

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: P455280

Luminaire Tested: **GALN-SA6C-722-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P455280
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: McGRAW-EDISON
Catalog Number: GALN-SA6C-722-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 2200K, 1050mA 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: 26417 lumens
Efficiency: N/A
Efficacy: 82.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

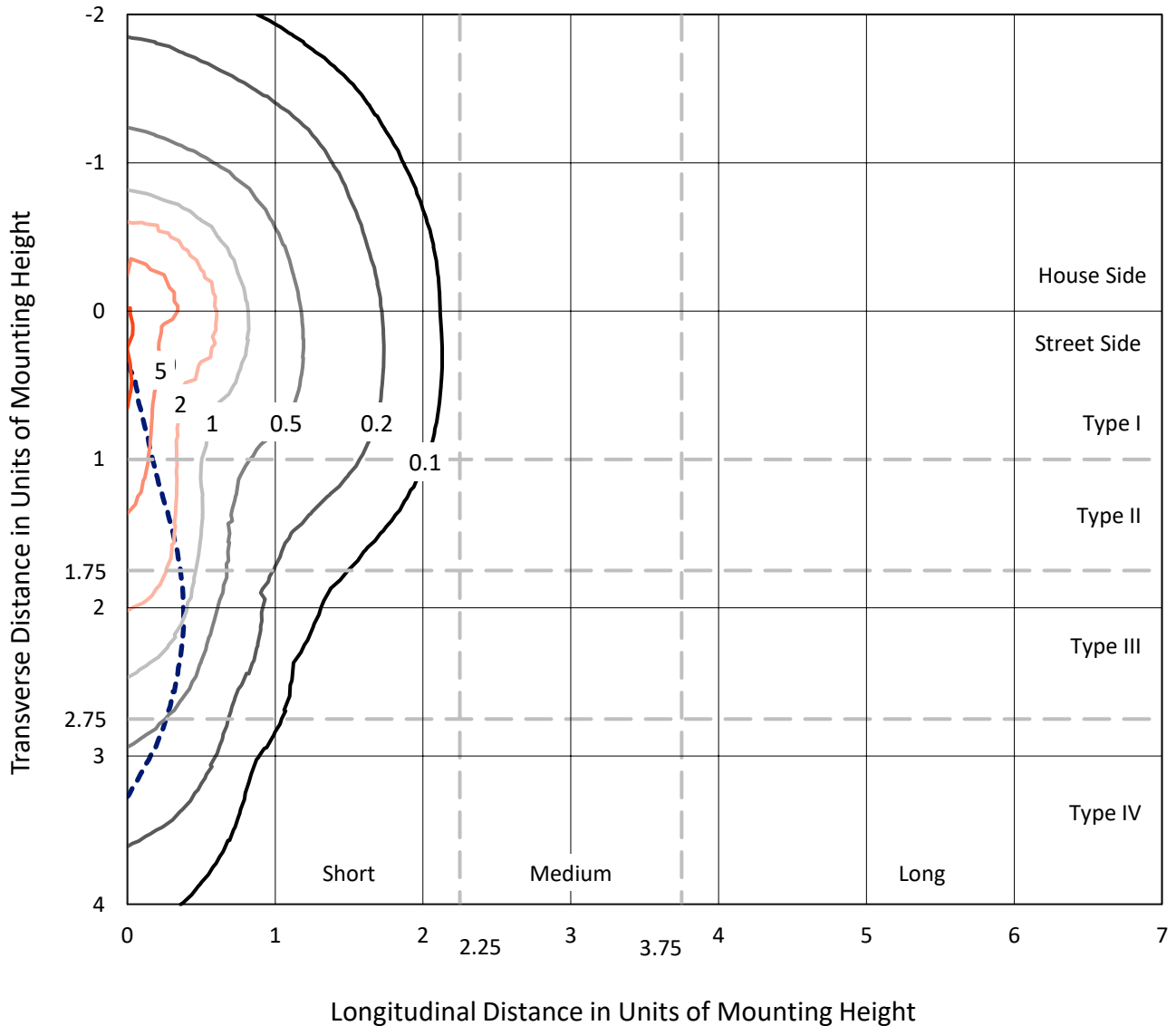
Input Watts (W): 321
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

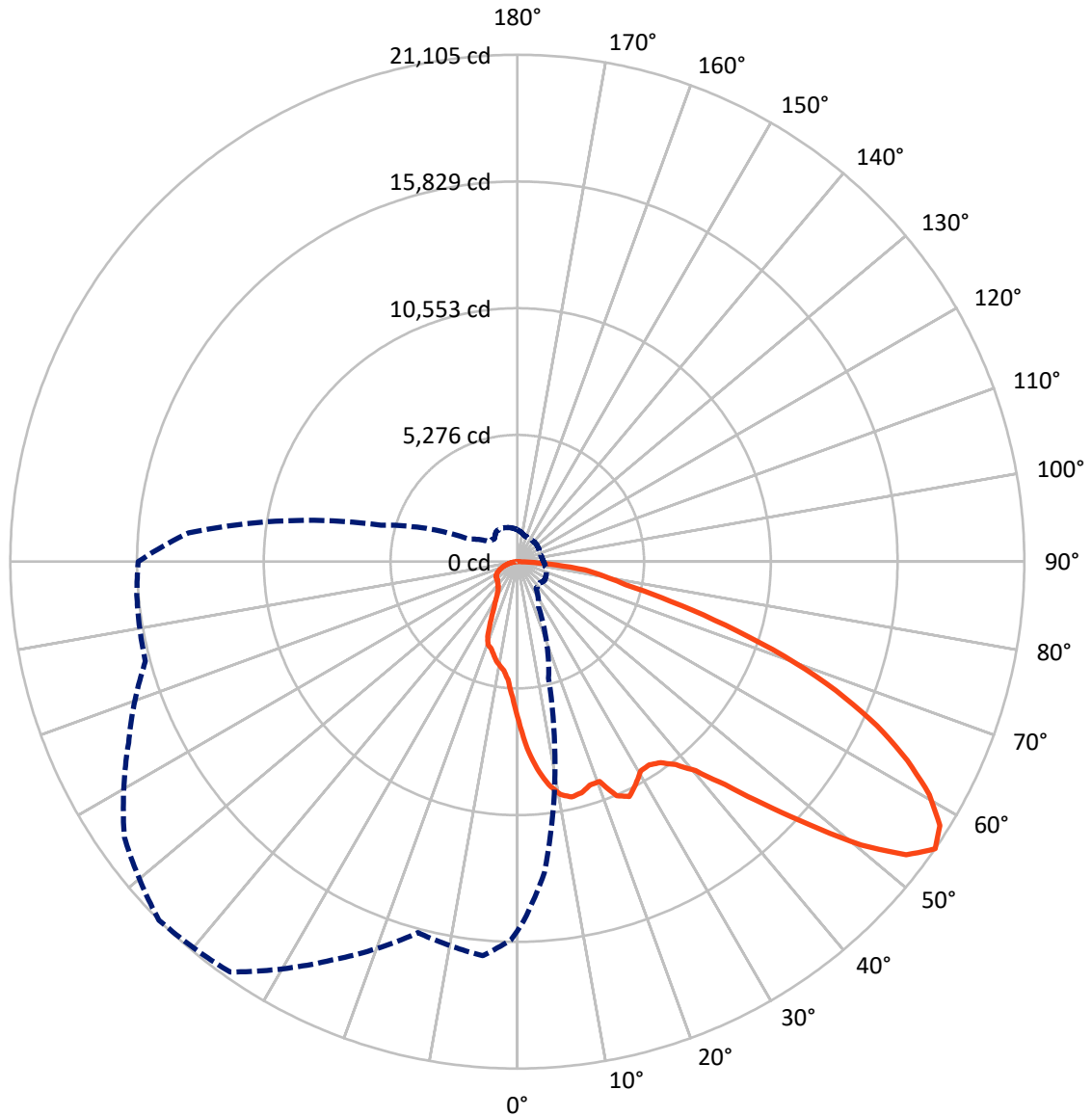
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5778.6	0.0	5778.6
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	20638.4	0.0	20638.4
	% Fixture	78.1	0.0	78.1
Total	Lumens	26417.0	0.0	26417.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	561.9	2.1
10°-20°	1490.7	5.6
20°-30°	2575.2	9.7
30°-40°	2992.8	11.3
40°-50°	4175.6	15.8
50°-60°	5665.8	21.4
60°-70°	5390.3	20.4
70°-80°	2912.0	11.0
80°-90°	652.6	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°	26417.0	100.0
0°-180°	26417.0	100.0

Coefficient of Utilization



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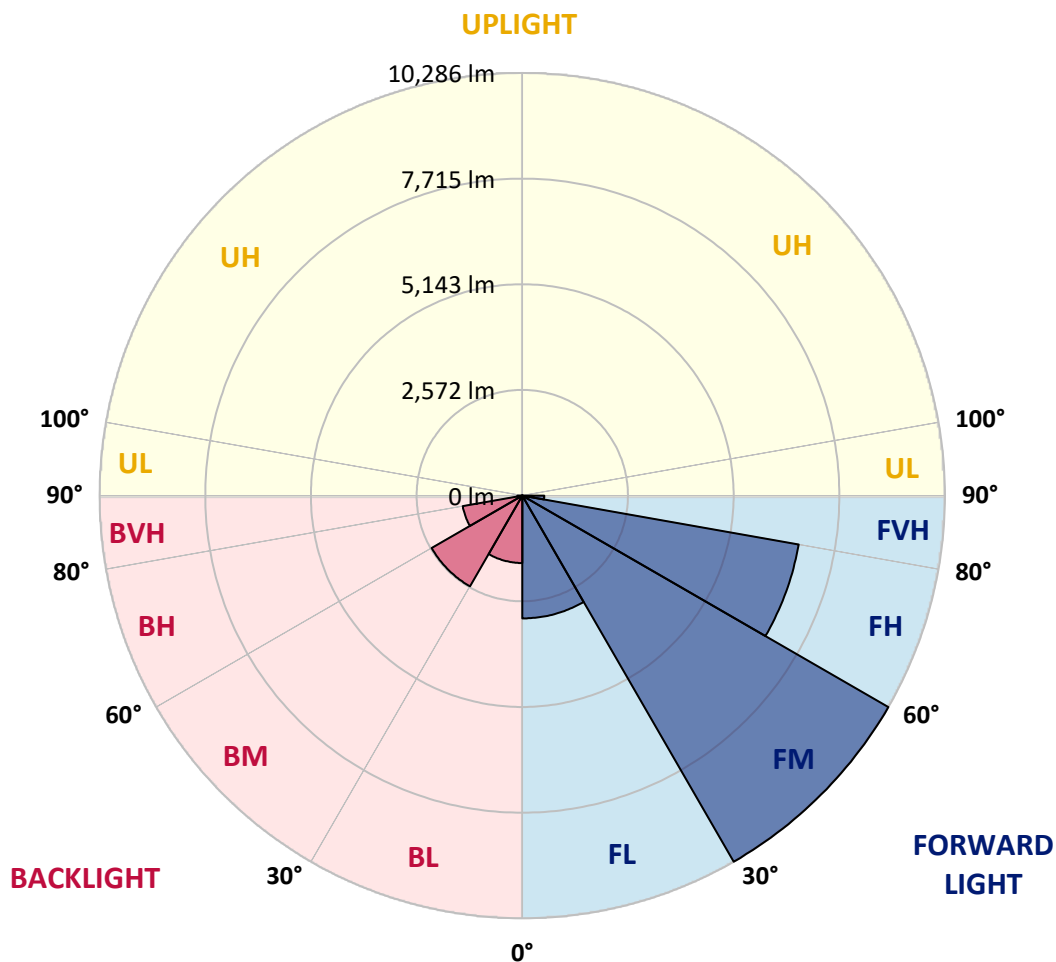
CATALOG NUMBER: GALN-SA6C-722-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2987.8	11.3			
FM	(30°-60°)	10286.2	38.9			
FH	(60°-80°)	6831.0	25.9			G3/7500
FVH	(80°-90°)	533.4	2.0			G4/750
BL	(0°-30°)	1640.0	6.2	B3/2500		
BM	(30°-60°)	2548.0	9.6	B3/5000		
BH	(60°-80°)	1471.4	5.6	B3/2500		G3/2500
BVH	(80°-90°)	119.3	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-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6
