

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: STREETWORKS

Report Number: P#####

Luminaire Tested: **VERD-A028-E-U-T2T3-AP**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P#####
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P129299, P129497)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: VERD-A028-E-U-T2T3-AP
Description: VERDEON ROADWAY AND AREA LUMINAIRE
(2) 70 CRI, 4000K LEDs, ONE TYPE II OPTIC AND ONE TYPE III OPTIC, GREY
PAINTED FINISH
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7771.1 lumens
Efficiency: N/A
Efficacy: 107.9 lumens/watt
Luminous Opening: Rectangular (W 0.79' x L: 1.25' x H: 0')
IES Classification: Type III - Medium - Semi-Cutoff
BUG Rating: B1 - U0 - G2

Input Watts (W): 72
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: 28.75 FT

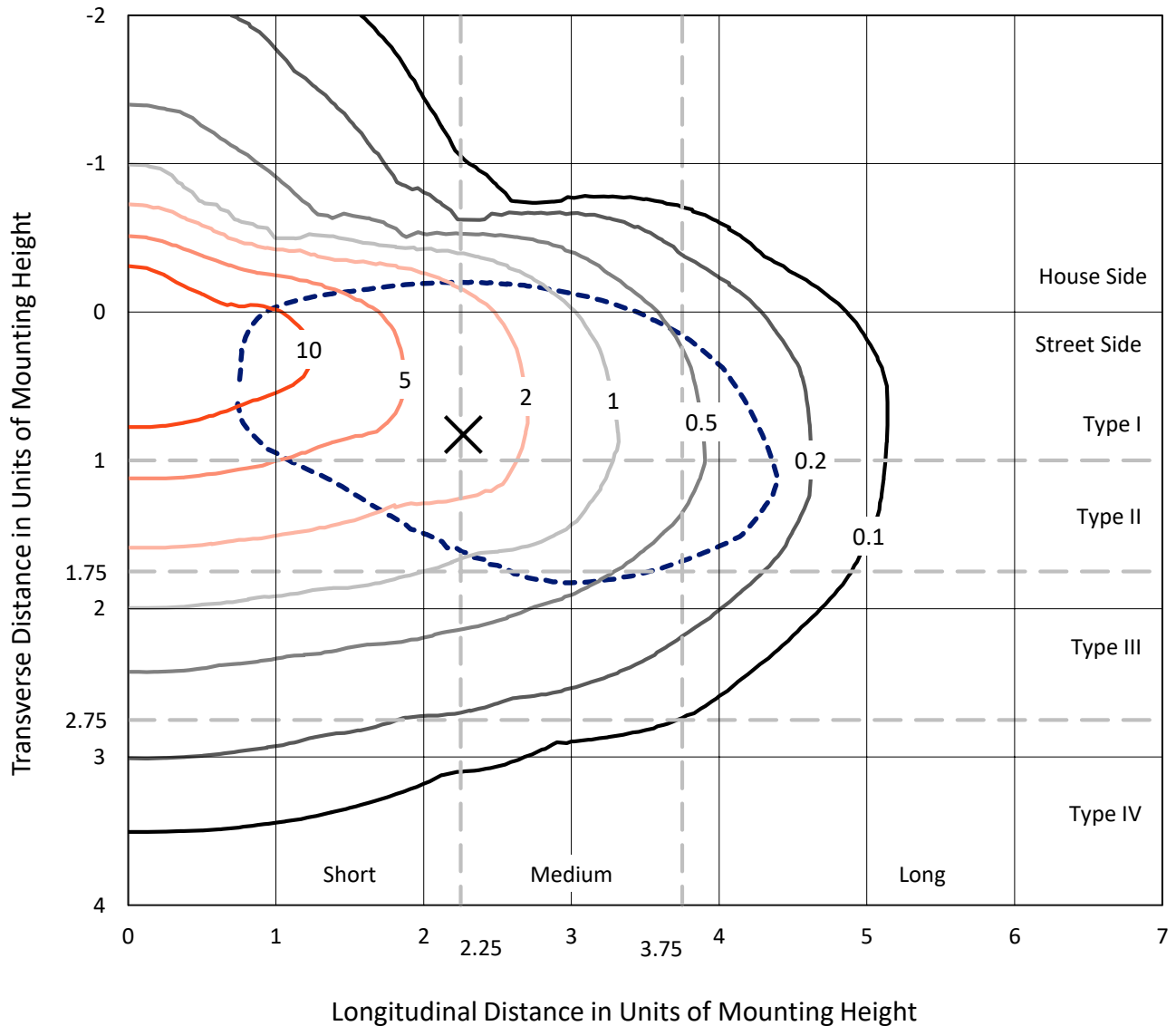


