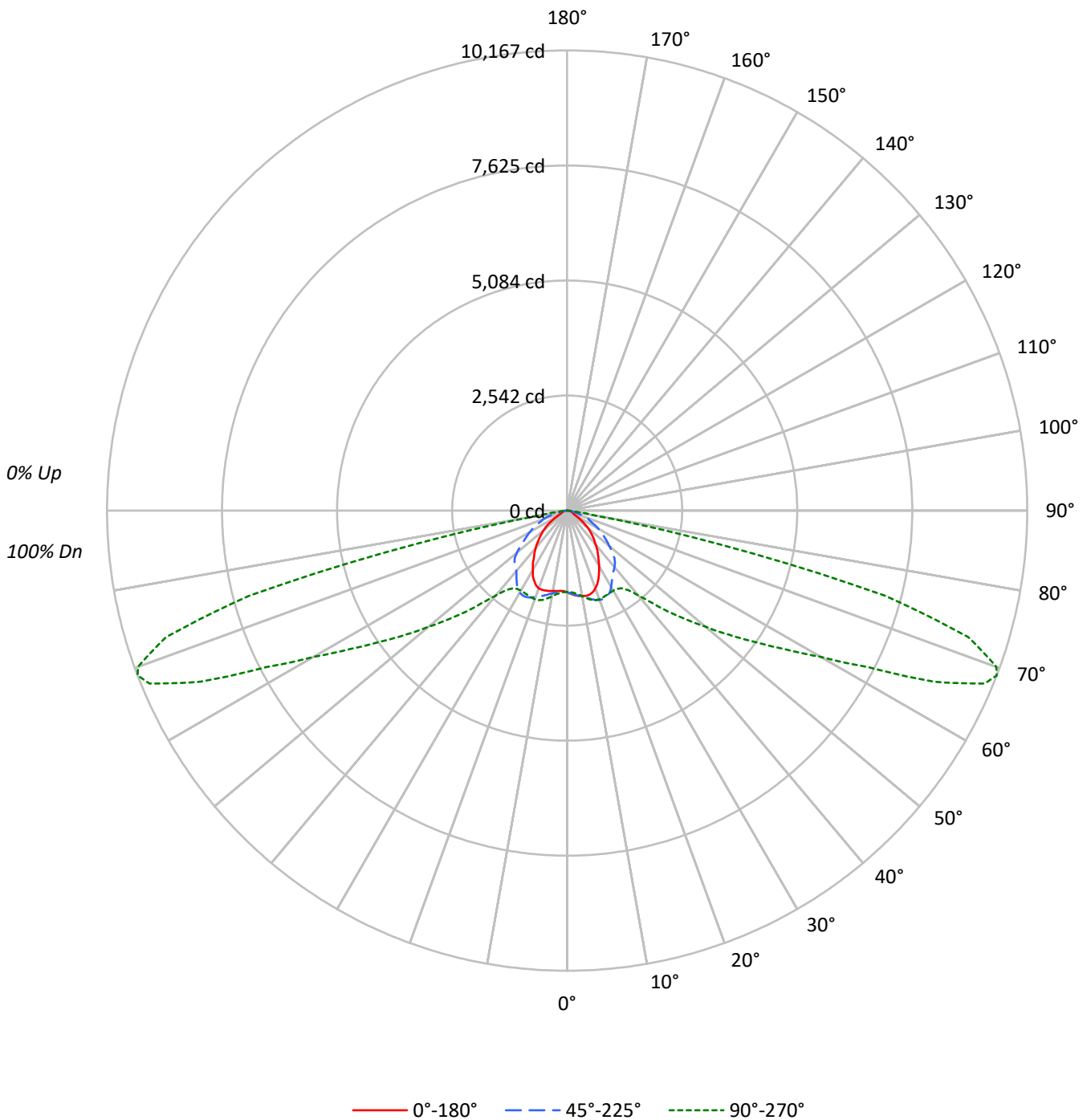
Input Watts (W): 75.2
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: TLM-E03-LED-E1-RW-7050

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°	38789	38789	38789
5°	40512	39492	38472
10°	41901	42034	39501
15°	42856	45486	40752
20°	41819	47743	41913
25°	39022	48918	40777
30°	35122	50785	37725
35°	31200	55040	33736
40°	27510	68486	30393
45°	24055	95969	26554
50°	20242	133785	22784
55°	14596	189866	17907
60°	8702	278023	10691
65°	7840	455524	7840
70°	8006	635273	8139
75°	8534	604606	8958
80°	8653	77856	9410
85°	5582	19513	7855



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.7	1.8
10°-20°	557.5	5.8
20°-30°	903.3	9.4
30°-40°	1125.7	11.7
40°-50°	1406.7	14.6
50°-60°	1737.0	18.1
60°-70°	2158.3	22.4
70°-80°	1432.8	14.9
80°-90°	118.3	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°	1637.6	17.0
0°-40°	2763.3	28.7
0°-60°	5907.0	61.4
0°-90°	9616.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	9616.5	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1802	1802	1802	1802	1802	
5°	1875	1863	1828	1799	1780	180
15°	1923	2021	2041	1940	1828	538
25°	1643	2092	2059	2112	1717	751
35°	1187	1748	2094	1946	1284	744
45°	790	1472	3152	1644	872	609
55°	389	996	5059	1168	477	347
65°	154	578	8942	735	154	155
75°	103	228	7269	296	108	107
85°	23	43	79	56	32	29
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°	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8
2.5°	1842.9	1849.0	1842.9	1842.9	1837.8	1832.6	1829.5	1822.4	1818.3	1816.2	1816.2
5°	1874.7	1873.7	1874.7	1874.7	1869.6	1863.4	1859.3	1853.1	1847.0	1846.0	1844.9
7.5°	1898.3	1897.3	1900.3	1906.5	1903.4	1898.3	1898.3	1892.1	1888.0	1888.0	1886.0
10°	1916.8	1917.8	1923.9	1933.2	1935.2	1934.2	1941.4	1939.3	1937.3	1939.3	1937.3
12.5°	1929.1	1930.1	1938.3	1955.8	1967.0	1974.2	1992.7	1993.7	1994.7	1994.7	1994.7
15°	1922.9	1922.9	1939.3	1972.2	1999.9	2021.4	2045.0	2049.1	2045.0	2048.1	2046.1
17.5°	1887.0	1889.1	1915.7	1966.0	2022.5	2069.7	2095.3	2088.1	2080.9	2080.9	2077.9
20°	1825.4	1829.5	1865.5	1936.3	2025.5	2100.4	2140.5	2116.9	2097.4	2094.3	2091.2
