

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: P453714

Luminaire Tested: **GLAN-SA4D-730-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P453714
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4D-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(4) 70 CRI, 3000K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24024 lumens
Efficiency: N/A
Efficacy: 98.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 245
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



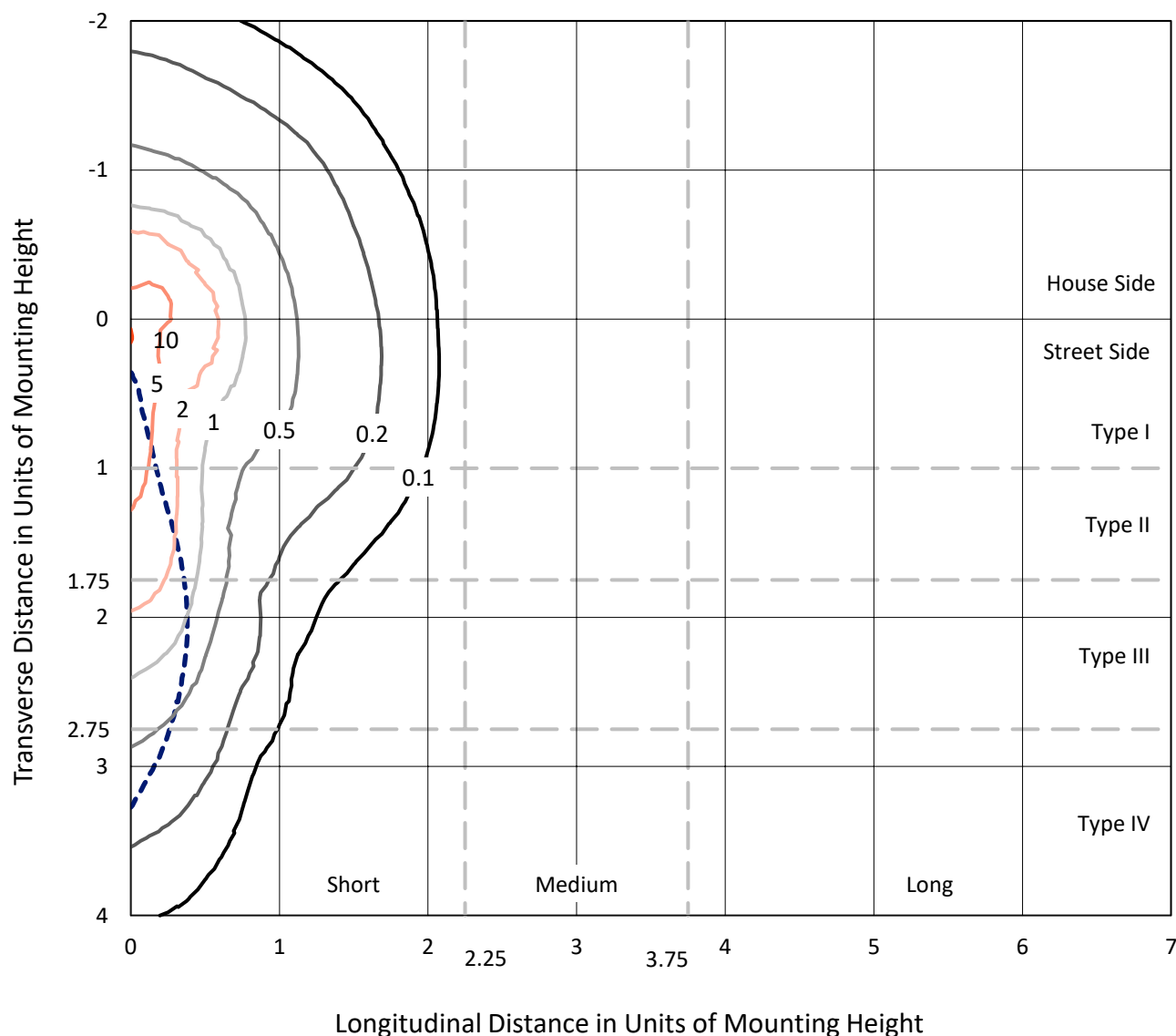
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



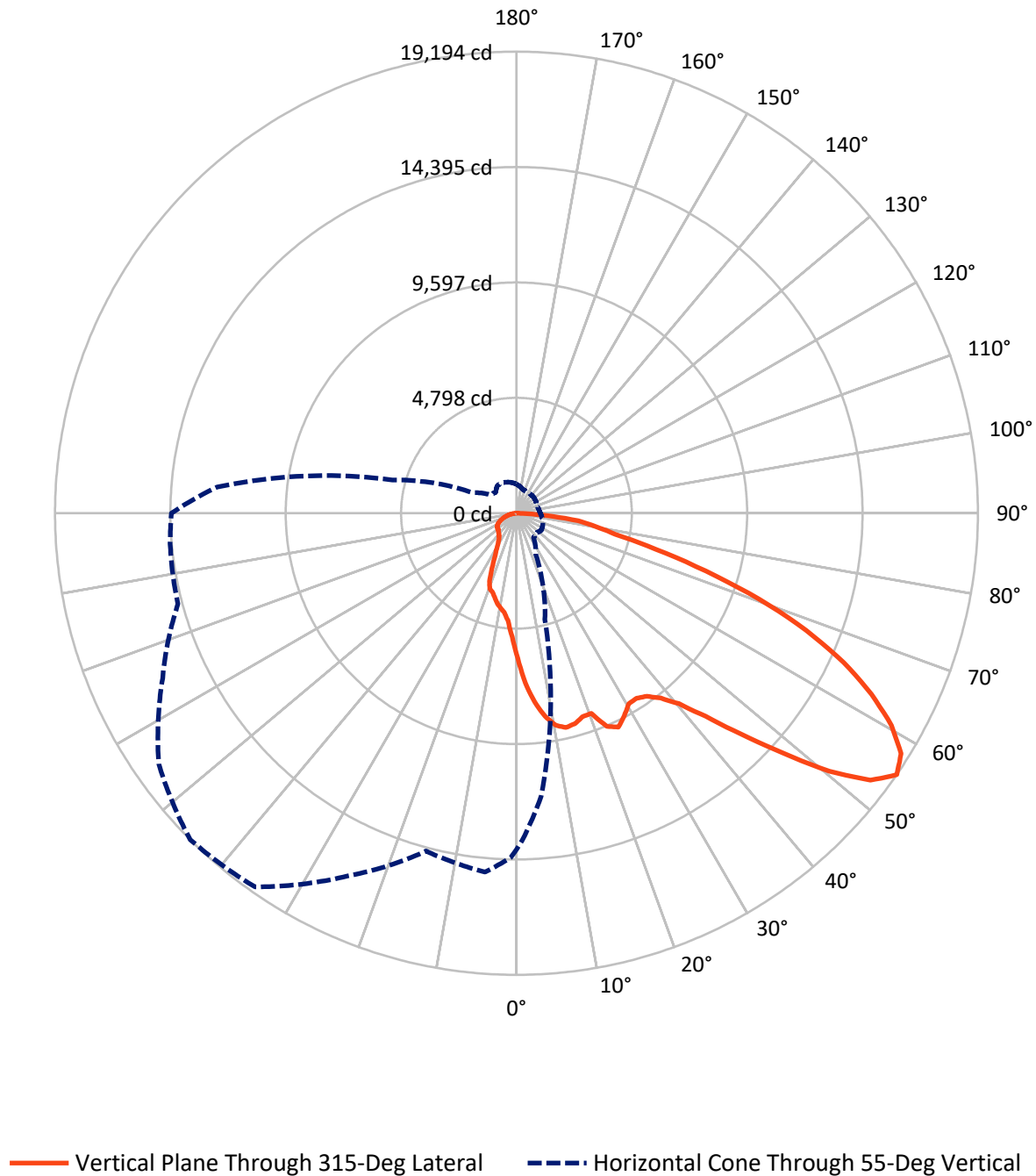
Based on 25 foot mounting height. Maximum calculated value = 10.3 fc

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	5255.1	0.0	5255.1
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	18768.9	0.0	18768.9
	% Fixture	78.1	0.0	78.1
Total	Lumens	24024.0	0.0	24024.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	511.0	2.1
10°-20°	1355.7	5.6
20°-30°	2341.9	9.7
30°-40°	2721.7	11.3
40°-50°	3797.3	15.8
50°-60°	5152.6	21.4
60°-70°	4902.1	20.4
70°-80°	2648.2	11.0
80°-90°	593.5	2.5
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°	24024.0	100.0
0°-180°	24024.0	100.0

Coefficient of Utilization



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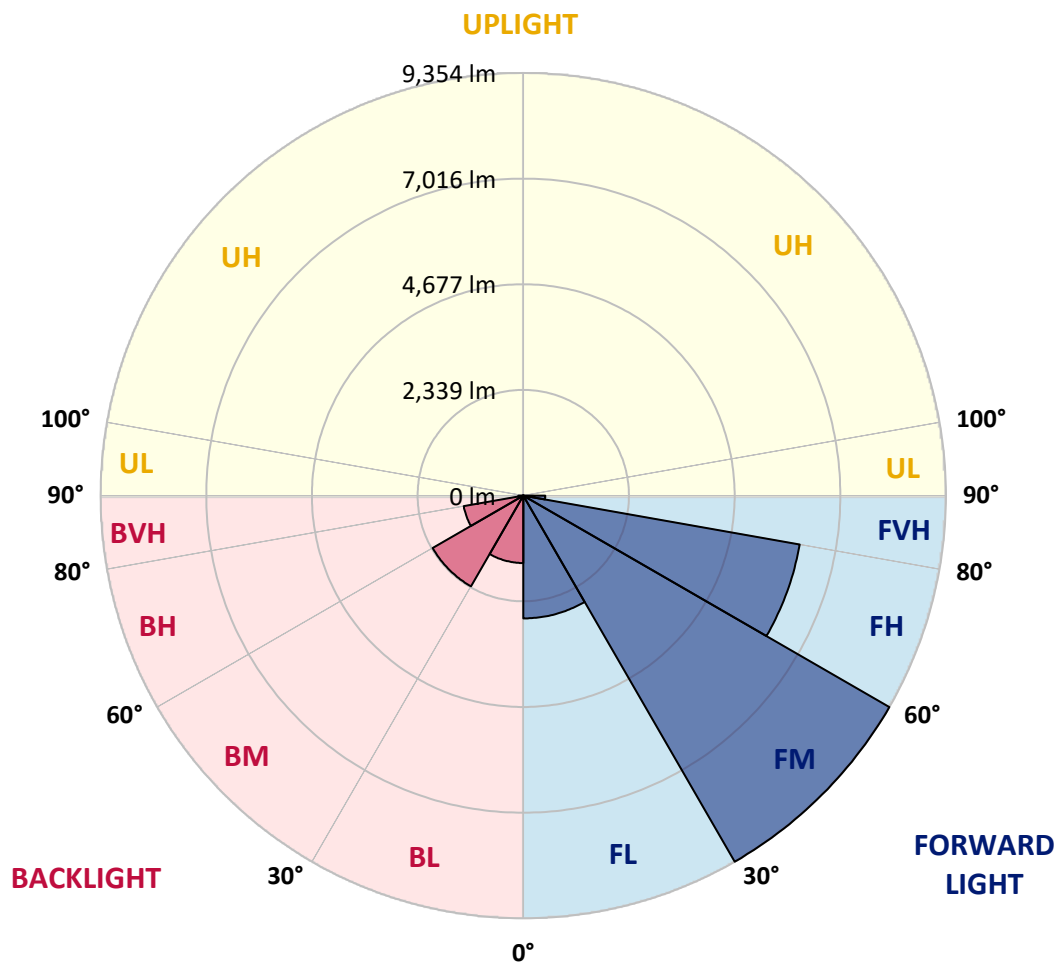
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2717.2	11.3			
FM	(30°-60°)	9354.4	38.9			
FH	(60°-80°)	6212.2	25.9			G3/7500
FVH	(80°-90°)	485.0	2.0			G3/500
BL	(0°-30°)	1491.4	6.2	B3/2500		
BM	(30°-60°)	2317.2	9.6	B2/2500		
BH	(60°-80°)	1338.1	5.6	B3/2500		G3/2500
BVH	(80°-90°)	108.5	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1