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

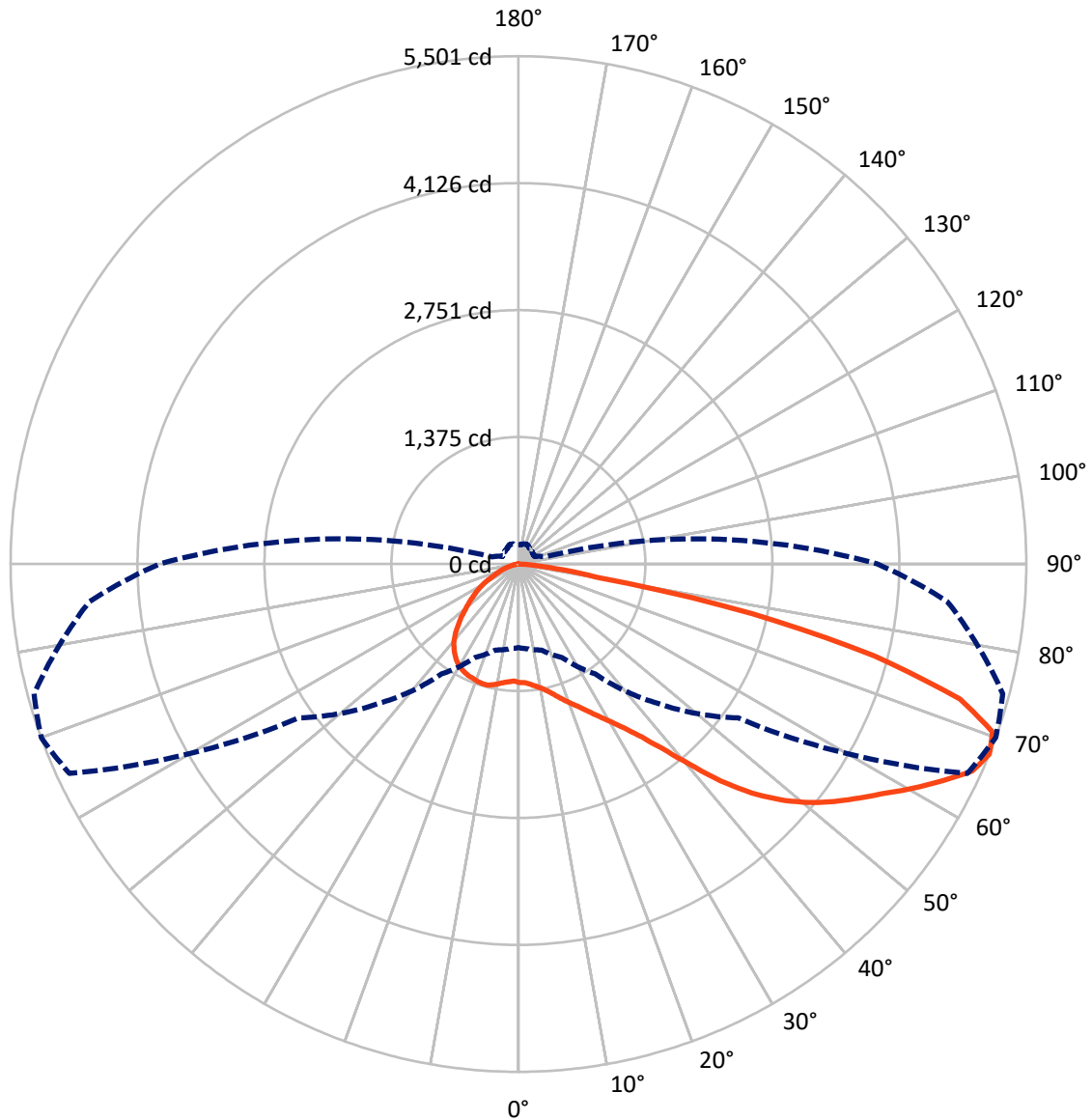


Based on 10 foot mounting height. Maximum calculated value = 14.9 fc
 Type III - Medium - Semi-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 70-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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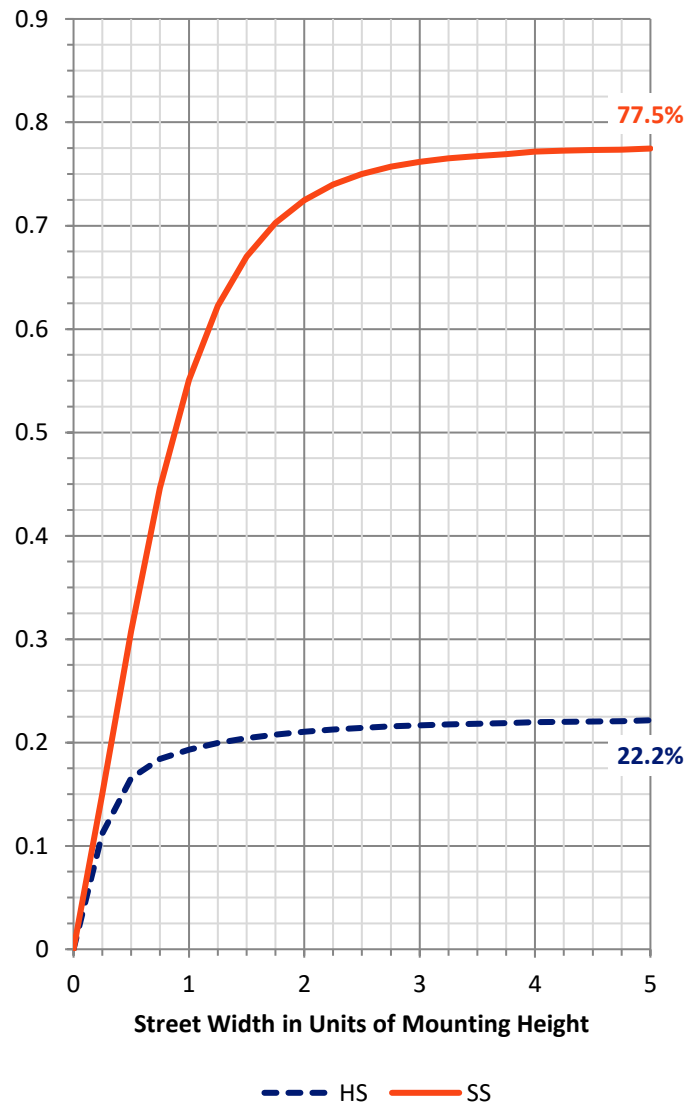
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1751.2	0.0	1751.2
	% Fixture	22.5	0.0	22.5
Street Side	Lumens	6019.9	0.0	6019.9
	% Fixture	77.5	0.0	77.5
Total	Lumens	7771.1	0.0	7771.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.2	1.6
10°-20°	404.3	5.2
20°-30°	680.5	8.8
30°-40°	948.8	12.2
40°-50°	1283.4	16.5
50°-60°	1544.6	19.9
60°-70°	1654.4	21.3
70°-80°	1028.1	13.2
80°-90°	99.6	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°-90°	7771.1	100.0
0°-180°	7771.1	100.0

