

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: P459079

Luminaire Tested: **GALN-SA5D-735-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P459079
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-SA5D-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 3500K, 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: 31108 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

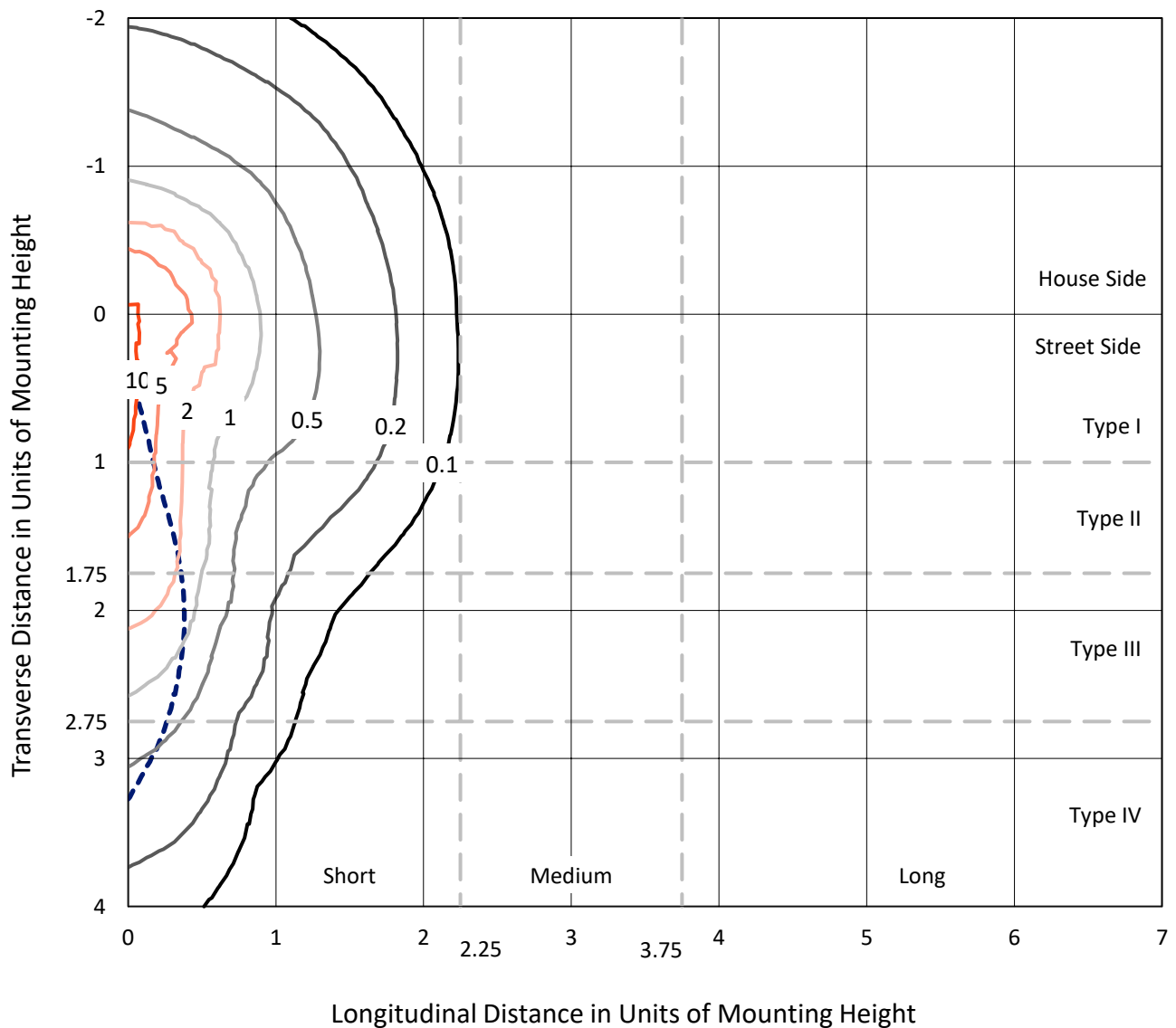
Input Watts (W): 309
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

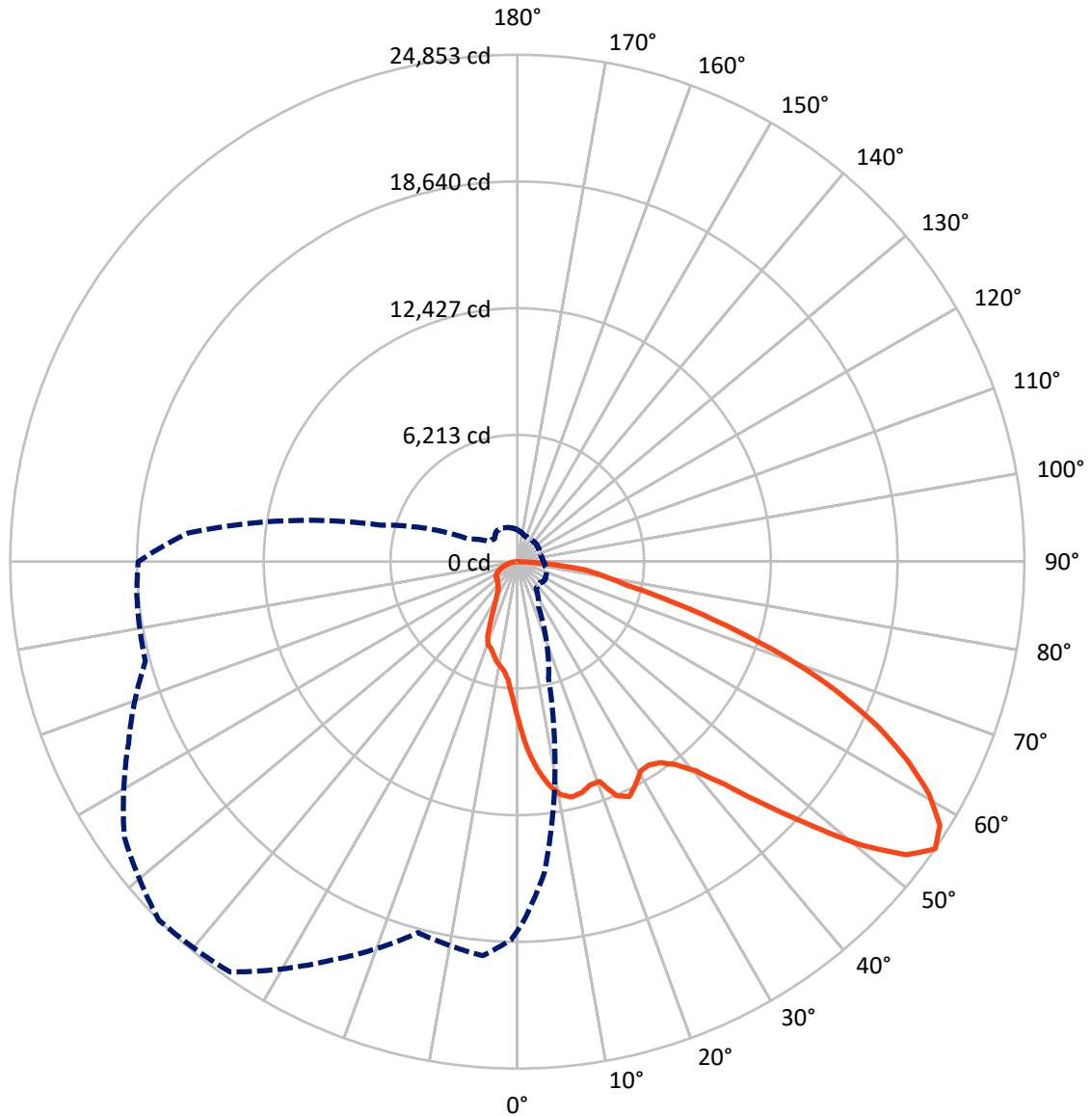
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.4 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	6804.7	0.0	6804.7
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	24303.3	0.0	24303.3
	% Fixture	78.1	0.0	78.1
Total	Lumens	31108.0	0.0	31108.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	661.7	2.1
10°-20°	1755.4	5.6
20°-30°	3032.5	9.7
30°-40°	3524.3	11.3
40°-50°	4917.1	15.8
50°-60°	6671.9	21.4
60°-70°	6347.5	20.4
70°-80°	3429.1	11.0
80°-90°	768.5	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°	31108.0	100.0
0°-180°	31108.0	100.0

Coefficient of Utilization



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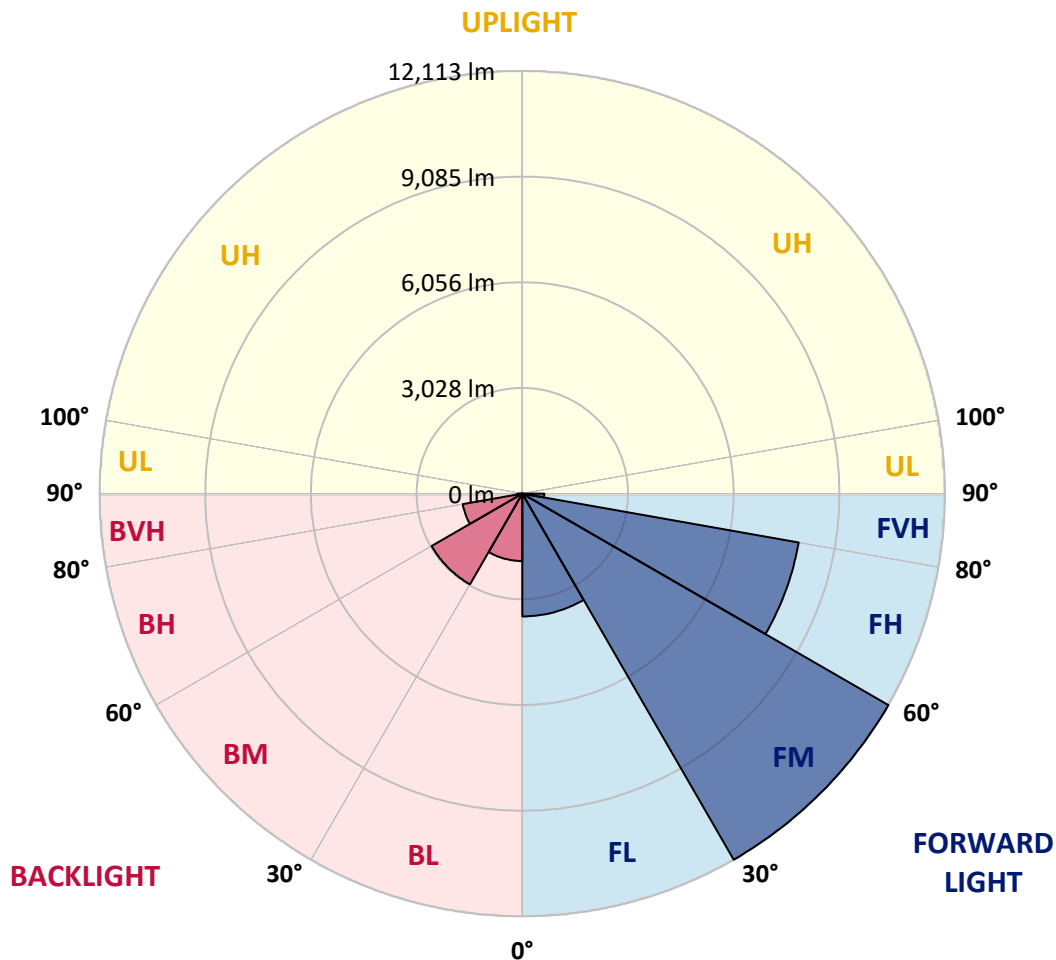
CATALOG NUMBER: GALN-SA5D-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3518.4	11.3			
FM	(30°-60°)	12112.8	38.9			
FH	(60°-80°)	8044.0	25.9			G4/12000
FVH	(80°-90°)	628.1	2.0			G4/750
BL	(0°-30°)	1931.2	6.2	B3/2500		
BM	(30°-60°)	3000.5	9.6	B3/5000		
BH	(60°-80°)	1732.7	5.6	B3/2500		G3/2500
BVH	(80°-90°)	140.4	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°	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9