2.5°	7365.1	7337.2	7258.8	7053.1	6845.7	6634.9	6472.8	6270.6	6059.7	5946.5	5801.8
5°	7466.2	7434.8	7250.1	6786.5	6366.5	5925.5	5573.5	5265.0	5139.5	4954.8	4806.7
7.5°	7229.2	7215.2	6938.1	6272.4	5697.2	5120.4	4721.3	4473.8	4249.0	4165.3	4182.7
10°	7013.1	6957.3	6610.5	5740.8	5069.8	4601.0	4315.2	4072.9	3914.3	3872.5	3881.2
12.5°	6833.5	6758.6	6349.0	5383.5	4796.2	4421.5	4057.3	3804.5	3659.9	3700.0	3835.9
15°	6796.9	6695.9	6239.2	5261.5	4646.3	4163.6	3764.5	3473.4	3365.4	3452.5	3670.4
17.5°	7034.0	6906.7	6427.5	5301.6	4503.4	3900.4	3410.7	3077.8	2987.2	3126.6	3410.7
20°	7795.6	7607.3	7014.8	5533.4	4489.5	3769.7	3205.0	2870.4	2908.7	3173.7	3469.9
22.5°	9203.8	8921.4	8043.1	5871.5	4562.7	3736.6	3163.2	2988.9	3199.8	3424.6	3619.8
25°	9482.6	9261.3	8227.8	5948.2	4547.0	3713.9	3281.7	3368.8	3604.1	3715.7	3647.7
27.5°	9639.5	9386.8	8215.6	5568.3	4066.0	3368.8	3137.1	3281.7	3341.0	3232.9	3048.2
30°	10005.5	9742.3	8423.0	5169.2	3347.9	2499.2	2190.7	2131.5	2171.5	2192.5	2126.2
32.5°	10509.1	10249.4	8813.4	4907.7	2894.8	2067.0	1763.7	1680.1	1660.9	1638.2	1612.1
35°	11160.9	10761.8	9196.8	4740.4	2708.3	1911.9	1633.0	1568.5	1542.4	1511.0	1483.1
37.5°	11823.2	11404.9	9681.3	4564.4	2584.6	1803.8	1545.9	1516.2	1470.9	1437.8	1397.7
40°	12527.3	12058.5	10122.2	4411.0	2464.3	1734.1	1483.1	1479.6	1420.4	1382.0	1335.0
42.5°	13137.3	12654.5	10516.1	4316.9	2372.0	1660.9	1444.8	1455.2	1394.2	1336.7	1275.7
45°	13621.8	13147.7	10880.3	4316.9	2297.0	1587.7	1437.8	1430.8	1369.8	1298.4	1228.7
47.5°	14047.0	13557.3	11235.9	4426.7	2250.0	1526.7	1399.5	1411.7	1348.9	1258.3	1190.3
50°	14376.4	13944.2	11715.1	4597.5	2202.9	1477.9	1350.7	1416.9	1331.5	1237.4	1159.0
