

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: P530760

Luminaire Tested: **GLAN-SA6A-730-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P530760
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA6A-730-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18393 lumens
Efficiency: N/A
Efficacy: 101.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 182
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



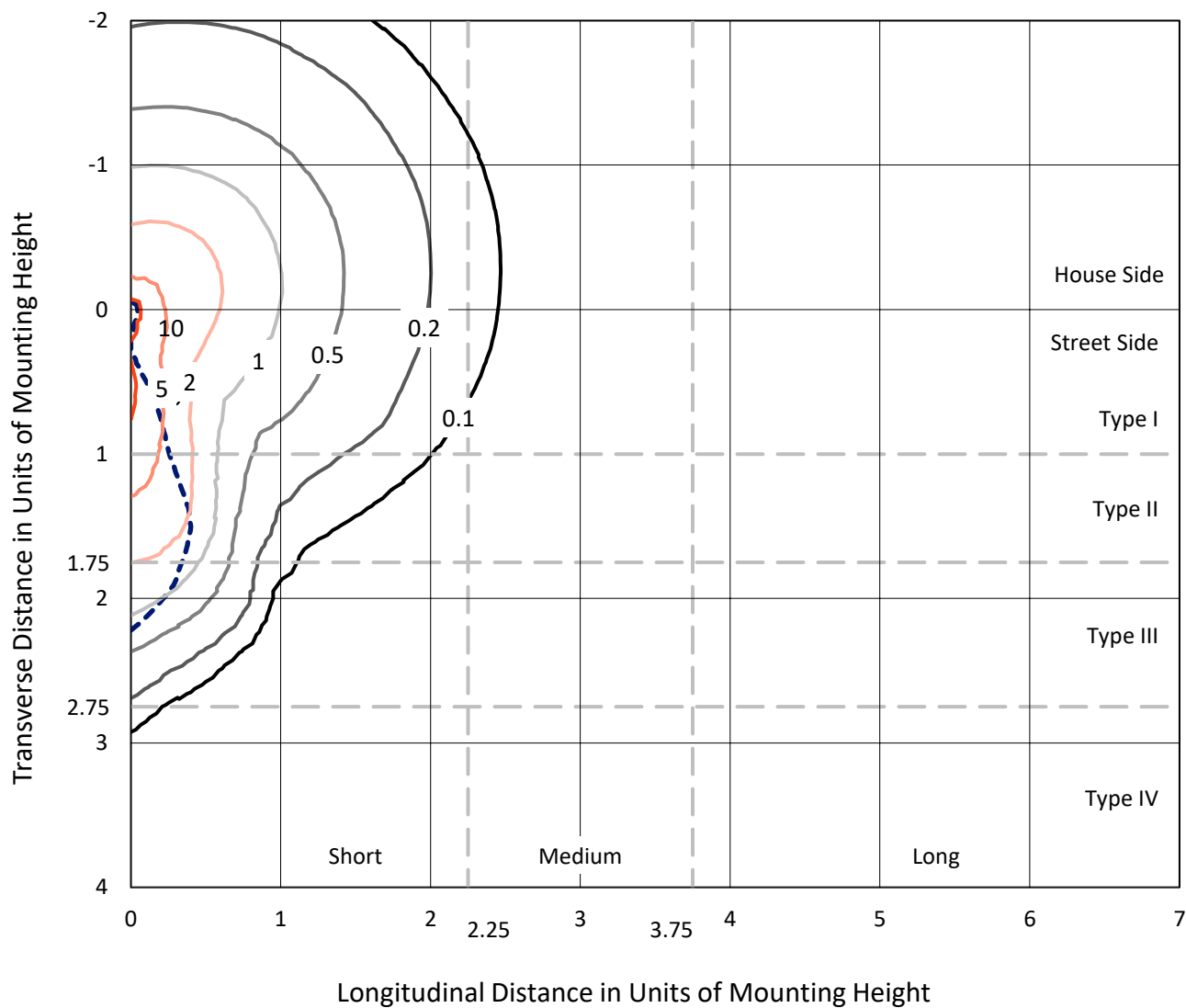
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

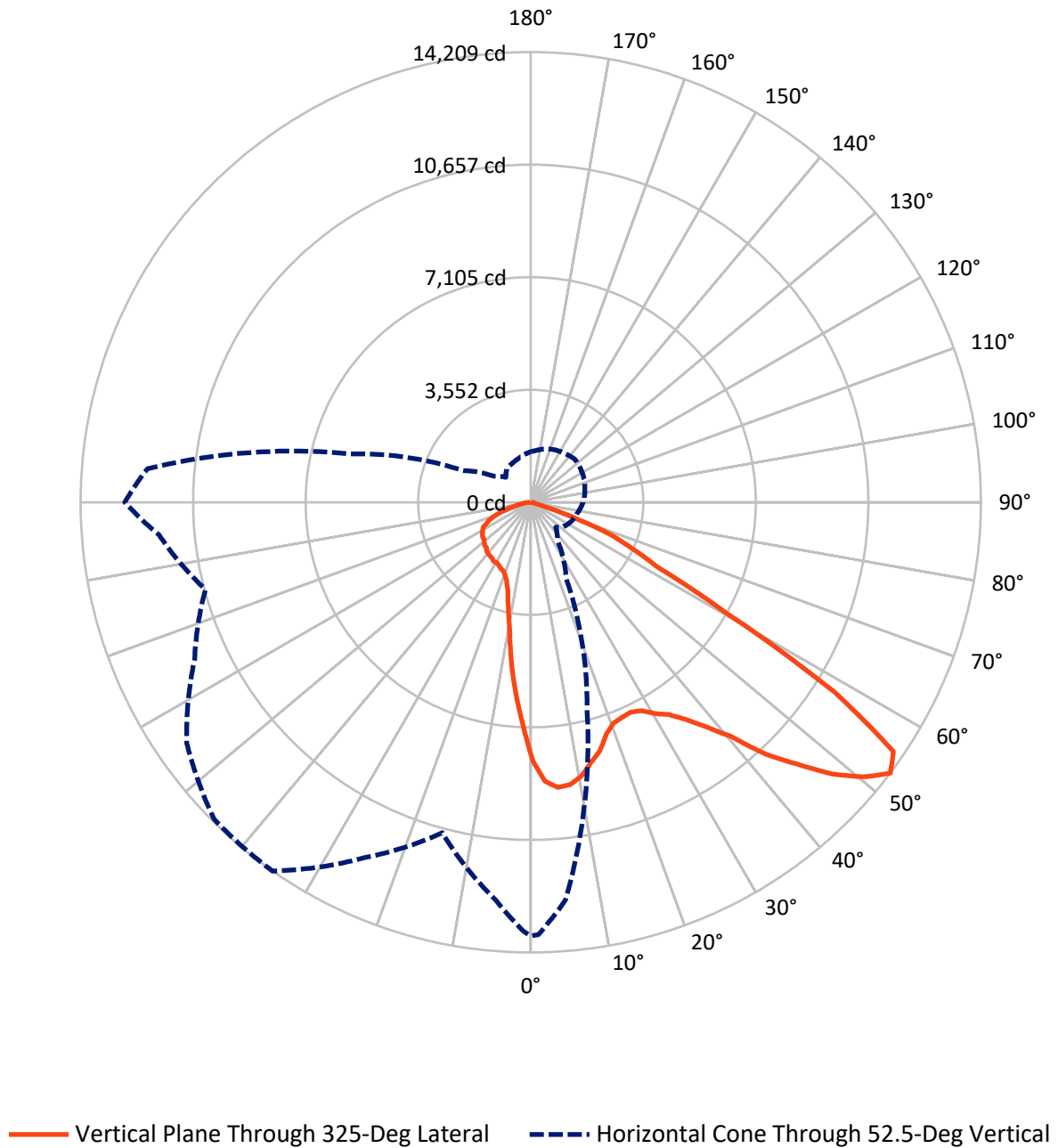
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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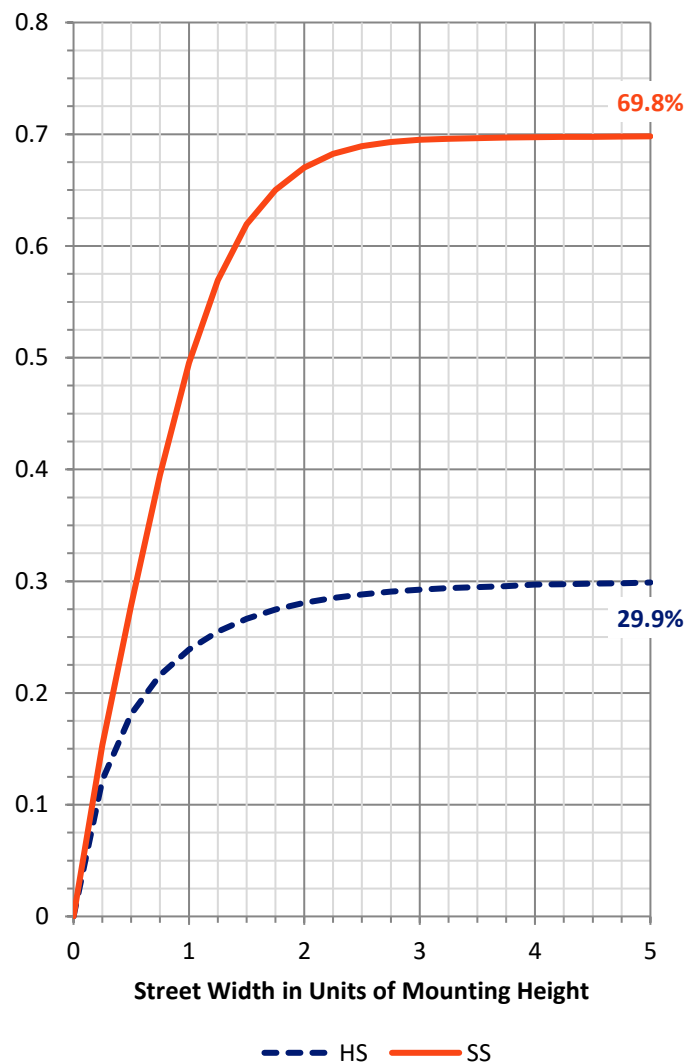
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5544.7	0.0	5544.7
	% Fixture	30.1	0.0	30.1
Street Side	Lumens	12848.3	0.0	12848.3
	% Fixture	69.9	0.0	69.9
Total	Lumens	18393.0	0.0	18393.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	622.8	3.4
10°-20°	1350.1	7.3
20°-30°	2039.8	11.1
30°-40°	2947.6	16.0
40°-50°	3922.8	21.3
50°-60°	4387.7	23.9
60°-70°	2472.9	13.4
70°-80°	551.2	3.0
80°-90°	98.2	0.5
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°	18393.0	100.0
0°-180°	18393.0	100.0

Coefficient of Utilization



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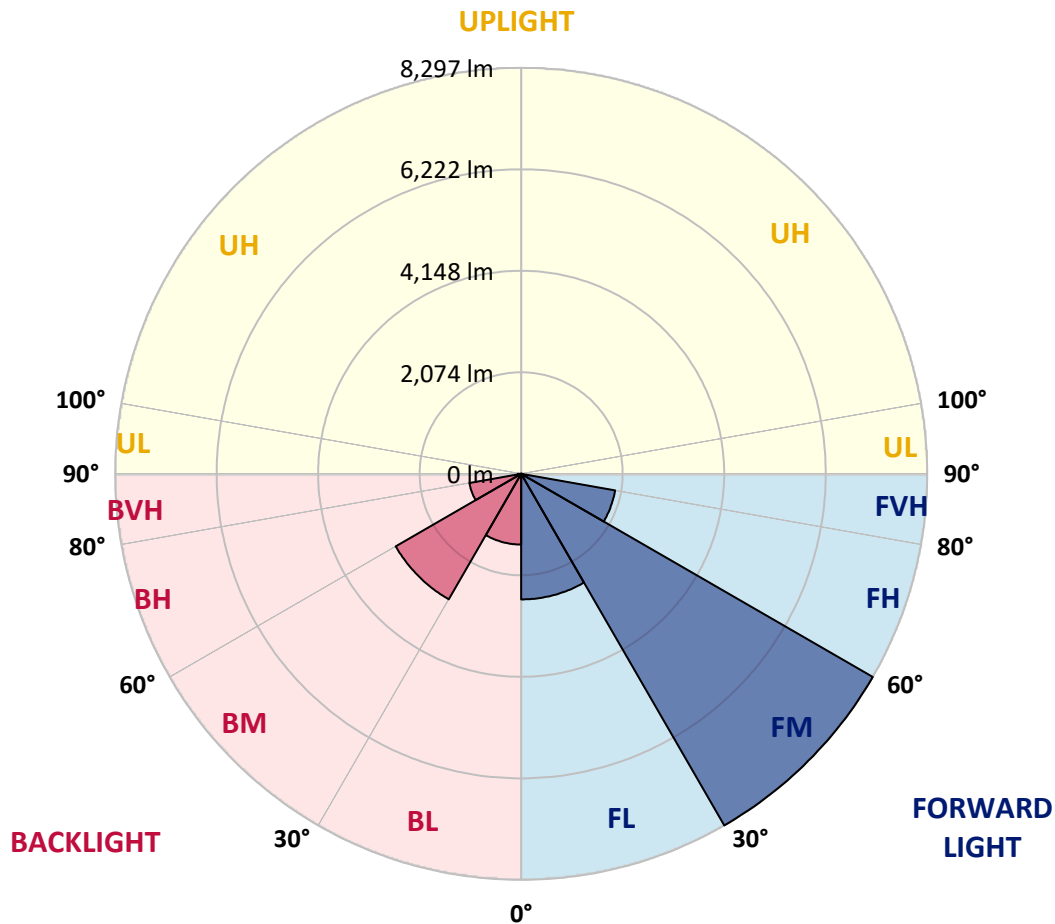
CATALOG NUMBER: GLAN-SA6A-730-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2566.7	14.0			
FM	(30°-60°)	8296.6	45.1			
FH	(60°-80°)	1949.4	10.6			G2/5000
FVH	(80°-90°)	35.5	0.2			G1/100
BL	(0°-30°)	1445.9	7.9	B3/2500		
BM	(30°-60°)	2961.4	16.1	B3/5000		
