

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: P456933

Luminaire Tested: **GALN-SA8B-727-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P456933
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-SA8B-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 2700K, 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: 33123 lumens
Efficiency: N/A
Efficacy: 101.9 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

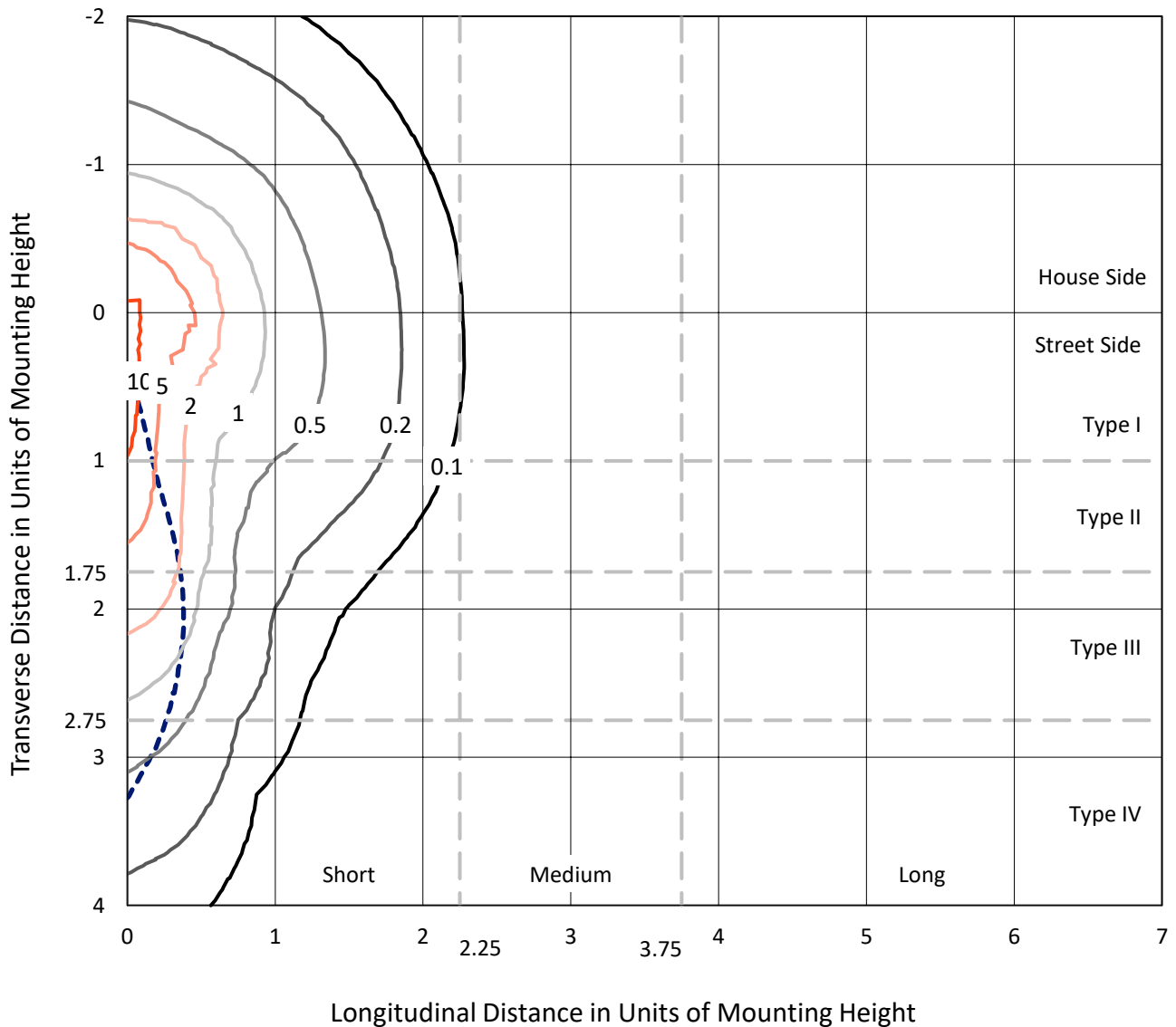
Input Watts (W): 325
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

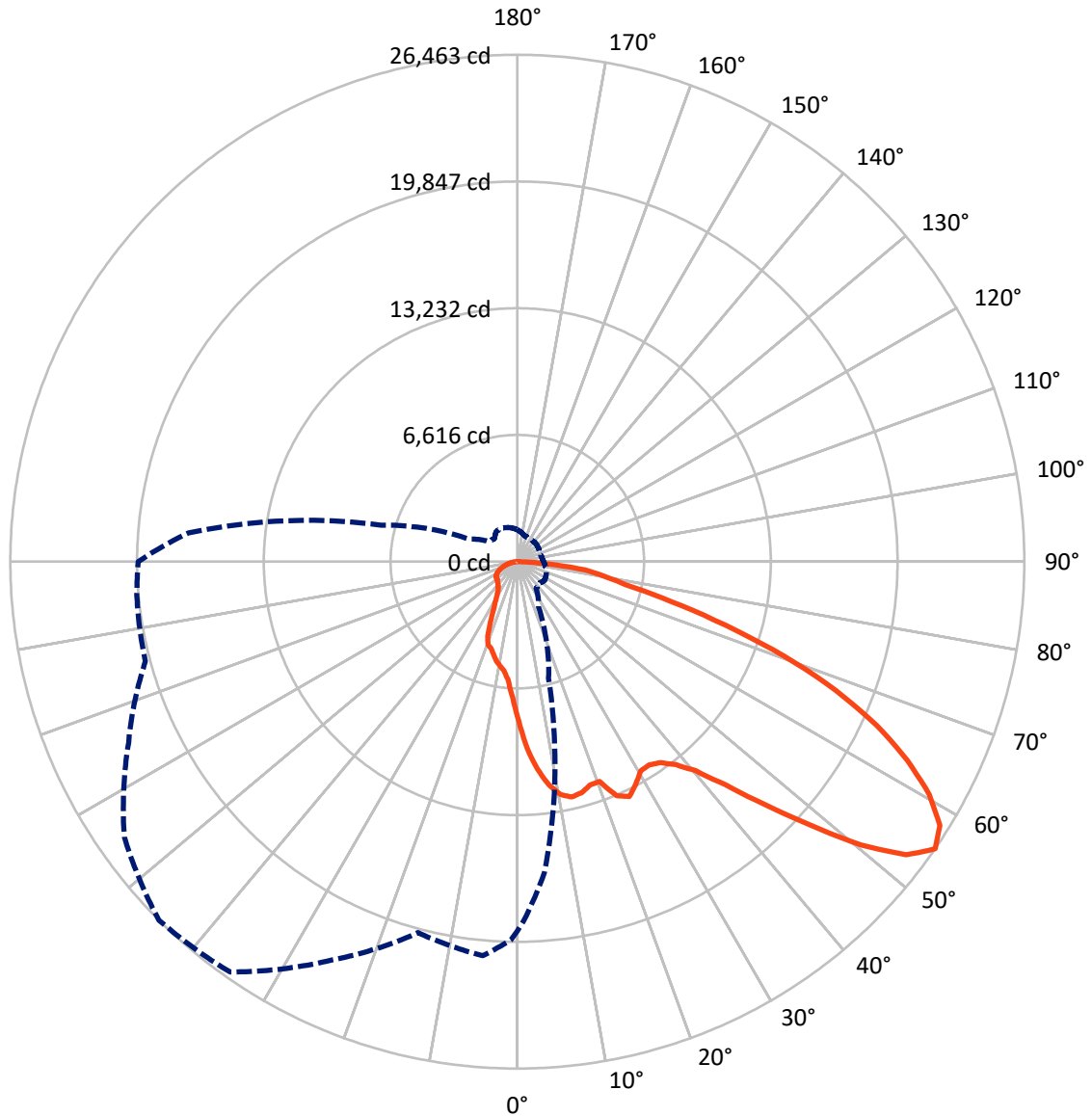
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 14.2 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	7245.5	0.0	7245.5
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	25877.5	0.0	25877.5
	% Fixture	78.1	0.0	78.1
Total	Lumens	33123.0	0.0	33123.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	704.5	2.1
10°-20°	1869.1	5.6
20°-30°	3229.0	9.7
30°-40°	3752.6	11.3
40°-50°	5235.6	15.8
50°-60°	7104.1	21.4
60°-70°	6758.7	20.4
70°-80°	3651.2	11.0
80°-90°	818.3	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°	33123.0	100.0
0°-180°	33123.0	100.0

Coefficient of Utilization



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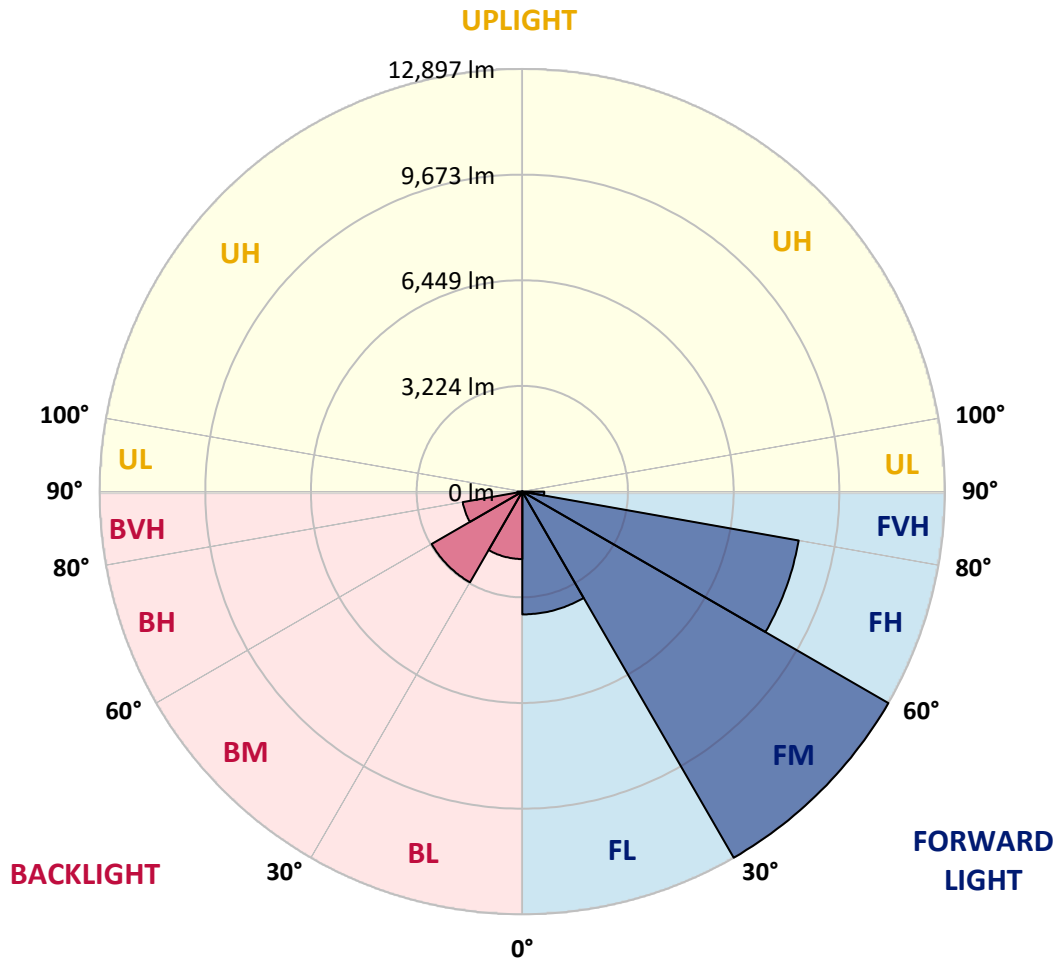
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	3746.3	11.3			
FM	(30°-60°)	12897.4	38.9			
FH	(60°-80°)	8565.0	25.9			G4/12000
FVH	(80°-90°)	668.8	2.0			G4/750
BL	(0°-30°)	2056.3	6.2	B3/2500		
BM	(30°-60°)	3194.8	9.6	B3/5000		
BH	(60°-80°)	1844.9	5.6	B3/2500		G3/2500
BVH	(80°-90°)	149.5	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°	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6
