

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: P456034

Luminaire Tested: **GALN-SA7B-730-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P456034
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-SA7B-730-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 3000K, 800mA 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: 31113 lumens
Efficiency: N/A
Efficacy: 108.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B3 - U0 - G4

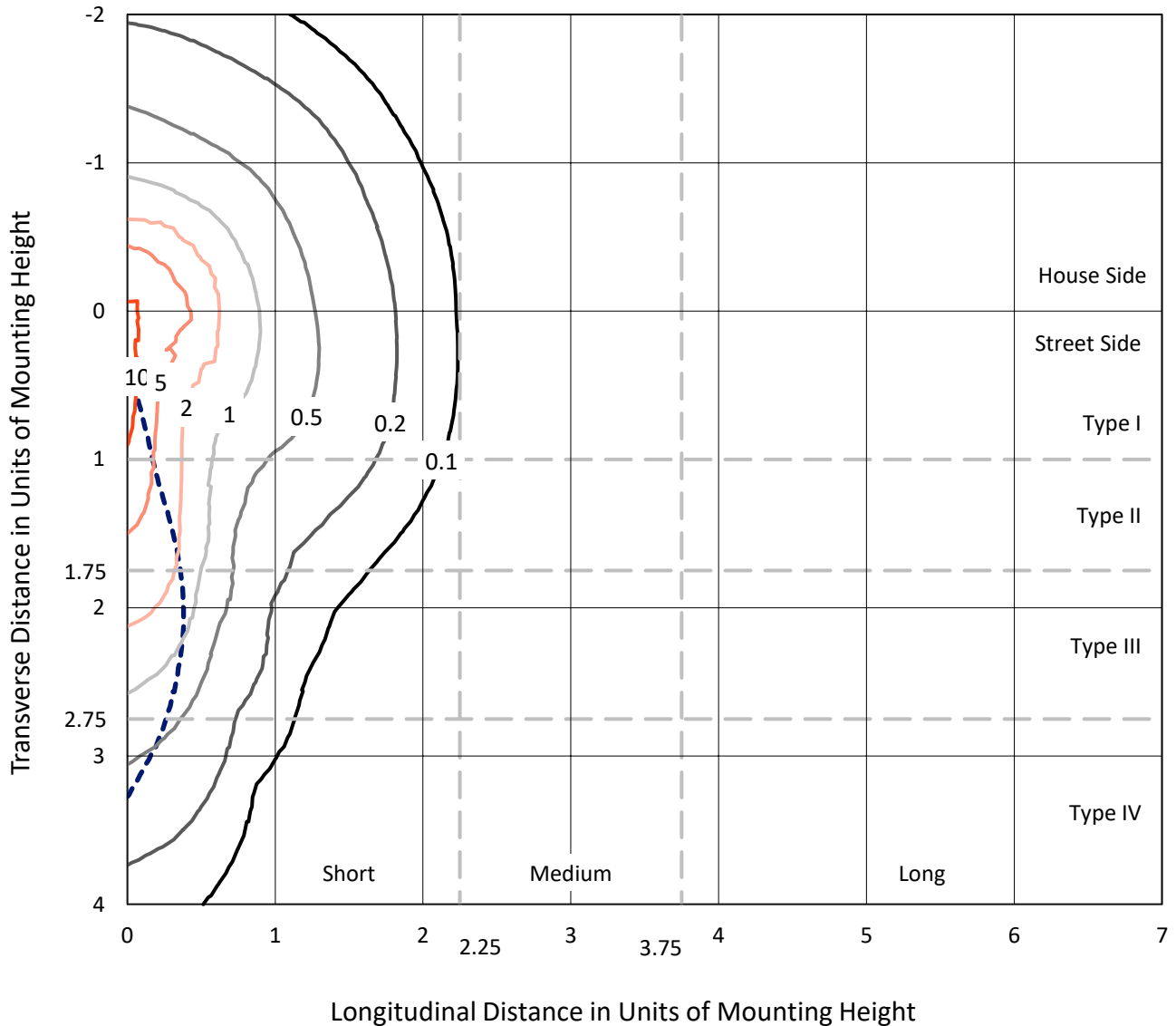
Input Watts (W): 286
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

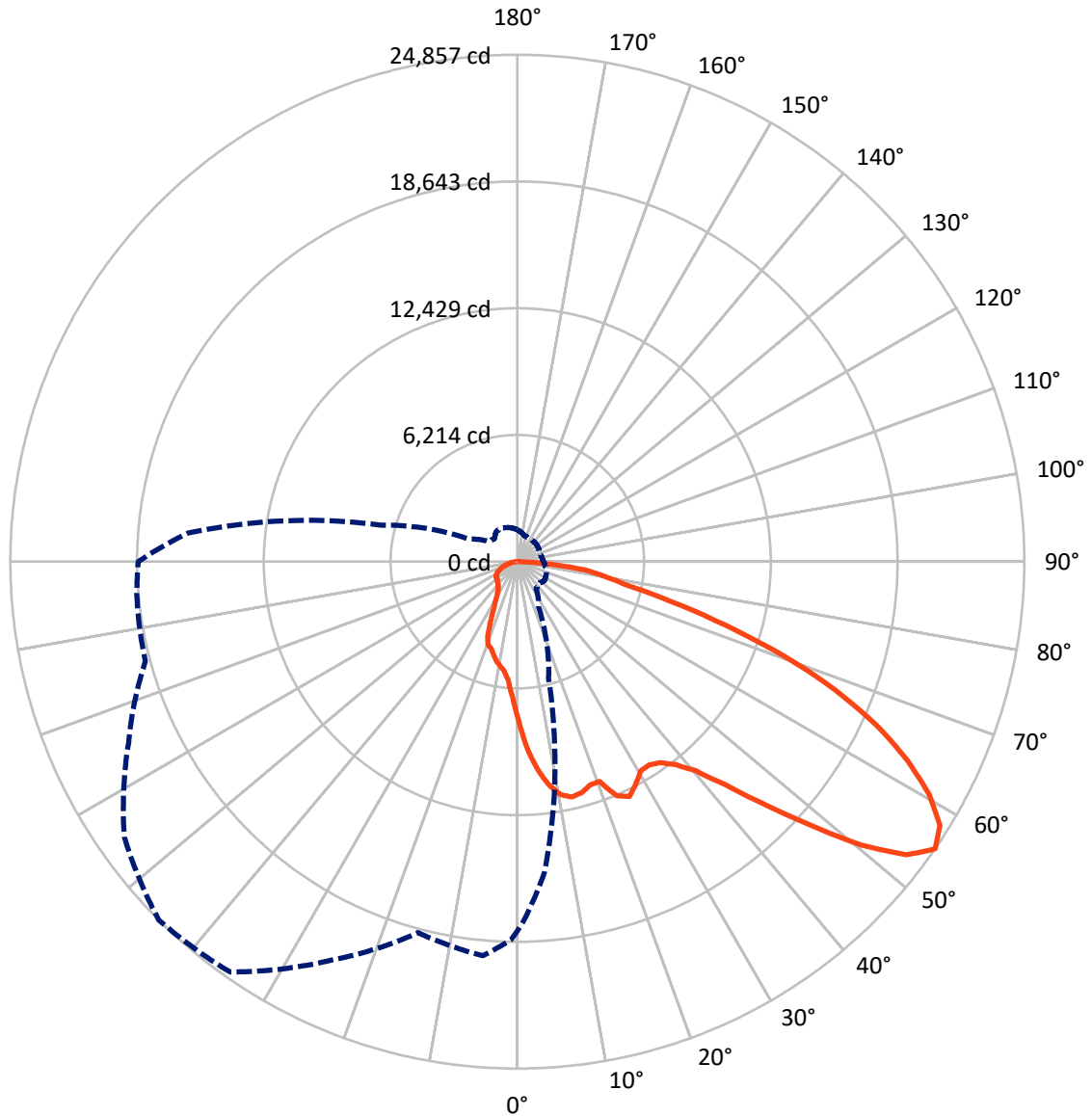
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 13.4 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	6805.8	0.0	6805.8
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	24307.2	0.0	24307.2
	% Fixture	78.1	0.0	78.1
Total	Lumens	31113.0	0.0	31113.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	661.8	2.1
10°-20°	1755.7	5.6
20°-30°	3033.0	9.7
30°-40°	3524.8	11.3
40°-50°	4917.9	15.8
50°-60°	6673.0	21.4
60°-70°	6348.6	20.4
70°-80°	3429.7	11.0
80°-90°	768.6	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°	31113.0	100.0
0°-180°	31113.0	100.0



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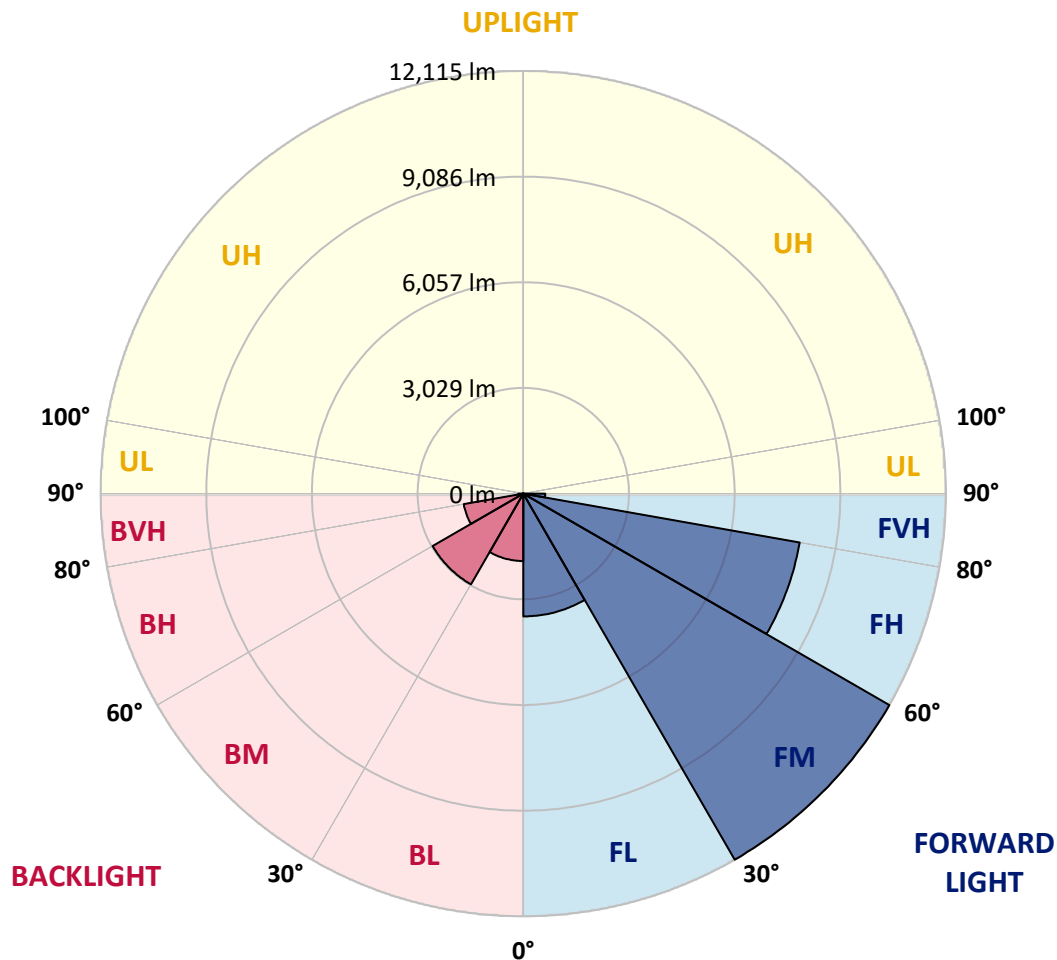
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3518.9	11.3			
FM	(30°-60°)	12114.7	38.9			
FH	(60°-80°)	8045.3	25.9			G4/12000
FVH	(80°-90°)	628.2	2.0			G4/750
BL	(0°-30°)	1931.5	6.2	B3/2500		
BM	(30°-60°)	3000.9	9.6	B3/5000		
BH	(60°-80°)	1732.9	5.6	B3/2500		G3/2500
BVH	(80°-90°)	140.5	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-G4

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1