52.5°	14796.4	14409.5	12292.0	4831.1	2162.8	1423.9	1307.1	1416.9	1329.8	1239.1	1153.7
55°	15378.5	14970.7	12987.4	5024.5	2098.3	1373.3	1268.8	1376.8	1324.5	1230.4	1139.8
57.5°	15786.3	15481.3	13478.9	5153.5	2006.0	1308.8	1233.9	1338.5	1301.9	1197.3	1098.0
58°	15805.5	15507.5	13550.3	5183.1	1983.3	1296.6	1225.2	1321.0	1291.4	1183.4	1084.0
60°	15585.9	15329.7	13564.3	5141.3	1854.3	1235.6	1179.9	1249.6	1235.6	1101.5	1009.1
62.5°	14787.7	14514.1	13001.3	4801.4	1683.6	1160.7	1110.2	1153.7	1122.4	986.4	901.0
65°	13653.1	13149.5	11844.1	4268.1	1561.6	1080.5	1016.1	1019.5	986.4	888.8	813.9
67.5°	12142.1	11579.2	10028.1	3597.2	1469.2	991.7	904.5	895.8	855.7	793.0	732.0
70°	10282.6	9897.4	8149.4	2926.2	1366.4	894.1	779.0	773.8	749.4	702.4	648.3
72.5°	8334.1	7844.4	6580.8	2342.3	1240.9	799.9	662.3	672.7	641.4	608.2	559.4
75°	6150.4	5829.7	5087.3	1878.7	1071.8	697.1	552.5	556.0	542.0	507.2	468.8
77.5°	4050.3	3954.4	3639.0	1233.9	824.3	554.2	451.4	454.9	444.4	413.0	373.0
80°	2725.7	2661.3	2466.1	794.7	550.7	400.8	348.6	352.0	350.3	317.2	263.2
82.5°	1680.1	1652.2	1589.4	536.8	381.7	287.6	230.1	240.5	259.7	223.1	179.5
85°	793.0	794.7	960.3	292.8	224.8	184.7	125.5	134.2	134.2	134.2	101.1
87.5°	102.8	108.1	132.5	123.7	81.9	69.7	45.3	38.3	33.1	43.6	31.4
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6
2.5°	5751.3	5716.4	5641.5	5624.0	5613.6	5643.2	5564.8	5585.7	5550.8	5648.4	5632.7
5°	4815.4	4818.9	4879.9	4919.9	4933.9	4919.9	4867.7	4777.0	4707.3	4679.4	4686.4
7.5°	4149.6	4210.6	4315.2	4432.0	4538.3	4569.6	4540.0	4367.5	4179.2	4060.7	4022.4
10°	3928.3	4010.2	4130.5	4222.8	4316.9	4391.9	4407.6	4273.4	4050.3	3769.7	3659.9
12.5°	3940.5	4052.0	4167.0	4196.7	4188.0	4217.6	4203.6	4181.0	4034.6	3677.3	3494.3
