

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: P531148

Luminaire Tested: **GALN-SA6B-830-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P531148
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-830-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19969 lumens
Efficiency: N/A
Efficacy: 82.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B3 - U0 - G3

Input Watts (W): 243
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

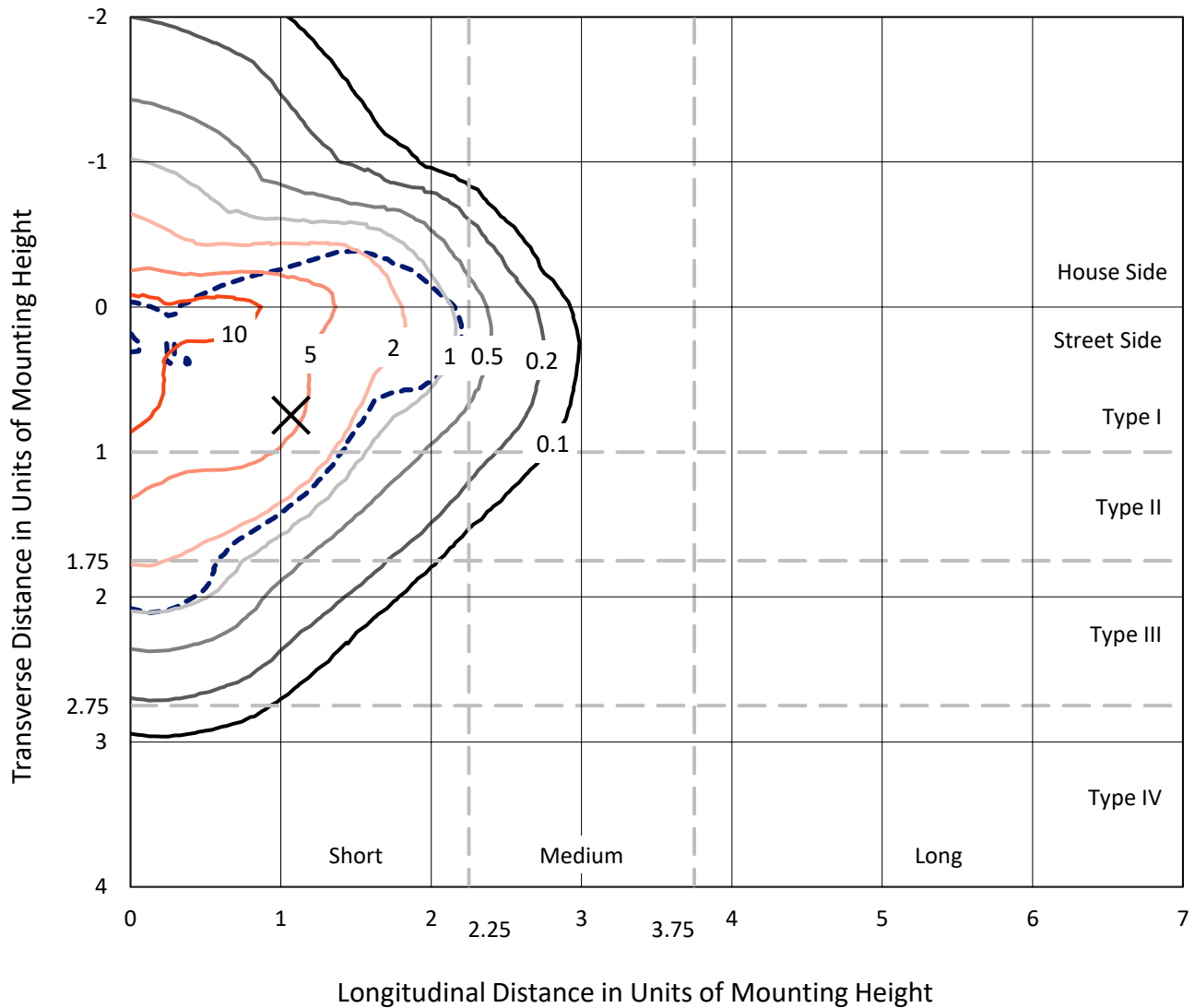


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
- - - 1/2 Max cd

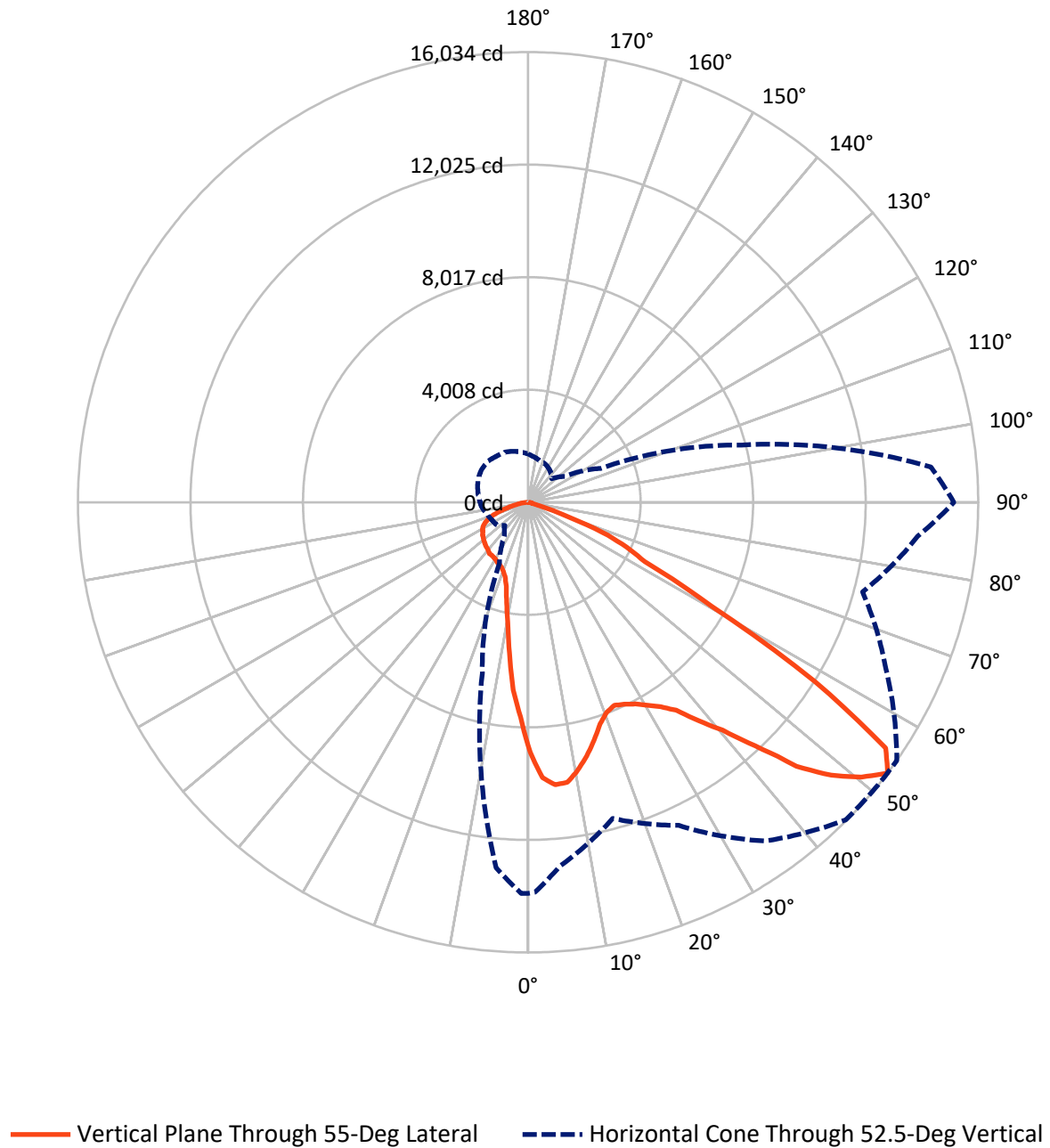


Based on 25 foot mounting height. Maximum calculated value = 15.1 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6091.6	0.0	6091.6
	% Fixture	30.5	0.0	30.5
Street Side	Lumens	13877.4	0.0	13877.4
	% Fixture	69.5	0.0	69.5
Total	Lumens	19969.0	0.0	19969.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	680.5	3.4
10°-20°	1467.3	7.3
20°-30°	2224.9	11.1
30°-40°	3214.7	16.1
40°-50°	4295.7	21.5
50°-60°	4794.9	24.0
60°-70°	2630.2	13.2
70°-80°	568.7	2.8
80°-90°	92.0	0.5
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°	19969.0	100.0
0°-180°	19969.0	100.0

Coefficient of Utilization



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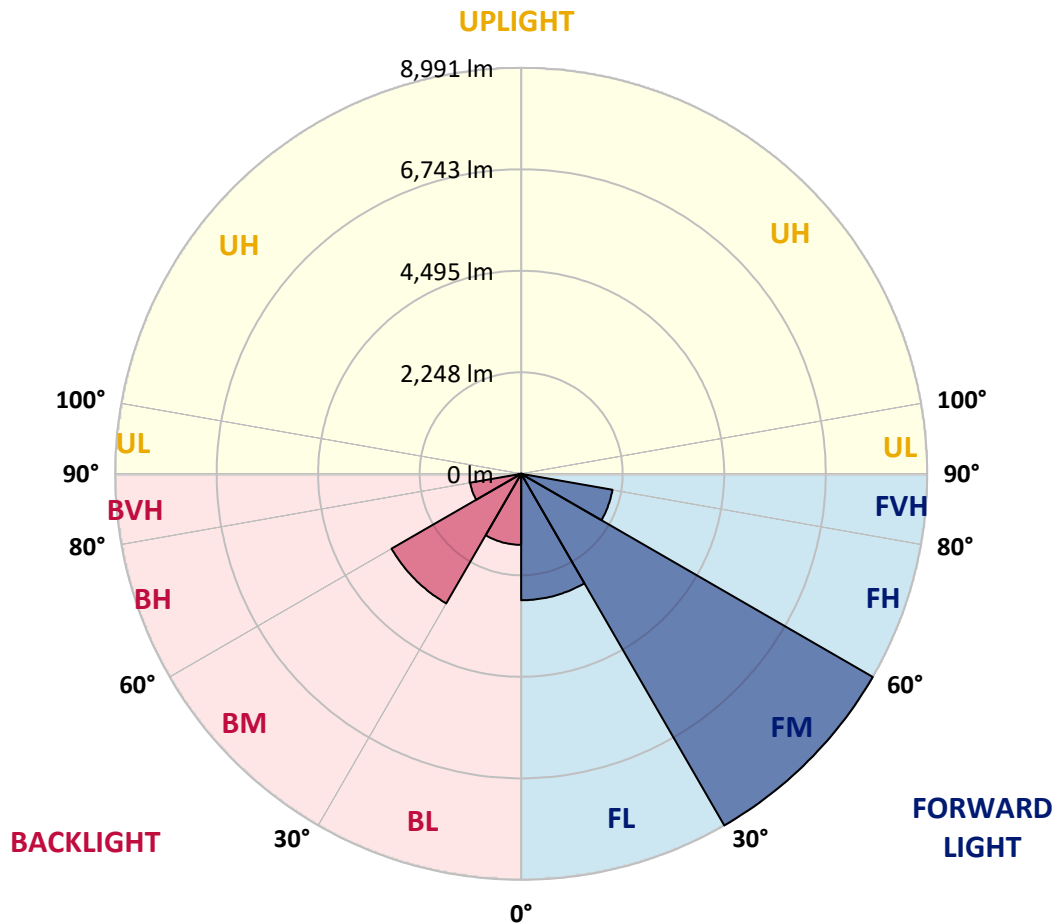
CATALOG NUMBER: GALN-SA6B-830-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2800.0	14.0			
FM	(30°-60°)	8991.0	45.0			
FH	(60°-80°)	2052.3	10.3			G2/5000
FVH	(80°-90°)	34.1	0.2			G1/100
BL	(0°-30°)	1572.8	7.9	B3/2500		
BM	(30°-60°)	3314.3	16.6	B3/5000		
BH	(60°-80°)	1146.6	5.7	B3/2500		G3/2500
BVH	(80°-90°)	57.9	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7