BH	(60°-80°)	1074.7	5.8	B3/2500		G3/2500
BVH	(80°-90°)	62.6	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9
2.5°	8298.9	8432.2	8288.2	8032.3	7851.0	7685.7	7512.5	7477.8	7251.2	7211.2	7045.9
5°	7827.0	7797.7	7621.8	7285.9	6915.3	6579.4	6331.5	6091.5	5928.9	5739.6	5726.3
7.5°	7253.9	7083.2	6981.9	6472.8	6014.2	5486.4	5259.8	4894.6	4779.9	4609.3	4521.3
10°	6742.0	6616.7	6379.5	5870.3	5230.5	4881.2	4638.6	4441.4	4308.1	4132.1	3910.8
12.5°	6488.8	6438.1	6171.5	5382.4	4907.9	4534.7	4364.0	4172.1	3945.5	3662.9	3553.6
15°	6534.1	6363.5	6160.9	5289.1	4633.3	4273.4	4001.5	3761.6	3471.0	3201.7	3044.4
17.5°	6872.6	6742.0	6336.8	5347.8	4529.3	4009.5	3516.3	3161.7	2900.5	2657.9	2548.6
20°	7539.1	7349.8	6894.0	5422.4	4305.4	3641.6	3076.4	2639.2	2359.3	2231.3	2194.0
22.5°	8277.6	8165.6	7437.8	5590.4	4126.8	3300.4	2609.9	2172.7	2068.7	2034.1	2103.4
25°	9176.0	8885.4	8282.9	5864.9	3988.2	3009.8	2215.3	1972.8	1919.4	1954.1	2034.1
27.5°	9858.4	9781.1	8874.7	6123.5	3798.9	2660.5	1994.1	1834.1	1850.1	1884.8	1959.4
30°	10668.9	10277.0	9447.9	6302.1	3628.3	2420.6	1839.5	1796.8	1812.8	1871.4	1908.8
32.5°	11156.7	11010.1	9807.8	6571.4	3431.0	2212.7	1719.5	1679.5	1703.5	1791.5	1879.4
35°	11777.9	11487.3	10253.0	6640.7	3292.4	2130.0	1634.2	1604.9	1660.8	1722.2	1820.8
37.5°	12503.0	12303.0	10868.8	6592.7	3217.7	2044.7	1562.2	1548.9	1588.9	1674.2	1788.8
40°	12932.2	12870.9	11191.4	6622.0	3100.4	1970.1	1479.6	1495.6	1578.2	1644.8	1756.8
42.5°	13345.4	12945.5	11668.6	6611.4	3025.8	1868.8	1487.6	1468.9	1532.9	1610.2	1716.8
45°	13436.0	13038.8	11780.5	6536.7	2935.1	1770.1	1426.2	1434.2	1511.6	1607.5	1676.8