2.5°	8673.0	8640.1	8547.8	8305.6	8061.4	7813.0	7622.2	7384.1	7135.8	7002.4	6832.1
5°	8792.0	8755.0	8537.5	7991.6	7497.0	6977.8	6563.2	6200.0	6052.2	5834.6	5660.2
7.5°	8512.9	8496.5	8170.1	7386.2	6708.9	6029.6	5559.6	5268.2	5003.5	4905.0	4925.5
10°	8258.4	8192.7	7784.3	6760.2	5970.1	5418.0	5081.5	4796.2	4609.4	4560.2	4570.4
12.5°	8047.0	7958.8	7476.5	6339.5	5647.9	5206.6	4777.7	4480.1	4309.8	4357.0	4517.1
15°	8003.9	7884.9	7347.2	6195.8	5471.4	4902.9	4432.9	4090.2	3963.0	4065.6	4322.1
17.5°	8283.0	8133.2	7568.8	6243.1	5303.1	4593.0	4016.3	3624.3	3517.6	3681.8	4016.3
20°	9179.9	8958.2	8260.4	6516.0	5286.7	4439.1	3774.2	3380.1	3425.3	3737.2	4086.1
22.5°	10838.1	10505.6	9471.3	6914.1	5372.9	4400.1	3724.9	3519.7	3768.0	4032.7	4262.6
25°	11166.5	10905.8	9688.8	7004.4	5354.4	4373.4	3864.5	3967.1	4244.1	4375.5	4295.4
27.5°	11351.2	11053.6	9674.5	6557.1	4788.0	3967.1	3694.1	3864.5	3934.2	3807.0	3589.4
30°	11782.2	11472.3	9918.7	6087.1	3942.4	2943.0	2579.7	2509.9	2557.1	2581.8	2503.8
32.5°	12375.3	12069.5	10378.4	5779.2	3408.8	2434.0	2076.9	1978.4	1955.8	1929.1	1898.4
35°	13142.8	12672.9	10829.9	5582.2	3189.3	2251.4	1923.0	1847.1	1816.3	1779.3	1746.5
37.5°	13922.7	13430.2	11400.4	5374.9	3043.5	2124.1	1820.4	1785.5	1732.1	1693.1	1645.9
40°	14751.8	14199.8	11919.7	5194.3	2901.9	2042.0	1746.5	1742.4	1672.6	1627.5	1572.1
42.5°	15470.1	14901.6	12383.5	5083.5	2793.2	1955.8	1701.3	1713.7	1641.8	1574.1	1502.3
45°	16040.7	15482.4	12812.4	5083.5	2704.9	1869.6	1693.1	1684.9	1613.1	1529.0	1446.9
47.5°	16541.4	15964.7	13231.1	5212.8	2649.5	1797.8	1648.0	1662.4	1588.5	1481.7	1401.7
50°	16929.3	16420.3	13795.5	5413.9	2594.1	1740.3	1590.5	1668.5	1567.9	1457.1	1364.8
52.5°	17423.9	16968.3	14474.8	5688.9	2546.9	1676.7	1539.2	1668.5	1565.9	1459.2	1358.6