15°	3825.5	3957.9	4038.1	4022.4	3994.5	3968.4	3931.8	3874.3	3822.0	3571.0	3368.8
17.5°	3560.6	3696.5	3762.7	3767.9	3767.9	3761.0	3672.1	3651.2	3644.2	3522.2	3398.5
20°	3609.4	3684.3	3654.7	3605.9	3619.8	3666.9	3614.6	3604.1	3644.2	3698.2	3675.6
22.5°	3637.2	3611.1	3388.0	3171.9	3123.1	3269.5	3299.1	3415.9	3578.0	3773.2	3900.4
25°	3464.7	3253.8	2854.7	2610.7	2473.0	2609.0	2786.7	3002.9	3245.1	3496.1	3644.2
27.5°	2896.5	2736.2	2450.4	2230.8	2110.5	2131.5	2283.1	2480.0	2704.8	2873.9	2981.9
30°	2182.0	2110.5	1962.4	1887.5	1814.3	1796.8	1861.3	1936.3	2035.6	2056.5	2084.4
32.5°	1606.9	1596.4	1605.1	1580.7	1566.8	1565.0	1545.9	1563.3	1573.8	1586.0	1561.6
35°	1453.5	1439.6	1415.2	1408.2	1399.5	1403.0	1394.2	1385.5	1392.5	1403.0	1409.9
37.5°	1375.1	1354.2	1319.3	1307.1	1307.1	1312.3	1298.4	1294.9	1307.1	1340.2	1357.6
40°	1314.1	1289.7	1249.6	1233.9	1244.4	1258.3	1239.1	1232.2	1261.8	1296.6	1324.5
42.5°	1256.6	1237.4	1199.1	1181.6	1190.3	1216.5	1188.6	1183.4	1221.7	1260.0	1293.2
45°	1207.8	1188.6	1153.7	1145.0	1148.5	1172.9	1153.7	1153.7	1190.3	1232.2	1261.8
47.5°	1169.4	1145.0	1122.4	1115.4	1118.9	1132.8	1129.3	1129.3	1164.2	1207.8	1237.4
50°	1131.1	1110.2	1080.5	1084.0	1092.7	1111.9	1110.2	1115.4	1150.3	1204.3	1235.6
52.5°	1113.7	1082.3	1049.2	1052.7	1078.8	1101.5	1094.5	1099.7	1139.8	1240.9	1286.2
55°	1094.5	1052.7	1014.3	1019.5	1049.2	1082.3	1073.6	1080.5	1127.6	1265.3	1328.0
57.5°	1057.9	1009.1	967.3	970.7	1014.3	1049.2	1035.2	1043.9	1099.7	1239.1	1305.4
58°	1042.2	1000.4	960.3	962.0	1003.9	1042.2	1026.5	1033.5	1091.0	1232.2	1294.9
60°	976.0	951.6	916.7	918.5	958.5	991.7	982.9	989.9	1045.7	1181.6	1228.7
62.5°	885.3	871.4	862.7	862.7	887.1	918.5	927.2	935.9	986.4	1068.3	1110.2
