

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P947593

Luminaire Tested: **GALN-SB2D-927-U-SLR**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P947593
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB2D-927-U-SLR
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 90 CRI, 2700K, 900mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12343 lumens
Efficiency: N/A
Efficacy: 83.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

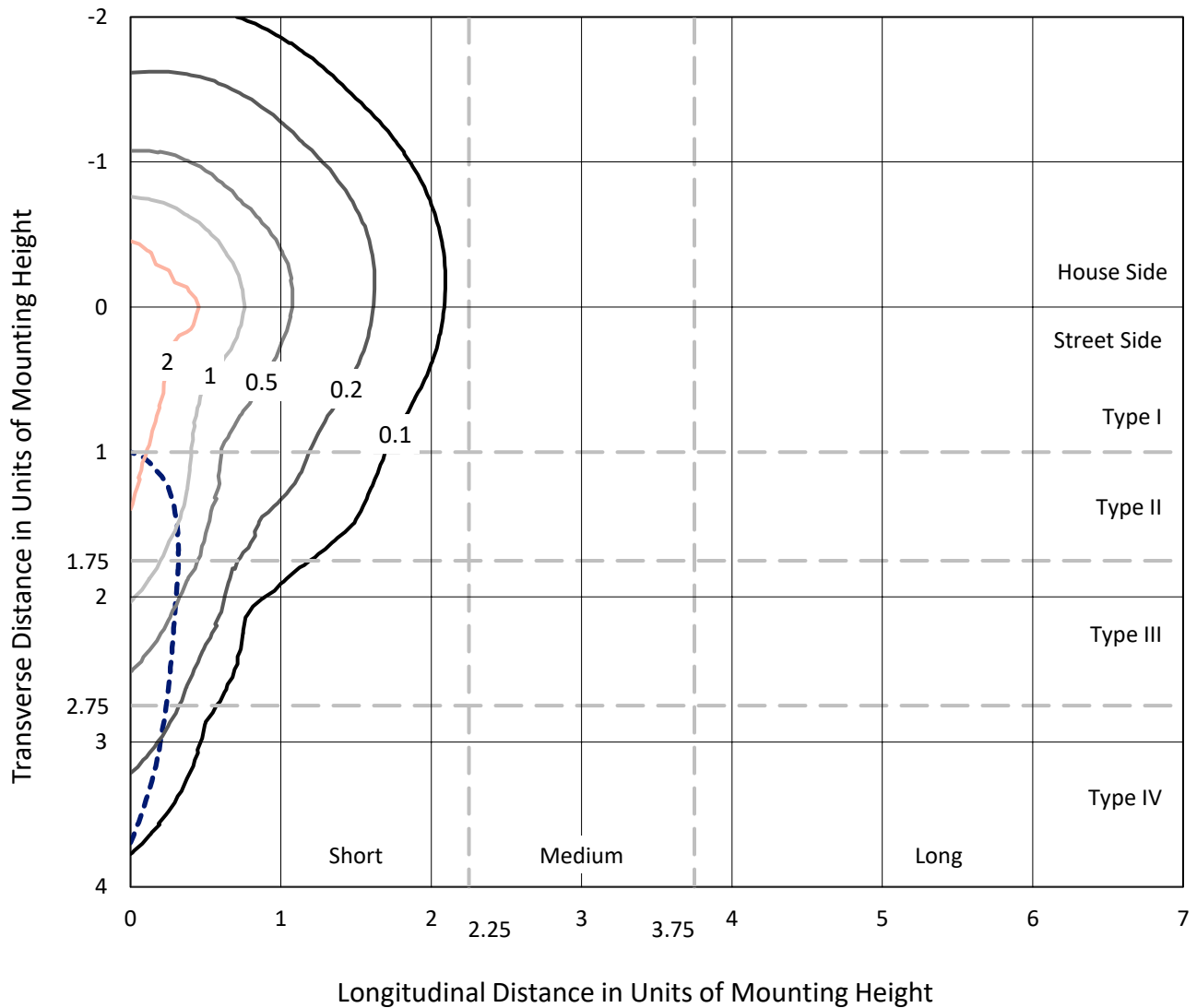
Input Watts (W): 147.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

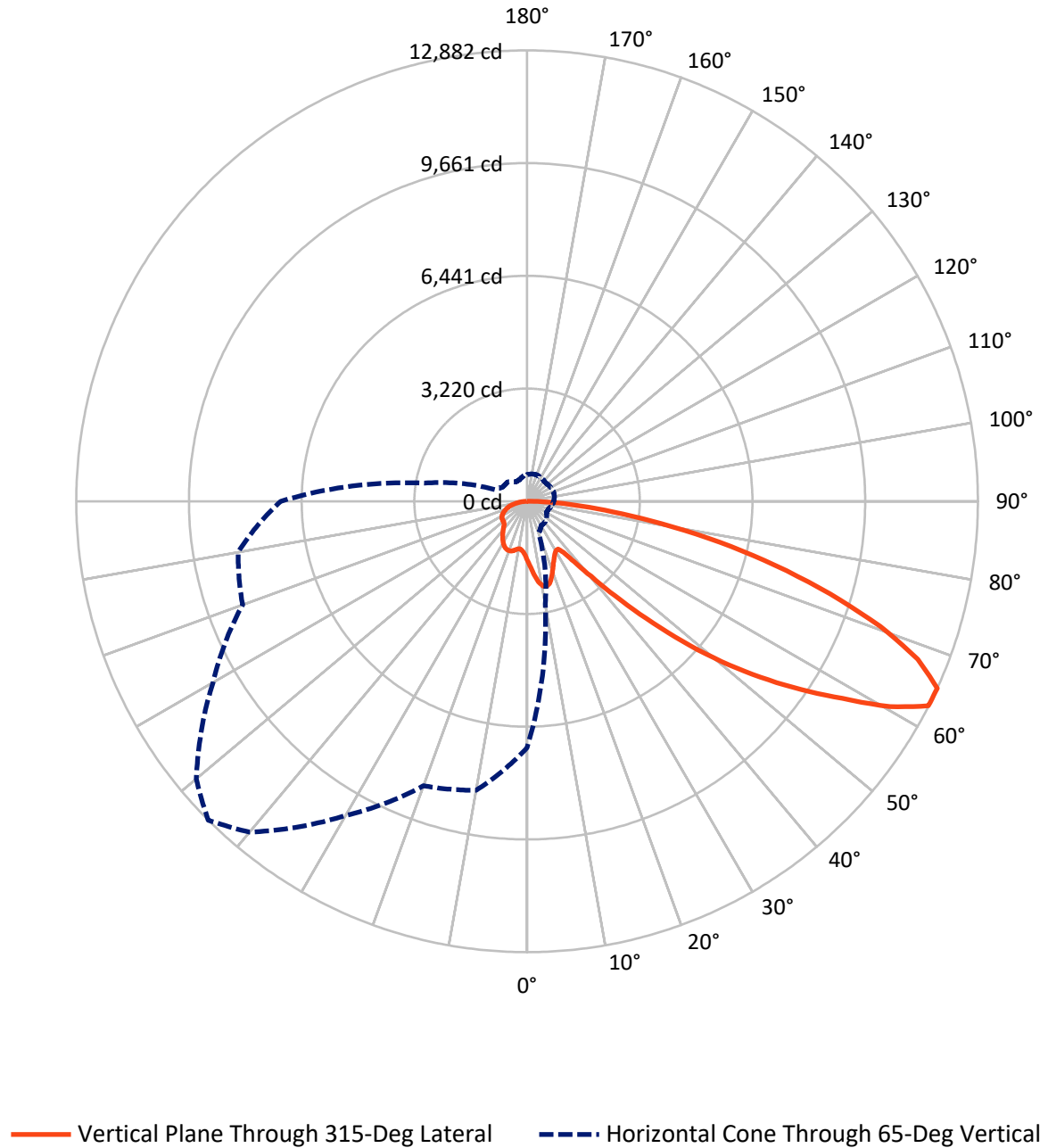
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3137.0	0.0	3137.0
	% Fixture	25.4	0.0	25.4
Street Side	Lumens	9206.0	0.0	9206.0
	% Fixture	74.6	0.0	74.6
Total	Lumens	12343.0	0.0	12343.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.4	1.4
10°-20°	528.5	4.3
20°-30°	816.4	6.6
30°-40°	1034.6	8.4
40°-50°	1560.4	12.6
50°-60°	2521.1	20.4
60°-70°	3143.0	25.5
70°-80°	2061.0	16.7
80°-90°	509.5	4.1
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°-90°	12343.0	100.0
0°-180°	12343.0	100.0

Coefficient of Utilization



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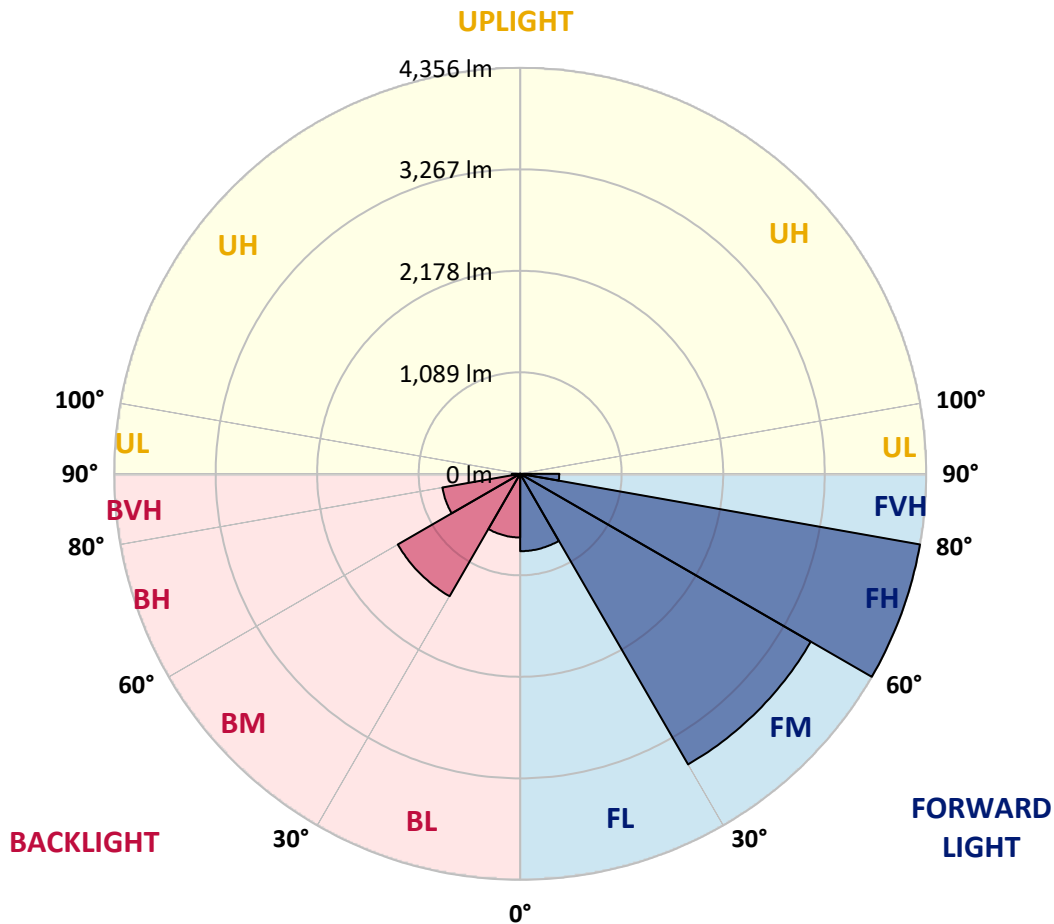
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	830.2	6.7			
FM (30°-60°)	3600.2	29.2			
FH (60°-80°)	4355.9	35.3			G2/5000
FVH (80°-90°)	419.7	3.4			G3/500
BL (0°-30°)	683.1	5.5	B2/1000		
BM (30°-60°)	1516.0	12.3	B2/2500		
BH (60°-80°)	848.1	6.9	B2/1000		G2/1000
BVH (80°-90°)	89.8	0.7			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°
0°	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3
2.5°	1825.2	1811.2	1797.2	1782.3	1767.5	1752.5	1737.5	1723.2	1708.9	1695.0
5°	1962.7	1931.7	1900.8	1869.9	1839.1	1808.1	1777.1	1748.1	1719.1	1691.7
7.5°	2100.7	2049.7	1998.7	1951.5	1904.4	1858.5	1812.5	1772.1	1731.7	1694.3
10°	2206.6	2142.0	2077.5	2015.2	1952.9	1897.2	1841.3	1793.5	1745.6	1699.5
12.5°	2271.4	2200.5	2129.6	2059.0	1988.4	1922.6	1856.8	1802.7	1748.6	1700.2
15°	2310.8	2236.9	2162.9	2086.4	2009.8	1934.0	1858.3	1795.6	1733.0	1679.4
17.5°	2332.9	2258.0	2183.0	2099.4	2015.9	1928.0	1840.0	1764.7	1689.3	1626.3
20°	2357.4	2279.5	2201.5	2109.7	2017.8	1911.3	1804.7	1711.3	1617.9	1544.5
22.5°	2385.7	2306.1	2226.4	2123.5	2020.4	1890.8	1761.2	1648.7	1536.3	1452.7
25°	2422.2	2344.1	2266.2	2148.5	2030.7	1870.6	1710.6	1578.9	1447.2	1361.5
27.5°	2471.7	2397.3	2322.8	2187.6	2052.2	1857.2	1662.1	1515.0	1367.8	1289.9
30°	2538.4	2466.5	2394.7	2238.2	2081.7	1850.8	1619.9	1461.6	1303.2	1237.8
32.5°	2617.2	2546.0	2474.9	2291.0	2107.1	1843.0	1578.9	1415.5	1252.1	1199.4