22.5°	1749.5	1746.4	1789.5	1878.8	2001.9	2113.8	2168.2	2139.4	2104.5	2097.4	2092.2
25°	1642.8	1644.8	1690.0	1789.5	1942.4	2092.2	2176.4	2162.0	2121.0	2111.7	2100.4
27.5°	1525.8	1530.9	1579.2	1680.8	1850.1	2038.9	2167.1	2184.6	2152.8	2142.5	2132.2
30°	1412.9	1416.0	1470.4	1579.2	1736.2	1944.5	2142.5	2209.2	2192.8	2184.6	2175.3
32.5°	1292.9	1303.2	1350.4	1473.5	1645.9	1840.8	2104.5	2234.9	2241.0	2235.9	2230.8
35°	1187.2	1195.4	1248.8	1378.1	1558.7	1748.5	2058.4	2262.6	2304.6	2303.6	2302.6
37.5°	1091.8	1093.8	1150.3	1281.6	1472.5	1683.8	2010.1	2307.7	2382.6	2392.9	2405.2
40°	978.9	989.2	1047.7	1189.3	1387.3	1628.4	1969.1	2368.3	2491.4	2514.0	2531.4
42.5°	888.6	888.6	940.9	1081.5	1286.7	1564.8	1954.7	2444.2	2620.7	2651.5	2682.2
45°	790.1	793.2	843.5	971.7	1171.8	1472.5	1952.7	2528.3	2765.4	2809.5	2847.4
47.5°	696.7	698.8	752.1	876.3	1052.8	1345.2	1927.0	2621.7	2917.2	2980.8	3022.9
50°	604.4	601.3	652.6	778.8	947.1	1213.9	1844.9	2742.8	3106.0	3169.6	3217.9
52.5°	490.5	498.7	554.1	674.2	843.5	1102.0	1677.7	2861.8	3301.0	3372.8	3438.5
55°	388.9	387.9	450.5	559.2	731.6	996.3	1479.6	2945.9	3490.8	3573.9	3646.8
57.5°	279.1	282.2	335.5	443.3	615.7	901.9	1329.8	2931.6	3637.5	3736.0	3828.4
60°	202.1	208.3	248.3	327.3	491.5	793.2	1225.2	2765.4	3738.1	3872.5	3984.4
62.5°	170.3	175.5	210.4	253.4	379.7	679.3	1123.6	2498.6	3868.4	4045.9	4208.1
65°	153.9	158.0	192.9	217.5	291.4	577.7	1060.0	2309.8	4039.8	4309.6	4531.3
67.5°	138.5	144.7	175.5	193.9	247.3	516.1	1041.5	2281.0	4072.6	4429.7	4744.7
69°	131.3	137.5	165.2	181.6	232.9	496.6	1006.6	2177.4	3858.2	4241.9	4594.9
70°	127.2	132.4	157.0	174.4	228.8	478.2	957.4	2025.5	3630.4	4017.2	4396.9
72.5°	117.0	120.1	140.6	158.0	210.4	367.3	725.5	1463.2	2709.9	3092.7	3465.2
75°	102.6	105.7	124.2	141.6	163.2	227.8	440.2	868.1	1663.3	1920.9	2294.4
77.5°	88.2	91.3	106.7	133.4	129.3	148.8	268.8	519.2	872.2	1000.5	1239.5
80°	69.8	73.9	89.3	128.3	107.7	118.0	197.0	383.8	530.5	583.9	646.4
82.5°	49.3	51.3	67.7	102.6	81.1	89.3	147.8	319.1	425.8	464.8	483.3
85°	22.6	23.6	40.0	60.5	48.2	43.1	79.0	204.2	282.2	293.5	309.9
87.5°	0.0	0.0	4.1	4.1	8.2	5.1	9.2	25.7	43.1	43.1	52.3