47.5°	13377.4	13084.1	11988.5	6515.4	2849.8	1700.8	1335.6	1431.6	1476.9	1554.2	1652.8
50°	13337.4	13321.4	12164.4	6616.7	2735.2	1591.5	1226.3	1396.9	1442.2	1519.6	1626.2
52.5°	13689.3	13654.6	12604.3	6883.3	2644.6	1474.2	1114.3	1308.9	1418.2	1492.9	1596.9
55°	13902.6	13750.6	13358.7	7211.2	2492.6	1319.6	1037.0	1199.6	1359.6	1426.2	1532.9
57.5°	12505.6	12401.7	12084.4	6731.3	2236.7	1117.0	941.1	1087.7	1279.6	1383.6	1492.9
60°	10404.9	10242.3	9429.2	5721.0	1650.2	869.1	882.4	999.7	1258.3	1298.3	1426.2
62.5°	9810.4	9407.9	8301.6	4604.0	1266.3	746.4	791.8	919.7	1146.3	1213.0	1340.9
65°	7784.4	7485.8	5939.6	3324.4	847.8	647.8	722.5	829.1	989.0	1119.7	1237.0
67.5°	4873.2	4588.0	3169.7	1572.9	591.8	554.5	645.1	757.1	887.7	1005.0	1135.7
70°	2545.9	2234.0	1463.6	567.8	407.9	453.2	538.5	645.1	773.1	869.1	970.4
72.5°	949.1	770.4	477.2	245.3	282.6	346.6	437.2	514.5	605.2	722.5	778.4
75°	146.6	125.3	122.6	149.3	191.9	250.6	311.9	389.2	469.2	543.8	581.2
77.5°	69.3	66.6	74.6	98.6	128.0	178.6	226.6	301.2	365.2	413.2	434.5
80°	45.3	42.7	48.0	66.6	96.0	133.3	181.3	231.9	290.6	330.6	325.2
82.5°	26.7	29.3	29.3	45.3	66.6	96.0	130.6	175.9	215.9	250.6	229.3
85°	16.0	13.3	13.3	26.7	45.3	77.3	109.3	74.6	77.3	77.3	88.0
87.5°	5.3	5.3	5.3	2.7	5.3	5.3	8.0	13.3	16.0	18.7	24.0
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9
2.5°	7040.6	7123.2	7093.9	6989.9	7069.9	7083.2	7029.9	7213.9	7248.5	7192.5	7208.5
5°	5707.7	5729.0	5777.0	5878.3	5950.2	6035.6	6035.6	6040.9	5968.9	6150.2	6096.9
7.5°	4446.7	4460.0	4516.0	4731.9	4793.3	4955.9	5025.2	4977.2	4833.2	4771.9	4822.6
10°	3838.9	3761.6	3742.9	3769.6	3908.2	3977.5	4036.1	4020.1	3996.2	3948.2	3894.9