35°	2713.0	2644.8	2576.6	2351.2	2125.7	1828.3	1531.1	1370.3	1209.5	1165.5
37.5°	2874.2	2787.3	2700.4	2418.6	2136.8	1803.1	1469.4	1317.0	1164.5	1126.1
40°	3117.7	2991.1	2864.5	2504.2	2143.7	1768.4	1393.1	1253.4	1113.7	1078.9
42.5°	3440.8	3258.0	3075.3	2616.1	2157.0	1732.6	1308.3	1183.3	1058.2	1026.1
45°	3839.7	3593.2	3346.7	2763.4	2180.2	1699.3	1218.4	1108.8	999.1	966.5
47.5°	4338.6	3991.6	3644.6	2920.4	2196.2	1671.8	1147.4	1049.8	952.2	910.2
50°	4992.5	4469.4	3946.3	3066.0	2185.7	1641.8	1097.9	1010.7	923.4	868.2
52.5°	5743.1	4971.3	4199.5	3160.6	2121.6	1591.2	1061.0	984.9	908.9	845.4
55°	6542.2	5416.3	4290.4	3139.8	1989.0	1507.4	1025.7	966.2	906.7	847.7
57.5°	7269.1	5731.6	4194.2	2993.1	1792.0	1389.1	986.1	944.0	902.0	849.9
60°	7708.4	5810.4	3912.4	2720.1	1527.8	1235.5	943.2	910.2	877.2	842.8
62.5°	7485.3	5478.6	3471.9	2351.0	1230.2	1051.7	873.3	851.3	829.4	825.2
65°	7038.8	5009.1	2979.3	1974.5	969.6	886.3	803.0	792.7	782.3	782.9
67.5°	6440.6	4450.3	2460.1	1605.6	751.1	727.4	703.7	709.5	715.2	713.8
70°	5721.9	3840.7	1959.4	1264.2	568.9	575.7	582.4	609.2	636.0	636.0
72.5°	4865.5	3179.7	1494.1	966.5	438.8	459.2	479.7	517.7	555.7	562.1
75°	3782.1	2422.1	1062.1	701.4	340.8	359.3	377.7	420.3	462.9	492.4
77.5°	2702.2	1695.2	688.3	475.3	262.3	274.9	287.5	328.9	370.3	418.8
80°	1768.6	1092.2	415.9	306.2	196.7	201.9	207.1	242.2	277.1	335.1
82.5°	1028.1	632.1	236.3	188.4	140.5	141.5	142.5	168.3	194.1	243.6
85°	452.3	284.4	116.5	100.7	85.0	84.5	84.0	102.9	121.8	158.6
87.5°	140.0	93.1	46.2	41.7	37.3	36.8	36.3	44.0	51.8	67.1
90°	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):

50°		55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
1697.3	0°	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3
1679.6	2.5°	1667.0	1654.6	1643.3	1632.1	1622.3	1612.5	1602.6	1592.7	1585.1	1577.4
1664.7	5°	1641.1	1617.5	1597.7	1578.0	1560.5	1543.0	1527.2	1511.3	1499.1	1486.9
1659.4	7.5°	1628.0	1596.6	1570.6	1544.5	1522.6	1500.6	1481.2	1461.8	1447.3	1432.8
1662.0	10°	1628.9	1595.8	1569.7	1543.7	1520.1	1496.3	1474.5	1452.7	1435.4	1418.0
1665.2	12.5°	1638.1	1611.2	1593.8	1576.6	1558.0	1539.5	1516.9	1494.4	1472.2	1450.1
1651.4	15°	1638.4	1625.5	1627.8	1630.2	1625.4	1620.5	1600.9	1581.3	1549.8	1518.3
1609.0	17.5°	1613.8	1618.5	1646.9	1675.3	1690.4	1705.4	1689.6	1673.8	1632.1	1590.3
1540.0	20°	1562.1	1584.3	1633.6	1682.9	1714.5	1746.1	1738.8	1731.5	1683.7	1636.0
1461.6	22.5°	1494.4	1527.2	1583.4	1639.8	1680.9	1722.0	1726.4	1730.8	1685.2	1639.6
1385.6	25°	1423.4	1461.2	1511.8	1562.5	1602.9	1643.3	1658.5	1673.5	1636.1	1598.8
1319.2	27.5°	1355.7	1392.1	1433.8	1475.3	1507.7	1540.2	1557.0	1573.8	1547.2	1520.6