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):

	73°	74°	75°	76°	77°	78°	79°	80°	81°	82°	83°
0°	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8
2.5°	1817.2	1816.2	1817.2	1817.2	1818.3	1814.2	1813.1	1812.1	1811.1	1812.1	1810.0
5°	1844.9	1843.9	1843.9	1844.9	1843.9	1840.8	1839.8	1839.8	1836.7	1835.7	1835.7
7.5°	1887.0	1885.0	1881.9	1883.9	1885.0	1883.9	1885.0	1881.9	1881.9	1878.8	1879.8
10°	1939.3	1937.3	1936.3	1938.3	1939.3	1938.3	1939.3	1935.2	1934.2	1933.2	1931.1
12.5°	1996.8	1992.7	1995.8	1995.8	1996.8	2000.9	1995.8	1997.8	1993.7	1993.7	1992.7
15°	2047.1	2046.1	2048.1	2048.1	2047.1	2050.2	2049.1	2050.2	2045.0	2043.0	2048.1
17.5°	2078.9	2075.8	2076.8	2075.8	2075.8	2075.8	2077.9	2077.9	2074.8	2073.8	2075.8
20°	2087.1	2082.0	2080.9	2079.9	2077.9	2077.9	2078.9	2076.8	2074.8	2072.7	2074.8
22.5°	2085.0	2078.9	2072.7	2069.7	2066.6	2062.5	2061.4	2059.4	2056.3	2056.3	2057.3
25°	2092.2	2080.9	2071.7	2065.6	2057.3	2052.2	2048.1	2043.0	2037.8	2034.8	2035.8
27.5°	2116.9	2104.5	2092.2	2079.9	2067.6	2057.3	2049.1	2039.9	2031.7	2025.5	2022.5
30°	2163.0	2146.6	2132.2	2117.9	2102.5	2088.1	2074.8	2060.4	2045.0	2035.8	2027.6
32.5°	2216.4	2205.1	2195.9	2179.4	2163.0	2145.6	2129.2	2116.9	2094.3	2076.8	2062.5
35°	2297.5	2293.3	2288.2	2275.9	2257.4	2248.2	2234.9	2215.4	2188.7	2173.3	2151.7
37.5°	2409.3	2410.3	2406.2	2401.1	2403.1	2385.7	2377.5	2375.4	2348.8	2338.5	2306.7
40°	2546.8	2562.2	2575.5	2575.5	2585.8	2586.8	2584.8	2602.2	2582.7	2586.8	2553.0
42.5°	2699.7	2736.6	2757.1	2772.5	2806.4	2821.8	2847.4	2885.4	2887.5	2907.0	2909.0
45°	2880.3	2921.3	2960.3	3000.3	3045.5	3098.8	3152.2	3191.2	3252.8	3266.1	3310.2
47.5°	3068.1	3127.6	3172.7	3224.0	3301.0	3369.7	3448.7	3528.8	3599.6	3649.9	3678.6
50°	3275.3	3335.9	3401.5	3459.0	3541.1	3637.5	3747.3	3857.1	3948.5	4037.7	4109.6
52.5°	3505.2	3571.9	3633.4	3708.3	3791.5	3906.4	4026.4	4177.3	4299.4	4421.5	4509.7
55°	3725.8	3800.7	3857.1	3952.6	4038.8	4156.8	4305.5	4484.1	4653.4	4801.1	4921.2
57.5°	3917.7	3991.6	4070.6	4152.6	4257.3	4375.3	4558.0	4761.1	4954.0	5148.0	5325.5