12.5°	3433.7	3377.7	3332.4	3268.4	3276.4	3343.0	3388.3	3351.0	3361.7	3372.3	3388.3
15°	2993.8	2953.8	2929.8	2833.8	2823.2	2868.5	2884.5	2905.8	2945.8	2948.5	2929.8
17.5°	2527.3	2492.6	2545.9	2599.2	2561.9	2564.6	2593.9	2612.6	2601.9	2553.9	2529.9
20°	2207.3	2244.7	2298.0	2348.6	2388.6	2412.6	2423.3	2394.0	2359.3	2260.7	2258.0
22.5°	2114.0	2162.0	2207.3	2284.7	2322.0	2383.3	2327.3	2260.7	2212.7	2164.7	2108.7
25°	2044.7	2084.7	2175.4	2204.7	2276.7	2327.3	2287.3	2220.7	2138.0	2068.7	2026.1
27.5°	1994.1	2039.4	2098.0	2178.0	2234.0	2263.3	2223.3	2196.7	2111.4	2028.7	1967.4
30°	1962.1	2010.1	2116.7	2183.4	2231.3	2255.3	2186.0	2154.0	2092.7	2023.4	1970.1
32.5°	1940.8	1983.4	2074.1	2159.4	2191.4	2191.4	2202.0	2164.7	2079.4	1962.1	1916.8
35°	1871.4	1930.1	2004.7	2103.4	2162.0	2196.7	2143.4	2100.7	2044.7	1924.8	1842.1
37.5°	1831.5	1871.4	1967.4	2060.7	2111.4	2148.7	2127.4	2052.7	1978.1	1879.4	1812.8
40°	1788.8	1852.8	1938.1	2026.1	2082.1	2119.4	2103.4	2015.4	1924.8	1831.5	1786.1
42.5°	1759.5	1802.1	1890.1	1988.7	2055.4	2127.4	2079.4	1970.1	1906.1	1778.1	1727.5
45°	1735.5	1804.8	1898.1	1938.1	2007.4	2082.1	1996.7	1930.1	1855.5	1762.1	1719.5
47.5°	1706.2	1770.1	1831.5	1938.1	1970.1	2004.7	1988.7	1882.1	1818.1	1716.8	1687.5
50°	1695.5	1719.5	1831.5	1890.1	1935.4	1970.1	1927.4	1847.5	1786.1	1682.2	1618.2
52.5°	1652.8	1698.2	1770.1	1847.5	1903.4	1946.1	1876.8	1826.1	1743.5	1634.2	1594.2
55°	1599.5	1626.2	1754.1	1834.1	1863.5	1892.8	1866.1	1783.5	1698.2	1586.2	1546.2
57.5°	1530.2	1591.5	1695.5	1807.5	1844.8	1860.8	1818.1	1751.5	1644.8	1546.2	1482.2
60°	1458.2	1522.2	1636.9	1727.5	1764.8	1823.5	1759.5	1719.5	1596.9	1487.6	1418.2