1260.8	30°	1289.7	1318.7	1353.3	1387.8	1414.7	1441.6	1455.3	1469.0	1448.7	1428.4
1209.6	32.5°	1226.7	1243.8	1271.4	1299.0	1324.8	1350.7	1365.8	1381.1	1362.4	1343.7
1161.3	35°	1165.9	1170.7	1191.7	1212.7	1238.2	1263.8	1282.1	1300.3	1287.0	1273.8
1110.6	37.5°	1105.4	1100.2	1115.3	1130.3	1155.8	1181.3	1203.8	1226.4	1220.3	1214.1
1055.1	40°	1043.3	1031.5	1042.4	1053.3	1077.9	1102.5	1128.4	1154.4	1155.9	1157.3
996.2	42.5°	980.5	964.9	973.7	982.7	1006.0	1029.4	1057.4	1085.4	1092.9	1100.4
937.5	45°	922.3	907.1	914.5	922.1	944.2	966.4	995.4	1024.5	1035.2	1046.0
885.2	47.5°	872.5	859.7	866.7	873.7	895.4	917.0	945.7	974.3	986.7	999.1
839.2	50°	827.9	816.6	827.5	838.5	859.0	879.4	905.0	930.7	946.6	962.5
804.9	52.5°	793.7	782.5	799.0	815.4	834.2	852.9	876.8	900.7	919.6	938.4
786.6	55°	768.9	751.3	774.6	798.0	818.2	838.3	859.3	880.2	900.2	920.1
775.7	57.5°	749.9	724.1	749.2	774.4	798.1	821.8	842.5	863.3	883.4	903.5
765.4	60°	732.0	698.5	720.6	742.6	769.8	797.1	818.1	839.2	859.4	879.6
753.4	62.5°	711.6	669.9	683.9	697.9	729.6	761.4	783.8	806.3	824.8	843.3
728.1	65°	683.7	639.2	644.6	650.0	684.0	718.1	739.5	761.0	777.3	793.6
683.1	67.5°	646.1	609.1	607.4	605.7	637.1	668.6	688.9	709.3	723.3	737.4
625.9	70°	599.6	573.3	567.4	561.5	589.2	616.8	634.4	651.9	664.6	677.3
562.2	72.5°	544.2	526.1	517.5	509.0	530.7	552.4	568.3	584.2	596.6	609.1
489.9	75°	476.0	462.1	453.9	445.6	461.8	477.9	492.3	506.7	518.0	529.4
417.5	77.5°	406.3	395.2	386.9	378.5	391.7	404.8	417.2	429.5	441.4	453.3
334.9	80°	325.6	316.2	309.2	302.2	313.1	324.0	334.4	344.9	353.9	362.9
246.3	82.5°	241.8	237.2	232.3	227.3	226.4	225.5	221.8	218.2	237.5	256.7
162.2	85°	157.3	152.4	146.9	141.3	136.6	131.9	121.8	111.7	129.7	147.8
71.6	87.5°	69.7	67.7	66.7	65.7	65.5	65.3	57.6	49.8	57.4	65.0
0.0	90°	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):

105°		110°	115°	120°	125°	130°	135°	140°	145°	150°	155°
1697.3	0°	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3
1571.2	2.5°	1565.1	1560.2	1555.4	1551.0	1546.5	1541.0	1546.5	1551.0	1555.4	1560.2
1478.4	5°	1469.8	1463.8	1457.7	1453.1	1448.5	1443.9	1448.5	1453.1	1457.7	1463.8
1422.7	7.5°	1412.5	1405.6	1398.7	1394.5	1390.4	1387.3	1390.4	1394.5	1398.7	1405.6
1406.7	10°	1395.2	1388.6	1382.0	1378.5	1375.0	1373.6	1375.0	1378.5	1382.0	1388.6
1435.4	12.5°	1420.8	1413.4	1406.1	1403.1	1400.1	1399.6	1400.1	1403.1	1406.1	1413.4
1496.0	15°	1473.7	1463.5	1453.4	1449.5	1445.5	1445.2	1445.5	1449.5	1453.4	1463.5
1557.5	17.5°	1524.7	1509.6	1494.4	1489.4	1484.4	1483.6	1484.4	1489.4	1494.4	1509.6
1595.8	20°	1555.6	1536.3	1516.9	1510.7	1504.5	1502.5	1504.5	1510.7	1516.9	1536.3
1598.2	22.5°	1556.7	1536.3	1515.9	1509.0	1502.2	1499.3	1502.2	1509.0	1515.9	1536.3