Coefficient of Utilization



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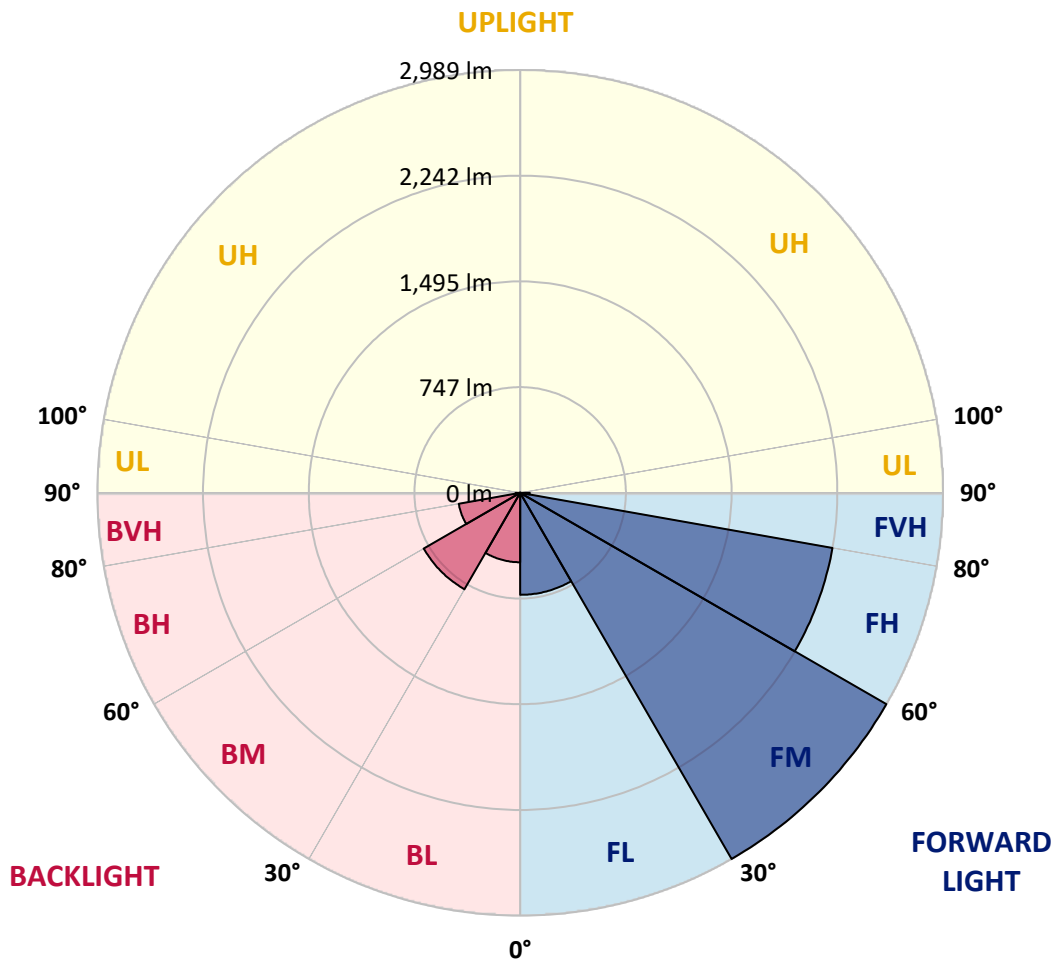
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	721.2	9.3			
FM	(30°-60°)	2989.1	38.5			
FH	(60°-80°)	2241.7	28.8			G2/5000
FVH	(80°-90°)	67.9	0.9			G1/100
BL	(0°-30°)	490.9	6.3	B1/500		
BM	(30°-60°)	787.8	10.1	B1/1000		
BH	(60°-80°)	440.9	5.7	B1/500		G1/500
BVH	(80°-90°)	31.6	0.4			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9
2.5°	1333.8	1331.7	1332.5	1333.4	1329.4	1325.4	1322.2	1319.0	1316.5	1313.9	1309.1
5°	1379.8	1378.2	1379.0	1379.8	1375.4	1371.0	1365.7	1360.4	1355.1	1349.8	1342.4
7.5°	1431.0	1428.9	1428.9	1428.9	1423.6	1418.3	1411.4	1404.4	1396.8	1389.2	1380.9
10°	1497.4	1494.8	1494.6	1494.4	1487.5	1480.5	1469.5	1458.6	1447.3	1436.1	1424.3
12.5°	1570.1	1568.0	1569.1	1570.2	1561.5	1552.8	1542.6	1532.5	1514.8	1497.0	1482.0
15°	1651.7	1647.0	1649.0	1650.8	1642.2	1633.5	1623.2	1612.8	1595.7	1578.6	1556.6
17.5°	1732.0	1727.0	1727.2	1727.4	1719.1	1710.9	1701.2	1691.4	1672.8	1654.2	1629.3
20°	1801.4	1801.4	1802.0	1802.6	1794.0	1785.3	1776.0	1766.7	1746.8	1727.0	1702.8
22.5°	1866.5	1869.8	1872.8	1875.8	1872.0	1868.2	1859.7	1851.2	1827.4	1803.5	1780.4
25°	1927.4	1930.3	1940.0	1949.8	1954.6	1959.4	1950.8	1942.1	1917.2	1892.2	1867.7
27.5°	1998.0	2003.4	2011.9	2020.4	2028.8	2037.2	2035.2	2033.0	2009.2	1985.2	1959.5
30°	2050.8	2052.9	2063.7	2074.4	2090.5	2106.6	2111.4	2116.3	2098.6	2080.8	2054.6
32.5°	2050.8	2059.7	2080.0	2100.2	2131.7	2163.2	2182.4	2201.7	2193.0	2184.4	2157.8
35°	2039.0	2047.8	2079.4	2110.8	2157.3	2203.8	2240.2	2276.6	2285.0	2293.4	2272.1
37.5°	2035.6	2042.4	2071.1	2099.8	2155.4	2211.0	2270.8	2330.6	2366.2	2401.6	2399.4
40°	2009.4	2020.8	2049.5	2078.2	2133.4	2188.6	2271.5	2354.4	2422.8	2491.3	2527.9
42.5°	1924.0	1937.1	1978.3	2019.5	2084.4	2149.3	2253.1	2356.9	2466.8	2576.7	2656.8
45°	1842.8	1852.9	1892.9	1932.8	2009.2	2085.4	2210.4	2335.3	2492.1	2649.0	2784.9
47.5°	1754.8	1772.2	1813.8	1855.4	1934.8	2014.0	2151.6	2289.2	2493.4	2697.6	2899.9
50°	1568.8	1591.6	1674.3	1757.0	1850.0	1943.0	2083.6	2224.2	2471.6	2719.1	2973.8
52.5°	1482.6	1493.2	1542.0	1590.8	1723.6	1856.3	2011.9	2167.5	2434.9	2702.2	3003.2
55°	1409.5	1418.8	1460.0	1501.2	1605.6	1710.0	1895.4	2080.8	2341.9	2602.9	2965.2
57.5°	1326.6	1338.4	1381.8	1425.1	1509.0	1592.9	1787.0	1981.0	2225.8	2470.6	2870.9
60°	1238.7	1252.2	1295.3	1338.4	1416.9	1495.3	1678.4	1861.4	2104.5	2347.6	2726.4
62.5°	1150.3	1160.4	1195.8	1231.0	1313.5	1395.9	1575.6	1755.2	2023.9	2292.6	2654.2
65°	1039.1	1053.5	1082.1	1110.6	1189.0	1267.4	1439.1	1610.7	1934.8	2258.8	2607.5
67.5°	906.4	920.0	942.3	964.7	1040.8	1116.9	1284.5	1452.1	1793.1	2134.0	2519.8
70°	743.2	752.9	775.5	798.2	862.6	927.1	1080.4	1233.6	1566.3	1899.0	2343.5
72.5°	578.8	586.0	602.8	619.8	661.0	702.2	813.4	924.6	1237.2	1549.8	2026.7
75°	428.7	432.9	452.1	471.4	502.8	534.4	577.3	620.2	845.1	1070.0	1541.4
77.5°	196.1	191.1	210.1	229.2	252.8	276.5	312.8	349.2	402.6	456.2	864.5