2.5°	6697.9	6672.6	6601.2	6414.2	6225.6	6033.8	5886.4	5702.6	5510.8	5407.8	5276.2
5°	6789.9	6761.3	6593.3	6171.7	5789.8	5388.8	5068.6	4788.1	4674.0	4506.0	4371.2
7.5°	6574.3	6561.6	6309.6	5704.2	5181.1	4656.5	4293.6	4068.5	3864.1	3788.0	3803.8
10°	6377.8	6327.1	6011.7	5220.8	4610.6	4184.2	3924.3	3704.0	3559.8	3521.7	3529.6
12.5°	6214.5	6146.4	5773.9	4895.9	4361.7	4021.0	3689.7	3459.9	3328.4	3364.8	3488.4
15°	6181.2	6089.3	5674.1	4784.9	4225.4	3786.4	3423.5	3158.8	3060.5	3139.8	3337.9
17.5°	6396.8	6281.1	5845.2	4821.4	4095.5	3547.1	3101.7	2799.0	2716.6	2843.4	3101.7
20°	7089.4	6918.2	6379.4	5032.2	4082.8	3428.2	2914.7	2610.4	2645.3	2886.2	3155.6
22.5°	8370.0	8113.3	7314.5	5339.6	4149.4	3398.1	2876.7	2718.2	2909.9	3114.4	3291.9
25°	8623.6	8422.3	7482.5	5409.4	4135.1	3377.5	2984.4	3063.7	3277.6	3379.1	3317.3
27.5°	8766.3	8536.4	7471.4	5063.9	3697.6	3063.7	2852.9	2984.4	3038.3	2940.1	2772.0
30°	9099.1	8859.8	7660.0	4700.9	3044.7	2272.8	1992.3	1938.4	1974.8	1993.8	1933.6
32.5°	9557.1	9321.0	8015.0	4463.2	2632.6	1879.7	1604.0	1527.9	1510.4	1489.8	1466.1
35°	10149.9	9787.0	8363.7	4311.0	2463.0	1738.7	1485.1	1426.4	1402.7	1374.1	1348.8
37.5°	10752.2	10371.8	8804.3	4150.9	2350.5	1640.4	1405.8	1378.9	1337.7	1307.6	1271.1
40°	11392.5	10966.2	9205.3	4011.5	2241.1	1577.0	1348.8	1345.6	1291.7	1256.9	1214.1
42.5°	11947.2	11508.2	9563.5	3925.9	2157.1	1510.4	1313.9	1323.4	1267.9	1215.6	1160.2
45°	12387.8	11956.7	9894.7	3925.9	2088.9	1443.9	1307.6	1301.2	1245.8	1180.8	1117.4
47.5°	12774.6	12329.2	10218.1	4025.7	2046.1	1388.4	1272.7	1283.8	1226.7	1144.3	1082.5
50°	13074.1	12681.0	10653.9	4181.1	2003.4	1344.0	1228.3	1288.6	1210.9	1125.3	1054.0