2.5°	9348.0	9295.5	9342.2	9563.8	9692.1	9779.5	9834.9	9826.2	9616.3	9412.1	9412.1
5°	9073.9	9006.9	9103.1	9604.6	10109.0	10152.8	10225.7	10106.1	9797.0	9423.8	8957.3
7.5°	8280.8	8330.4	8490.8	9149.7	9805.8	10135.3	10222.7	10071.1	9569.6	8872.7	8187.5
10°	7595.6	7712.2	8082.6	8794.0	9397.6	9826.2	9922.4	9709.6	9313.0	8458.7	7846.4
12.5°	7359.4	7286.5	7697.7	8409.1	8986.4	9216.8	9260.5	9275.1	9006.9	8248.8	7502.3
15°	7330.3	7376.9	7697.7	8237.1	8592.8	8604.5	8677.4	8791.1	8826.1	8391.6	7662.7
17.5°	7750.2	7694.8	8024.2	8452.9	8283.7	8114.6	8132.1	8295.4	8584.1	8514.1	8167.1
20°	8371.2	8496.6	8756.1	8712.4	8257.5	7828.9	7831.8	7986.3	8554.9	9021.4	8869.8
22.5°	9403.4	9525.9	9718.3	9190.5	8257.5	7744.3	7645.2	7855.1	8741.5	9625.0	9662.9
25°	10345.2	10569.7	10622.2	10001.1	8671.5	7823.0	7758.9	7965.9	8928.1	10214.0	10572.6
27.5°	11202.4	11284.1	11514.4	10523.1	8901.9	7875.5	7869.7	8135.0	9164.3	10508.5	11386.1
30°	11878.9	11870.2	12001.4	10852.5	9269.3	8170.0	7887.2	8388.7	9473.4	10995.4	12138.4
32.5°	12339.6	12438.7	12715.7	11310.3	9423.8	8449.9	8228.3	8686.1	9849.5	11225.8	12669.1
35°	13150.2	13322.2	12972.3	11564.0	9913.7	8726.9	8467.4	9091.4	10036.1	11476.5	13319.3
37.5°	13914.1	13782.9	13427.2	11701.0	10231.5	9240.1	8998.1	9875.8	10616.4	12021.8	13750.8
40°	14404.0	14401.1	13768.3	11811.8	10456.0	10024.5	10009.9	10671.8	11327.8	12365.8	14234.9
42.5°	14616.8	14820.9	13908.3	11800.2	10928.4	10975.0	11269.5	11861.4	11832.2	12435.8	14223.2
44°	14908.4	15030.9	14150.3	11826.4	11243.3	11616.5	12310.4	12686.6	12272.5	12397.9	14208.6
45°	14896.7	14905.5	13806.2	11861.4	11511.5	12153.0	12774.0	13409.7	12660.3	12316.3	14401.1