80°	53.7	55.8	90.5	125.2	138.4	151.8	169.7	187.7	205.9	224.0	305.9
82.5°	35.9	38.9	59.6	80.3	87.1	93.8	91.3	88.8	83.1	77.4	123.5
85°	19.9	21.6	26.9	32.2	35.3	38.4	36.1	33.8	36.6	39.3	49.0
87.5°	11.0	11.0	12.7	14.4	15.2	16.1	15.0	14.0	13.5	13.1	14.2
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):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9
2.5°	1304.2	1296.4	1291.5	1285.7	1280.5	1278.0	1275.4	1274.2	1277.6	1274.2	1270.8
5°	1335.0	1324.5	1315.2	1306.6	1298.3	1294.9	1291.5	1286.4	1288.1	1285.2	1282.2
7.5°	1372.7	1360.4	1347.8	1335.8	1325.0	1319.2	1313.5	1305.0	1301.6	1298.5	1295.3
10°	1412.4	1399.3	1385.8	1368.6	1354.5	1344.1	1333.8	1323.2	1314.4	1314.8	1315.2
12.5°	1466.9	1451.9	1435.6	1411.9	1396.4	1382.4	1368.5	1357.4	1346.9	1346.5	1346.0
15°	1534.6	1515.1	1496.9	1470.8	1453.4	1435.9	1418.4	1409.4	1393.0	1380.9	1368.8
17.5°	1604.4	1584.1	1565.1	1537.9	1514.7	1494.8	1475.0	1462.3	1433.6	1406.7	1379.8
20°	1678.8	1654.0	1634.0	1607.8	1579.4	1558.9	1538.4	1508.4	1467.8	1425.1	1382.4
22.5°	1757.4	1730.3	1707.9	1682.1	1655.1	1628.4	1601.8	1551.5	1499.5	1441.8	1384.1
25°	1843.2	1815.3	1792.4	1771.6	1751.0	1713.2	1675.4	1609.0	1539.2	1464.8	1390.4
27.5°	1933.7	1908.7	1888.0	1871.5	1858.0	1807.7	1757.4	1675.8	1585.3	1491.2	1397.2
30°	2028.4	2010.4	1994.6	1985.6	1982.7	1913.6	1844.5	1744.3	1631.4	1514.9	1398.4
32.5°	2131.2	2126.7	2117.6	2120.4	2119.6	2033.4	1947.2	1820.0	1680.0	1535.9	1391.8
35°	2250.8	2270.0	2279.5	2302.5	2310.0	2209.1	2108.2	1941.3	1757.4	1567.4	1377.4
37.5°	2397.0	2443.5	2482.9	2533.9	2578.4	2477.8	2377.2	2150.6	1882.1	1623.8	1365.5
40°	2564.4	2643.3	2722.6	2845.7	2942.0	2842.6	2743.3	2467.6	2112.9	1737.5	1362.1
42.5°	2737.0	2869.7	3002.4	3209.5	3344.0	3193.0	3042.2	2722.1	2319.2	1841.3	1363.4
45°	2920.8	3115.9	3288.6	3535.8	3658.9	3462.6	3266.2	2916.6	2458.8	1912.8	1366.8
47.5°	3102.2	3327.3	3551.2	3817.2	3910.9	3702.5	3494.0	3101.8	2581.4	1953.6	1325.8
50°	3228.6	3501.2	3798.0	4060.3	4141.3	3922.5	3703.8	3275.1	2672.6	1941.1	1209.5
52.5°	3304.2	3658.1	4042.0	4276.7	4345.9	4118.2	3890.6	3434.0	2734.0	1902.0	1070.0
55°	3327.6	3776.0	4268.6	4475.7	4537.8	4309.4	4080.8	3587.5	2768.2	1846.4	924.6
57.5°	3271.2	3843.7	4464.8	4683.4	4781.8	4528.8	4275.8	3709.2	2811.3	1804.3	797.3
60°	3105.2	3864.6	4690.0	4927.0	5000.8	4723.6	4446.6	3833.1	2871.4	1766.9	662.4
62.5°	3015.9	3942.0	4898.0	5165.7	5216.8	4901.7	4586.5	3962.4	2901.8	1714.7	527.6
65°	2956.3	4050.6	5176.6	5403.8	5407.5	5050.6	4693.8	4006.9	2827.0	1606.4	386.0
67.5°	2905.6	4100.7	5366.4	5501.2	5431.5	5047.7	4663.8	3887.6	2672.2	1484.9	297.6
70°	2788.0	3943.2	5237.5	5448.0	5322.5	4854.9	4387.4	3552.0	2421.6	1330.2	238.9
72.5°	2503.6	3563.2	4762.8	5000.0	4963.2	4424.8	3886.4	3095.0	2006.4	1096.0	185.6
75°	2012.8	2569.1	3289.8	3985.7	4230.5	3700.0	3169.4	2409.3	1317.7	726.5	135.3
77.5°	1272.9	1590.6	2036.4	2590.9	2831.6	2475.2	2118.8	1459.4	742.8	413.6	84.6