52.5°	13456.1	13104.2	11178.5	4393.4	1966.9	1294.9	1188.7	1288.6	1209.3	1126.9	1049.2
55°	13985.4	13614.6	11810.9	4569.4	1908.3	1248.9	1153.8	1252.1	1204.5	1119.0	1036.5
57.5°	14356.3	14079.0	12257.9	4686.6	1824.3	1190.3	1122.1	1217.2	1183.9	1088.8	998.5
58°	14373.8	14102.7	12322.9	4713.6	1803.7	1179.2	1114.2	1201.4	1174.4	1076.2	985.8
60°	14174.1	13941.1	12335.5	4675.6	1686.4	1123.7	1073.0	1136.4	1123.7	1001.7	917.7
62.5°	13448.2	13199.3	11823.6	4366.5	1531.0	1055.6	1009.6	1049.2	1020.7	897.1	819.4
65°	12416.4	11958.3	10771.2	3881.5	1420.1	982.7	924.0	927.2	897.1	808.3	740.2
67.5°	11042.2	10530.3	9119.7	3271.3	1336.1	901.8	822.6	814.7	778.2	721.1	665.7
70°	9351.1	9000.8	7411.1	2661.1	1242.6	813.1	708.5	703.7	681.5	638.7	589.6
72.5°	7579.2	7133.8	5984.7	2130.2	1128.5	727.5	602.3	611.8	583.3	553.1	508.8
75°	5593.2	5301.6	4626.4	1708.6	974.7	634.0	502.4	505.6	492.9	461.2	426.3
77.5°	3683.4	3596.2	3309.3	1122.1	749.7	504.0	410.5	413.7	404.2	375.6	339.2
80°	2478.8	2420.2	2242.7	722.7	500.8	364.5	317.0	320.2	318.6	288.5	239.3
82.5°	1527.9	1502.5	1445.5	488.2	347.1	261.5	209.2	218.7	236.2	202.9	163.2
85°	721.1	722.7	873.3	266.3	204.5	168.0	114.1	122.0	122.0	122.0	91.9
87.5°	93.5	98.3	120.5	112.5	74.5	63.4	41.2	34.9	30.1	39.6	28.5
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1
2.5°	5230.3	5198.6	5130.4	5114.6	5105.1	5132.0	5060.7	5079.7	5048.0	5136.8	5122.5
5°	4379.2	4382.3	4437.8	4474.3	4486.9	4474.3	4426.7	4344.3	4280.9	4255.5	4261.9
7.5°	3773.7	3829.2	3924.3	4030.5	4127.2	4155.7	4128.8	3971.8	3800.7	3692.9	3658.0
10°	3572.4	3646.9	3756.3	3840.3	3925.9	3994.0	4008.3	3886.3	3683.4	3428.2	3328.4
12.5°	3583.5	3685.0	3789.6	3816.5	3808.6	3835.5	3822.9	3802.3	3669.1	3344.2	3177.8