47.5°	14555.6	14456.5	13514.7	11601.9	12348.3	13570.1	14144.5	14529.3	13138.5	12141.3	14162.0
50°	13882.0	13768.3	12806.1	11491.1	12523.3	14450.6	15243.7	15383.7	13573.0	11969.3	13925.8
52.5°	13928.7	13896.6	13007.3	11657.3	12698.2	14727.6	15998.9	16033.9	14065.7	12330.8	13928.7
55°	14762.6	14651.8	13584.6	11864.3	12569.9	14404.0	15517.8	15456.6	13899.5	12112.2	14185.3
57.5°	13508.8	13581.7	12785.7	11045.0	11001.3	11709.8	12199.6	12048.0	11599.0	10931.3	13196.8
60°	10899.2	11106.2	11182.0	9237.2	8301.2	7936.8	7791.0	7522.7	7598.5	8980.6	11593.2
62.5°	9348.0	9336.3	9811.6	8374.1	5437.9	4676.9	4606.9	4668.2	5542.9	8840.7	11354.1
65°	7411.9	7610.2	7756.0	7097.0	4303.7	3472.7	3469.8	3857.6	4796.5	7388.6	9167.2
67.5°	4706.1	4965.6	5146.4	4539.9	2877.9	2472.6	2405.5	2872.0	3324.0	4846.0	5519.6
70°	2653.4	2775.8	2857.5	2618.4	1831.1	1282.9	1207.1	1317.9	2009.0	3137.4	3271.5
72.5°	1023.4	1078.8	1189.6	1198.4	691.0	414.0	335.3	402.4	845.6	1242.1	1183.8
75°	157.5	169.1	239.1	285.7	198.3	151.6	160.4	166.2	236.2	320.7	268.3
77.5°	75.8	75.8	72.9	84.6	99.1	107.9	116.6	128.3	140.0	154.5	148.7
80°	49.6	49.6	49.6	58.3	72.9	87.5	99.1	105.0	110.8	122.5	116.6
82.5°	32.1	32.1	32.1	43.7	58.3	72.9	78.7	93.3	105.0	122.5	113.7
85°	17.5	17.5	17.5	29.2	43.7	61.2	58.3	46.7	26.2	2.9	5.8
87.5°	5.8	5.8	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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°	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7
2.5°	9167.2	9033.1	9021.4	8747.4	8502.4	8382.9	8286.7	8018.4	8076.7	7922.2	7919.3
5°	8724.0	8449.9	8006.7	7642.3	7277.8	7204.9	6887.1	6610.1	6618.8	6420.6	6455.5
7.5°	7928.0	7738.5	7199.1	6627.6	6143.6	5799.5	5499.2	5318.4	5088.0	5009.3	4968.5