65°	787.7	787.7	789.5	789.5	805.2	845.3	850.5	873.1	920.2	960.3	991.7
67.5°	721.5	718.0	721.5	712.8	719.8	744.2	770.3	791.2	840.0	867.9	878.4
70°	636.1	634.4	636.1	623.9	632.6	653.6	671.0	705.8	756.4	777.3	782.5
72.5°	552.5	552.5	556.0	547.2	547.2	569.9	582.1	620.4	667.5	679.7	681.4
75°	465.3	470.6	470.6	458.4	461.8	475.8	491.5	522.8	566.4	575.1	575.1
77.5°	369.5	388.6	388.6	376.4	381.7	383.4	404.3	420.0	453.1	456.6	442.7
80°	268.4	287.6	303.2	292.8	301.5	291.0	303.2	313.7	346.8	331.1	308.5
82.5°	191.7	205.7	217.9	219.6	210.9	191.7	207.4	209.1	224.8	203.9	191.7
85°	106.3	118.5	134.2	127.2	113.3	101.1	106.3	109.8	108.1	102.8	95.9
87.5°	27.9	29.6	33.1	24.4	22.7	19.2	26.1	26.1	29.6	31.4	29.6
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°	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6
2.5°	5644.9	5721.6	5887.2	6012.7	6166.0	6352.5	6572.1	6793.5	7032.2	7107.2	7211.7
5°	4670.7	4862.4	4942.6	5170.9	5397.5	5737.3	6099.8	6519.8	6979.9	7201.3	7413.9
7.5°	3991.0	4093.9	4177.5	4344.8	4616.7	5029.7	5484.6	6009.2	6661.0	6983.4	7295.4
10°	3625.0	3635.5	3738.3	3945.7	4182.7	4547.0	4977.5	5564.8	6291.5	6683.7	7049.7
12.5°	3382.8	3337.5	3449.0	3665.1	3933.5	4269.9	4665.5	5224.9	6024.9	6427.5	6870.1
15°	3170.2	3098.7	3182.4	3403.7	3668.6	4064.2	4489.5	5082.0	5920.3	6389.1	6880.6
17.5°	3175.4	2978.5	3008.1	3194.6	3457.7	3860.3	4376.2	5076.8	6078.9	6619.2	7201.3
20°	3567.5	3252.1	3117.9	3152.7	3407.2	3846.4	4428.5	5320.8	6600.0	7387.8	8009.9
22.5°	3952.7	3762.7	3546.6	3475.2	3614.6	4074.7	4761.3	5897.7	7732.8	8919.7	10043.8
25°	3818.5	3980.6	3926.5	3825.5	3856.8	4238.5	4987.9	6371.7	8612.9	9949.7	11005.8
27.5°	3055.1	3349.7	3408.9	3407.2	3419.4	3733.1	4486.0	6052.8	8722.7	10146.6	11155.7