15°	3478.9	3599.4	3672.3	3658.0	3632.7	3608.9	3575.6	3523.3	3475.8	3247.5	3063.7
17.5°	3238.0	3361.6	3421.9	3426.6	3426.6	3420.3	3339.5	3320.4	3314.1	3203.1	3090.6
20°	3282.4	3350.5	3323.6	3279.2	3291.9	3334.7	3287.2	3277.6	3314.1	3363.2	3342.6
22.5°	3307.8	3284.0	3081.1	2884.6	2840.2	2973.3	3000.3	3106.5	3253.9	3431.4	3547.1
25°	3150.8	2959.1	2596.1	2374.2	2249.0	2372.6	2534.3	2730.8	2951.1	3179.4	3314.1
27.5°	2634.2	2488.3	2228.4	2028.7	1919.4	1938.4	2076.3	2255.4	2459.8	2613.6	2711.8
30°	1984.3	1919.4	1784.6	1716.5	1649.9	1634.1	1692.7	1760.9	1851.2	1870.2	1895.6
32.5°	1461.3	1451.8	1459.7	1437.5	1424.9	1423.3	1405.8	1421.7	1431.2	1442.3	1420.1
35°	1321.8	1309.2	1287.0	1280.6	1272.7	1275.9	1267.9	1260.0	1266.4	1275.9	1282.2
37.5°	1250.5	1231.5	1199.8	1188.7	1188.7	1193.5	1180.8	1177.6	1188.7	1218.8	1234.7
40°	1195.0	1172.9	1136.4	1122.1	1131.6	1144.3	1126.9	1120.5	1147.5	1179.2	1204.5
42.5°	1142.7	1125.3	1090.4	1074.6	1082.5	1106.3	1080.9	1076.2	1111.0	1145.9	1176.0
45°	1098.4	1080.9	1049.2	1041.3	1044.5	1066.7	1049.2	1049.2	1082.5	1120.5	1147.5
47.5°	1063.5	1041.3	1020.7	1014.4	1017.5	1030.2	1027.0	1027.0	1058.7	1098.4	1125.3
50°	1028.6	1009.6	982.7	985.8	993.8	1011.2	1009.6	1014.4	1046.1	1095.2	1123.7
52.5°	1012.8	984.2	954.1	957.3	981.1	1001.7	995.3	1000.1	1036.5	1128.5	1169.7
55°	995.3	957.3	922.4	927.2	954.1	984.2	976.3	982.7	1025.5	1150.7	1207.7
57.5°	962.1	917.7	879.6	882.8	922.4	954.1	941.5	949.4	1000.1	1126.9	1187.1
58°	947.8	909.8	873.3	874.9	912.9	947.8	933.5	939.9	992.2	1120.5	1177.6
60°	887.6	865.4	833.7	835.3	871.7	901.8	893.9	900.2	951.0	1074.6	1117.4
62.5°	805.1	792.5	784.5	784.5	806.7	835.3	843.2	851.1	897.1	971.6	1009.6
65°	716.4	716.4	718.0	718.0	732.2	768.7	773.4	794.1	836.8	873.3	901.8