60°	4097.2	4196.8	4283.0	4391.7	4496.4	4632.9	4850.4	5101.8	5365.5	5606.6	5784.2
62.5°	4368.1	4495.4	4597.0	4731.4	4877.1	5038.2	5278.3	5555.3	5899.1	6210.0	6486.0
65°	4746.8	4941.7	5105.9	5271.1	5448.6	5670.3	5929.9	6281.8	6661.5	7121.2	7485.4
67.5°	5016.6	5260.8	5473.2	5680.5	5884.7	6130.0	6451.1	6863.6	7355.1	7838.4	8301.2
69°	4907.9	5166.4	5402.4	5608.7	5824.2	6069.4	6382.4	6834.9	7335.6	7867.2	8325.8
70°	4679.0	4958.1	5210.6	5407.6	5628.2	5871.4	6217.2	6649.2	7160.2	7710.2	8159.6
72.5°	3762.7	4057.2	4306.6	4525.1	4756.0	5041.3	5349.1	5763.6	6330.0	6868.7	7268.9
75°	2591.9	2866.9	3149.1	3312.3	3577.0	3780.2	4072.6	4497.4	4970.5	5366.5	5737.0
77.5°	1466.3	1614.1	1827.5	1894.2	2084.0	2219.5	2374.4	2636.1	2882.3	3112.2	3178.9
80°	667.0	622.8	644.4	611.6	647.5	624.9	599.2	613.6	610.5	656.7	613.6
82.5°	480.2	414.5	344.8	297.6	261.7	221.6	188.8	169.3	167.3	175.5	172.4
85°	306.8	280.1	219.6	176.5	135.4	104.7	87.2	79.0	79.0	84.1	83.1
87.5°	53.4	46.2	28.7	24.6	21.5	14.4	9.2	9.2	8.2	10.3	13.3
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):

	84°	85°	86°	87°	88°	89°	90°	91°	92°	93°	94°
0°	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8
2.5°	1810.0	1809.0	1807.0	1805.9	1805.9	1803.9	1802.9	1804.9	1805.9	1807.0	1803.9
5°	1835.7	1832.6	1831.6	1832.6	1827.5	1828.5	1827.5	1828.5	1828.5	1828.5	1826.5
7.5°	1876.7	1873.7	1875.7	1873.7	1870.6	1869.6	1869.6	1866.5	1862.4	1861.4	1862.4
10°	1933.2	1929.1	1930.1	1931.1	1928.1	1926.0	1922.9	1918.8	1918.8	1917.8	1915.7
12.5°	1993.7	1991.7	1991.7	1992.7	1991.7	1987.6	1983.5	1981.4	1980.4	1980.4	1980.4
15°	2046.1	2045.0	2046.1	2045.0	2045.0	2043.0	2040.9	2037.8	2036.8	2037.8	2038.9
17.5°	2075.8	2072.7	2075.8	2076.8	2075.8	2075.8	2075.8	2073.8	2072.7	2072.7	2073.8
20°	2077.9	2075.8	2077.9	2080.9	2080.9	2082.0	2084.0	2085.0	2084.0	2086.1	2087.1
22.5°	2057.3	2057.3	2060.4	2063.5	2068.6	2070.7	2074.8	2076.8	2078.9	2082.0	2084.0
25°	2036.8	2035.8	2038.9	2045.0	2049.1	2054.3	2059.4	2063.5	2067.6	2071.7	2075.8
27.5°	2022.5	2021.4	2023.5	2028.6	2033.7	2039.9	2048.1	2054.3	2059.4	2064.5	2067.6
30°	2023.5	2019.4	2018.3	2022.5	2027.6	2034.8	2043.0	2050.2	2057.3	2061.4	2064.5