10°	7423.6	7190.3	6583.8	5866.6	5324.2	5140.5	4851.9	4691.5	4455.3	4338.7	4257.0
12.5°	7202.0	6860.8	6102.7	5373.8	5012.2	4822.7	4577.8	4286.2	4006.3	3898.4	3749.7
15°	7225.3	6817.1	5962.8	5175.5	4741.1	4373.7	4155.0	3831.3	3545.6	3356.1	3248.2
17.5°	7578.1	7082.4	6026.9	5023.9	4399.9	3939.2	3510.6	3160.7	2933.3	2790.4	2755.4
20°	8412.0	7738.5	6134.8	4779.0	4058.8	3484.4	2956.6	2592.1	2417.2	2414.3	2417.2
22.5°	9106.0	8438.3	6353.5	4633.2	3717.6	2901.2	2376.4	2259.7	2224.7	2297.6	2306.4
25°	10042.0	9225.5	6729.6	4557.4	3402.7	2472.6	2148.9	2105.2	2102.3	2195.6	2198.5
27.5°	11001.3	9913.7	6954.1	4335.8	3082.0	2251.0	2011.9	2003.1	2049.8	2148.9	2140.2
30°	11654.4	10491.0	7359.4	4070.4	2702.9	2055.6	1956.5	1968.2	2032.3	2108.1	2119.8
32.5°	12415.4	11059.6	7464.4	3924.6	2469.7	1892.3	1822.4	1848.6	1930.2	2049.8	2113.9
35°	13287.2	11461.9	7624.8	3726.4	2382.2	1767.0	1732.0	1761.1	1860.3	1939.0	2009.0
37.5°	13931.6	12173.4	7653.9	3571.8	2286.0	1697.0	1641.6	1737.8	1796.1	1906.9	1941.9
40°	14409.8	12689.5	7729.7	3475.6	2210.2	1606.6	1606.6	1670.7	1749.5	1851.5	1921.5
42.5°	14716.0	13065.6	7785.1	3388.1	2064.4	1580.4	1565.8	1629.9	1734.9	1834.0	1866.1
44°	14902.6	13226.0	7729.7	3306.5	2023.6	1548.3	1548.3	1603.7	1685.3	1802.0	1839.9
45°	14949.2	13427.2	7607.3	3303.6	1974.0	1510.4	1504.5	1609.5	1664.9	1807.8	1831.1
47.5°	15130.0	13675.0	7621.9	3210.3	1854.4	1420.0	1522.0	1568.7	1618.3	1743.6	1822.4
50°	15124.2	13829.6	7589.8	3073.2	1767.0	1317.9	1487.0	1539.5	1589.1	1717.4	1749.5
52.5°	15165.0	14406.9	7884.3	2854.6	1609.5	1186.7	1370.4	1487.0	1548.3	1656.2	1723.2
55°	15144.6	14736.4	8175.9	2691.3	1387.9	1108.0	1271.3	1408.3	1495.8	1609.5	1641.6