55°	18109.4	17629.1	15293.6	5916.7	2471.0	1617.2	1494.1	1621.3	1559.7	1448.9	1342.2
57.5°	18589.6	18230.4	15872.4	6068.6	2362.2	1541.3	1453.0	1576.2	1533.1	1409.9	1292.9
58°	18612.2	18261.2	15956.5	6103.5	2335.5	1526.9	1442.8	1555.6	1520.7	1393.5	1276.5
60°	18353.6	18051.9	15972.9	6054.2	2183.6	1455.1	1389.4	1471.5	1455.1	1297.0	1188.3
62.5°	17413.6	17091.4	15310.0	5654.0	1982.5	1366.8	1307.3	1358.6	1321.7	1161.6	1061.0
65°	16077.6	15484.5	13947.3	5026.0	1838.8	1272.4	1196.5	1200.6	1161.6	1046.7	958.4
67.5°	14298.3	13635.4	11808.8	4235.9	1730.1	1167.8	1065.1	1054.9	1007.7	933.8	862.0
70°	12108.5	11654.9	9596.5	3445.8	1609.0	1052.8	917.4	911.2	882.5	827.1	763.5
72.5°	9814.0	9237.3	7749.4	2758.3	1461.2	942.0	779.9	792.2	755.2	716.2	658.8
75°	7242.5	6864.9	5990.6	2212.4	1262.2	820.9	650.6	654.7	638.3	597.2	552.1
77.5°	4769.5	4656.6	4285.2	1453.0	970.7	652.6	531.5	535.6	523.3	486.4	439.2
80°	3209.8	3133.8	2904.0	935.8	648.5	472.0	410.5	414.6	412.5	373.5	309.9
82.5°	1978.4	1945.6	1871.7	632.1	449.5	338.6	270.9	283.2	305.8	262.7	211.4
85°	933.8	935.8	1130.8	344.8	264.7	217.5	147.8	158.0	158.0	158.0	119.0
87.5°	121.1	127.2	156.0	145.7	96.5	82.1	53.4	45.2	39.0	51.3	36.9
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9
2.5°	6772.5	6731.5	6643.2	6622.7	6610.4	6645.3	6552.9	6577.6	6536.5	6651.5	6633.0
5°	5670.5	5674.6	5746.4	5793.6	5810.0	5793.6	5732.0	5625.3	5543.2	5510.4	5518.6
7.5°	4886.5	4958.3	5081.5	5219.0	5344.2	5381.1	5346.2	5143.0	4921.4	4781.8	4736.7
10°	4625.9	4722.3	4863.9	4972.7	5083.5	5171.8	5190.2	5032.2	4769.5	4439.1	4309.8
12.5°	4640.2	4771.6	4907.0	4941.9	4931.6	4966.5	4950.1	4923.4	4751.0	4330.3	4114.8