2.5°	9234.7	9199.8	9101.4	8843.6	8583.5	8319.1	8115.9	7862.4	7598.0	7456.0	7274.6
5°	9361.5	9322.2	9090.5	8509.2	7982.6	7429.8	6988.3	6601.6	6444.2	6212.6	6026.8
7.5°	9064.3	9046.8	8699.4	7864.6	7143.5	6420.2	5919.8	5609.5	5327.6	5222.7	5244.5
10°	8793.3	8723.4	8288.5	7198.1	6356.8	5769.0	5410.6	5106.9	4908.0	4855.6	4866.5
12.5°	8568.2	8474.3	7960.8	6750.1	6013.7	5543.9	5087.2	4770.3	4589.0	4639.2	4809.7
15°	8522.4	8395.6	7823.1	6597.2	5825.8	5220.5	4720.1	4355.1	4219.7	4328.9	4602.1
17.5°	8819.6	8660.0	8059.1	6647.4	5646.6	4890.5	4276.5	3859.1	3745.5	3920.3	4276.5
20°	9774.5	9538.5	8795.5	6938.1	5629.1	4726.6	4018.6	3599.1	3647.1	3979.3	4350.8
22.5°	11540.1	11186.1	10084.8	7362.0	5720.9	4685.1	3966.2	3747.7	4012.1	4294.0	4538.7
25°	11889.8	11612.3	10316.4	7458.2	5701.2	4656.7	4114.8	4224.0	4519.0	4658.9	4573.7
27.5°	12086.5	11769.6	10301.1	6981.8	5098.1	4224.0	3933.4	4114.8	4189.1	4053.6	3822.0
30°	12545.4	12215.4	10561.2	6481.4	4197.8	3133.6	2746.8	2672.5	2722.8	2749.0	2666.0
32.5°	13176.9	12851.3	11050.7	6153.6	3629.7	2591.7	2211.4	2106.6	2082.5	2054.1	2021.3
35°	13994.2	13493.7	11531.4	5943.8	3395.8	2397.2	2047.6	1966.7	1933.9	1894.6	1859.6
37.5°	14824.5	14300.1	12138.9	5723.1	3240.7	2261.7	1938.3	1901.1	1844.3	1802.8	1752.5
40°	15707.4	15119.5	12691.8	5530.8	3089.9	2174.3	1859.6	1855.3	1781.0	1732.9	1673.9
42.5°	16472.2	15866.9	13185.6	5412.8	2974.1	2082.5	1811.5	1824.7	1748.2	1676.1	1599.6
45°	17079.7	16485.3	13642.3	5412.8	2880.1	1990.7	1802.8	1794.1	1717.6	1628.0	1540.6
47.5°	17612.9	16998.8	14088.1	5550.5	2821.1	1914.3	1754.7	1770.0	1691.4	1577.7	1492.5
50°	18025.9	17483.9	14689.1	5764.6	2762.1	1853.1	1693.5	1776.6	1669.5	1551.5	1453.2
52.5°	18552.5	18067.4	15412.4	6057.4	2711.9	1785.3	1638.9	1776.6	1667.3	1553.7	1446.6