2.5°	8674.4	8641.5	8549.1	8306.9	8062.7	7814.3	7623.4	7385.3	7136.9	7003.5	6833.2
5°	8793.4	8756.5	8538.9	7992.9	7498.2	6978.9	6564.3	6201.0	6053.2	5835.6	5661.1
7.5°	8514.2	8497.8	8171.5	7387.4	6710.0	6030.6	5560.5	5269.1	5004.3	4905.7	4926.3
10°	8259.7	8194.0	7785.6	6761.3	5971.1	5418.9	5082.3	4797.0	4610.2	4560.9	4571.2
12.5°	8048.3	7960.0	7477.7	6340.5	5648.8	5207.5	4778.5	4480.9	4310.5	4357.7	4517.8
15°	8005.2	7886.1	7348.4	6196.8	5472.3	4903.7	4433.6	4090.9	3963.6	4066.2	4322.8
17.5°	8284.4	8134.5	7570.0	6244.1	5304.0	4593.8	4017.0	3624.9	3518.2	3682.4	4017.0
20°	9181.3	8959.7	8261.8	6517.1	5287.5	4439.8	3774.8	3380.7	3425.8	3737.8	4086.8
22.5°	10839.9	10507.3	9472.8	6915.3	5373.7	4400.8	3725.5	3520.2	3768.6	4033.4	4263.3
25°	11168.3	10907.6	9690.4	7005.6	5355.3	4374.1	3865.1	3967.7	4244.8	4376.2	4296.1
27.5°	11353.0	11055.4	9676.0	6558.1	4788.8	3967.7	3694.7	3865.1	3934.9	3807.6	3590.0
30°	11784.1	11474.1	9920.3	6088.1	3943.1	2943.4	2580.1	2510.3	2557.6	2582.2	2504.2
32.5°	12377.3	12071.4	10380.1	5780.2	3409.4	2434.4	2077.2	1978.7	1956.1	1929.5	1898.7
35°	13144.9	12674.9	10831.6	5583.1	3189.8	2251.7	1923.3	1847.4	1816.6	1779.6	1746.8
37.5°	13924.9	13432.3	11402.3	5375.8	3044.0	2124.5	1820.7	1785.8	1732.4	1693.4	1646.2
40°	14754.2	14202.0	11921.6	5195.2	2902.4	2042.4	1746.8	1742.7	1672.9	1627.7	1572.3
42.5°	15472.6	14904.0	12385.5	5084.3	2793.6	1956.1	1701.6	1713.9	1642.1	1574.4	1502.5
45°	16043.2	15484.9	12814.5	5084.3	2705.3	1869.9	1693.4	1685.2	1613.4	1529.2	1447.1
47.5°	16544.1	15967.3	13233.2	5213.6	2649.9	1798.1	1648.2	1662.6	1588.7	1482.0	1401.9
50°	16932.0	16423.0	13797.7	5414.8	2594.5	1740.6	1590.8	1668.8	1568.2	1457.4	1365.0