62.5°	1386.3	1458.2	1543.5	1658.2	1690.2	1714.2	1698.2	1642.2	1543.5	1420.9	1335.6
65°	1300.9	1354.3	1460.9	1519.6	1540.9	1596.9	1540.9	1519.6	1431.6	1314.3	1242.3
67.5°	1173.0	1218.3	1311.6	1367.6	1383.6	1407.6	1404.9	1380.9	1282.3	1202.3	1138.3
70°	1026.4	1066.4	1125.0	1191.6	1199.6	1229.0	1202.3	1197.0	1133.0	1023.7	989.0
72.5°	823.8	861.1	938.4	967.7	970.4	981.0	967.7	949.1	933.1	818.4	783.8
75°	631.8	653.1	690.5	717.1	717.1	730.5	722.5	703.8	661.1	589.2	554.5
77.5°	439.9	461.2	509.2	525.2	522.5	527.8	503.9	485.2	421.2	383.9	354.6
80°	319.9	333.2	357.2	367.9	370.6	378.6	349.2	333.2	295.9	253.3	239.9
82.5°	231.9	239.9	242.6	255.9	255.9	242.6	234.6	218.6	191.9	165.3	154.6
85°	96.0	98.6	101.3	117.3	120.0	144.0	133.3	125.3	109.3	93.3	85.3
87.5°	24.0	26.7	34.7	29.3	34.7	34.7	37.3	42.7	42.7	34.7	34.7
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9
2.5°	7269.9	7291.2	7563.1	7597.8	7731.1	7867.0	8141.6	8338.9	8498.8	8602.8	8632.1
5°	6152.9	6288.8	6414.1	6616.7	6800.7	7061.9	7363.2	7736.4	8205.6	8445.5	8541.5
7.5°	4817.2	4977.2	5158.5	5355.8	5625.0	6094.2	6496.8	6928.6	7528.4	7776.4	8152.3
10°	3932.2	4110.8	4350.7	4502.7	4827.9	5275.8	5745.0	6243.5	6816.7	7173.9	7608.4
12.5°	3476.3	3622.9	3844.2	4164.1	4406.7	4697.3	5046.5	5675.7	6496.8	6835.3	7133.9
15°	2972.5	3135.1	3391.0	3745.6	4036.1	4382.7	4774.6	5459.7	6334.1	6856.6	7109.9
17.5°	2556.6	2673.9	2943.1	3249.7	3582.9	3961.5	4524.0	5449.1	6504.7	7173.9	7587.1
20°	2268.7	2284.7	2431.3	2692.5	3145.7	3638.9	4369.4	5395.7	7051.3	7720.4	8242.9
22.5°	2087.4	2071.4	2074.1	2295.3	2612.6	3321.7	4126.8	5577.0	7672.4	8589.5	8941.4
