

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: P154568

Luminaire Tested: **TLM-E05-LED-E1-T2-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-41-14
Report Number: P154568
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-E05-LED-E1-T2-8030
Description: TALON MEDIUM LED SITE LUMINAIRE
(5) LIGHTBARS WITH AccuLED OPTICS - TYPE 2
Light Source: (105) 3000K CCT, 80 CRI LEDs
Ballast/Driver: -

Summary

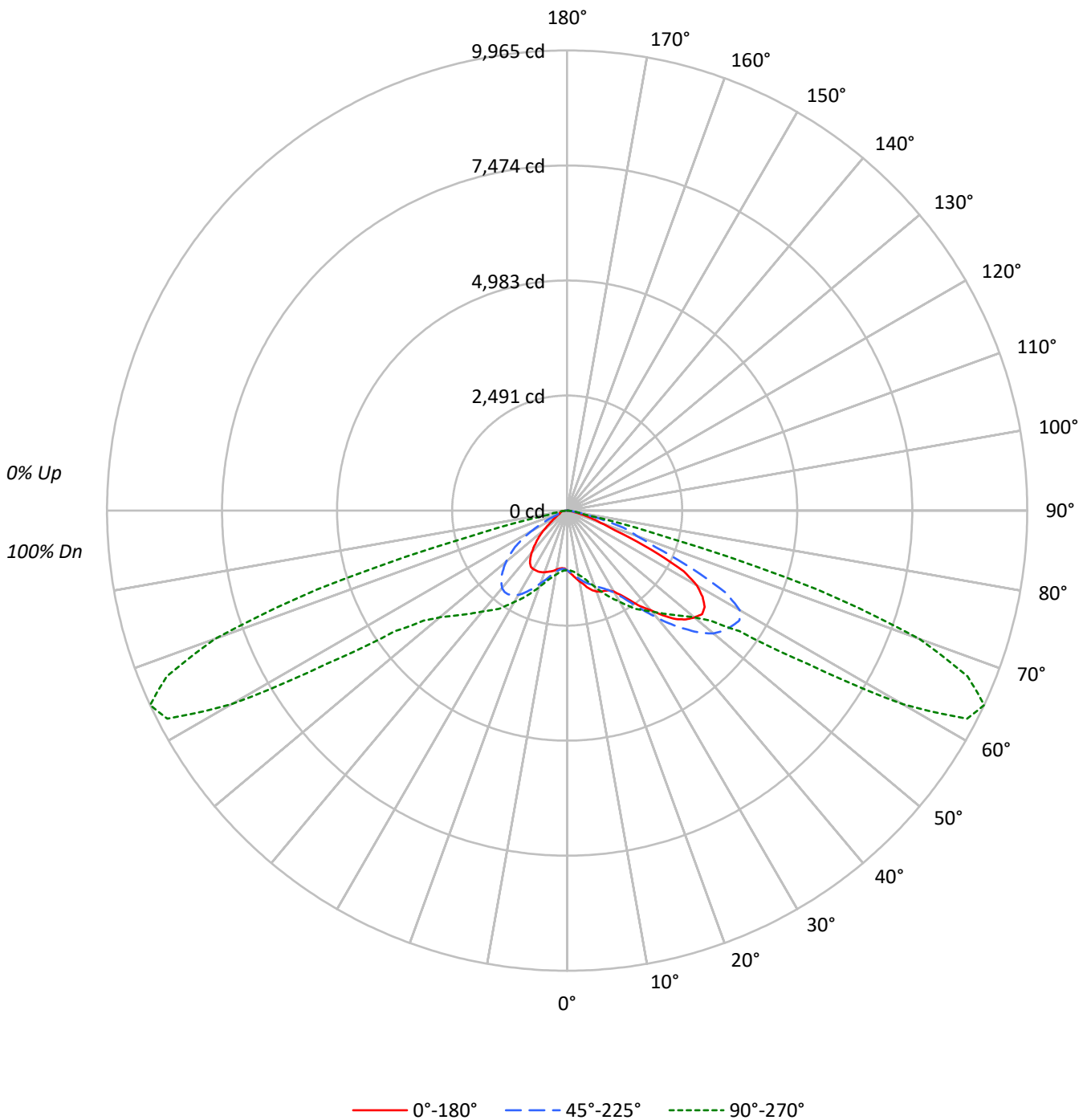
Lumens per Lamp: N/A
Luminaire Lumens: 12929.3 lumens
Efficiency: N/A
Efficacy: 101.6 lumens/watt
Spacing Criteria (0/90/45): 2.21 / 4.51 / 2.52
Luminous Opening: Rectangular (W 0.83' x L: 1' x H: 0')
CIE Type: Direct

Input Watts (W): 127.3
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	107	101	96	91	104	98	94	90	94	90	87	90	87	84	86	84	81
2	94	84	76	69	91	82	75	68	78	72	66	75	70	65	72	67	63
3	84	71	61	53	81	69	60	53	66	58	51	63	56	50	60	54	50
4	75	60	50	42	72	59	49	41	56	48	41	54	46	40	51	45	39
5	67	52	42	34	65	51	41	33	49	40	33	46	39	33	44	38	32
6	61	46	35	28	59	45	35	27	43	34	27	41	33	27	39	32	27
7	56	40	30	23	54	40	30	23	38	29	23	36	28	23	35	28	22
8	52	36	26	20	50	35	26	20	34	26	19	33	25	19	31	24	19
9	48	33	23	17	46	32	23	17	31	23	17	30	22	17	28	22	17
10	45	30	21	15	43	29	21	15	28	20	15	27	20	15	26	19	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°
0°	16764	16764	16764
5°	18331	17176	16297
10°	20506	18580	17023
15°	23230	20755	18300
20°	25761	24305	19607
25°	27435	28883	20893
30°	30291	34146	21907
35°	37502	41199	22202
40°	47603	48318	20217
45°	60961	58460	17053
50°	72624	72426	13310
55°	82215	102950	9478
60°	84169	217483	7444
65°	61897	305779	6260
70°	29390	307648	6188
75°	15999	114253	7541
80°	7565	18282	9664
85°	3556	11309	11309



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.4	1.0
10°-20°	444.6	3.4
20°-30°	873.5	6.8
30°-40°	1451.4	11.2
40°-50°	2132.7	16.5
50°-60°	2952.7	22.8
60°-70°	3524.3	27.3
70°-80°	1246.4	9.6
80°-90°	174.2	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°	1447.6	11.2
0°-40°	2899.0	22.4
0°-60°	7984.5	61.8
0°-90°	12929.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12929.3	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	1293	1293	1293	1293	1293	