55°	19282.4	18771.0	16284.3	6300.0	2631.0	1722.0	1590.8	1726.3	1660.8	1542.8	1429.1
57.5°	19793.7	19411.3	16900.5	6461.7	2515.2	1641.1	1547.1	1678.2	1632.4	1501.2	1376.7
58°	19817.8	19444.1	16990.1	6498.8	2486.8	1625.8	1536.2	1656.4	1619.2	1483.8	1359.2
60°	19542.4	19221.2	17007.6	6446.4	2325.1	1549.3	1479.4	1566.8	1549.3	1381.1	1265.2
62.5°	18541.6	18198.5	16301.7	6020.3	2110.9	1455.4	1392.0	1446.6	1407.3	1236.8	1129.8
65°	17119.0	16487.5	14850.8	5351.6	1958.0	1354.8	1274.0	1278.4	1236.8	1114.5	1020.5
67.5°	15224.4	14518.6	12573.8	4510.3	1842.1	1243.4	1134.1	1123.2	1072.9	994.3	917.8
70°	12892.8	12409.9	10218.1	3669.0	1713.2	1121.0	976.8	970.2	939.6	880.6	812.9
72.5°	10449.7	9835.7	8251.4	2936.9	1555.9	1003.0	830.4	843.5	804.2	762.6	701.5
75°	7711.6	7309.6	6378.7	2355.7	1343.9	874.1	692.7	697.1	679.6	635.9	587.8
77.5°	5078.5	4958.3	4562.7	1547.1	1033.6	694.9	566.0	570.3	557.2	517.9	467.6
80°	3417.7	3336.8	3092.1	996.5	690.5	502.6	437.0	441.4	439.2	397.7	330.0
82.5°	2106.6	2071.6	1992.9	673.0	478.6	360.6	288.4	301.6	325.6	279.7	225.1
85°	994.3	996.5	1204.1	367.1	281.9	231.6	157.3	168.3	168.3	168.3	126.7
87.5°	128.9	135.5	166.1	155.2	102.7	87.4	56.8	48.1	41.5	54.6	39.3
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°	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6
2.5°	7211.2	7167.5	7073.6	7051.7	7038.6	7075.7	6977.4	7003.6	6959.9	7082.3	7062.6
5°	6037.8	6042.1	6118.6	6168.9	6186.4	6168.9	6103.3	5989.7	5902.3	5867.3	5876.1
7.5°	5203.0	5279.5	5410.6	5557.0	5690.3	5729.6	5692.5	5476.2	5240.2	5091.6	5043.5
10°	4925.5	5028.2	5179.0	5294.8	5412.8	5506.8	5526.4	5358.2	5078.5	4726.6	4589.0
12.5°	4940.8	5080.6	5224.9	5262.0	5251.1	5288.2	5270.8	5242.3	5058.8	4610.8	4381.4
