

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: STREETWORKS

Report Number: P458093

Luminaire Tested: **GLAN-SA9C-727-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P458093
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: STREETWORKS
Catalog Number: GLAN-SA9C-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(9) 70 CRI, 2700K, 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: 45945 lumens
Efficiency: N/A
Efficacy: 95.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B4 - U0 - G5

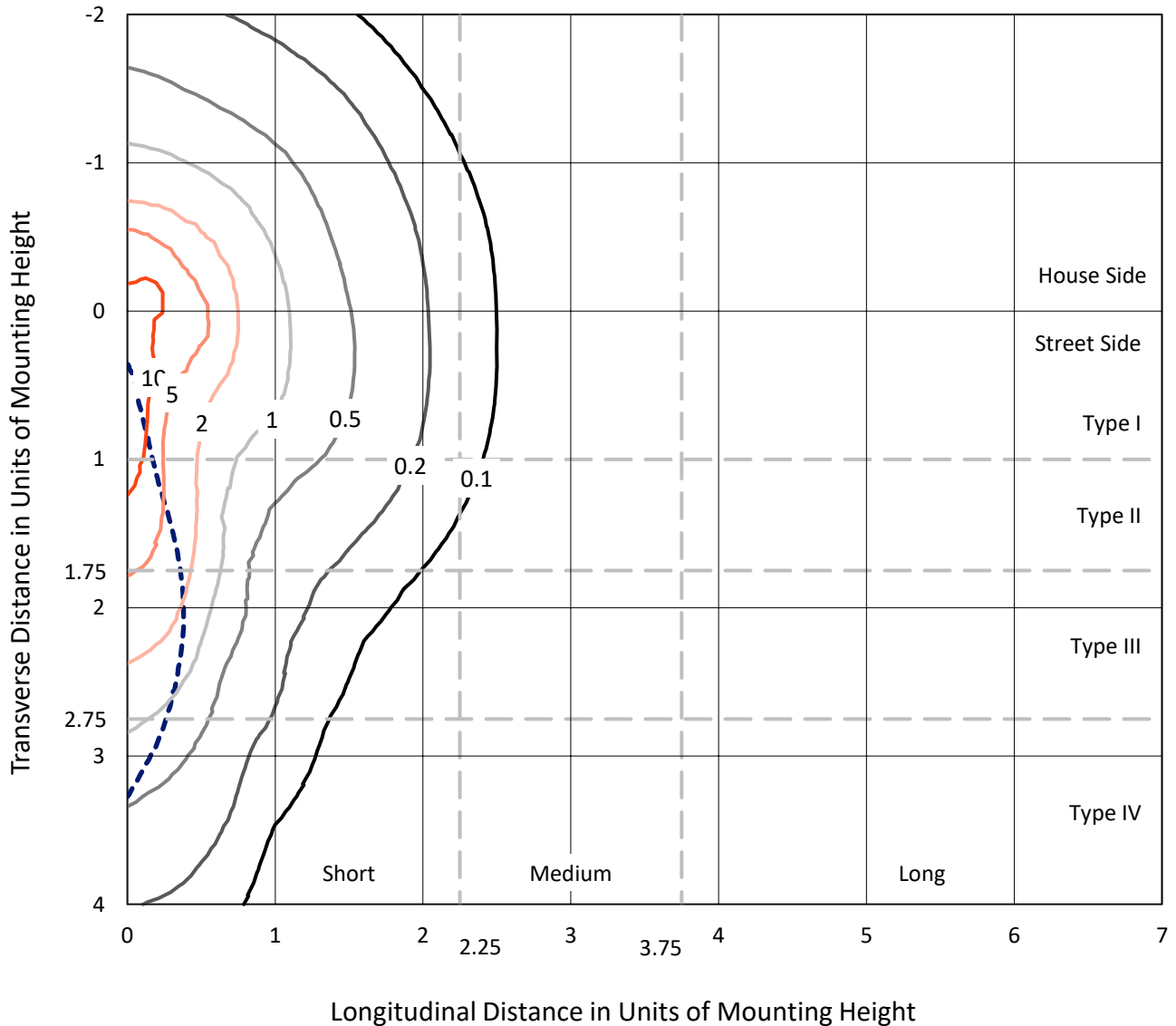
Input Watts (W): 481
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