5°	1408	1381	1319	1269	1252	139
15°	1730	1622	1546	1484	1363	492
25°	1917	1860	2018	1898	1460	894
35°	2369	2449	2602	2217	1402	1514
45°	3324	3628	3188	2009	930	2544
55°	3636	4359	4553	1373	419	3186
65°	2017	3006	9965	425	204	1967
75°	319	904	2280	170	150	394
85°	24	49	76	129	76	34
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°	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7
2.5°	1349.0	1350.4	1347.6	1346.2	1341.9	1334.9	1329.3	1323.7	1323.7	1323.7	1319.4
5°	1408.1	1410.9	1405.2	1401.0	1388.4	1381.3	1371.5	1364.5	1361.6	1360.2	1356.0
7.5°	1482.6	1478.4	1470.0	1467.1	1457.3	1441.8	1423.5	1409.5	1409.5	1408.1	1409.5
10°	1557.2	1545.9	1541.7	1537.5	1522.0	1502.3	1481.2	1465.7	1464.3	1462.9	1458.7
12.5°	1631.7	1627.5	1623.3	1607.8	1592.3	1561.4	1537.5	1522.0	1520.6	1522.0	1516.4
15°	1730.2	1720.3	1716.1	1689.4	1655.6	1621.9	1592.3	1578.3	1574.0	1575.4	1571.2
17.5°	1806.1	1806.1	1796.3	1766.8	1723.1	1676.7	1645.8	1637.3	1635.9	1635.9	1637.3
20°	1866.6	1865.2	1855.4	1831.5	1779.4	1733.0	1717.5	1714.7	1713.3	1713.3	1717.5
22.5°	1900.4	1897.6	1893.4	1866.6	1825.8	1794.9	1796.3	1804.7	1807.5	1810.4	1816.0
25°	1917.3	1913.0	1911.6	1893.4	1863.8	1859.6	1884.9	1907.4	1913.0	1918.7	1925.7
27.5°	1945.4	1938.4	1941.2	1934.1	1927.1	1939.8	1991.8	2015.7	2020.0	2027.0	2031.2
30°	2022.8	2020.0	2031.2	2034.0	2039.6	2057.9	2105.8	2128.3	2138.1	2138.1	2157.8
32.5°	2170.5	2171.9	2174.7	2204.2	2214.1	2226.7	2252.0	2270.3	2271.7	2273.1	2291.4
35°	2368.8	2377.2	2401.2	2426.5	2450.4	2449.0	2433.5	2443.4	2436.3	2444.8	2446.2
37.5°	2619.2	2607.9	2643.1	2700.8	2737.3	2727.5	2658.6	2613.6	2626.2	2620.6	2616.4
40°	2811.9	2824.6	2892.1	2968.0	2996.2	3027.1	2937.1	2859.7	2848.5	2827.4	2814.7
42.5°	3077.8	3079.2	3134.0	3190.3	3271.9	3339.4	3281.7	3170.6	3136.8	3111.5	3056.7
45°	3323.9	3319.7	3364.7	3433.6	3530.7	3627.8	3648.9	3527.9	3515.2	3470.2	3398.5
47.5°	3488.5	3482.9	3513.8	3603.8	3761.4	3920.3	4007.6	3971.0	3947.1	3928.8	3816.2
50°	3599.6	3588.4	3623.5	3719.2	3895.0	4139.8	4367.7	4398.6	4388.8	4388.8	4317.0
52.5°	3682.6	3682.6	3707.9	3785.3	3963.9	4269.2	4677.1	4833.3	4845.9	4860.0	4855.8
55°	3636.2	3643.2	3706.5	3819.1	4007.6	4359.2	4933.1	5274.9	5345.3	5404.4	5471.9