15°	4796.6	4962.6	5063.2	5043.5	5008.5	4975.7	4929.9	4857.7	4792.2	4477.5	4224.0
17.5°	4464.4	4634.9	4717.9	4724.4	4724.4	4715.7	4604.3	4578.0	4569.3	4416.3	4261.2
20°	4525.6	4619.6	4582.4	4521.2	4538.7	4597.7	4532.1	4519.0	4569.3	4637.0	4608.6
22.5°	4560.6	4527.8	4248.1	3977.1	3915.9	4099.5	4136.6	4283.0	4486.3	4731.0	4890.5
25°	4344.2	4079.8	3579.4	3273.5	3100.8	3271.3	3494.2	3765.1	4068.9	4383.6	4569.3
27.5°	3631.8	3430.8	3072.4	2797.1	2646.3	2672.5	2862.6	3109.6	3391.5	3603.4	3738.9
30°	2735.9	2646.3	2460.6	2366.6	2274.8	2253.0	2333.8	2427.8	2552.3	2578.6	2613.5
32.5°	2014.8	2001.7	2012.6	1982.0	1964.5	1962.3	1938.3	1960.1	1973.3	1988.6	1958.0
35°	1822.5	1805.0	1774.4	1765.7	1754.7	1759.1	1748.2	1737.3	1746.0	1759.1	1767.8
37.5°	1724.1	1697.9	1654.2	1638.9	1638.9	1645.5	1628.0	1623.6	1638.9	1680.4	1702.3
40°	1647.7	1617.1	1566.8	1547.1	1560.2	1577.7	1553.7	1545.0	1582.1	1625.8	1660.8
42.5°	1575.5	1551.5	1503.4	1481.6	1492.5	1525.3	1490.3	1483.8	1531.8	1579.9	1621.4
45°	1514.4	1490.3	1446.6	1435.7	1440.1	1470.7	1446.6	1446.6	1492.5	1545.0	1582.1
47.5°	1466.3	1435.7	1407.3	1398.5	1402.9	1420.4	1416.0	1416.0	1459.7	1514.4	1551.5
50°	1418.2	1392.0	1354.8	1359.2	1370.1	1394.2	1392.0	1398.5	1442.2	1510.0	1549.3
52.5°	1396.4	1357.0	1315.5	1319.9	1352.7	1381.1	1372.3	1378.9	1429.1	1555.9	1612.7
55°	1372.3	1319.9	1271.8	1278.4	1315.5	1357.0	1346.1	1354.8	1413.8	1586.5	1665.1
57.5°	1326.4	1265.2	1212.8	1217.2	1271.8	1315.5	1298.0	1308.9	1378.9	1553.7	1636.7
58°	1306.8	1254.3	1204.1	1206.2	1258.7	1306.8	1287.1	1295.8	1367.9	1545.0	1623.6
60°	1223.7	1193.1	1149.4	1151.6	1201.9	1243.4	1232.5	1241.2	1311.1	1481.6	1540.6
62.5°	1110.1	1092.6	1081.7	1081.7	1112.3	1151.6	1162.5	1173.5	1236.8	1339.5	1392.0