52.5°	17426.7	16971.0	14477.1	5689.8	2547.3	1677.0	1539.5	1668.8	1566.1	1459.4	1358.8
55°	18112.3	17632.0	15296.1	5917.7	2471.3	1617.5	1494.3	1621.6	1560.0	1449.1	1342.4
57.5°	18592.6	18233.4	15874.9	6069.6	2362.6	1541.5	1453.3	1576.4	1533.3	1410.1	1293.1
58°	18615.2	18264.2	15959.1	6104.5	2335.9	1527.1	1443.0	1555.9	1521.0	1393.7	1276.7
60°	18356.5	18054.8	15975.5	6055.2	2184.0	1455.3	1389.6	1471.7	1455.3	1297.3	1188.5
62.5°	17416.4	17094.2	15312.5	5655.0	1982.8	1367.0	1307.5	1358.8	1321.9	1161.8	1061.2
65°	16080.2	15487.0	13949.6	5026.9	1839.1	1272.6	1196.7	1200.8	1161.8	1046.8	958.6
67.5°	14300.6	13637.6	11810.7	4236.6	1730.4	1167.9	1065.3	1055.0	1007.8	933.9	862.1
70°	12110.4	11656.8	9598.0	3446.3	1609.3	1053.0	917.5	911.4	882.6	827.2	763.6
72.5°	9815.6	9238.8	7750.7	2758.7	1461.5	942.2	780.0	792.3	755.4	716.4	658.9
75°	7243.7	6866.0	5991.6	2212.7	1262.4	821.0	650.7	654.8	638.4	597.3	552.2
77.5°	4770.3	4657.4	4285.9	1453.3	970.9	652.7	531.6	535.7	523.4	486.5	439.3
80°	3210.3	3134.3	2904.5	936.0	648.6	472.1	410.5	414.6	412.6	373.6	309.9
82.5°	1978.7	1945.9	1872.0	632.2	449.5	338.7	270.9	283.3	305.8	262.7	211.4
85°	933.9	936.0	1131.0	344.8	264.8	217.6	147.8	158.1	158.1	158.1	119.1
87.5°	121.1	127.3	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°	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1
2.5°	6773.6	6732.6	6644.3	6623.8	6611.5	6646.4	6554.0	6578.6	6537.6	6652.5	6634.1
5°	5671.4	5675.5	5747.3	5794.5	5811.0	5794.5	5733.0	5626.2	5544.1	5511.3	5519.5
7.5°	4887.3	4959.1	5082.3	5219.8	5345.0	5382.0	5347.1	5143.9	4922.2	4782.6	4737.4
10°	4626.6	4723.1	4864.7	4973.5	5084.3	5172.6	5191.1	5033.0	4770.3	4439.8	4310.5
12.5°	4641.0	4772.3	4907.8	4942.7	4932.4	4967.3	4950.9	4924.2	4751.8	4331.0	4115.5