57.5°	3477.2	3501.2	3585.6	3769.8	4018.8	4426.7	5217.3	5893.9	6092.2	6263.8	6531.1
60°	3245.1	3276.1	3398.5	3633.4	3935.8	4317.0	5317.1	6417.1	6732.2	7106.4	7804.1
62.5°	2847.1	2878.0	2997.6	3232.5	3491.3	3896.4	4903.6	6494.5	6998.1	7528.4	8583.4
65°	2017.1	1967.9	2105.8	2316.8	2613.6	3006.0	3962.5	5975.5	6699.9	7418.7	8721.2
67.5°	1123.9	1119.7	1204.1	1361.6	1645.8	2067.8	2730.3	4582.9	5249.6	6064.1	7663.4
70°	775.1	783.5	837.0	1007.2	1242.1	1606.4	1945.4	2878.0	3357.7	3910.5	5483.1
72.5°	544.4	562.7	592.2	693.5	934.0	1353.2	1987.6	1720.3	1959.5	2336.4	3297.2
75°	319.3	332.0	353.1	402.3	531.7	904.5	2057.9	1512.2	1512.2	1600.8	1994.6
77.5°	196.9	196.9	209.6	229.3	282.7	443.1	1465.7	1699.2	1651.4	1600.8	1605.0
80°	101.3	108.3	126.6	136.4	157.5	202.6	658.3	1585.3	1738.6	1841.3	1769.6
82.5°	46.4	52.0	77.4	83.0	91.4	106.9	226.5	901.7	1208.3	1590.9	1987.6
85°	23.9	23.9	40.8	50.6	54.9	49.2	83.0	364.3	551.4	841.2	1316.6
87.5°	4.2	4.2	7.0	8.4	12.7	11.3	14.1	21.1	35.2	38.0	39.4
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°	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7
2.5°	1318.0	1319.4	1318.0	1316.6	1313.8	1313.8	1313.8	1312.4	1312.4	1312.4	1311.0
5°	1356.0	1350.4	1351.8	1349.0	1347.6	1346.2	1347.6	1344.8	1341.9	1343.4	1341.9
7.5°	1403.8	1401.0	1395.4	1395.4	1394.0	1391.2	1391.2	1387.0	1385.6	1382.7	1381.3
10°	1457.3	1450.3	1453.1	1450.3	1451.7	1446.0	1443.2	1440.4	1437.6	1437.6	1439.0
12.5°	1512.2	1510.7	1506.5	1503.7	1503.7	1499.5	1500.9	1499.5	1495.3	1493.9	1489.6
15°	1568.4	1568.4	1564.2	1565.6	1564.2	1561.4	1558.6	1558.6	1555.8	1552.9	1554.3
17.5°	1634.5	1634.5	1634.5	1634.5	1635.9	1631.7	1633.1	1630.3	1627.5	1633.1	1633.1
20°	1720.3	1726.0	1726.0	1724.6	1731.6	1727.4	1726.0	1733.0	1726.0	1735.8	1734.4
22.5°	1818.8	1824.4	1824.4	1830.1	1831.5	1835.7	1838.5	1835.7	1841.3	1846.9	1846.9
25°	1928.5	1934.1	1938.4	1946.8	1951.0	1948.2	1949.6	1956.7	1959.5	1965.1	1970.7
27.5°	2043.9	2045.3	2050.9	2060.7	2067.8	2070.6	2072.0	2083.3	2084.7	2087.5	2093.1
30°	2156.4	2170.5	2167.7	2180.3	2184.5	2188.7	2197.2	2201.4	2211.3	2216.9	2216.9
32.5°	2288.6	2285.8	2297.1	2306.9	2313.9	2321.0	2328.0	2333.6	2339.3	2342.1	2356.1