15°	4504.8	4660.7	4755.1	4736.7	4703.8	4673.1	4630.0	4562.2	4500.7	4205.1	3967.1
17.5°	4192.8	4352.9	4430.9	4437.0	4437.0	4428.8	4324.2	4299.5	4291.3	4147.7	4002.0
20°	4250.3	4338.5	4303.6	4246.2	4262.6	4318.0	4256.4	4244.1	4291.3	4354.9	4328.3
22.5°	4283.1	4252.3	3989.6	3735.2	3677.7	3850.1	3885.0	4022.5	4213.3	4443.2	4593.0
25°	4079.9	3831.6	3361.6	3074.3	2912.2	3072.3	3281.6	3536.1	3821.4	4116.9	4291.3
27.5°	3410.9	3222.1	2885.5	2626.9	2485.3	2509.9	2688.5	2920.4	3185.1	3384.2	3511.5
30°	2569.5	2485.3	2310.9	2222.6	2136.4	2115.9	2191.8	2280.1	2397.1	2421.7	2454.5
32.5°	1892.2	1879.9	1890.2	1861.4	1845.0	1843.0	1820.4	1840.9	1853.2	1867.6	1838.8
35°	1711.6	1695.2	1666.5	1658.2	1648.0	1652.1	1641.8	1631.6	1639.8	1652.1	1660.3
37.5°	1619.3	1594.6	1553.6	1539.2	1539.2	1545.4	1529.0	1524.8	1539.2	1578.2	1598.7
40°	1547.4	1518.7	1471.5	1453.0	1465.3	1481.7	1459.2	1451.0	1485.9	1526.9	1559.7
42.5°	1479.7	1457.1	1412.0	1391.4	1401.7	1432.5	1399.7	1393.5	1438.7	1483.8	1522.8
45°	1422.2	1399.7	1358.6	1348.4	1352.5	1381.2	1358.6	1358.6	1401.7	1451.0	1485.9
47.5°	1377.1	1348.4	1321.7	1313.5	1317.6	1334.0	1329.9	1329.9	1370.9	1422.2	1457.1
50°	1331.9	1307.3	1272.4	1276.5	1286.8	1309.4	1307.3	1313.5	1354.5	1418.1	1455.1
52.5°	1311.4	1274.5	1235.5	1239.6	1270.4	1297.0	1288.8	1295.0	1342.2	1461.2	1514.6
55°	1288.8	1239.6	1194.4	1200.6	1235.5	1274.5	1264.2	1272.4	1327.8	1490.0	1563.8
57.5°	1245.7	1188.3	1139.0	1143.1	1194.4	1235.5	1219.1	1229.3	1295.0	1459.2	1537.2
58°	1227.3	1178.0	1130.8	1132.9	1182.1	1227.3	1208.8	1217.0	1284.7	1451.0	1524.8
60°	1149.3	1120.5	1079.5	1081.6	1128.8	1167.8	1157.5	1165.7	1231.4	1391.4	1446.9
62.5°	1042.6	1026.1	1015.9	1015.9	1044.6	1081.6	1091.8	1102.1	1161.6	1258.1	1307.3