80°	387.7	509.2	652.8	858.9	952.0	978.5	1004.9	784.2	399.1	228.1	57.0
82.5°	169.6	228.5	287.0	397.8	490.0	499.0	508.2	391.9	144.6	91.1	37.6
85°	58.8	68.5	93.4	158.2	218.6	220.0	221.5	145.4	25.4	21.1	16.9
87.5°	15.2	9.7	8.5	7.2	6.8	6.1	5.5	5.5	5.5	5.5	5.5
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):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9
2.5°	1268.0	1265.3	1265.5	1265.7	1266.1	1266.6	1267.8	1269.1	1270.4	1271.6	1272.9
5°	1279.0	1275.9	1274.4	1272.9	1272.7	1272.5	1273.8	1275.1	1278.8	1282.6	1286.2
7.5°	1293.2	1291.1	1291.7	1292.4	1296.4	1300.4	1303.5	1306.7	1310.7	1314.8	1318.4
10°	1314.8	1314.4	1312.9	1311.4	1309.5	1307.6	1307.0	1306.3	1310.8	1315.2	1315.4
12.5°	1338.4	1330.8	1322.4	1313.9	1308.2	1302.5	1296.8	1291.1	1291.1	1291.1	1289.4
15°	1352.6	1336.4	1320.7	1305.1	1291.7	1278.4	1267.8	1257.3	1255.0	1252.6	1243.6
17.5°	1353.4	1327.0	1303.1	1279.2	1257.5	1235.7	1216.9	1198.1	1191.1	1184.2	1177.2
20°	1344.8	1307.2	1271.8	1236.6	1204.4	1172.3	1145.2	1118.2	1107.4	1096.6	1090.9
22.5°	1332.3	1280.6	1232.6	1184.6	1139.3	1094.1	1058.6	1023.1	1005.8	988.4	981.6
25°	1322.0	1253.4	1188.4	1123.2	1062.0	1000.7	954.8	909.0	885.2	861.6	854.0
27.5°	1306.7	1216.2	1130.6	1045.0	968.1	891.2	834.7	778.3	755.9	733.5	719.9
30°	1282.2	1166.0	1058.8	951.6	857.2	762.6	709.6	656.6	629.9	603.3	590.6
32.5°	1251.6	1111.4	980.6	849.8	750.8	651.9	595.2	538.6	521.9	505.2	494.0
35°	1209.3	1041.2	880.0	718.6	623.3	528.0	488.3	448.6	432.1	415.6	407.8
37.5°	1157.7	950.0	768.0	586.0	506.7	427.4	390.0	352.5	336.9	321.2	322.3
40°	1099.2	836.2	643.8	451.5	391.5	331.4	293.6	255.8	256.4	257.0	272.7
42.5°	1022.4	681.5	509.2	337.0	291.1	245.2	237.6	230.0	238.7	247.4	262.1
45°	933.4	500.1	378.2	256.2	243.3	230.4	228.1	225.8	232.9	240.1	255.8
47.5°	845.3	364.8	304.4	244.0	236.6	229.2	227.0	224.9	230.6	236.4	253.7
50°	755.0	300.6	273.5	246.4	239.0	231.6	228.3	224.9	228.3	231.6	248.6
52.5°	674.9	279.8	263.6	247.3	240.5	233.8	229.3	224.9	226.8	228.7	241.2
55°	599.9	275.2	260.8	246.5	240.1	233.8	232.7	231.7	231.5	231.2	240.3
57.5°	532.2	267.2	254.1	241.0	235.7	230.4	233.6	236.7	234.8	233.0	243.3
60°	459.1	255.8	244.1	232.5	228.5	224.4	226.0	227.4	233.4	239.2	259.1
62.5°	382.8	238.0	230.2	222.4	220.0	217.7	217.7	217.7	230.0	242.2	271.8
65°	301.4	216.9	213.5	210.1	211.8	213.5	213.0	212.6	231.6	250.7	253.7
67.5°	245.2	192.8	192.0	191.1	197.2	203.4	205.9	208.4	219.6	230.8	228.1
70°	200.8	162.8	164.4	166.2	178.2	190.2	198.7	207.2	214.8	222.4	219.4
72.5°	157.6	129.8	129.1	128.5	150.9	173.4	185.6	197.8	208.0	218.2	214.6
75°	115.8	96.4	94.7	93.0	119.8	146.7	165.5	184.3	192.4	200.4	195.3
77.5°	73.1	61.8	62.8	63.8	78.8	93.8	123.6	153.4	167.2	181.0	185.6
80°	46.7	36.4	37.6	38.8	50.3	61.8	91.8	121.8	140.4	159.0	169.9
82.5°	30.9	24.1	24.3	24.6	28.1	31.7	53.5	75.2	102.9	130.6	143.9
85°	15.0	13.1	13.3	13.6	16.1	18.6	25.6	32.6	60.4	88.4	100.8
87.5°	5.5	5.5	5.5	5.5	6.4	7.2	10.2	13.1	24.7	36.3	45.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P#####