35°	2453.2	2458.8	2458.8	2460.2	2477.1	2478.5	2484.1	2496.8	2501.0	2509.5	2515.1
37.5°	2616.4	2606.5	2605.1	2605.1	2599.5	2603.7	2605.1	2606.5	2612.2	2613.6	2619.2
40°	2799.2	2786.6	2775.3	2768.3	2757.0	2741.6	2738.8	2731.7	2735.9	2734.5	2735.9
42.5°	3049.6	3014.5	2987.7	2968.0	2945.5	2928.6	2916.0	2897.7	2885.0	2869.6	2866.8
45°	3368.9	3302.8	3257.8	3225.5	3193.1	3146.7	3120.0	3091.8	3066.5	3041.2	3020.1
47.5°	3788.1	3717.8	3646.0	3587.0	3536.3	3461.8	3385.8	3343.6	3294.4	3250.8	3219.8
50°	4281.8	4197.4	4163.7	4080.7	4017.4	3904.9	3810.6	3741.7	3643.2	3577.1	3519.4
52.5°	4786.8	4765.7	4747.4	4677.1	4602.6	4537.9	4454.9	4333.9	4234.0	4158.1	4039.9
55°	5474.7	5484.5	5477.5	5439.5	5412.8	5350.9	5317.1	5211.6	5166.6	5056.9	4933.1
57.5°	6632.4	6711.1	6811.0	6850.4	6903.8	6853.2	6912.3	6984.0	6805.4	6867.3	6756.1
60°	8110.8	8472.3	8687.5	8951.9	9124.9	9366.9	9410.5	9473.8	9455.5	9490.7	9562.4
62.5°	9013.8	9442.9	9855.0	10154.6	10475.3	10652.6	10866.4	11015.5	11170.2	11274.3	11244.8
65°	9279.7	9721.4	10095.5	10423.3	10710.2	10926.9	11125.2	11312.3	11454.4	11554.2	11613.3
67.5°	8303.5	8880.2	9274.1	9658.1	10028.0	10255.9	10421.9	10603.3	10811.5	10984.5	11018.3
70°	6248.3	7113.4	7671.9	8131.9	8566.5	8873.2	9105.3	9274.1	9435.8	9559.6	9694.6
72.5°	3907.7	4664.5	5303.1	5899.5	6360.9	6782.9	6978.4	7352.6	7303.3	7397.6	7498.9
75°	2342.1	2710.6	3062.3	3482.9	3724.8	4076.5	4139.8	4201.7	4169.3	4063.8	4142.6
77.5°	1627.5	1688.0	1685.2	1661.3	1635.9	1574.0	1493.9	1450.3	1420.7	1378.5	1395.4
80°	1637.3	1506.5	1306.8	1098.6	907.3	780.7	730.1	730.1	782.1	856.7	931.2
82.5°	1956.7	1817.4	1620.5	1356.0	1074.7	874.9	741.3	687.9	697.7	773.7	869.3
85°	1319.4	1350.4	1184.4	1083.1	858.1	668.2	559.8	454.3	402.3	415.0	469.8
87.5°	47.8	57.7	21.1	28.1	19.7	16.9	16.9	18.3	12.7	15.5	14.1
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°	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7
2.5°	1309.6	1308.2	1308.2	1305.4	1305.4	1304.0	1304.0	1302.6	1301.2	1301.2	1299.7
5°	1340.5	1339.1	1336.3	1334.9	1332.1	1332.1	1330.7	1327.9	1327.9	1325.1	1323.7
7.5°	1384.1	1381.3	1378.5	1377.1	1375.7	1371.5	1371.5	1368.7	1368.7	1365.9	1364.5