67.5°	656.2	653.0	656.2	648.2	654.6	676.8	700.5	719.6	763.9	789.3	798.8
70°	578.5	576.9	578.5	567.4	575.3	594.3	610.2	641.9	687.9	706.9	711.6
72.5°	502.4	502.4	505.6	497.7	497.7	518.3	529.4	564.2	607.0	618.1	619.7
75°	423.2	427.9	427.9	416.8	420.0	432.7	447.0	475.5	515.1	523.0	523.0
77.5°	336.0	353.4	353.4	342.3	347.1	348.7	367.7	382.0	412.1	415.3	402.6
80°	244.1	261.5	275.8	266.3	274.2	264.7	275.8	285.3	315.4	301.1	280.5
82.5°	174.3	187.0	198.1	199.7	191.8	174.3	188.6	190.2	204.5	185.4	174.3
85°	96.7	107.8	122.0	115.7	103.0	91.9	96.7	99.9	98.3	93.5	87.2
87.5°	25.4	26.9	30.1	22.2	20.6	17.4	23.8	23.8	26.9	28.5	26.9
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°	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1
2.5°	5133.6	5203.3	5353.9	5468.0	5607.5	5777.1	5976.8	6178.1	6395.2	6463.4	6558.5
5°	4247.6	4422.0	4494.9	4702.5	4908.5	5217.6	5547.3	5929.2	6347.7	6548.9	6742.3
7.5°	3629.5	3723.0	3799.1	3951.2	4198.5	4574.1	4987.8	5464.8	6057.6	6350.8	6634.5
10°	3296.7	3306.2	3399.7	3588.3	3803.8	4135.1	4526.6	5060.7	5721.6	6078.2	6411.1
12.5°	3076.4	3035.1	3136.6	3333.1	3577.2	3883.1	4242.9	4751.6	5479.1	5845.2	6247.8
15°	2883.0	2818.0	2894.1	3095.4	3336.3	3696.1	4082.8	4621.7	5384.0	5810.4	6257.3
17.5°	2887.7	2708.7	2735.6	2905.2	3144.5	3510.6	3979.8	4616.9	5528.2	6019.6	6548.9
20°	3244.4	2957.5	2835.4	2867.1	3098.5	3497.9	4027.3	4838.8	6002.1	6718.5	7284.4
22.5°	3594.6	3421.9	3225.3	3160.4	3287.2	3705.6	4330.0	5363.4	7032.3	8111.7	9134.0
25°	3472.6	3620.0	3570.9	3478.9	3507.5	3854.6	4536.1	5794.5	7832.7	9048.4	10008.9
27.5°	2778.4	3046.2	3100.1	3098.5	3109.6	3394.9	4079.6	5504.5	7932.6	9227.5	10145.2