65°	987.7	987.7	989.9	989.9	1009.6	1059.8	1066.4	1094.8	1153.8	1204.1	1243.4
67.5°	904.7	900.3	904.7	893.8	902.5	933.1	965.9	992.1	1053.3	1088.2	1101.4
70°	797.6	795.4	797.6	782.3	793.2	819.5	841.3	885.0	948.4	974.6	981.2
72.5°	692.7	692.7	697.1	686.2	686.2	714.6	729.9	777.9	836.9	852.2	854.4
75°	583.5	590.0	590.0	574.7	579.1	596.6	616.2	655.6	710.2	721.1	721.1
77.5°	463.3	487.3	487.3	472.0	478.6	480.7	507.0	526.6	568.2	572.5	555.0
80°	336.5	360.6	380.2	367.1	378.0	364.9	380.2	393.3	434.9	415.2	386.8
82.5°	240.4	257.9	273.2	275.3	264.4	240.4	260.0	262.2	281.9	255.7	240.4
85°	133.3	148.6	168.3	159.5	142.0	126.7	133.3	137.7	135.5	128.9	120.2
87.5°	35.0	37.1	41.5	30.6	28.4	24.0	32.8	32.8	37.1	39.3	37.1
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°	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6
2.5°	7077.9	7174.1	7381.7	7539.0	7731.3	7965.1	8240.5	8518.0	8817.4	8911.3	9042.4
5°	5856.4	6096.8	6197.3	6483.5	6767.6	7193.7	7648.3	8174.9	8751.8	9029.3	9295.9
7.5°	5004.2	5133.1	5238.0	5447.8	5788.6	6306.5	6876.9	7534.6	8351.9	8756.2	9147.3
10°	4545.3	4558.4	4687.3	4947.3	5244.5	5701.2	6241.0	6977.4	7888.6	8380.3	8839.2
12.5°	4241.5	4184.7	4324.6	4595.5	4932.0	5353.8	5849.8	6551.3	7554.3	8059.1	8614.1
15°	3974.9	3885.3	3990.2	4267.7	4599.9	5095.9	5629.1	6372.1	7423.2	8011.0	8627.3
17.5°	3981.5	3734.5	3771.7	4005.5	4335.5	4840.3	5487.1	6365.5	7622.0	8299.5	9029.3
20°	4473.1	4077.6	3909.4	3953.1	4272.1	4822.8	5552.6	6671.5	8275.4	9263.2	10043.3
22.5°	4956.1	4717.9	4446.9	4357.3	4532.1	5109.0	5970.0	7394.8	9695.8	11184.0	12593.4
25°	4787.8	4991.0	4923.3	4796.6	4835.9	5314.5	6254.1	7989.2	10799.4	12475.4	13799.7
27.5°	3830.7	4200.0	4274.3	4272.1	4287.4	4680.7	5624.8	7589.3	10937.0	12722.4	13987.6