32.5°	2053.2	2043.0	2038.9	2037.8	2039.9	2045.0	2051.2	2058.4	2063.5	2067.6	2068.6
35°	2130.2	2110.7	2106.6	2093.3	2095.3	2094.3	2094.3	2098.4	2102.5	2102.5	2095.3
37.5°	2286.2	2258.5	2239.0	2225.6	2212.3	2211.3	2209.2	2207.2	2196.9	2190.7	2189.7
40°	2529.3	2518.1	2481.1	2470.9	2448.3	2432.9	2437.0	2428.8	2404.2	2394.9	2390.8
42.5°	2884.4	2890.5	2870.0	2821.8	2802.3	2772.5	2747.9	2743.8	2721.2	2702.8	2688.4
45°	3301.0	3312.3	3296.9	3262.0	3227.1	3182.0	3152.2	3094.7	3072.2	3043.4	3023.9
47.5°	3728.9	3759.7	3735.0	3704.2	3684.7	3613.9	3552.4	3485.7	3451.8	3410.8	3392.3
50°	4153.7	4208.1	4193.7	4165.0	4143.4	4054.1	3994.6	3902.3	3882.8	3841.7	3819.2
52.5°	4578.5	4631.8	4663.6	4637.0	4621.6	4549.8	4508.7	4434.8	4379.4	4353.8	4352.7
55°	5007.4	5093.6	5143.9	5134.6	5109.0	5099.7	5058.7	5051.5	5008.4	4980.7	4943.8
57.5°	5427.1	5518.4	5605.6	5656.9	5678.5	5671.3	5690.8	5688.7	5694.9	5691.8	5631.3
60°	5960.6	6105.3	6232.6	6313.6	6390.6	6443.9	6457.3	6536.3	6513.7	6563.0	6468.6
62.5°	6713.8	6901.6	7094.5	7179.7	7274.1	7447.5	7488.5	7581.9	7596.3	7608.6	7558.3
65°	7763.5	8009.8	8301.2	8431.5	8579.3	8801.9	8942.5	9042.0	9039.0	8971.2	8906.6
67.5°	8659.3	8950.7	9218.5	9445.3	9665.9	9839.3	9987.1	10121.5	10128.7	10086.6	9975.8
69°	8736.3	9041.0	9332.4	9605.4	9823.9	10016.8	10166.7	10271.3	10293.9	10256.9	10154.3
70°	8593.6	8901.5	9218.5	9480.2	9727.5	9931.7	10092.8	10193.3	10224.1	10186.1	10089.7
72.5°	7716.3	8014.9	8251.9	8559.8	8911.7	9040.0	9288.3	9370.4	9446.3	9396.0	9338.6
75°	6044.8	6325.9	6571.2	6731.3	6892.4	7209.4	7268.9	7422.8	7475.2	7425.9	7489.5
77.5°	3149.1	3338.9	3421.0	3292.8	3312.3	3562.6	3421.0	3587.3	3682.7	3710.4	3750.4
80°	602.3	633.1	656.7	648.5	656.7	675.2	628.0	602.3	636.2	629.0	629.0
82.5°	177.5	174.4	174.4	183.7	182.6	186.8	186.8	179.6	184.7	184.7	185.7
85°	81.1	77.0	75.9	77.0	75.9	75.9	79.0	79.0	85.2	80.0	81.1
87.5°	10.3	9.2	10.3	10.3	8.2	8.2	9.2	10.3	10.3	9.2	9.2
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):

	95°	96°	97°	98°	99°	100°	105°	115°	125°	135°	145°
0°	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8	1801.8