10°	1436.2	1433.4	1430.6	1432.0	1427.8	1426.3	1423.5	1423.5	1419.3	1417.9	1417.9
12.5°	1492.5	1491.1	1491.1	1486.8	1485.4	1484.0	1478.4	1478.4	1478.4	1475.6	1477.0
15°	1552.9	1554.3	1550.1	1554.3	1552.9	1548.7	1548.7	1548.7	1543.1	1550.1	1544.5
17.5°	1634.5	1638.7	1635.9	1637.3	1634.5	1634.5	1635.9	1634.5	1637.3	1637.3	1645.8
20°	1735.8	1737.2	1744.2	1741.4	1741.4	1740.0	1742.8	1744.2	1749.9	1747.1	1752.7
22.5°	1846.9	1854.0	1855.4	1861.0	1861.0	1859.6	1862.4	1868.0	1870.8	1875.1	1873.7
25°	1973.5	1977.8	1983.4	1976.3	1987.6	1987.6	1990.4	1997.4	1998.9	1998.9	2008.7
27.5°	2091.7	2102.9	2104.4	2111.4	2107.2	2110.0	2119.8	2124.0	2129.7	2129.7	2132.5
30°	2225.3	2229.5	2232.4	2240.8	2239.4	2240.8	2242.2	2249.2	2249.2	2256.3	2263.3
32.5°	2363.2	2366.0	2368.8	2377.2	2380.1	2385.7	2382.9	2388.5	2395.5	2396.9	2401.2
35°	2527.8	2530.6	2533.4	2546.0	2547.4	2557.3	2560.1	2557.3	2568.5	2561.5	2568.5
37.5°	2623.4	2636.1	2638.9	2647.3	2644.5	2651.5	2655.8	2661.4	2664.2	2669.8	2681.1
40°	2740.2	2744.4	2752.8	2757.0	2762.7	2764.1	2769.7	2773.9	2778.1	2790.8	2803.5
42.5°	2859.7	2865.3	2869.6	2875.2	2882.2	2887.9	2892.1	2904.7	2907.5	2916.0	2939.9
45°	3004.6	3001.8	3003.2	3004.6	3007.4	3014.5	3027.1	3039.8	3048.2	3067.9	3087.6
47.5°	3184.7	3166.4	3159.3	3148.1	3150.9	3166.4	3169.2	3190.3	3207.2	3225.5	3249.4
50°	3457.5	3408.3	3378.8	3349.2	3346.4	3354.9	3366.1	3388.6	3408.3	3432.2	3466.0
52.5°	3916.1	3821.9	3762.8	3681.2	3658.7	3654.5	3646.0	3658.7	3664.3	3696.7	3760.0
55°	4844.5	4670.1	4557.6	4431.0	4312.8	4277.6	4210.1	4224.2	4210.1	4229.8	4324.0
57.5°	6782.9	6643.6	6533.9	6372.1	6169.6	5954.4	5900.9	5680.1	5723.7	5850.3	5768.7
60°	9597.6	9546.9	9468.2	9390.8	9113.7	8957.6	8703.0	8674.8	8496.2	8497.6	8380.8
62.5°	11173.0	11237.7	11189.9	11167.4	11151.9	11102.7	10976.1	10824.2	10596.3	10431.7	10189.8
65°	11623.2	11568.3	11516.3	11509.2	11505.0	11585.2	11603.5	11496.6	11289.8	11033.8	10755.3
67.5°	11098.5	11067.5	11070.3	11011.3	11047.8	11187.1	11284.2	11254.6	11064.7	10755.3	10400.8
70°	9849.4	9788.9	9850.8	9928.1	9983.0	10063.2	10160.2	10184.2	10011.1	9693.2	9331.7
72.5°	7375.1	7384.9	7444.0	7465.1	7685.9	7663.4	7750.7	7466.5	7341.3	7038.9	6853.2