1561.9	25°	1525.2	1507.5	1489.8	1483.4	1477.0	1473.2	1477.0	1483.4	1489.8	1507.5
1492.0	27.5°	1463.5	1451.6	1439.7	1436.8	1433.8	1432.8	1433.8	1436.8	1439.7	1451.6
1408.0	30°	1387.4	1381.3	1375.2	1375.2	1375.2	1376.2	1375.2	1375.2	1375.2	1381.3
1327.4	32.5°	1311.1	1307.1	1303.1	1303.6	1304.2	1305.2	1304.2	1303.6	1303.1	1307.1
1258.7	35°	1243.6	1237.6	1231.6	1230.3	1229.0	1228.3	1229.0	1230.3	1231.6	1237.6
1200.3	37.5°	1186.3	1175.3	1164.4	1158.6	1152.8	1149.5	1152.8	1158.6	1164.4	1175.3
1145.6	40°	1133.8	1117.7	1101.9	1091.0	1080.4	1074.0	1080.4	1091.0	1101.9	1117.7
1090.4	42.5°	1080.5	1060.6	1040.8	1025.1	1009.4	999.1	1009.4	1025.1	1040.8	1060.6
1037.0	45°	1028.1	1005.3	982.7	964.2	945.8	934.0	945.8	964.2	982.7	1005.3
992.8	47.5°	986.6	966.4	946.2	929.1	912.1	900.7	912.1	929.1	946.2	966.4
962.1	50°	961.8	945.7	929.5	913.8	898.0	887.1	898.0	913.8	929.5	945.7
941.8	52.5°	945.2	932.0	918.8	904.7	890.6	880.5	890.6	904.7	918.8	932.0
924.8	55°	929.5	918.1	906.6	894.2	881.9	872.7	881.9	894.2	906.6	918.1
908.2	57.5°	913.0	901.4	889.8	877.6	865.2	855.8	865.2	877.6	889.8	901.4
884.8	60°	890.0	878.7	867.4	854.8	842.1	832.4	842.1	854.8	867.4	878.7
848.3	62.5°	853.3	843.1	832.9	819.6	806.3	794.6	806.3	819.6	832.9	843.1
798.7	65°	803.8	794.0	784.2	771.3	758.4	748.3	758.4	771.3	784.2	794.0
742.4	67.5°	747.4	738.3	729.3	717.3	705.4	696.2	705.4	717.3	729.3	738.3
682.2	70°	687.0	679.6	672.3	660.8	649.3	638.9	649.3	660.8	672.3	679.6
614.8	72.5°	620.6	614.4	608.3	597.4	586.5	576.4	586.5	597.4	608.3	614.4
535.4	75°	541.4	538.4	535.4	526.2	517.0	507.4	517.0	526.2	535.4	538.4
458.9	77.5°	464.5	460.3	456.0	446.8	437.5	429.9	437.5	446.8	456.0	460.3
370.3	80°	377.7	375.9	374.2	361.7	349.2	334.8	349.2	361.7	374.2	375.9
269.4	82.5°	282.0	281.2	280.4	269.9	259.3	250.1	259.3	269.9	280.4	281.2
163.5	85°	179.1	177.8	176.5	168.3	160.1	151.8	160.1	168.3	176.5	177.8
71.3	87.5°	77.6	76.1	74.4	70.2	65.9	61.9	65.9	70.2	74.4	76.1
0.0	90°	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):

160°		165°	170°	175°	180°	185°	190°	195°	200°	205°	210°
1697.3	0°	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3
1565.1	2.5°	1571.2	1577.4	1585.1	1592.7	1602.6	1612.5	1622.3	1632.1	1643.3	1654.6
1469.8	5°	1478.4	1486.9	1499.1	1511.3	1527.2	1543.0	1560.5	1578.0	1597.7	1617.5
1412.5	7.5°	1422.7	1432.8	1447.3	1461.8	1481.2	1500.6	1522.6	1544.5	1570.6	1596.6
1395.2	10°	1406.7	1418.0	1435.4	1452.7	1474.5	1496.3	1520.1	1543.7	1569.7	1595.8
1420.8	12.5°	1435.4	1450.1	1472.2	1494.4	1516.9	1539.5	1558.0	1576.6	1593.8	1611.2
1473.7	15°	1496.0	1518.3	1549.8	1581.3	1600.9	1620.5	1625.4	1630.2	1627.8	1625.5