65°	927.6	927.6	929.7	929.7	948.2	995.4	1001.5	1028.2	1083.6	1130.8	1167.8
67.5°	849.6	845.5	849.6	839.4	847.6	876.3	907.1	931.7	989.2	1022.0	1034.4
70°	749.1	747.0	749.1	734.7	745.0	769.6	790.1	831.2	890.7	915.3	921.5
72.5°	650.6	650.6	654.7	644.4	644.4	671.1	685.5	730.6	786.0	800.4	802.4
75°	548.0	554.1	554.1	539.8	543.9	560.3	578.7	615.7	667.0	677.3	677.3
77.5°	435.1	457.7	457.7	443.3	449.5	451.5	476.1	494.6	533.6	537.7	521.3
80°	316.1	338.6	357.1	344.8	355.0	342.7	357.1	369.4	408.4	389.9	363.3
82.5°	225.8	242.2	256.5	258.6	248.3	225.8	244.2	246.3	264.7	240.1	225.8
85°	125.2	139.6	158.0	149.8	133.4	119.0	125.2	129.3	127.2	121.1	112.9
87.5°	32.8	34.9	39.0	28.7	26.7	22.6	30.8	30.8	34.9	36.9	34.9
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°	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9
2.5°	6647.4	6737.7	6932.6	7080.4	7261.0	7480.6	7739.2	7999.8	8281.0	8369.2	8492.4
5°	5500.1	5725.9	5820.3	6089.1	6355.9	6756.1	7183.0	7677.6	8219.4	8480.0	8730.4
7.5°	4699.7	4820.8	4919.3	5116.3	5436.5	5922.9	6458.5	7076.3	7843.8	8223.5	8590.9
10°	4268.8	4281.1	4402.2	4646.4	4925.5	5354.4	5861.3	6552.9	7408.7	7870.5	8301.5
12.5°	3983.5	3930.1	4061.5	4316.0	4632.0	5028.1	5494.0	6152.8	7094.7	7568.8	8090.1
15°	3733.1	3649.0	3747.5	4008.1	4320.1	4785.9	5286.7	5984.5	6971.6	7523.7	8102.4
17.5°	3739.3	3507.4	3542.2	3761.8	4071.7	4545.8	5153.3	5978.3	7158.4	7794.6	8480.0
20°	4201.0	3829.6	3671.5	3712.6	4012.2	4529.4	5214.9	6265.6	7772.0	8699.6	9432.3
22.5°	4654.6	4430.9	4176.4	4092.3	4256.4	4798.2	5606.8	6944.9	9106.0	10503.6	11827.3
25°	4496.6	4687.4	4623.8	4504.8	4541.7	4991.2	5873.6	7503.2	10142.4	11716.5	12960.2
27.5°	3597.7	3944.5	4014.3	4012.2	4026.6	4396.0	5282.6	7127.6	10271.7	11948.4	13136.7