2.5°	1802.9	1801.8	1801.8	1801.8	1800.8	1799.8	1798.8	1795.7	1792.6	1791.6	1786.4
5°	1822.4	1823.4	1821.3	1819.3	1819.3	1819.3	1816.2	1808.0	1801.8	1798.8	1791.6
7.5°	1863.4	1861.4	1858.3	1857.3	1855.2	1856.2	1850.1	1839.8	1828.5	1821.3	1810.0
10°	1917.8	1915.7	1913.7	1911.6	1908.6	1908.6	1901.4	1886.0	1868.5	1856.2	1835.7
12.5°	1981.4	1979.4	1977.3	1976.3	1971.1	1970.1	1959.9	1941.4	1918.8	1895.2	1865.5
15°	2039.9	2036.8	2035.8	2032.7	2029.6	2028.6	2019.4	1994.7	1967.0	1940.4	1901.4
17.5°	2076.8	2074.8	2071.7	2069.7	2068.6	2067.6	2054.3	2033.7	2012.2	1985.5	1938.3
20°	2089.2	2090.2	2088.1	2086.1	2083.0	2080.9	2068.6	2049.1	2045.0	2030.7	1982.4
22.5°	2087.1	2087.1	2086.1	2082.0	2079.9	2074.8	2057.3	2048.1	2070.7	2076.8	2015.3
25°	2078.9	2077.9	2074.8	2071.7	2065.6	2058.4	2031.7	2036.8	2100.4	2111.7	2022.5
27.5°	2069.7	2068.6	2063.5	2056.3	2047.1	2036.8	2003.0	2036.8	2128.1	2118.9	1992.7
30°	2064.5	2060.4	2053.2	2043.0	2030.7	2019.4	1982.4	2063.5	2147.6	2094.3	1910.6
32.5°	2065.6	2058.4	2048.1	2034.8	2020.4	2007.1	1981.4	2110.7	2154.8	2034.8	1794.7
35°	2090.2	2078.9	2065.6	2052.2	2037.8	2025.5	2027.6	2176.4	2153.8	1945.5	1682.8
37.5°	2179.4	2160.0	2150.7	2136.4	2115.8	2105.6	2146.6	2249.2	2139.4	1836.7	1584.3
40°	2376.5	2360.0	2346.7	2309.8	2316.9	2308.7	2347.7	2348.8	2121.0	1745.4	1502.2
42.5°	2663.8	2663.8	2635.0	2629.9	2610.4	2619.6	2637.1	2465.7	2102.5	1691.0	1421.2
45°	3002.4	3028.0	3016.8	3013.7	3029.1	3047.5	2967.5	2604.3	2103.5	1643.8	1326.8
47.5°	3404.6	3426.2	3437.5	3455.9	3475.4	3464.1	3298.9	2750.0	2122.0	1576.1	1205.7
50°	3832.5	3884.8	3901.3	3924.9	3942.3	3945.4	3612.9	2899.8	2141.5	1451.9	1074.3
52.5°	4363.0	4412.3	4429.7	4446.1	4432.8	4421.5	3920.7	3077.3	2126.1	1304.2	962.5
55°	4986.9	4996.1	4993.0	4972.5	4961.2	4899.7	4206.0	3266.1	2006.0	1167.7	855.8
57.5°	5636.4	5640.5	5603.6	5531.7	5448.6	5390.1	4480.0	3422.1	1751.6	1057.9	750.1
60°	6472.7	6388.5	6325.9	6216.1	6080.7	5955.5	4773.4	3509.3	1508.4	952.2	631.1
62.5°	7482.4	7314.1	7178.6	7067.8	6867.7	6647.1	5148.0	3520.6	1360.6	851.7	495.6
65°	8789.6	8612.1	8381.2	8191.4	7974.9	7677.3	5752.3	3439.5	1287.8	734.7	362.2