30°	2692.2	2725.0	2764.3	2840.8	2910.7	3262.5	4401.0	6662.7	10875.8	12833.8	14101.2
32.5°	1942.7	1986.4	2041.0	2145.9	2312.0	2759.9	3850.4	6367.7	11199.3	13294.9	14433.4
35°	1776.6	1826.8	1879.3	1999.5	2156.8	2572.0	3631.8	6245.4	11730.3	14042.2	15029.9
37.5°	1724.1	1781.0	1826.8	1914.3	2041.0	2436.5	3433.0	6162.3	12274.4	14833.3	15829.7
40°	1687.0	1752.5	1789.7	1859.6	1947.0	2312.0	3256.0	6096.8	12801.0	15556.6	16472.2
42.5°	1654.2	1722.0	1770.0	1820.3	1892.4	2200.5	3098.6	6031.2	13257.7	16258.0	17112.5
45°	1614.9	1700.1	1761.3	1800.6	1864.0	2106.6	2978.5	5978.8	13777.8	16880.8	17759.3
47.5°	1582.1	1676.1	1752.5	1798.4	1822.5	2041.0	2882.3	6050.9	14402.8	17532.0	18360.2
50°	1584.3	1673.9	1770.0	1842.1	1778.8	1986.4	2823.3	6337.1	15215.7	18305.6	18834.4
52.5°	1654.2	1763.5	1840.0	1857.4	1717.6	1920.8	2792.7	6837.6	16177.2	18989.6	19313.0
55°	1732.9	1846.5	1929.5	1918.6	1684.8	1837.8	2786.2	7370.7	17230.5	19787.2	19935.8
57.5°	1704.5	1870.5	1997.3	1940.5	1687.0	1756.9	2757.7	7801.2	18111.1	20383.7	20552.0
58°	1695.7	1861.8	2006.0	1936.1	1680.4	1732.9	2751.2	7838.4	18233.5	20425.3	20639.4
60°	1610.5	1785.3	1999.5	1903.3	1643.3	1667.3	2679.1	7958.6	18200.7	20211.1	20691.9
62.5°	1455.4	1599.6	1848.7	1743.8	1529.7	1579.9	2517.4	7810.0	17313.5	19179.7	19924.8
65°	1280.5	1387.6	1553.7	1534.0	1367.9	1490.3	2296.7	7222.2	15536.9	17505.8	18290.3
67.5°	1149.4	1236.8	1341.7	1313.3	1230.3	1370.1	2058.5	6227.9	13544.0	15495.4	16483.1
70°	1016.1	1083.9	1136.3	1116.6	1090.4	1252.1	1846.5	5054.4	11634.1	13585.5	14542.6
72.5°	880.6	944.0	987.7	959.3	944.0	1127.6	1673.9	3922.5	9188.9	11208.0	12438.3
75°	736.4	799.8	830.4	797.6	788.9	994.3	1418.2	2930.4	6894.4	8640.4	9702.4
77.5°	570.3	638.1	677.4	666.5	670.9	817.3	1145.1	2006.0	4929.9	5889.2	7008.0