1524.7	17.5°	1557.5	1590.3	1632.1	1673.8	1689.6	1705.4	1690.4	1675.3	1646.9	1618.5
1555.6	20°	1595.8	1636.0	1683.7	1731.5	1738.8	1746.1	1714.5	1682.9	1633.6	1584.3
1556.7	22.5°	1598.2	1639.6	1685.2	1730.8	1726.4	1722.0	1680.9	1639.8	1583.4	1527.2
1525.2	25°	1561.9	1598.8	1636.1	1673.5	1658.5	1643.3	1602.9	1562.5	1511.8	1461.2
1463.5	27.5°	1492.0	1520.6	1547.2	1573.8	1557.0	1540.2	1507.7	1475.3	1433.8	1392.1
1387.4	30°	1408.0	1428.4	1448.7	1469.0	1455.3	1441.6	1414.7	1387.8	1353.3	1318.7
1311.1	32.5°	1327.4	1343.7	1362.4	1381.1	1365.8	1350.7	1324.8	1299.0	1271.4	1243.8
1243.6	35°	1258.7	1273.8	1287.0	1300.3	1282.1	1263.8	1238.2	1212.7	1191.7	1170.7
1186.3	37.5°	1200.3	1214.1	1220.3	1226.4	1203.8	1181.3	1155.8	1130.3	1115.3	1100.2
1133.8	40°	1145.6	1157.3	1155.9	1154.4	1128.4	1102.5	1077.9	1053.3	1042.4	1031.5
1080.5	42.5°	1090.4	1100.4	1092.9	1085.4	1057.4	1029.4	1006.0	982.7	973.7	964.9
1028.1	45°	1037.0	1046.0	1035.2	1024.5	995.4	966.4	944.2	922.1	914.5	907.1
986.6	47.5°	992.8	999.1	986.7	974.3	945.7	917.0	895.4	873.7	866.7	859.7
961.8	50°	962.1	962.5	946.6	930.7	905.0	879.4	859.0	838.5	827.5	816.6
945.2	52.5°	941.8	938.4	919.6	900.7	876.8	852.9	834.2	815.4	799.0	782.5
929.5	55°	924.8	920.1	900.2	880.2	859.3	838.3	818.2	798.0	774.6	751.3
913.0	57.5°	908.2	903.5	883.4	863.3	842.5	821.8	798.1	774.4	749.2	724.1
890.0	60°	884.8	879.6	859.4	839.2	818.1	797.1	769.8	742.6	720.6	698.5
853.3	62.5°	848.3	843.3	824.8	806.3	783.8	761.4	729.6	697.9	683.9	669.9
803.8	65°	798.7	793.6	777.3	761.0	739.5	718.1	684.0	650.0	644.6	639.2
747.4	67.5°	742.4	737.4	723.3	709.3	688.9	668.6	637.1	605.7	607.4	609.1
687.0	70°	682.2	677.3	664.6	651.9	634.4	616.8	589.2	561.5	567.4	573.3
620.6	72.5°	614.8	609.1	596.6	584.2	568.3	552.4	530.7	509.0	517.5	526.1
541.4	75°	535.4	529.4	518.0	506.7	492.3	477.9	461.8	445.6	453.9	462.1
464.5	77.5°	458.9	453.3	441.4	429.5	417.2	404.8	391.7	378.5	386.9	395.2
377.7	80°	370.3	362.9	353.9	344.9	334.4	324.0	313.1	302.2	309.2	316.2
282.0	82.5°	269.4	256.7	237.5	218.2	221.8	225.5	226.4	227.3	232.3	237.2
179.1	85°	163.5	147.8	129.7	111.7	121.8	131.9	136.6	141.3	146.9	152.4
77.6	87.5°	71.3	65.0	57.4	49.8	57.6	65.3	65.5	65.7	66.7	67.7
0.0	90°	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):

215°		220°	225°	230°	235°	240°	245°	250°	255°	260°	265°
1697.3	0°	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3
1667.0	2.5°	1679.6	1695.0	1708.9	1723.2	1737.5	1752.5	1767.5	1782.3	1797.2	1811.2
1641.1	5°	1664.7	1691.7	1719.1	1748.1	1777.1	1808.1	1839.1	1869.9	1900.8	1931.7
1628.0	7.5°	1659.4	1694.3	1731.7	1772.1	1812.5	1858.5	1904.4	1951.5	1998.7	2049.7