57.5°	13832.5	13024.8	7566.5	2385.1	1148.8	1014.7	1131.3	1326.7	1437.5	1554.1	1594.9
60°	11301.6	10039.0	6239.8	1755.3	944.7	933.1	1052.6	1300.4	1347.1	1449.1	1519.1
62.5°	10444.3	8805.7	4948.1	1341.3	807.7	854.3	971.0	1175.1	1248.0	1373.3	1437.5
65°	8172.9	5849.1	3064.5	906.8	711.5	766.9	877.7	1029.3	1148.8	1265.5	1341.3
67.5°	4840.2	3195.7	1516.2	635.6	621.1	679.4	793.1	906.8	1043.9	1172.1	1210.1
70°	2635.9	1571.6	647.3	484.0	527.8	580.2	691.0	769.8	901.0	1000.1	1064.3
72.5°	845.6	478.2	323.7	358.6	402.4	463.6	530.7	626.9	720.2	778.5	831.0
75°	204.1	201.2	230.3	250.8	291.6	338.2	393.6	443.2	516.1	571.5	618.1
77.5°	142.9	154.5	177.9	207.0	221.6	239.1	274.1	312.0	344.1	384.9	414.0
80°	110.8	119.5	137.0	151.6	166.2	180.8	198.3	212.9	233.3	259.5	274.1
82.5°	105.0	110.8	128.3	137.0	131.2	128.3	140.0	145.8	148.7	157.5	166.2
85°	8.7	0.0	5.8	20.4	49.6	72.9	78.7	78.7	75.8	81.6	81.6
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	11.7	8.7
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7
2.5°	7884.3	7785.1	7823.0	7869.7	7802.6	7648.1	7688.9	7671.4	7828.9	7817.2	7974.7
5°	6610.1	6455.5	6473.0	6700.5	6627.6	6706.3	6548.8	6528.4	6557.6	6572.2	6598.4
7.5°	5058.9	5038.5	5213.4	5405.9	5496.3	5402.9	5248.4	5213.4	5181.3	5117.2	5263.0
10°	4128.7	4134.6	4122.9	4268.7	4370.8	4350.3	4257.0	4245.4	4184.1	4160.8	4242.5
12.5°	3685.6	3606.8	3568.9	3522.3	3601.0	3653.5	3612.7	3583.5	3586.4	3615.6	3627.2
15°	3256.9	3207.4	3125.7	3073.2	3111.1	3084.9	3070.3	3128.6	3114.1	3108.2	3178.2
17.5°	2775.8	2816.6	2810.8	2752.5	2802.1	2781.7	2778.7	2737.9	2682.5	2641.7	2665.0
20°	2458.0	2533.8	2592.1	2595.0	2621.3	2618.4	2574.6	2449.3	2408.4	2399.7	2405.5