15°	4505.5	4661.5	4755.9	4737.4	4704.6	4673.8	4630.7	4563.0	4501.4	4205.8	3967.7
17.5°	4193.5	4353.6	4431.6	4437.8	4437.8	4429.5	4324.9	4300.2	4292.0	4148.3	4002.6
20°	4251.0	4339.2	4304.3	4246.9	4263.3	4318.7	4257.1	4244.8	4292.0	4355.6	4329.0
22.5°	4283.8	4253.0	3990.3	3735.8	3678.3	3850.7	3885.6	4023.1	4214.0	4443.9	4593.8
25°	4080.6	3832.2	3362.2	3074.8	2912.7	3072.8	3282.1	3536.7	3822.0	4117.5	4292.0
27.5°	3411.4	3222.6	2886.0	2627.3	2485.7	2510.3	2688.9	2920.9	3185.7	3384.8	3512.0
30°	2569.9	2485.7	2311.2	2223.0	2136.8	2116.2	2192.2	2280.5	2397.5	2422.1	2454.9
32.5°	1892.5	1880.2	1890.5	1861.7	1845.3	1843.2	1820.7	1841.2	1853.5	1867.9	1839.1
35°	1711.9	1695.5	1666.7	1658.5	1648.2	1652.4	1642.1	1631.8	1640.0	1652.4	1660.6
37.5°	1619.5	1594.9	1553.8	1539.5	1539.5	1545.6	1529.2	1525.1	1539.5	1578.5	1599.0
40°	1547.7	1518.9	1471.7	1453.3	1465.6	1482.0	1459.4	1451.2	1486.1	1527.1	1560.0
42.5°	1479.9	1457.4	1412.2	1391.7	1401.9	1432.7	1399.9	1393.7	1438.9	1484.0	1523.0
45°	1422.5	1399.9	1358.8	1348.6	1352.7	1381.4	1358.8	1358.8	1401.9	1451.2	1486.1
47.5°	1377.3	1348.6	1321.9	1313.7	1317.8	1334.2	1330.1	1330.1	1371.1	1422.5	1457.4
50°	1332.1	1307.5	1272.6	1276.7	1287.0	1309.6	1307.5	1313.7	1354.7	1418.4	1455.3
52.5°	1311.6	1274.7	1235.7	1239.8	1270.6	1297.3	1289.0	1295.2	1342.4	1461.5	1514.8
55°	1289.0	1239.8	1194.6	1200.8	1235.7	1274.7	1264.4	1272.6	1328.0	1490.2	1564.1
57.5°	1245.9	1188.5	1139.2	1143.3	1194.6	1235.7	1219.3	1229.5	1295.2	1459.4	1537.4
58°	1227.5	1178.2	1131.0	1133.0	1182.3	1227.5	1209.0	1217.2	1284.9	1451.2	1525.1
60°	1149.5	1120.7	1079.7	1081.7	1128.9	1167.9	1157.7	1165.9	1231.6	1391.7	1447.1
62.5°	1042.7	1026.3	1016.0	1016.0	1044.8	1081.7	1092.0	1102.3	1161.8	1258.3	1307.5