30°	2147.1	2173.3	2204.6	2265.6	2321.4	2602.0	3510.0	5313.8	8673.9	10235.5	11246.3
32.5°	1549.4	1584.2	1627.8	1711.4	1843.9	2201.2	3070.8	5078.5	8931.9	10603.2	11511.2
35°	1416.9	1457.0	1498.8	1594.7	1720.1	2051.3	2896.5	4980.9	9355.4	11199.3	11987.0
37.5°	1375.1	1420.4	1457.0	1526.7	1627.8	1943.2	2737.9	4914.7	9789.3	11830.2	12624.9
40°	1345.4	1397.7	1427.4	1483.1	1552.8	1843.9	2596.8	4862.4	10209.4	12407.0	13137.3
42.5°	1319.3	1373.3	1411.7	1451.8	1509.3	1755.0	2471.3	4810.1	10573.6	12966.5	13647.9
45°	1287.9	1355.9	1404.7	1436.1	1486.6	1680.1	2375.4	4768.3	10988.4	13463.2	14163.8
47.5°	1261.8	1336.7	1397.7	1434.3	1453.5	1627.8	2298.8	4825.8	11486.8	13982.5	14643.1
50°	1263.5	1335.0	1411.7	1469.2	1418.6	1584.2	2251.7	5054.1	12135.2	14599.5	15021.2
52.5°	1319.3	1406.4	1467.4	1481.4	1369.8	1531.9	2227.3	5453.2	12902.0	15145.0	15402.9
55°	1382.0	1472.7	1538.9	1530.2	1343.7	1465.7	2222.1	5878.5	13742.0	15781.1	15899.6
57.5°	1359.4	1491.8	1592.9	1547.6	1345.4	1401.2	2199.4	6221.8	14444.4	16256.9	16391.1
58°	1352.4	1484.9	1599.9	1544.1	1340.2	1382.0	2194.2	6251.4	14542.0	16290.0	16460.8
60°	1284.4	1423.9	1594.7	1518.0	1310.6	1329.8	2136.7	6347.3	14515.8	16119.2	16502.6
62.5°	1160.7	1275.7	1474.4	1390.8	1220.0	1260.0	2007.7	6228.8	13808.3	15296.6	15890.9
65°	1021.3	1106.7	1239.1	1223.5	1091.0	1188.6	1831.7	5760.0	12391.4	13961.6	14587.3
67.5°	916.7	986.4	1070.1	1047.4	981.2	1092.7	1641.7	4967.0	10801.9	12358.2	13146.0
70°	810.4	864.4	906.3	890.6	869.7	998.6	1472.7	4031.1	9278.7	10835.0	11598.4
72.5°	702.4	752.9	787.7	765.1	752.9	899.3	1335.0	3128.3	7328.5	8938.9	9920.1
75°	587.3	637.9	662.3	636.1	629.2	793.0	1131.1	2337.1	5498.6	6891.1	7738.1