30°	1952.6	1976.4	2004.9	2060.4	2111.1	2366.3	3192.1	4832.5	7888.2	9308.3	10227.6
32.5°	1409.0	1440.7	1480.3	1556.4	1676.9	2001.8	2792.7	4618.5	8122.8	9642.7	10468.5
35°	1288.6	1325.0	1363.0	1450.2	1564.3	1865.5	2634.2	4529.7	8507.9	10184.8	10901.2
37.5°	1250.5	1291.7	1325.0	1388.4	1480.3	1767.2	2489.9	4469.5	8902.6	10758.5	11481.3
40°	1223.6	1271.1	1298.1	1348.8	1412.2	1676.9	2361.6	4422.0	9284.5	11283.1	11947.2
42.5°	1199.8	1248.9	1283.8	1320.2	1372.6	1596.0	2247.4	4374.4	9615.8	11791.9	12411.6
45°	1171.3	1233.1	1277.5	1306.0	1351.9	1527.9	2160.3	4336.4	9993.0	12243.6	12880.8
47.5°	1147.5	1215.6	1271.1	1304.4	1321.8	1480.3	2090.5	4388.7	10446.3	12715.9	13316.6
50°	1149.1	1214.1	1283.8	1336.1	1290.1	1440.7	2047.7	4596.3	11035.9	13277.0	13660.5
52.5°	1199.8	1279.0	1334.5	1347.2	1245.8	1393.2	2025.5	4959.3	11733.3	13773.1	14007.6
55°	1256.9	1339.3	1399.5	1391.6	1222.0	1332.9	2020.8	5346.0	12497.2	14351.6	14459.3
57.5°	1236.2	1356.7	1448.6	1407.4	1223.6	1274.3	2000.2	5658.2	13135.9	14784.3	14906.3
58°	1229.9	1350.4	1455.0	1404.3	1218.8	1256.9	1995.4	5685.2	13224.7	14814.4	14969.7
60°	1168.1	1294.9	1450.2	1380.5	1191.9	1209.3	1943.1	5772.3	13200.9	14659.0	15007.7
62.5°	1055.6	1160.2	1340.9	1264.8	1109.5	1145.9	1825.8	5664.6	12557.4	13911.0	14451.4
65°	928.8	1006.4	1126.9	1112.6	992.2	1080.9	1665.8	5238.2	11268.9	12696.9	13265.9
67.5°	833.7	897.1	973.1	952.5	892.3	993.8	1493.0	4517.1	9823.4	11238.8	11955.2
70°	737.0	786.1	824.2	809.9	790.9	908.2	1339.3	3666.0	8438.2	9853.5	10547.7
72.5°	638.7	684.7	716.4	695.8	684.7	817.8	1214.1	2845.0	6664.6	8129.1	9021.4
75°	534.1	580.1	602.3	578.5	572.2	721.1	1028.6	2125.4	5000.5	6266.8	7037.1
77.5°	413.7	462.8	491.3	483.4	486.6	592.8	830.5	1455.0	3575.6	4271.4	5082.9