65°	927.8	927.8	929.8	929.8	948.3	995.5	1001.7	1028.4	1083.8	1131.0	1167.9
67.5°	849.8	845.7	849.8	839.5	847.7	876.5	907.3	931.9	989.4	1022.2	1034.5
70°	749.2	747.2	749.2	734.8	745.1	769.7	790.3	831.3	890.8	915.5	921.6
72.5°	650.7	650.7	654.8	644.5	644.5	671.2	685.6	730.7	786.2	800.5	802.6
75°	548.0	554.2	554.2	539.8	543.9	560.4	578.8	615.8	667.1	677.4	677.4
77.5°	435.2	457.7	457.7	443.4	449.5	451.6	476.2	494.7	533.7	537.8	521.4
80°	316.1	338.7	357.2	344.8	355.1	342.8	357.2	369.5	408.5	390.0	363.3
82.5°	225.8	242.2	256.6	258.6	248.4	225.8	244.3	246.3	264.8	240.2	225.8
85°	125.2	139.6	158.1	149.8	133.4	119.1	125.2	129.3	127.3	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°	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1
2.5°	6648.4	6738.7	6933.7	7081.5	7262.2	7481.8	7740.4	8001.1	8282.3	8370.6	8493.7
5°	5501.0	5726.8	5821.2	6090.1	6356.9	6757.2	7184.2	7678.8	8220.7	8481.4	8731.8
7.5°	4700.5	4821.6	4920.1	5117.2	5437.4	5923.8	6459.6	7077.4	7845.1	8224.8	8592.2
10°	4269.4	4281.8	4402.9	4647.1	4926.3	5355.3	5862.3	6554.0	7409.9	7871.8	8302.8
12.5°	3984.1	3930.8	4062.1	4316.6	4632.8	5028.9	5494.9	6153.7	7095.9	7570.0	8091.4
15°	3733.7	3649.5	3748.1	4008.8	4320.8	4786.7	5287.5	5985.4	6972.7	7524.9	8103.7
17.5°	3739.9	3507.9	3542.8	3762.4	4072.4	4546.5	5154.1	5979.3	7159.5	7795.8	8481.4
20°	4201.7	3830.2	3672.1	3713.2	4012.9	4530.1	5215.7	6266.6	7773.3	8701.0	9433.8
22.5°	4655.3	4431.6	4177.1	4092.9	4257.1	4799.0	5607.7	6946.0	9107.5	10505.3	11829.2
25°	4497.3	4688.2	4624.5	4505.5	4542.4	4992.0	5874.6	7504.4	10144.0	11718.4	12962.3
27.5°	3598.2	3945.1	4014.9	4012.9	4027.2	4396.7	5283.4	7128.7	10273.3	11950.3	13138.8