67.5°	9818.8	9639.2	9380.7	9168.3	8889.2	8542.3	6253.1	3297.9	1270.3	629.0	285.3
69°	9998.4	9802.4	9569.5	9303.7	9007.2	8636.7	6272.6	3133.7	1243.6	589.0	261.7
70°	9932.7	9728.5	9503.8	9221.6	8889.2	8508.5	6124.8	2951.1	1190.3	566.4	253.4
72.5°	9196.0	8885.0	8659.3	8418.2	8013.9	7628.1	5273.2	2232.8	926.6	477.1	237.0
75°	7362.3	7096.5	6842.1	6722.0	6386.5	6059.2	3958.7	1418.1	605.4	296.5	185.7
77.5°	3753.5	3705.3	3778.1	3723.7	3481.6	3481.6	2443.2	753.2	356.1	178.5	141.6
80°	674.2	702.9	689.5	718.3	668.0	741.9	858.9	505.9	252.4	136.5	115.9
82.5°	188.8	190.9	188.8	189.8	196.0	206.2	446.4	435.1	195.0	102.6	90.3
85°	88.2	89.3	91.3	91.3	99.5	101.6	299.6	311.9	113.9	56.4	60.5
87.5°	10.3	13.3	13.3	12.3	14.4	14.4	55.4	62.6	15.4	11.3	18.5
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: P148951

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CANDELA DISTRIBUTION (continued):

	155°	165°	175°	180°
0°	1801.8	1801.8	1801.8	1801.8
2.5°	1782.3	1778.2	1774.1	1777.2
5°	1788.5	1782.3	1777.2	1780.3
7.5°	1804.9	1794.7	1793.6	1793.6
10°	1825.4	1811.1	1807.0	1807.0
12.5°	1847.0	1827.5	1820.3	1820.3
15°	1869.6	1841.9	1831.6	1828.5
17.5°	1895.2	1856.2	1837.8	1837.8
20°	1919.8	1858.3	1830.6	1829.5
22.5°	1923.9	1834.7	1794.7	1792.6
25°	1893.2	1779.3	1726.9	1716.7
27.5°	1820.3	1693.1	1637.7	1635.6
30°	1710.5	1580.2	1523.8	1517.6
32.5°	1602.8	1464.3	1411.9	1411.9
35°	1494.0	1358.6	1290.8	1283.7
37.5°	1393.5	1246.7	1186.2	1185.2
40°	1301.1	1149.2	1090.8	1081.5
42.5°	1208.8	1046.6	979.9	977.9
45°	1099.0	934.8	877.3	872.2
47.5°	982.0	834.2	773.7	772.7
50°	876.3	740.8	680.3	680.3
52.5°	779.8	649.5	589.0	582.8
55°	671.1	545.9	484.3	477.1
57.5°	553.1	429.9	374.5	359.1
60°	427.9	313.0	256.5	248.3
62.5°	311.9	228.8	186.8	180.6
65°	235.0	195.0	160.1	153.9
67.5°	202.1	175.5	145.7	139.6
69°	187.8	166.2	139.6	133.4
70°	181.6	160.1	134.4	129.3
72.5°	167.3	146.7	123.1	121.1
75°	152.9	133.4	110.8	107.7
77.5°	147.8	115.9	95.4	93.4
80°	150.8	94.4	78.0	75.9
82.5°	123.1	75.9	60.5	57.5
85°	77.0	51.3	31.8	31.8
87.5°	19.5	16.4	9.2	9.2
90°	0.0	0.0	0.0	0.0

(END OF REPORT)