22.5°	2344.3	2385.1	2455.1	2554.2	2554.2	2507.6	2455.1	2309.3	2271.4	2230.6	2213.1
25°	2253.9	2332.6	2423.0	2434.7	2481.3	2437.6	2353.0	2280.1	2201.4	2146.0	2146.0
27.5°	2207.2	2294.7	2361.8	2382.2	2446.3	2411.4	2323.9	2230.6	2137.3	2134.4	2084.8
30°	2186.8	2268.5	2312.2	2361.8	2390.9	2335.5	2309.3	2210.2	2116.9	2093.5	2011.9
32.5°	2125.6	2242.2	2323.9	2312.2	2335.5	2312.2	2274.3	2192.7	2087.7	2035.2	2026.5
35°	2055.6	2172.3	2259.7	2321.0	2335.5	2286.0	2262.6	2151.8	2009.0	1982.7	1892.3
37.5°	2017.7	2087.7	2195.6	2294.7	2315.1	2288.9	2210.2	2096.4	1953.6	1924.4	1845.7
40°	1971.1	2061.5	2146.0	2227.7	2288.9	2224.7	2134.4	2023.6	1959.4	1871.9	1848.6
42.5°	1936.1	2038.1	2108.1	2198.5	2268.5	2183.9	2079.0	2003.1	1912.8	1854.4	1787.4
44°	1924.4	2017.7	2064.4	2175.2	2233.5	2169.3	2081.9	2003.1	1898.2	1845.7	1787.4
45°	1883.6	2011.9	2061.5	2160.6	2210.2	2157.7	2046.9	1968.2	1892.3	1828.2	1767.0
47.5°	1842.8	1930.2	2014.8	2093.5	2128.5	2111.0	2017.7	1921.5	1831.1	1793.2	1734.9
50°	1831.1	1918.6	1997.3	2070.2	2111.0	2076.0	1991.5	1898.2	1793.2	1732.0	1682.4
52.5°	1772.8	1880.7	1968.2	1991.5	2044.0	2023.6	1959.4	1857.4	1758.2	1705.7	1664.9
55°	1688.2	1802.0	1921.5	1950.7	2026.5	1994.4	1898.2	1802.0	1717.4	1638.7	1586.2
57.5°	1656.2	1767.0	1883.6	1921.5	1968.2	1915.7	1892.3	1790.3	1656.2	1615.3	1533.7
60°	1574.5	1714.5	1810.7	1898.2	1901.1	1886.5	1845.7	1729.1	1618.3	1542.4	1484.1
62.5°	1510.4	1641.6	1717.4	1799.0	1848.6	1807.8	1767.0	1659.1	1539.5	1455.0	1387.9
65°	1417.1	1536.6	1600.8	1650.3	1705.7	1699.9	1629.9	1551.2	1425.8	1358.8	1294.6
67.5°	1274.2	1379.2	1466.6	1513.3	1548.3	1539.5	1487.0	1431.6	1303.4	1236.3	1189.6