1628.9	10°	1662.0	1699.5	1745.6	1793.5	1841.3	1897.2	1952.9	2015.2	2077.5	2142.0
1638.1	12.5°	1665.2	1700.2	1748.6	1802.7	1856.8	1922.6	1988.4	2059.0	2129.6	2200.5
1638.4	15°	1651.4	1679.4	1733.0	1795.6	1858.3	1934.0	2009.8	2086.4	2162.9	2236.9
1613.8	17.5°	1609.0	1626.3	1689.3	1764.7	1840.0	1928.0	2015.9	2099.4	2183.0	2258.0
1562.1	20°	1540.0	1544.5	1617.9	1711.3	1804.7	1911.3	2017.8	2109.7	2201.5	2279.5
1494.4	22.5°	1461.6	1452.7	1536.3	1648.7	1761.2	1890.8	2020.4	2123.5	2226.4	2306.1
1423.4	25°	1385.6	1361.5	1447.2	1578.9	1710.6	1870.6	2030.7	2148.5	2266.2	2344.1
1355.7	27.5°	1319.2	1289.9	1367.8	1515.0	1662.1	1857.2	2052.2	2187.6	2322.8	2397.3
1289.7	30°	1260.8	1237.8	1303.2	1461.6	1619.9	1850.8	2081.7	2238.2	2394.7	2466.5
1226.7	32.5°	1209.6	1199.4	1252.1	1415.5	1578.9	1843.0	2107.1	2291.0	2474.9	2546.0
1165.9	35°	1161.3	1165.5	1209.5	1370.3	1531.1	1828.3	2125.7	2351.2	2576.6	2644.8
1105.4	37.5°	1110.6	1126.1	1164.5	1317.0	1469.4	1803.1	2136.8	2418.6	2700.4	2787.3
1043.3	40°	1055.1	1078.9	1113.7	1253.4	1393.1	1768.4	2143.7	2504.2	2864.5	2991.1
980.5	42.5°	996.2	1026.1	1058.2	1183.3	1308.3	1732.6	2157.0	2616.1	3075.3	3258.0
922.3	45°	937.5	966.5	999.1	1108.8	1218.4	1699.3	2180.2	2763.4	3346.7	3593.2
872.5	47.5°	885.2	910.2	952.2	1049.8	1147.4	1671.8	2196.2	2920.4	3644.6	3991.6
827.9	50°	839.2	868.2	923.4	1010.7	1097.9	1641.8	2185.7	3066.0	3946.3	4469.4
793.7	52.5°	804.9	845.4	908.9	984.9	1061.0	1591.2	2121.6	3160.6	4199.5	4971.3
768.9	55°	786.6	847.7	906.7	966.2	1025.7	1507.4	1989.0	3139.8	4290.4	5416.3
749.9	57.5°	775.7	849.9	902.0	944.0	986.1	1389.1	1792.0	2993.1	4194.2	5731.6
732.0	60°	765.4	842.8	877.2	910.2	943.2	1235.5	1527.8	2720.1	3912.4	5810.4
711.6	62.5°	753.4	825.2	829.4	851.3	873.3	1051.7	1230.2	2351.0	3471.9	5478.6
683.7	65°	728.1	782.9	782.3	792.7	803.0	886.3	969.6	1974.5	2979.3	5009.1
646.1	67.5°	683.1	713.8	715.2	709.5	703.7	727.4	751.1	1605.6	2460.1	4450.3
599.6	70°	625.9	636.0	636.0	609.2	582.4	575.7	568.9	1264.2	1959.4	3840.7
544.2	72.5°	562.2	562.1	555.7	517.7	479.7	459.2	438.8	966.5	1494.1	3179.7
476.0	75°	489.9	492.4	462.9	420.3	377.7	359.3	340.8	701.4	1062.1	2422.1
406.3	77.5°	417.5	418.8	370.3	328.9	287.5	274.9	262.3	475.3	688.3	1695.2
325.6	80°	334.9	335.1	277.1	242.2	207.1	201.9	196.7	306.2	415.9	1092.2
241.8	82.5°	246.3	243.6	194.1	168.3	142.5	141.5	140.5	188.4	236.3	632.1
157.3	85°	162.2	158.6	121.8	102.9	84.0	84.5	85.0	100.7	116.5	284.4
69.7	87.5°	71.6	67.1	51.8	44.0	36.3	36.8	37.3	41.7	46.2	93.1
0.0	90°	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):

270°		275°	280°	285°	290°	295°	300°	305°	310°	315°	320°
1697.3	0°	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3