80°	399.9	474.2	500.4	489.5	520.1	622.8	808.5	1274.0	3400.2	3822.0	4610.8
82.5°	246.9	316.9	321.2	332.2	354.0	461.1	609.7	775.8	2135.0	2207.1	2779.6
85°	124.6	150.8	161.7	179.2	198.9	281.9	347.5	480.7	1374.5	1040.2	1553.7
87.5°	41.5	43.7	52.4	65.6	80.9	115.8	148.6	196.7	340.9	187.9	480.7
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):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6	8312.6
2.5°	9306.9	9492.6	9628.1	9752.6	9632.5	9621.5	9503.5	9313.4	9234.7	9234.7
5°	9855.3	10290.2	10642.0	10867.1	10771.0	10539.3	10156.9	9669.6	9407.4	9361.5
7.5°	10006.1	10864.9	11518.3	11749.9	11588.2	11076.9	10344.8	9523.2	9147.3	9064.3
10°	9914.3	11031.0	11990.3	12357.4	12132.3	11358.8	10360.1	9352.7	8889.5	8793.3
12.5°	9818.2	11052.8	12077.7	12608.7	12462.3	11586.0	10471.6	9241.3	8705.9	8568.2
15°	9888.1	11061.6	11970.6	12519.1	12613.1	11859.2	10655.1	9322.2	8668.8	8522.4
17.5°	10329.5	11227.7	11817.7	12261.3	12591.2	12230.7	11177.4	9708.9	9000.9	8819.6
20°	11251.7	11625.4	11905.1	12248.2	12779.2	12989.0	12246.0	10771.0	9934.0	9774.5
22.5°	13922.0	13854.3	13281.8	13275.2	14044.4	14885.7	14835.5	12930.0	11671.3	11540.1
25°	14922.9	14608.2	13780.0	13579.0	13917.7	15215.7	15027.8	13371.4	12208.8	11889.8
27.5°	14531.7	13751.6	13207.5	13161.6	13050.1	14276.0	14728.4	13550.6	12396.8	12086.5
30°	14507.7	13360.4	12582.5	12674.3	12781.4	13952.6	14894.5	14112.2	12877.5	12545.4
32.5°	14566.7	13415.1	12628.4	12645.9	12964.9	14000.7	15078.0	14724.0	13509.0	13176.9
35°	14804.9	13725.4	12921.2	12879.7	13377.9	14315.4	15390.5	15685.5	14372.2	13994.2
37.5°	15189.5	14343.8	13456.6	13445.7	14169.0	14883.5	15779.5	16655.8	15231.0	14824.5
40°	15755.4	15067.1	14409.3	14350.3	15244.1	15807.9	16284.3	17689.4	16229.6	15707.4