30°	2528.4	2559.2	2596.1	2668.0	2733.6	3064.1	4133.3	6257.4	10214.2	12053.1	13243.4
32.5°	1824.5	1865.5	1916.8	2015.3	2171.3	2592.0	3616.1	5980.4	10518.0	12486.1	13555.3
35°	1668.5	1715.7	1765.0	1877.8	2025.6	2415.5	3410.9	5865.4	11016.7	13188.0	14115.6
37.5°	1619.3	1672.6	1715.7	1797.8	1916.8	2288.3	3224.1	5787.4	11527.7	13930.9	14866.8
40°	1584.4	1645.9	1680.8	1746.5	1828.6	2171.3	3057.9	5725.9	12022.3	14610.2	15470.1
42.5°	1553.6	1617.2	1662.4	1709.6	1777.3	2066.7	2910.1	5664.3	12451.2	15269.0	16071.4
45°	1516.6	1596.7	1654.1	1691.1	1750.6	1978.4	2797.3	5615.1	12939.7	15853.9	16678.9
47.5°	1485.9	1574.1	1645.9	1689.0	1711.6	1916.8	2707.0	5682.8	13526.6	16465.5	17243.3
50°	1487.9	1572.1	1662.4	1730.1	1670.6	1865.5	2651.6	5951.6	14290.1	17192.0	17688.6
52.5°	1553.6	1656.2	1728.0	1744.4	1613.1	1804.0	2622.8	6421.6	15193.1	17834.4	18138.1
55°	1627.5	1734.2	1812.2	1801.9	1582.3	1726.0	2616.7	6922.4	16182.3	18583.4	18723.0
57.5°	1600.8	1756.8	1875.8	1822.4	1584.4	1650.0	2590.0	7326.7	17009.3	19143.7	19301.7
58°	1592.6	1748.5	1884.0	1818.3	1578.2	1627.5	2583.8	7361.5	17124.3	19182.7	19383.8
60°	1512.5	1676.7	1877.8	1787.5	1543.3	1565.9	2516.1	7474.4	17093.5	18981.6	19433.1
62.5°	1366.8	1502.3	1736.2	1637.7	1436.6	1483.8	2364.2	7334.9	16260.3	18012.9	18712.7
65°	1202.6	1303.2	1459.2	1440.7	1284.7	1399.7	2157.0	6782.8	14591.7	16440.9	17177.6
67.5°	1079.5	1161.6	1260.1	1233.4	1155.4	1286.8	1933.3	5849.0	12720.1	14552.8	15480.4
70°	954.3	1017.9	1067.2	1048.7	1024.1	1176.0	1734.2	4746.9	10926.4	12759.1	13658.0
72.5°	827.1	886.6	927.6	901.0	886.6	1059.0	1572.1	3683.9	8629.9	10526.2	11681.6
75°	691.6	751.1	779.9	749.1	740.9	933.8	1331.9	2752.1	6475.0	8114.7	9112.1