1825.2	2.5°	1832.2	1839.1	1849.0	1858.8	1864.7	1870.5	1873.4	1876.4	1875.1	1876.4
1962.7	5°	1986.8	2011.1	2035.0	2059.1	2072.1	2085.1	2093.0	2100.9	2106.9	2100.9
2100.7	7.5°	2140.1	2179.4	2214.7	2250.1	2271.4	2292.7	2304.2	2315.7	2321.2	2315.7
2206.6	10°	2253.1	2299.6	2341.1	2382.6	2407.7	2432.7	2443.9	2455.0	2459.3	2455.0
2271.4	12.5°	2321.8	2372.1	2409.7	2447.0	2465.3	2483.5	2489.6	2495.8	2496.4	2495.8
2310.8	15°	2354.3	2397.7	2421.2	2444.8	2445.5	2446.1	2439.6	2433.1	2425.4	2433.1
2332.9	17.5°	2362.3	2391.7	2392.1	2392.5	2366.1	2339.8	2315.6	2291.4	2274.3	2291.4
2357.4	20°	2367.6	2377.9	2346.9	2316.0	2257.8	2199.5	2157.1	2114.7	2088.7	2114.7
2385.7	22.5°	2372.3	2358.9	2294.8	2230.7	2145.0	2059.4	2006.4	1953.4	1924.6	1953.4
2422.2	25°	2379.8	2337.5	2240.2	2142.9	2038.9	1934.9	1879.1	1823.5	1796.3	1823.5
2471.7	27.5°	2396.0	2320.2	2191.3	2062.5	1947.2	1832.0	1777.1	1722.3	1696.6	1722.3
2538.4	30°	2425.5	2312.7	2154.1	1995.4	1875.3	1755.2	1704.4	1653.5	1629.5	1653.5
2617.2	32.5°	2462.7	2308.2	2128.7	1949.2	1836.3	1723.5	1683.5	1643.5	1626.3	1643.5
2713.0	35°	2523.8	2334.8	2147.7	1960.7	1882.3	1804.0	1794.6	1785.3	1783.9	1785.3
2874.2	37.5°	2651.7	2429.2	2259.2	2089.2	2084.1	2079.1	2121.7	2164.2	2186.4	2164.2
3117.7	40°	2875.8	2633.8	2507.4	2381.0	2470.2	2559.5	2663.0	2766.6	2818.1	2766.6
3440.8	42.5°	3200.7	2960.6	2887.8	2815.0	3009.6	3204.2	3392.6	3580.9	3691.5	3580.9
3839.7	45°	3624.1	3408.3	3376.2	3344.1	3655.8	3967.7	4277.2	4586.7	4774.6	4586.7
4338.6	47.5°	4128.8	3919.0	3912.4	3905.9	4355.7	4805.4	5258.5	5711.5	5977.6	5711.5
4992.5	50°	4733.3	4474.3	4475.4	4476.5	5056.1	5635.8	6233.8	6831.9	7193.5	6831.9
5743.1	52.5°	5429.3	5115.6	5083.9	5052.1	5744.5	6436.9	7176.9	7916.8	8350.2	7916.8
6542.2	55°	6232.2	5922.2	5798.5	5674.8	6445.5	7216.0	8098.2	8980.3	9495.8	8980.3
7269.1	57.5°	7100.3	6931.4	6683.3	6435.3	7213.4	7991.5	8990.7	9989.9	10629.1	9989.9
7708.4	60°	7970.6	8232.9	7924.8	7616.7	8353.1	9089.4	10159.3	11229.1	11920.0	11229.1
7485.3	62.5°	8201.8	8918.3	8883.6	8848.8	9523.3	10197.9	11215.8	12233.6	12872.1	12233.6
7038.8	65°	7711.3	8383.8	8516.8	8649.8	9507.0	10364.3	11351.3	12338.2	12881.9	12338.2
6440.6	67.5°	7080.2	7719.8	7782.2	7844.5	8737.7	9630.8	10622.0	11613.2	12039.1	11613.2
5721.9	70°	6417.6	7113.3	7141.2	7169.1	7967.8	8766.5	9619.5	10472.5	10709.2	10472.5
4865.5	72.5°	5663.8	6462.1	6482.2	6502.2	7127.1	7752.0	8390.9	9029.7	9053.6	9029.7
3782.1	75°	4608.3	5434.5	5508.7	5582.9	6069.1	6555.3	7005.0	7454.7	7334.2	7454.7
2702.2	77.5°	3473.5	4244.8	4351.0	4457.1	4826.7	5196.3	5515.3	5834.3	5627.2	5834.3
1768.6	80°	2417.5	3066.3	3198.2	3330.2	3609.3	3888.3	4055.9	4223.3	3890.2	4223.3