30°	2528.8	2559.6	2596.6	2668.4	2734.1	3064.6	4134.0	6258.4	10215.9	12055.0	13245.5
32.5°	1824.8	1865.8	1917.1	2015.7	2171.7	2592.5	3616.7	5981.3	10519.7	12488.1	13557.5
35°	1668.8	1716.0	1765.2	1878.1	2025.9	2415.9	3411.4	5866.4	11018.4	13190.1	14117.9
37.5°	1619.5	1672.9	1716.0	1798.1	1917.1	2288.7	3224.7	5788.4	11529.5	13933.2	14869.1
40°	1584.6	1646.2	1681.1	1746.8	1828.9	2171.7	3058.4	5726.8	12024.2	14612.6	15472.6
42.5°	1553.8	1617.5	1662.6	1709.8	1777.6	2067.0	2910.6	5665.2	12453.2	15271.5	16074.0
45°	1516.9	1596.9	1654.4	1691.4	1750.9	1978.7	2797.7	5616.0	12941.7	15856.5	16681.6
47.5°	1486.1	1574.4	1646.2	1689.3	1711.9	1917.1	2707.4	5683.7	13528.8	16468.1	17246.1
50°	1488.1	1572.3	1662.6	1730.4	1670.8	1865.8	2652.0	5952.6	14292.4	17194.8	17691.5
52.5°	1553.8	1656.5	1728.3	1744.7	1613.4	1804.2	2623.2	6422.6	15195.5	17837.2	18141.0
55°	1627.7	1734.5	1812.5	1802.2	1582.6	1726.2	2617.1	6923.5	16184.9	18586.4	18726.0
57.5°	1601.0	1757.0	1876.1	1822.7	1584.6	1650.3	2590.4	7327.8	17012.1	19146.8	19304.8
58°	1592.8	1748.8	1884.3	1818.6	1578.5	1627.7	2584.2	7362.7	17127.0	19185.8	19386.9
60°	1512.8	1677.0	1878.1	1787.8	1543.6	1566.1	2516.5	7475.6	17096.2	18984.6	19436.2
62.5°	1367.0	1502.5	1736.5	1638.0	1436.8	1484.0	2364.6	7336.0	16262.9	18015.8	18715.7
65°	1202.8	1303.4	1459.4	1440.9	1284.9	1399.9	2157.3	6783.9	14594.1	16443.5	17180.4
67.5°	1079.7	1161.8	1260.3	1233.6	1155.6	1287.0	1933.6	5850.0	12722.1	14555.1	15482.9
70°	954.5	1018.1	1067.4	1048.9	1024.3	1176.1	1734.5	4747.7	10928.1	12761.1	13660.2
72.5°	827.2	886.7	927.8	901.1	886.7	1059.1	1572.3	3684.4	8631.2	10527.9	11683.5
75°	691.7	751.3	780.0	749.2	741.0	933.9	1332.1	2752.6	6476.0	8116.0	9113.6