25°	1996.7	1954.1	1927.4	1975.4	2263.3	2945.8	3942.8	5817.0	8341.5	9306.6	9738.5
27.5°	1948.8	1874.1	1820.8	1828.8	2039.4	2756.5	3828.2	5920.9	9005.3	10306.3	10458.2
30°	1930.1	1836.8	1759.5	1732.8	1871.4	2492.6	3582.9	6099.5	9599.8	10855.5	10986.1
32.5°	1863.5	1748.8	1674.2	1650.2	1706.2	2260.7	3407.0	6227.5	10125.0	11452.6	11407.3
35°	1786.1	1690.2	1596.9	1551.5	1591.5	2111.4	3265.7	6166.2	10743.5	11916.5	11892.5
37.5°	1778.1	1652.8	1575.5	1500.9	1498.2	1927.4	3073.8	6224.8	11138.0	12748.2	12420.3
40°	1708.8	1628.9	1527.5	1466.2	1431.6	1834.1	2887.1	6086.2	11716.5	13084.1	12761.6
42.5°	1711.5	1591.5	1503.6	1431.6	1396.9	1698.2	2759.2	6048.9	11919.2	13630.6	12921.5
45°	1668.8	1551.5	1476.9	1391.6	1372.9	1594.2	2636.6	5875.6	12276.4	13657.3	12721.6
47.5°	1626.2	1522.2	1442.2	1340.9	1298.3	1556.9	2540.6	5731.6	12089.8	13406.7	12444.3
50°	1596.9	1476.9	1402.3	1330.3	1210.3	1492.9	2415.3	5697.0	11828.5	13068.1	11929.8
52.5°	1546.2	1439.6	1362.3	1306.3	1114.3	1434.2	2367.3	5899.6	12148.4	12814.9	11780.5
55°	1498.2	1388.9	1290.3	1181.0	1034.4	1279.6	2234.0	6088.9	12614.9	13398.7	12457.7
57.5°	1447.6	1343.6	1237.0	1106.3	957.1	1119.7	2095.4	6123.5	11740.5	12383.0	11825.8
60°	1380.9	1247.6	1167.7	997.0	874.4	927.7	1660.8	5398.4	9106.6	10341.0	10359.6
62.5°	1306.3	1162.3	1093.0	893.1	789.1	799.8	1354.3	4537.3	7387.2	8560.1	9069.3
65°	1207.6	1069.0	986.4	826.4	727.8	693.1	991.7	3324.4	5611.7	6944.6	7523.1
67.5°	1079.7	949.1	845.1	719.8	650.5	594.5	677.1	1871.4	3313.7	4662.6	4838.6
70°	943.7	831.8	722.5	618.5	541.2	501.2	495.9	829.1	1583.5	2508.6	2855.2
72.5°	743.8	663.8	575.8	498.5	447.9	389.2	354.6	343.9	535.8	1021.0	1410.3