80°	290.0	343.9	362.9	355.0	377.2	451.7	586.4	924.0	2466.2	2772.0	3344.2
82.5°	179.1	229.8	233.0	240.9	256.8	334.4	442.2	562.7	1548.5	1600.8	2016.0
85°	90.3	109.4	117.3	130.0	144.2	204.5	252.0	348.7	996.9	754.4	1126.9
87.5°	30.1	31.7	38.0	47.5	58.6	84.0	107.8	142.6	247.2	136.3	348.7
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: P453714

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CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1	6029.1
2.5°	6750.2	6884.9	6983.2	7073.6	6986.4	6978.5	6892.9	6755.0	6697.9	6697.9
5°	7148.0	7463.5	7718.6	7881.9	7812.1	7644.1	7366.8	7013.3	6823.1	6789.9
7.5°	7257.4	7880.3	8354.2	8522.2	8404.9	8034.0	7503.1	6907.1	6634.5	6574.3
10°	7190.8	8000.7	8696.5	8962.8	8799.5	8238.5	7514.2	6783.5	6447.5	6377.8
12.5°	7121.1	8016.6	8759.9	9145.1	9038.9	8403.3	7595.0	6702.7	6314.4	6214.5
15°	7171.8	8022.9	8682.3	9080.1	9148.2	8601.4	7728.1	6761.3	6287.4	6181.2
17.5°	7492.0	8143.4	8571.3	8893.1	9132.4	8870.9	8106.9	7041.9	6528.3	6396.8
20°	8160.8	8431.8	8634.7	8883.6	9268.7	9420.8	8882.0	7812.1	7205.1	7089.4
22.5°	10097.6	10048.5	9633.2	9628.5	10186.4	10796.6	10760.1	9378.0	8465.1	8370.0
25°	10823.5	10595.3	9994.6	9848.8	10094.4	11035.9	10899.6	9698.2	8855.0	8623.6
27.5°	10539.8	9974.0	9579.3	9546.1	9465.2	10354.4	10682.4	9828.2	8991.3	8766.3
30°	10522.4	9690.3	9126.0	9192.6	9270.3	10119.8	10802.9	10235.5	9340.0	9099.1
32.5°	10565.2	9729.9	9159.3	9172.0	9403.4	10154.7	10936.0	10679.3	9798.1	9557.1
35°	10737.9	9955.0	9371.7	9341.6	9703.0	10382.9	11162.7	11376.6	10424.1	10149.9
37.5°	11016.9	10403.5	9760.0	9752.1	10276.7	10795.0	11444.8	12080.4	11047.0	10752.2
40°	11427.4	10928.1	10451.0	10408.3	11056.5	11465.4	11810.9	12830.0	11771.3	11392.5