77.5°	535.7	599.4	636.3	626.0	630.2	767.7	1075.6	1884.3	4630.7	5531.8	6582.7
80°	375.6	445.4	470.0	459.8	488.5	585.0	759.5	1196.7	3193.9	3590.0	4331.0
82.5°	231.9	297.6	301.7	312.0	332.5	433.1	572.7	728.7	2005.4	2073.1	2610.9
85°	117.0	141.6	151.9	168.3	186.8	264.8	326.4	451.6	1291.1	977.0	1459.4
87.5°	39.0	41.1	49.3	61.6	75.9	108.8	139.6	184.7	320.2	176.5	451.6
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1	7808.1
2.5°	8742.1	8916.6	9043.8	9160.8	9047.9	9037.7	8926.8	8748.2	8674.4	8674.4
5°	9257.3	9665.8	9996.2	10207.7	10117.3	9899.8	9540.6	9082.8	8836.5	8793.4
7.5°	9398.9	10205.6	10819.3	11036.9	10885.0	10404.7	9717.1	8945.3	8592.2	8514.2
10°	9312.7	10361.6	11262.7	11607.5	11396.1	10669.5	9731.4	8785.2	8350.0	8259.7
12.5°	9222.4	10382.1	11344.8	11843.6	11706.1	10883.0	9836.1	8680.5	8177.6	8048.3
15°	9288.1	10390.3	11244.2	11759.4	11847.7	11139.5	10008.6	8756.5	8142.7	8005.2
17.5°	9702.7	10546.3	11100.5	11517.2	11827.2	11488.5	10499.1	9119.8	8454.7	8284.4
20°	10568.9	10919.9	11182.6	11504.9	12003.7	12200.7	11502.9	10117.3	9331.2	9181.3
22.5°	13077.2	13013.6	12475.8	12469.6	13192.2	13982.4	13935.2	12145.3	10963.0	10839.9
25°	14017.3	13721.7	12943.8	12754.9	13073.1	14292.4	14115.8	12560.0	11468.0	11168.3
27.5°	13649.9	12917.1	12406.0	12362.9	12258.2	13409.7	13834.6	12728.3	11644.5	11353.0
30°	13627.3	12549.7	11819.0	11905.2	12005.7	13105.9	13990.6	13255.8	12096.1	11784.1
32.5°	13682.7	12601.0	11862.1	11878.5	12178.2	13151.1	14163.0	13830.5	12689.3	12377.3
35°	13906.5	12892.5	12137.1	12098.1	12566.1	13446.7	14456.6	14733.7	13500.0	13144.9
37.5°	14267.7	13473.4	12640.0	12629.7	13309.2	13980.4	14821.9	15645.0	14306.7	13924.9
40°	14799.4	14152.8	13534.9	13479.5	14319.0	14848.6	15296.1	16615.9	15244.8	14754.2