75°	533.2	466.5	415.9	365.2	327.9	295.9	269.3	245.3	223.9	255.9	351.9
77.5°	335.9	311.9	271.9	258.6	237.3	229.3	218.6	205.3	189.3	178.6	178.6
80°	226.6	210.6	197.3	194.6	186.6	183.9	186.6	173.3	157.3	144.0	149.3
82.5°	152.0	149.3	146.6	144.0	146.6	149.3	154.6	152.0	138.6	130.6	133.3
85°	90.6	96.0	101.3	106.6	117.3	104.0	85.3	72.0	64.0	58.6	56.0
87.5°	34.7	48.0	42.7	40.0	42.7	40.0	37.3	34.7	29.3	26.7	26.7
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: P530760

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9	8162.9
2.5°	8826.7	8880.0	8925.4	8914.7	8821.4	8696.1	8645.5	8386.9	8333.5	8298.9
5°	8946.7	9255.9	9322.6	9282.6	9040.0	8733.4	8434.8	8056.3	7835.0	7827.0
7.5°	8725.4	9106.6	9226.6	9317.3	8994.7	8461.5	7949.7	7381.8	7243.2	7253.9
10°	8162.9	8770.7	9066.7	9160.0	8789.4	8328.2	7619.1	7043.3	6747.3	6742.0
12.5°	7851.0	8328.2	8410.9	8541.5	8432.2	7965.7	7427.1	6782.0	6494.1	6488.8
15°	7573.8	7888.3	7912.3	8096.3	8154.9	7840.4	7477.8	6790.0	6558.1	6534.1
17.5°	7816.4	7597.8	7507.1	7531.1	7704.4	7819.0	7771.0	7243.2	7005.9	6872.6
20°	7979.0	7491.1	7216.5	7243.2	7448.5	7867.0	8208.2	7899.0	7523.1	7539.1
22.5°	8413.5	7507.1	7077.9	7048.6	7373.8	8117.6	8701.4	8728.1	8365.5	8277.6
25°	9064.0	7691.1	7035.3	7027.3	7339.2	8386.9	9277.3	9709.1	9338.6	9176.0
27.5°	9586.5	7979.0	7168.6	7195.2	7448.5	8605.5	9767.8	10341.0	10058.4	9858.4
30°	10045.0	8277.6	7355.2	7232.5	7741.7	8720.1	9978.4	11060.7	10834.1	10668.9
32.5°	10234.3	8701.4	7651.1	7448.5	7984.3	8858.7	10415.6	11759.2	11564.6	11156.7
35°	10554.2	8938.7	7811.0	7795.0	8408.2	9192.0	10620.9	12220.4	12140.4	11777.9