77.5°	535.6	599.3	636.2	625.9	630.1	767.6	1075.4	1884.0	4630.0	5530.9	6581.7
80°	375.6	445.3	470.0	459.7	488.4	584.9	759.3	1196.5	3193.4	3589.4	4330.3
82.5°	231.9	297.6	301.7	311.9	332.5	433.0	572.6	728.6	2005.1	2072.8	2610.5
85°	117.0	141.6	151.9	168.3	186.8	264.7	326.3	451.5	1290.9	976.9	1459.2
87.5°	39.0	41.0	49.3	61.6	75.9	108.8	139.6	184.7	320.2	176.5	451.5
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9	7806.9
2.5°	8740.7	8915.1	9042.4	9159.3	9046.5	9036.2	8925.4	8746.8	8673.0	8673.0
5°	9255.8	9664.2	9994.6	10206.0	10115.7	9898.2	9539.0	9081.4	8835.1	8792.0
7.5°	9397.4	10204.0	10817.6	11035.1	10883.3	10403.0	9715.5	8943.9	8590.9	8512.9
10°	9311.2	10359.9	11260.9	11605.7	11394.3	10667.8	9729.9	8783.8	8348.7	8258.4
12.5°	9220.9	10380.5	11343.0	11841.7	11704.2	10881.2	9834.6	8679.1	8176.3	8047.0
15°	9286.6	10388.7	11242.4	11757.5	11845.8	11137.8	10006.9	8755.0	8141.4	8003.9
17.5°	9701.2	10544.6	11098.8	11515.4	11825.3	11486.6	10497.4	9118.3	8453.4	8283.0
20°	10567.2	10918.2	11180.8	11503.1	12001.8	12198.8	11501.0	10115.7	9329.7	9179.9
22.5°	13075.1	13011.5	12473.8	12467.6	13190.0	13980.2	13933.0	12143.4	10961.3	10838.1
25°	14015.1	13719.5	12941.7	12752.9	13071.0	14290.1	14113.6	12557.9	11466.1	11166.5
27.5°	13647.7	12915.0	12404.0	12360.9	12256.2	13407.6	13832.4	12726.2	11642.6	11351.2
30°	13625.1	12547.7	11817.1	11903.3	12003.8	13103.8	13988.4	13253.7	12094.1	11782.2
32.5°	13680.5	12599.0	11860.2	11876.6	12176.2	13149.0	14160.8	13828.3	12687.2	12375.3
35°	13904.2	12890.4	12135.2	12096.2	12564.1	13444.5	14454.2	14731.3	13497.9	13142.8
37.5°	14265.4	13471.2	12638.0	12627.7	13307.0	13978.1	14819.6	15642.5	14304.4	13922.7
40°	14797.0	14150.5	13532.8	13477.4	14316.7	14846.2	15293.6	16613.2	15242.3	14751.8