CATALOG NUMBER: VERD-A028-E-U-T2T3-AP

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9
2.5°	1274.2	1275.9	1277.6	1272.9	1277.6	1275.9	1274.2	1272.9	1271.6	1270.4	1269.1
5°	1289.8	1291.7	1293.6	1289.4	1293.6	1291.7	1289.8	1286.2	1282.6	1278.8	1275.1
7.5°	1322.0	1324.0	1326.2	1324.1	1326.2	1324.0	1322.0	1318.4	1314.8	1310.7	1306.7
10°	1315.6	1317.9	1320.2	1316.4	1320.2	1317.9	1315.6	1315.4	1315.2	1310.8	1306.3
12.5°	1287.7	1287.1	1286.4	1284.4	1286.4	1287.1	1287.7	1289.4	1291.1	1291.1	1291.1
15°	1234.4	1234.0	1233.6	1224.8	1233.6	1234.0	1234.4	1243.6	1252.6	1255.0	1257.3
17.5°	1170.2	1163.4	1156.7	1149.0	1156.7	1163.4	1170.2	1177.2	1184.2	1191.1	1198.1
20°	1085.2	1073.4	1061.5	1059.8	1061.5	1073.4	1085.2	1090.9	1096.6	1107.4	1118.2
22.5°	974.9	962.4	950.0	942.3	950.0	962.4	974.9	981.6	988.4	1005.8	1023.1
25°	846.4	835.0	823.6	818.0	823.6	835.0	846.4	854.0	861.6	885.2	909.0
27.5°	706.4	696.7	687.0	673.0	687.0	696.7	706.4	719.9	733.5	755.9	778.3
30°	577.9	572.6	567.3	563.5	567.3	572.6	577.9	590.6	603.3	629.9	656.6
32.5°	482.8	481.5	480.2	484.5	480.2	481.5	482.8	494.0	505.2	521.9	538.6
35°	400.0	395.9	391.9	391.4	391.9	395.9	400.0	407.8	415.6	432.1	448.6
37.5°	323.4	324.5	325.6	328.9	325.6	324.5	323.4	322.3	321.2	336.9	352.5
40°	288.4	297.0	305.6	306.5	305.6	297.0	288.4	272.7	257.0	256.4	255.8
42.5°	276.9	283.0	289.2	285.0	289.2	283.0	276.9	262.1	247.4	238.7	230.0
45°	271.4	276.7	282.0	279.8	282.0	276.7	271.4	255.8	240.1	232.9	225.8
47.5°	271.0	277.4	283.7	283.2	283.7	277.4	271.0	253.7	236.4	230.6	224.9
50°	265.5	274.0	282.4	279.8	282.4	274.0	265.5	248.6	231.6	228.3	224.9
52.5°	253.6	259.6	265.5	262.5	265.5	259.6	253.6	241.2	228.7	226.8	224.9
55°	249.4	248.4	247.4	248.6	247.4	248.4	249.4	240.3	231.2	231.5	231.7
57.5°	253.6	251.8	249.8	246.5	249.8	251.8	253.6	243.3	233.0	234.8	236.7
60°	279.0	276.9	274.8	269.2	274.8	276.9	279.0	259.1	239.2	233.4	227.4
62.5°	301.4	287.9	274.4	267.2	274.4	287.9	301.4	271.8	242.2	230.0	217.7
65°	256.6	246.7	236.8	236.4	236.8	246.7	256.6	253.7	250.7	231.6	212.6
67.5°	225.3	216.8	208.4	207.6	208.4	216.8	225.3	228.1	230.8	219.6	208.4
70°	216.4	206.1	195.8	193.6	195.8	206.1	216.4	219.4	222.4	214.8	207.2
72.5°	211.0	195.7	180.5	177.1	180.5	195.7	211.0	214.6	218.2	208.0	197.8
75°	190.2	169.3	148.4	141.6	148.4	169.3	190.2	195.3	200.4	192.4	184.3
77.5°	190.2	171.6	153.0	140.8	153.0	171.6	190.2	185.6	181.0	167.2	153.4
80°	180.9	156.8	132.8	113.8	132.8	156.8	180.9	169.9	159.0	140.4	121.8
82.5°	157.2	138.9	120.4	94.7	120.4	138.9	157.2	143.9	130.6	102.9	75.2
85°	113.3	110.8	108.2	96.8	108.2	110.8	113.3	100.8	88.4	60.4	32.6
87.5°	53.6	59.2	64.6	63.0	64.6	59.2	53.6	45.0	36.3	24.7	13.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P#####