37.5°	10810.1	9178.6	8378.9	8202.9	8989.3	9751.8	10951.4	12857.5	12673.6	12503.0
40°	11007.4	9607.8	8909.4	9141.3	9703.8	10261.0	11255.3	12897.5	13428.0	12932.2
42.5°	10826.1	9991.7	9781.1	10335.6	10868.8	10842.1	11290.0	13206.8	13604.0	13345.4
45°	10780.8	10642.2	11159.4	11663.2	11785.9	11324.7	11042.1	12865.5	13550.7	13436.0
47.5°	10671.5	11282.0	12183.1	13004.2	12817.6	11647.2	10746.2	12804.2	13582.7	13377.4
50°	10634.2	11420.6	12940.2	13739.9	13628.0	11927.1	10607.5	12409.7	13356.1	13337.4
52.5°	10631.5	11705.9	13254.8	14139.8	14209.1	12369.7	10796.8	12609.6	13532.0	13689.3
55°	10751.5	11615.2	13214.8	13918.6	13891.9	12172.4	10818.1	12742.9	13747.9	13902.6
57.5°	10141.0	10404.9	10906.1	11463.3	11319.3	10082.4	9661.2	11780.5	12617.6	12505.6
60°	8757.4	7931.0	7365.8	7339.2	7059.3	6672.7	7907.0	10514.2	10514.2	10404.9
62.5°	7669.7	5206.5	4473.3	4265.4	4465.4	4910.6	7627.1	10226.3	9935.7	9810.4
65°	6707.4	3974.8	3233.7	3175.1	3521.6	4193.4	6896.6	8712.1	8200.2	7784.4
67.5°	4316.1	2911.1	2404.6	2300.7	2719.2	3079.1	4590.6	5358.4	5035.8	4873.2
70°	2783.2	1895.4	1338.3	1255.6	1418.2	1898.1	2932.5	3124.4	2655.2	2545.9
72.5°	1316.9	818.4	469.2	386.6	434.5	725.1	1159.7	1247.6	1037.0	949.1
75°	418.5	301.2	191.9	165.3	157.3	186.6	266.6	205.3	149.3	146.6
77.5°	186.6	178.6	152.0	128.0	112.0	93.3	77.3	64.0	66.6	69.3
80°	154.6	141.3	125.3	112.0	93.3	72.0	56.0	42.7	42.7	45.3
82.5°	136.0	122.6	109.3	93.3	80.0	58.6	42.7	29.3	26.7	26.7
85°	58.6	69.3	74.6	80.0	64.0	48.0	29.3	18.7	16.0	16.0
87.5°	24.0	21.3	18.7	16.0	13.3	13.3	10.7	8.0	5.3	5.3
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)