77.5°	454.9	508.9	540.3	531.6	535.0	651.8	913.2	1599.9	3931.8	4696.9	5589.2
80°	318.9	378.2	399.1	390.4	414.8	496.7	644.8	1016.1	2711.8	3048.2	3677.3
82.5°	196.9	252.7	256.2	264.9	282.3	367.7	486.2	618.7	1702.7	1760.2	2216.8
85°	99.3	120.3	129.0	142.9	158.6	224.8	277.1	383.4	1096.2	829.6	1239.1
87.5°	33.1	34.9	41.8	52.3	64.5	92.4	118.5	156.9	271.9	149.9	383.4
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6	6629.6
2.5°	7422.6	7570.8	7678.8	7778.1	7682.3	7673.6	7579.5	7427.8	7365.1	7365.1
5°	7860.1	8206.9	8487.5	8667.0	8590.3	8405.6	8100.6	7711.9	7502.8	7466.2
7.5°	7980.3	8665.2	9186.3	9371.1	9242.1	8834.3	8250.4	7595.1	7295.4	7229.2
10°	7907.1	8797.7	9562.8	9855.6	9676.1	9059.1	8262.6	7459.2	7089.7	7013.1
12.5°	7830.4	8815.1	9632.5	10056.0	9939.2	9240.4	8351.5	7370.3	6943.3	6833.5
15°	7886.2	8822.1	9547.1	9984.5	10059.5	9458.2	8497.9	7434.8	6913.7	6796.9
17.5°	8238.2	8954.5	9425.1	9778.9	10042.0	9754.5	8914.5	7743.3	7178.6	7034.0
20°	8973.7	9271.7	9494.8	9768.4	10191.9	10359.2	9766.7	8590.3	7922.8	7795.6
22.5°	11103.4	11049.4	10592.8	10587.5	11201.0	11872.0	11831.9	10312.2	9308.3	9203.8
25°	11901.6	11650.7	10990.1	10829.8	11099.9	12135.2	11985.3	10664.2	9737.1	9482.6
27.5°	11589.7	10967.5	10533.5	10496.9	10408.0	11385.8	11746.5	10807.1	9886.9	9639.5
30°	11570.5	10655.5	10035.1	10108.3	10193.7	11127.8	11879.0	11255.0	10270.4	10005.5
32.5°	11617.5	10699.1	10071.7	10085.6	10340.1	11166.2	12025.4	11743.0	10774.0	10509.1
35°	11807.5	10946.6	10305.2	10272.1	10669.5	11417.1	12274.6	12509.9	11462.4	11160.9
37.5°	12114.2	11439.8	10732.2	10723.5	11300.4	11870.3	12584.8	13283.7	12147.4	11823.2
40°	12565.6	12016.6	11492.1	11445.0	12157.8	12607.5	12987.4	14108.0	12943.8	12527.3