42.5°	15439.3	14965.3	14712.8	14932.4	15739.0	15821.1	16032.5	17510.1	16040.7	15470.1
45°	16034.5	16011.9	16362.9	16945.7	17415.7	16923.1	16804.1	18111.4	16660.5	16040.7
47.5°	16742.5	17354.1	18413.1	19266.9	19759.4	18205.8	17462.9	18503.4	17112.0	16541.4
50°	17460.8	18961.1	20652.1	21842.5	21947.1	19599.3	17916.4	18872.8	17522.4	16929.3
52.5°	18216.1	20243.7	22495.1	23878.3	23675.2	20812.2	18355.6	19123.2	17945.2	17423.9
55°	18872.8	21029.8	23525.3	24853.2	24555.6	21551.0	18829.7	19394.1	18548.6	18109.4
57.5°	19240.2	21095.4	23268.8	24428.4	24106.1	21407.4	19047.3	19595.2	18934.4	18589.6
58°	19293.5	21007.2	23041.0	24182.1	23853.7	21286.3	19045.2	19587.0	18959.0	18612.2
60°	19246.3	20434.6	22193.4	23209.3	22864.5	20527.0	18967.2	19433.1	18647.1	18353.6
62.5°	18809.2	19441.3	20730.1	21469.0	21370.4	19340.7	18647.1	18852.3	17696.9	17413.6
65°	18234.6	18086.8	18856.4	19379.7	19453.6	18452.1	18329.0	17596.3	16477.8	16077.6
67.5°	17536.8	16551.7	16549.6	16847.2	16970.3	17085.3	17666.1	16231.5	14721.0	14298.3
70°	16352.6	14185.4	13532.8	13883.7	13781.1	14751.8	16481.9	14314.7	12603.1	12108.5
72.5°	14181.3	11256.8	10212.2	10663.7	10405.1	11568.7	14421.4	11780.1	10421.5	9814.0
75°	11494.8	8420.5	7343.1	7757.6	7597.6	8775.6	11999.7	8556.0	7474.4	7242.5
77.5°	8925.4	6101.4	5475.5	5418.0	5537.1	6530.4	8802.3	5777.2	4927.5	4769.5
80°	5734.1	4367.3	4404.2	4330.3	4391.9	4116.9	5344.2	3685.9	3337.0	3209.8
82.5°	3774.2	3043.5	3628.4	3349.3	3181.0	2768.5	3505.3	2413.5	2048.2	1978.4
85°	2571.5	2241.1	2040.0	1559.7	1836.8	2132.3	2629.0	1299.1	1030.2	933.8
87.5°	1161.6	779.9	572.6	353.0	558.2	644.4	1276.5	151.9	117.0	121.1
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)