42.5°	15441.8	14967.7	14715.2	14934.8	15741.5	15823.6	16035.0	17512.9	16043.2	15472.6
45°	16037.1	16014.5	16365.5	16948.4	17418.5	16925.9	16806.8	18114.3	16663.1	16043.2
47.5°	16745.2	17356.9	18416.1	19270.0	19762.6	18208.7	17465.7	18506.4	17114.7	16544.1
50°	17463.6	18964.1	20655.5	21846.0	21950.7	19602.5	17919.3	18875.8	17525.2	16932.0
52.5°	18219.0	20247.0	22498.7	23882.2	23679.0	20815.6	18358.6	19126.3	17948.1	17426.7
55°	18875.8	21033.1	23529.1	24857.2	24559.5	21554.5	18832.7	19397.2	18551.5	18112.3
57.5°	19243.3	21098.8	23272.5	24432.3	24110.0	21410.8	19050.3	19598.4	18937.4	18592.6
58°	19296.6	21010.6	23044.7	24186.0	23857.5	21289.7	19048.3	19590.2	18962.1	18615.2
60°	19249.4	20437.9	22197.0	23213.0	22868.2	20530.3	18970.3	19436.2	18650.1	18356.5
62.5°	18812.2	19444.4	20733.5	21472.4	21373.9	19343.8	18650.1	18855.3	17699.7	17416.4
65°	18237.5	18089.7	18859.4	19382.8	19456.7	18455.1	18331.9	17599.1	16480.4	16080.2
67.5°	17539.6	16554.3	16552.3	16849.9	16973.1	17088.0	17668.9	16234.1	14723.4	14300.6
70°	16355.2	14187.7	13534.9	13885.9	13783.3	14754.2	16484.6	14317.0	12605.1	12110.4
72.5°	14183.6	11258.6	10213.8	10665.4	10406.8	11570.6	14423.7	11782.0	10423.2	9815.6
75°	11496.7	8421.9	7344.3	7758.9	7598.8	8777.0	12001.6	8557.4	7475.6	7243.7
77.5°	8926.8	6102.4	5476.4	5418.9	5538.0	6531.4	8803.7	5778.1	4928.3	4770.3
80°	5735.0	4368.0	4404.9	4331.0	4392.6	4117.5	5345.0	3686.5	3337.6	3210.3
82.5°	3774.8	3044.0	3629.0	3349.9	3181.6	2769.0	3505.9	2413.9	2048.5	1978.7
85°	2571.9	2241.5	2040.3	1560.0	1837.1	2132.7	2629.4	1299.3	1030.4	933.9
87.5°	1161.8	780.0	572.7	353.0	558.3	644.5	1276.7	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)