70°	1102.2	1210.1	1265.5	1291.7	1326.7	1344.2	1303.4	1277.1	1163.4	1075.9	1032.2
72.5°	886.4	956.4	1038.0	1061.3	1075.9	1087.6	1087.6	1064.3	947.6	912.6	836.8
75°	653.1	708.5	769.8	769.8	796.0	798.9	804.8	790.2	702.7	656.1	638.6
77.5°	443.2	484.0	533.6	554.0	571.5	568.6	565.7	524.8	478.2	457.8	440.3
80°	288.7	329.5	352.8	379.1	396.5	393.6	399.5	370.3	349.9	314.9	320.7
82.5°	172.0	204.1	227.4	259.5	259.5	268.3	268.3	259.5	239.1	221.6	221.6
85°	81.6	107.9	122.5	142.9	154.5	157.5	140.0	119.5	99.1	90.4	99.1
87.5°	14.6	20.4	29.2	26.2	32.1	29.2	29.2	29.2	29.2	23.3	26.2
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°	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7	8907.7
2.5°	7916.4	8062.1	8164.2	8333.3	8624.9	8858.2	9097.2	9275.1	9295.5	9348.0
5°	6694.6	6773.4	7032.9	7371.1	7610.2	8003.8	8257.5	8718.2	8890.2	9073.9
7.5°	5228.0	5356.3	5703.3	5930.7	6455.5	6948.3	7458.6	8027.2	8254.6	8280.8
10°	4408.7	4595.3	4831.5	5195.9	5481.7	6029.8	6665.5	7298.2	7551.9	7595.6
12.5°	3872.2	4111.3	4426.2	4688.6	4962.7	5440.9	6050.3	6831.7	7161.2	7359.4
15°	3356.1	3603.9	3950.9	4315.4	4557.4	5128.9	5846.1	6726.7	7155.3	7330.3
17.5°	2825.4	3055.7	3341.5	3735.1	4222.1	4863.5	5814.1	7076.6	7546.0	7750.2
20°	2370.5	2498.8	2831.2	3236.5	3845.9	4592.4	5825.7	7592.7	8280.8	8371.2
22.5°	2192.7	2221.8	2353.0	2726.3	3394.0	4315.4	6032.8	8324.6	9106.0	9403.4
25°	2055.6	2049.8	2084.8	2335.5	3064.5	4207.5	6236.9	8998.1	10021.5	10345.2
27.5°	1979.8	1921.5	1924.4	2160.6	2831.2	4032.5	6499.3	9770.8	11059.6	11202.4
30°	1941.9	1930.2	1895.3	1991.5	2577.6	3770.1	6543.0	10531.8	11671.9	11878.9
32.5°	1918.6	1804.9	1761.1	1796.1	2338.5	3484.4	6706.3	11033.3	12430.0	12339.6