42.5°	11923.5	11557.3	11362.4	11532.0	12154.9	12218.2	12381.5	13522.6	12387.8	11947.2
45°	12383.1	12365.6	12636.7	13086.8	13449.7	13069.4	12977.4	13987.0	12866.5	12387.8
47.5°	12929.9	13402.2	14220.0	14879.4	15259.7	14059.9	13486.2	14289.8	13215.2	12774.6
50°	13484.6	14643.2	15949.2	16868.4	16949.3	15136.1	13836.5	14575.0	13532.2	13074.1
52.5°	14067.9	15633.8	17372.5	18440.7	18283.8	16072.8	14175.6	14768.4	13858.7	13456.1
55°	14575.0	16240.8	18168.1	19193.5	18963.7	16643.4	14541.8	14977.6	14324.6	13985.4
57.5°	14858.7	16291.5	17970.0	18865.5	18616.6	16532.4	14709.8	15132.9	14622.6	14356.3
58°	14900.0	16223.4	17794.0	18675.3	18421.7	16438.9	14708.2	15126.6	14641.6	14373.8
60°	14863.5	15781.2	17139.5	17924.0	17657.7	15852.5	14648.0	15007.7	14400.7	14174.1
62.5°	14525.9	15014.1	16009.4	16580.0	16503.9	14936.4	14400.7	14559.2	13666.9	13448.2
65°	14082.1	13968.0	14562.4	14966.5	15023.6	14250.1	14155.0	13589.2	12725.4	12416.4
67.5°	13543.3	12782.5	12780.9	13010.7	13105.8	13194.6	13643.1	12535.2	11368.7	11042.2
70°	12628.7	10955.1	10451.0	10722.1	10642.8	11392.5	12728.6	11054.9	9733.1	9351.1
72.5°	10951.9	8693.4	7886.6	8235.3	8035.6	8934.3	11137.3	9097.5	8048.3	7579.2
75°	8877.2	6503.0	5670.9	5991.0	5867.4	6777.2	9267.1	6607.6	5772.3	5593.2
77.5°	6892.9	4712.0	4228.6	4184.2	4276.1	5043.3	6797.8	4461.6	3805.4	3683.4
80°	4428.3	3372.7	3401.3	3344.2	3391.8	3179.4	4127.2	2846.5	2577.1	2478.8
82.5°	2914.7	2350.5	2802.2	2586.6	2456.6	2138.1	2707.1	1863.9	1581.8	1527.9
85°	1985.9	1730.7	1575.4	1204.5	1418.5	1646.7	2030.3	1003.3	795.6	721.1
87.5°	897.1	602.3	442.2	272.6	431.1	497.7	985.8	117.3	90.3	93.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)