CATALOG NUMBER: VERD-A028-E-U-T2T3-AP

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9
2.5°	1267.8	1266.6	1266.1	1265.7	1265.5	1265.3	1268.0	1270.8	1274.2	1277.6	1274.2
5°	1273.8	1272.5	1272.7	1272.9	1274.4	1275.9	1279.0	1282.2	1285.2	1288.1	1286.4
7.5°	1303.5	1300.4	1296.4	1292.4	1291.7	1291.1	1293.2	1295.3	1298.5	1301.6	1305.0
10°	1307.0	1307.6	1309.5	1311.4	1312.9	1314.4	1314.8	1315.2	1314.8	1314.4	1323.2
12.5°	1296.8	1302.5	1308.2	1313.9	1322.4	1330.8	1338.4	1346.0	1346.5	1346.9	1357.4
15°	1267.8	1278.4	1291.7	1305.1	1320.7	1336.4	1352.6	1368.8	1380.9	1393.0	1409.4
17.5°	1216.9	1235.7	1257.5	1279.2	1303.1	1327.0	1353.4	1379.8	1406.7	1433.6	1462.3
20°	1145.2	1172.3	1204.4	1236.6	1271.8	1307.2	1344.8	1382.4	1425.1	1467.8	1508.4
22.5°	1058.6	1094.1	1139.3	1184.6	1232.6	1280.6	1332.3	1384.1	1441.8	1499.5	1551.5
25°	954.8	1000.7	1062.0	1123.2	1188.4	1253.4	1322.0	1390.4	1464.8	1539.2	1609.0
27.5°	834.7	891.2	968.1	1045.0	1130.6	1216.2	1306.7	1397.2	1491.2	1585.3	1675.8
30°	709.6	762.6	857.2	951.6	1058.8	1166.0	1282.2	1398.4	1514.9	1631.4	1744.3
32.5°	595.2	651.9	750.8	849.8	980.6	1111.4	1251.6	1391.8	1535.9	1680.0	1820.0
35°	488.3	528.0	623.3	718.6	880.0	1041.2	1209.3	1377.4	1567.4	1757.4	1941.3
37.5°	390.0	427.4	506.7	586.0	768.0	950.0	1157.7	1365.5	1623.8	1882.1	2150.6
40°	293.6	331.4	391.5	451.5	643.8	836.2	1099.2	1362.1	1737.5	2112.9	2467.6
42.5°	237.6	245.2	291.1	337.0	509.2	681.5	1022.4	1363.4	1841.3	2319.2	2722.1
45°	228.1	230.4	243.3	256.2	378.2	500.1	933.4	1366.8	1912.8	2458.8	2916.6
47.5°	227.0	229.2	236.6	244.0	304.4	364.8	845.3	1325.8	1953.6	2581.4	3101.8
50°	228.3	231.6	239.0	246.4	273.5	300.6	755.0	1209.5	1941.1	2672.6	3275.1
52.5°	229.3	233.8	240.5	247.3	263.6	279.8	674.9	1070.0	1902.0	2734.0	3434.0
55°	232.7	233.8	240.1	246.5	260.8	275.2	599.9	924.6	1846.4	2768.2	3587.5
57.5°	233.6	230.4	235.7	241.0	254.1	267.2	532.2	797.3	1804.3	2811.3	3709.2
60°	226.0	224.4	228.5	232.5	244.1	255.8	459.1	662.4	1766.9	2871.4	3833.1
62.5°	217.7	217.7	220.0	222.4	230.2	238.0	382.8	527.6	1714.7	2901.8	3962.4
65°	213.0	213.5	211.8	210.1	213.5	216.9	301.4	386.0	1606.4	2827.0	4006.9
67.5°	205.9	203.4	197.2	191.1	192.0	192.8	245.2	297.6	1484.9	2672.2	3887.6
70°	198.7	190.2	178.2	166.2	164.4	162.8	200.8	238.9	1330.2	2421.6	3552.0
72.5°	185.6	173.4	150.9	128.5	129.1	129.8	157.6	185.6	1096.0	2006.4	3095.0
75°	165.5	146.7	119.8	93.0	94.7	96.4	115.8	135.3	726.5	1317.7	2409.3
77.5°	123.6	93.8	78.8	63.8	62.8	61.8	73.1	84.6	413.6	742.8	1459.4
80°	91.8	61.8	50.3	38.8	37.6	36.4	46.7	57.0	228.1	399.1	784.2
82.5°	53.5	31.7	28.1	24.6	24.3	24.1	30.9	37.6	91.1	144.6	391.9
85°	25.6	18.6	16.1	13.6	13.3	13.1	15.0	16.9	21.1	25.4	145.4
87.5°	10.2	7.2	6.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P#####
 CATALOG NUMBER: VERD-A028-E-U-T2T3-AP

REPORT N
 CATALOG

CANDELA DISTRIBUTION (continued):