42.5°	16439.4	15934.6	15665.8	15899.7	16758.5	16845.9	17070.9	18644.3	17079.7	16472.2
45°	17073.1	17049.1	17422.8	18043.4	18543.8	18019.3	17892.6	19284.6	17739.6	17079.7
47.5°	17827.0	18478.2	19605.8	20514.9	21039.3	19385.1	18594.0	19701.9	18220.4	17612.9
50°	18591.9	20189.3	21989.9	23257.3	23368.7	20868.9	19077.0	20095.3	18657.4	18025.9
52.5°	19396.0	21555.0	23952.2	25425.0	25208.7	22160.3	19544.6	20361.9	19107.6	18552.5
55°	20095.3	22392.0	25049.2	26463.0	26146.2	22947.0	20049.4	20650.3	19750.0	19282.4
57.5°	20486.4	22461.9	24776.0	26010.7	25667.6	22794.0	20281.0	20864.5	20160.8	19793.7
58°	20543.3	22367.9	24533.5	25748.5	25398.8	22665.1	20278.8	20855.7	20187.1	19817.8
60°	20493.0	21758.2	23631.0	24712.7	24345.5	21856.6	20195.8	20691.9	19854.9	19542.4
62.5°	20027.5	20700.6	22072.9	22859.6	22754.7	20593.5	19854.9	20073.4	18843.2	18541.6
65°	19415.7	19258.3	20077.8	20635.0	20713.7	19647.3	19516.2	18736.1	17545.1	17119.0
67.5°	18672.7	17623.8	17621.6	17938.5	18069.6	18192.0	18810.4	17282.9	15674.6	15224.4
70°	17411.8	15104.2	14409.3	14783.0	14673.8	15707.4	17549.5	15241.9	13419.4	12892.8
72.5°	15099.9	11985.9	10873.7	11354.4	11079.1	12318.1	15355.5	12543.2	11096.6	10449.7
75°	12239.4	8966.0	7818.7	8260.1	8089.7	9344.0	12777.0	9110.2	7958.6	7711.6
77.5°	9503.5	6496.7	5830.2	5769.0	5895.7	6953.4	9372.4	6151.4	5246.7	5078.5
80°	6105.5	4650.1	4689.5	4610.8	4676.4	4383.6	5690.3	3924.7	3553.2	3417.7
82.5°	4018.6	3240.7	3863.5	3566.3	3387.1	2947.9	3732.4	2569.8	2180.9	2106.6
85°	2738.1	2386.3	2172.1	1660.8	1955.8	2270.4	2799.3	1383.2	1097.0	994.3
87.5°	1236.8	830.4	609.7	375.9	594.4	686.2	1359.2	161.7	124.6	128.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)