35°	1802.0	1699.9	1670.7	1705.7	2169.3	3324.0	6598.4	11470.7	12998.6	13150.2
37.5°	1758.2	1667.8	1609.5	1580.4	2011.9	3189.9	6543.0	12144.2	13549.6	13914.1
40°	1717.4	1621.2	1551.2	1522.0	1889.4	3012.0	6525.5	12663.2	14185.3	14404.0
42.5°	1670.7	1609.5	1530.8	1478.3	1740.7	2834.1	6324.3	12823.6	14380.6	14616.8
44°	1656.2	1562.9	1481.2	1463.7	1682.4	2743.8	6283.5	12969.4	14549.8	14908.4
45°	1641.6	1554.1	1460.8	1437.5	1662.0	2694.2	6228.1	13004.4	14829.7	14896.7
47.5°	1600.8	1545.4	1455.0	1390.8	1618.3	2586.3	6061.9	12806.1	14543.9	14555.6
50°	1568.7	1504.5	1411.2	1285.9	1559.9	2495.9	6137.7	12733.2	13855.8	13882.0
52.5°	1533.7	1437.5	1385.0	1169.2	1463.7	2420.1	6298.1	13062.7	13934.5	13928.7
55°	1492.9	1387.9	1259.6	1070.1	1303.4	2323.9	6685.9	13712.9	14663.5	14762.6
57.5°	1428.7	1338.3	1154.7	982.6	1119.7	2140.2	6560.5	12467.9	13491.3	13508.8
60°	1344.2	1259.6	1046.8	915.6	918.5	1688.2	5866.6	9715.4	10645.5	10899.2
62.5°	1262.5	1215.9	956.4	819.3	781.4	1344.2	4959.7	8073.8	9138.1	9348.0
65°	1166.3	1052.6	877.7	746.4	670.6	941.8	3513.5	6032.8	7129.1	7411.9
67.5°	1043.9	921.4	772.7	656.1	574.4	629.8	1813.6	3429.0	4539.9	4706.1
70°	912.6	798.9	650.2	554.0	463.6	434.5	798.9	1635.8	2481.3	2653.4
72.5°	749.4	644.4	519.0	437.4	347.0	300.3	268.3	437.4	880.6	1023.4
75°	542.3	469.4	390.7	312.0	244.9	192.4	157.5	131.2	145.8	157.5
77.5°	399.5	341.1	288.7	221.6	172.0	137.0	107.9	81.6	78.7	75.8
80°	312.0	277.0	230.3	177.9	134.1	102.1	75.8	55.4	49.6	49.6
82.5°	244.9	227.4	189.5	145.8	110.8	81.6	55.4	37.9	32.1	32.1
85°	93.3	93.3	137.0	119.5	84.6	58.3	37.9	20.4	17.5	17.5
87.5°	23.3	23.3	23.3	23.3	20.4	17.5	17.5	8.7	5.8	5.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)