1028.1	82.5°	1471.7	1915.3	2062.7	2210.2	2402.3	2594.4	2664.3	2734.1	2472.3	2734.1
452.3	85°	687.8	923.2	1048.6	1174.0	1331.8	1489.6	1529.3	1569.0	1359.2	1569.0
140.0	87.5°	219.2	298.3	368.2	438.2	517.1	596.1	599.4	602.8	506.1	602.8
0.0	90°	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):

325°		330°	335°	340°	345°	350°	355°	360°
1697.3	0°	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3	1697.3
1873.4	2.5°	1870.5	1864.7	1858.8	1849.0	1839.1	1832.2	1825.2
2093.0	5°	2085.1	2072.1	2059.1	2035.0	2011.1	1986.8	1962.7
2304.2	7.5°	2292.7	2271.4	2250.1	2214.7	2179.4	2140.1	2100.7
2443.9	10°	2432.7	2407.7	2382.6	2341.1	2299.6	2253.1	2206.6
2489.6	12.5°	2483.5	2465.3	2447.0	2409.7	2372.1	2321.8	2271.4
2439.6	15°	2446.1	2445.5	2444.8	2421.2	2397.7	2354.3	2310.8
2315.6	17.5°	2339.8	2366.1	2392.5	2392.1	2391.7	2362.3	2332.9
2157.1	20°	2199.5	2257.8	2316.0	2346.9	2377.9	2367.6	2357.4
2006.4	22.5°	2059.4	2145.0	2230.7	2294.8	2358.9	2372.3	2385.7
1879.1	25°	1934.9	2038.9	2142.9	2240.2	2337.5	2379.8	2422.2
1777.1	27.5°	1832.0	1947.2	2062.5	2191.3	2320.2	2396.0	2471.7
1704.4	30°	1755.2	1875.3	1995.4	2154.1	2312.7	2425.5	2538.4
1683.5	32.5°	1723.5	1836.3	1949.2	2128.7	2308.2	2462.7	2617.2
1794.6	35°	1804.0	1882.3	1960.7	2147.7	2334.8	2523.8	2713.0
2121.7	37.5°	2079.1	2084.1	2089.2	2259.2	2429.2	2651.7	2874.2
2663.0	40°	2559.5	2470.2	2381.0	2507.4	2633.8	2875.8	3117.7
3392.6	42.5°	3204.2	3009.6	2815.0	2887.8	2960.6	3200.7	3440.8
4277.2	45°	3967.7	3655.8	3344.1	3376.2	3408.3	3624.1	3839.7
5258.5	47.5°	4805.4	4355.7	3905.9	3912.4	3919.0	4128.8	4338.6
6233.8	50°	5635.8	5056.1	4476.5	4475.4	4474.3	4733.3	4992.5
7176.9	52.5°	6436.9	5744.5	5052.1	5083.9	5115.6	5429.3	5743.1
8098.2	55°	7216.0	6445.5	5674.8	5798.5	5922.2	6232.2	6542.2
8990.7	57.5°	7991.5	7213.4	6435.3	6683.3	6931.4	7100.3	7269.1
10159.3	60°	9089.4	8353.1	7616.7	7924.8	8232.9	7970.6	7708.4
11215.8	62.5°	10197.9	9523.3	8848.8	8883.6	8918.3	8201.8	7485.3
11351.3	65°	10364.3	9507.0	8649.8	8516.8	8383.8	7711.3	7038.8
10622.0	67.5°	9630.8	8737.7	7844.5	7782.2	7719.8	7080.2	6440.6
9619.5	70°	8766.5	7967.8	7169.1	7141.2	7113.3	6417.6	5721.9
8390.9	72.5°	7752.0	7127.1	6502.2	6482.2	6462.1	5663.8	4865.5
7005.0	75°	6555.3	6069.1	5582.9	5508.7	5434.5	4608.3	3782.1
5515.3	77.5°	5196.3	4826.7	4457.1	4351.0	4244.8	3473.5	2702.2
4055.9	80°	3888.3	3609.3	3330.2	3198.2	3066.3	2417.5	1768.6
2664.3	82.5°	2594.4	2402.3	2210.2	2062.7	1915.3	1471.7	1028.1
1529.3	85°	1489.6	1331.8	1174.0	1048.6	923.2	687.8	452.3
599.4	87.5°	596.1	517.1	438.2	368.2	298.3	219.2	140.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)