CANDELA

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°	
0°	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	0°
2.5°	1275.4	1278.0	1280.5	1285.7	1291.5	1296.4	1304.2	1309.1	1313.9	1316.5	1319.0	2.5°
5°	1291.5	1294.9	1298.3	1306.6	1315.2	1324.5	1335.0	1342.4	1349.8	1355.1	1360.4	5°
7.5°	1313.5	1319.2	1325.0	1335.8	1347.8	1360.4	1372.7	1380.9	1389.2	1396.8	1404.4	7.5°
10°	1333.8	1344.1	1354.5	1368.6	1385.8	1399.3	1412.4	1424.3	1436.1	1447.3	1458.6	10°
12.5°	1368.5	1382.4	1396.4	1411.9	1435.6	1451.9	1466.9	1482.0	1497.0	1514.8	1532.5	12.5°
15°	1418.4	1435.9	1453.4	1470.8	1496.9	1515.1	1534.6	1556.6	1578.6	1595.7	1612.8	15°
17.5°	1475.0	1494.8	1514.7	1537.9	1565.1	1584.1	1604.4	1629.3	1654.2	1672.8	1691.4	17.5°
20°	1538.4	1558.9	1579.4	1607.8	1634.0	1654.0	1678.8	1702.8	1727.0	1746.8	1766.7	20°
22.5°	1601.8	1628.4	1655.1	1682.1	1707.9	1730.3	1757.4	1780.4	1803.5	1827.4	1851.2	22.5°
25°	1675.4	1713.2	1751.0	1771.6	1792.4	1815.3	1843.2	1867.7	1892.2	1917.2	1942.1	25°
27.5°	1757.4	1807.7	1858.0	1871.5	1888.0	1908.7	1933.7	1959.5	1985.2	2009.2	2033.0	27.5°
30°	1844.5	1913.6	1982.7	1985.6	1994.6	2010.4	2028.4	2054.6	2080.8	2098.6	2116.3	30°
32.5°	1947.2	2033.4	2119.6	2120.4	2117.6	2126.7	2131.2	2157.8	2184.4	2193.0	2201.7	32.5°
35°	2108.2	2209.1	2310.0	2302.5	2279.5	2270.0	2250.8	2272.1	2293.4	2285.0	2276.6	35°
37.5°	2377.2	2477.8	2578.4	2533.9	2482.9	2443.5	2397.0	2399.4	2401.6	2366.2	2330.6	37.5°
40°	2743.3	2842.6	2942.0	2845.7	2722.6	2643.3	2564.4	2527.9	2491.3	2422.8	2354.4	40°
42.5°	3042.2	3193.0	3344.0	3209.5	3002.4	2869.7	2737.0	2656.8	2576.7	2466.8	2356.9	42.5°
45°	3266.2	3462.6	3658.9	3535.8	3288.6	3115.9	2920.8	2784.9	2649.0	2492.1	2335.3	45°
47.5°	3494.0	3702.5	3910.9	3817.2	3551.2	3327.3	3102.2	2899.9	2697.6	2493.4	2289.2	47.5°
50°	3703.8	3922.5	4141.3	4060.3	3798.0	3501.2	3228.6	2973.8	2719.1	2471.6	2224.2	50°
52.5°	3890.6	4118.2	4345.9	4276.7	4042.0	3658.1	3304.2	3003.2	2702.2	2434.9	2167.5	52.5°
55°	4080.8	4309.4	4537.8	4475.7	4268.6	3776.0	3327.6	2965.2	2602.9	2341.9	2080.8	55°
57.5°	4275.8	4528.8	4781.8	4683.4	4464.8	3843.7	3271.2	2870.9	2470.6	2225.8	1981.0	57.5°
60°	4446.6	4723.6	5000.8	4927.0	4690.0	3864.6	3105.2	2726.4	2347.6	2104.5	1861.4	60°
62.5°	4586.5	4901.7	5216.8	5165.7	4898.0	3942.0	3015.9	2654.2	2292.6	2023.9	1755.2	62.5°
65°	4693.8	5050.6	5407.5	5403.8	5176.6	4050.6	2956.3	2607.5	2258.8	1934.8	1610.7	65°
67.5°	4663.8	5047.7	5431.5	5501.2	5366.4	4100.7	2905.6	2519.8	2134.0	1793.1	1452.1	67.5°
70°	4387.4	4854.9	5322.5	5448.0	5237.5	3943.2	2788.0	2343.5	1899.0	1566.3	1233.6	70°
72.5°	3886.4	4424.8	4963.2	5000.0	4762.8	3563.2	2503.6	2026.7	1549.8	1237.2	924.6	72.5°
75°	3169.4	3700.0	4230.5	3985.7	3289.8	2569.1	2012.8	1541.4	1070.0	845.1	620.2	75°
77.5°	2118.8	2475.2	2831.6	2590.9	2036.4	1590.6	1272.9	864.5	456.2	402.6	349.2	77.5°
80°	1004.9	978.5	952.0	858.9	652.8	509.2	387.7	305.9	224.0	205.9	187.7	80°
82.5°	508.2	499.0	490.0	397.8	287.0	228.5	169.6	123.5	77.4	83.1	88.8	82.5°
85°	221.5	220.0	218.6	158.2	93.4	68.5	58.8	49.0	39.3	36.6	33.8	85°
87.5°	5.5	6.1	6.8	7.2	8.5	9.7	15.2	14.2	13.1	13.5	14.0	87.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90°



NUMBER: P#####

NUMBER: VERD-A028-E-U-T2T3-AP

DISTRIBUTION (continued):

330°	335°	340°	345°	350°	355°	360°
1283.9	1283.9	1283.9	1283.9	1283.9	1283.9	1283.9
1322.2	1325.4	1329.4	1333.4	1332.5	1331.7	1333.8
1365.7	1371.0	1375.4	1379.8	1379.0	1378.2	1379.8
1411.4	1418.3	1423.6	1428.9	1428.9	1428.9	1431.0
1469.5	1480.5	1487.5	1494.4	1494.6	1494.8	1497.4
1542.6	1552.8	1561.5	1570.2	1569.1	1568.0	1570.1
1623.2	1633.5	1642.2	1650.8	1649.0	1647.0	1651.7
1701.2	1710.9	1719.1	1727.4	1727.2	1727.0	1732.0
1776.0	1785.3	1794.0	1802.6	1802.0	1801.4	1801.4
1859.7	1868.2	1872.0	1875.8	1872.8	1869.8	1866.5
1950.8	1959.4	1954.6	1949.8	1940.0	1930.3	1927.4
2035.2	2037.2	2028.8	2020.4	2011.9	2003.4	1998.0
2111.4	2106.6	2090.5	2074.4	2063.7	2052.9	2050.8
2182.4	2163.2	2131.7	2100.2	2080.0	2059.7	2050.8
2240.2	2203.8	2157.3	2110.8	2079.4	2047.8	2039.0
2270.8	2211.0	2155.4	2099.8	2071.1	2042.4	2035.6
2271.5	2188.6	2133.4	2078.2	2049.5	2020.8	2009.4
2253.1	2149.3	2084.4	2019.5	1978.3	1937.1	1924.0
2210.4	2085.4	2009.2	1932.8	1892.9	1852.9	1842.8
2151.6	2014.0	1934.8	1855.4	1813.8	1772.2	1754.8
2083.6	1943.0	1850.0	1757.0	1674.3	1591.6	1568.8
2011.9	1856.3	1723.6	1590.8	1542.0	1493.2	1482.6
1895.4	1710.0	1605.6	1501.2	1460.0	1418.8	1409.5
1787.0	1592.9	1509.0	1425.1	1381.8	1338.4	1326.6
1678.4	1495.3	1416.9	1338.4	1295.3	1252.2	1238.7
1575.6	1395.9	1313.5	1231.0	1195.8	1160.4	1150.3
1439.1	1267.4	1189.0	1110.6	1082.1	1053.5	1039.1
1284.5	1116.9	1040.8	964.7	942.3	920.0	906.4
1080.4	927.1	862.6	798.2	775.5	752.9	743.2
813.4	702.2	661.0	619.8	602.8	586.0	578.8
577.3	534.4	502.8	471.4	452.1	432.9	428.7
312.8	276.5	252.8	229.2	210.1	191.1	196.1
169.7	151.8	138.4	125.2	90.5	55.8	53.7
91.3	93.8	87.1	80.3	59.6	38.9	35.9
36.1	38.4	35.3	32.2	26.9	21.6	19.9
15.0	16.1	15.2	14.4	12.7	11.0	11.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)