75°	3881.0	3817.7	3982.2	3633.4	3489.9	3589.8	3309.9	3041.2	3097.4	3143.9	2809.1
77.5°	1371.5	1282.9	1132.4	1071.9	891.8	755.4	617.5	557.0	524.7	507.8	486.7
80°	984.7	1012.8	981.8	908.7	772.3	618.9	488.1	385.4	330.6	301.0	281.3
82.5°	995.9	1107.0	1156.3	1135.2	1011.4	765.2	505.0	322.1	239.1	199.7	185.7
85°	534.5	585.2	562.7	474.0	426.2	254.6	174.4	116.8	98.5	90.0	83.0
87.5°	21.1	16.9	14.1	14.1	15.5	16.9	14.1	15.5	14.1	14.1	14.1
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°	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7	1292.7
2.5°	1296.9	1296.9	1296.9	1295.5	1292.7	1285.7	1278.6	1273.0	1268.8	1264.6	1259.0
5°	1322.3	1319.4	1319.4	1319.4	1308.2	1296.9	1287.1	1277.2	1268.8	1261.8	1256.1
7.5°	1364.5	1363.0	1357.4	1356.0	1347.6	1329.3	1318.0	1301.2	1291.3	1281.5	1278.6
10°	1415.1	1413.7	1412.3	1410.9	1399.6	1381.3	1367.3	1351.8	1337.7	1323.7	1309.6
12.5°	1474.2	1472.8	1471.4	1467.1	1462.9	1453.1	1437.6	1420.7	1403.8	1374.3	1358.8
15°	1547.3	1550.1	1547.3	1545.9	1543.1	1544.5	1534.7	1510.7	1484.0	1446.0	1413.7
17.5°	1644.4	1641.6	1640.2	1645.8	1644.4	1651.4	1648.6	1617.6	1576.9	1516.4	1460.1
20°	1751.3	1751.3	1756.9	1761.1	1773.8	1792.1	1783.6	1745.7	1671.1	1586.7	1513.6
22.5°	1879.3	1882.1	1887.7	1884.9	1904.6	1934.1	1937.0	1883.5	1786.4	1669.7	1567.0
25°	2012.9	2015.7	2010.1	2018.5	2050.9	2093.1	2101.5	2025.6	1897.6	1745.7	1612.0
27.5°	2139.5	2142.3	2142.3	2153.6	2184.5	2256.3	2264.7	2180.3	2010.1	1811.8	1644.4
30°	2263.3	2274.6	2277.4	2280.2	2326.6	2426.5	2444.8	2322.4	2108.6	1861.0	1666.9
32.5°	2419.4	2423.7	2429.3	2436.3	2489.8	2612.2	2612.2	2444.8	2171.9	1891.9	1671.1
35°	2586.8	2588.2	2600.9	2602.3	2678.3	2800.6	2776.7	2546.0	2216.9	1884.9	1640.2
37.5°	2688.1	2693.7	2706.4	2723.3	2803.5	2976.5	2921.6	2633.3	2225.3	1838.5	1569.8
40°	2813.3	2824.6	2837.2	2854.1	2973.7	3155.1	3044.0	2688.1	2190.2	1747.1	1464.3
42.5°	2948.3	2963.8	2983.5	3014.5	3156.5	3312.7	3136.8	2696.6	2110.0	1644.4	1339.1
45°	3100.3	3128.4	3150.9	3187.5	3347.8	3449.1	3193.1	2647.3	2008.7	1509.3	1205.5
47.5°	3276.1	3298.6	3338.0	3377.4	3537.7	3541.9	3198.7	2551.7	1870.8	1374.3	1063.4
50°	3492.7	3506.8	3565.9	3589.8	3740.3	3639.0	3157.9	2422.3	1726.0	1222.4	905.9