42.5°	13111.1	12708.5	12494.2	12680.7	13365.6	13435.3	13614.8	14869.6	13621.8	13137.3
45°	13616.5	13597.4	13895.4	14390.4	14789.5	14371.2	14270.1	15380.3	14148.1	13621.8
47.5°	14217.8	14737.2	15636.5	16361.5	16779.7	15460.4	14829.5	15713.1	14531.5	14047.0
50°	14827.8	16101.8	17537.9	18548.7	18637.6	16643.8	15214.7	16026.8	14880.1	14376.4
52.5°	15469.1	17191.0	19102.9	20277.6	20105.0	17673.8	15587.7	16239.5	15239.1	14796.4
55°	16026.8	17858.5	19977.8	21105.4	20852.7	18301.2	15990.2	16469.5	15751.5	15378.5
57.5°	16338.8	17914.3	19759.9	20744.6	20471.0	18179.2	16175.0	16640.3	16079.1	15786.3
58°	16384.1	17839.4	19566.5	20535.5	20256.6	18076.4	16173.2	16633.3	16100.0	15805.5
60°	16344.0	17353.1	18846.7	19709.4	19416.6	17431.5	16107.0	16502.6	15835.1	15585.9
62.5°	15972.8	16509.6	17604.1	18231.5	18147.8	16424.2	15835.1	16009.4	15028.2	14787.7
65°	15484.8	15359.4	16012.9	16457.3	16520.1	15669.6	15565.0	14942.8	13993.0	13653.1
67.5°	14892.3	14055.7	14054.0	14306.7	14411.3	14508.9	15002.1	13783.9	12501.1	12142.1
70°	13886.7	12046.3	11492.1	11790.1	11702.9	12527.3	13996.5	12156.1	10702.6	10282.6
72.5°	12042.8	9559.3	8672.2	9055.6	8836.0	9824.2	12246.7	10003.7	8850.0	8334.1
75°	9761.5	7150.7	6235.8	6587.8	6451.9	7452.2	10190.2	7265.8	6347.3	6150.4
77.5°	7579.5	5181.4	4649.8	4601.0	4702.1	5545.6	7474.9	4906.0	4184.5	4050.3
80°	4869.4	3708.7	3740.1	3677.3	3729.6	3496.1	4538.3	3130.1	2833.8	2725.7
82.5°	3205.0	2584.6	3081.3	2844.3	2701.3	2351.0	2976.7	2049.5	1739.3	1680.1
85°	2183.7	1903.1	1732.3	1324.5	1559.8	1810.8	2232.5	1103.2	874.9	793.0
87.5°	986.4	662.3	486.2	299.8	474.0	547.2	1084.0	129.0	99.3	102.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)