52.5°	3781.1	3800.8	3876.7	3913.3	4020.2	3771.2	3100.3	2281.6	1560.0	1052.2	744.1
55°	4350.8	4436.6	4490.0	4553.3	4622.3	4070.8	3074.9	2131.1	1372.9	855.2	589.4
57.5°	5950.1	5922.0	6040.2	6183.6	6182.2	4755.9	3226.9	2001.7	1152.0	654.1	452.9
60°	8333.0	8359.7	8299.2	8385.0	8112.2	5605.5	3435.0	1865.2	903.1	486.7	346.0
62.5°	10104.0	9949.2	9863.4	9762.2	9161.5	5698.3	3283.1	1585.3	656.9	341.8	265.9
65°	10523.2	10341.7	10157.4	9964.7	9058.8	5137.1	2693.7	1163.3	424.8	234.9	211.0
67.5°	10109.6	9818.4	9583.5	9385.2	8300.7	4257.9	1969.3	714.6	243.4	189.9	180.1
70°	9037.7	8715.6	8335.8	8113.6	6989.7	3138.2	1261.8	385.4	187.1	168.8	164.6
72.5°	6615.5	6351.0	5936.1	5681.5	5018.9	1907.4	704.7	216.6	174.4	161.8	156.1
75°	2577.0	2439.1	2266.1	2280.2	2035.4	844.0	319.3	187.1	170.2	159.0	153.3
77.5°	443.1	431.8	399.5	399.5	454.3	308.1	212.4	188.5	168.8	156.1	146.3
80°	265.9	260.2	247.6	244.8	236.3	216.6	204.0	191.3	166.0	147.7	135.0
82.5°	174.4	167.4	163.2	161.8	175.8	189.9	191.3	189.9	157.5	128.0	109.7
85°	74.6	74.6	74.6	76.0	101.3	153.3	157.5	168.8	129.4	99.9	78.8
87.5°	12.7	15.5	15.5	16.9	18.3	33.8	42.2	54.9	43.6	42.2	38.0
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: P154568

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CANDELA DISTRIBUTION (continued):

	165°	175°	180°
0°	1292.7	1292.7	1292.7
2.5°	1257.5	1254.7	1254.7
5°	1253.3	1250.5	1251.9
7.5°	1270.2	1264.6	1266.0
10°	1301.2	1295.5	1292.7
12.5°	1340.5	1333.5	1333.5
15°	1381.3	1364.5	1363.0
17.5°	1415.1	1394.0	1391.2
20°	1453.1	1424.9	1420.7
22.5°	1488.2	1450.3	1444.6
25°	1513.6	1467.1	1460.1
27.5°	1524.8	1470.0	1464.3
30°	1533.3	1471.4	1462.9
32.5°	1524.8	1458.7	1451.7
35°	1478.4	1406.7	1402.4
37.5°	1398.2	1318.0	1312.4
40°	1292.7	1208.3	1194.2
42.5°	1157.7	1078.9	1063.4
45°	1026.9	936.8	929.8
47.5°	886.2	800.4	804.6
50°	738.5	661.1	659.7
52.5°	597.8	530.3	526.1
55°	471.2	423.4	419.2
57.5°	372.8	347.4	343.2
60°	303.8	291.2	287.0
62.5°	244.8	240.5	239.1
65°	204.0	204.0	204.0
67.5°	177.2	178.6	178.6
70°	163.2	164.6	163.2
72.5°	157.5	161.8	161.8
75°	153.3	156.1	150.5
77.5°	150.5	151.9	142.1
80°	149.1	147.7	129.4
82.5°	129.4	125.2	109.7
85°	118.2	90.0	76.0
87.5°	60.5	42.2	32.4
90°	0.0	0.0	0.0

(END OF REPORT)