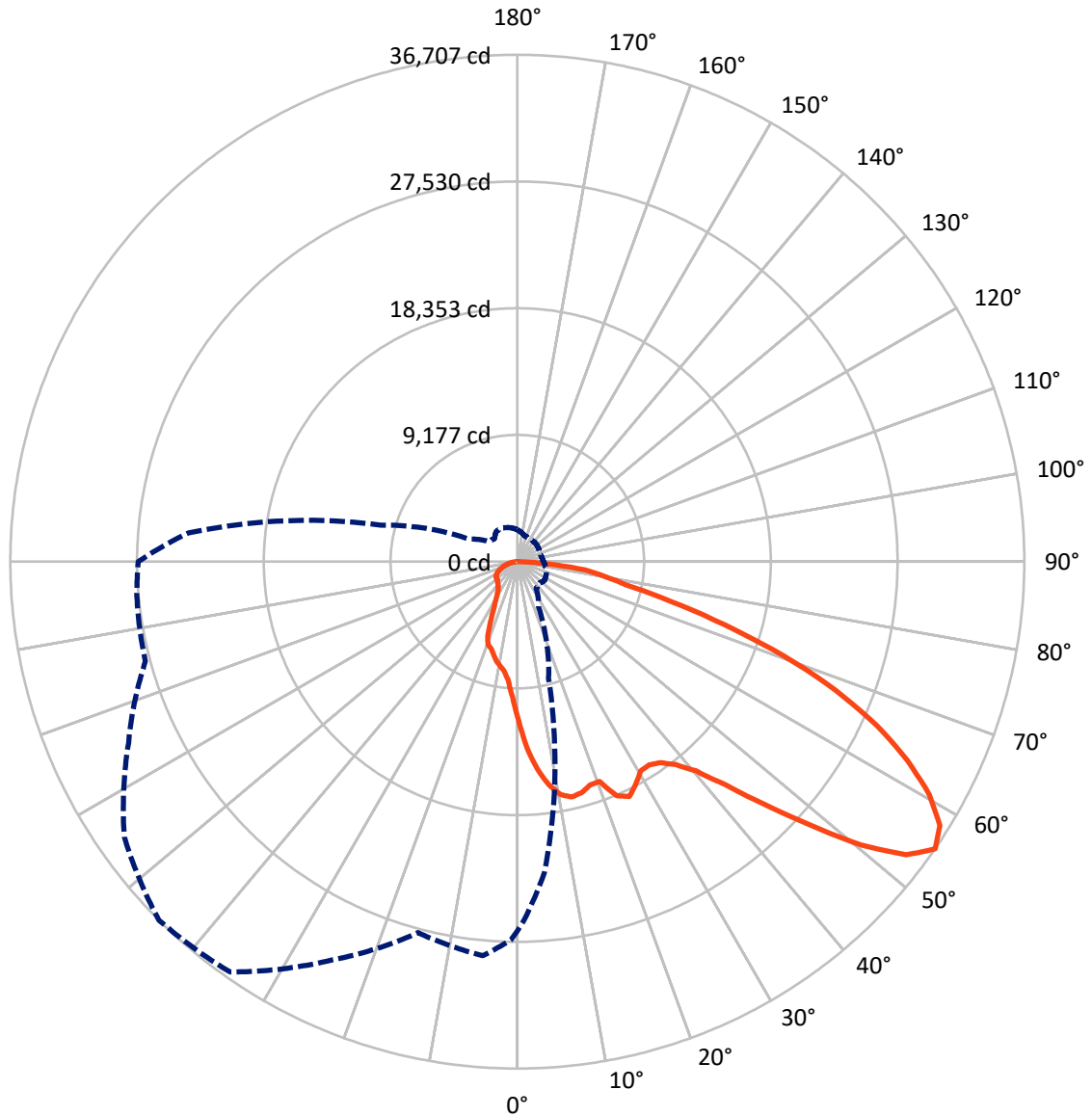
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.8 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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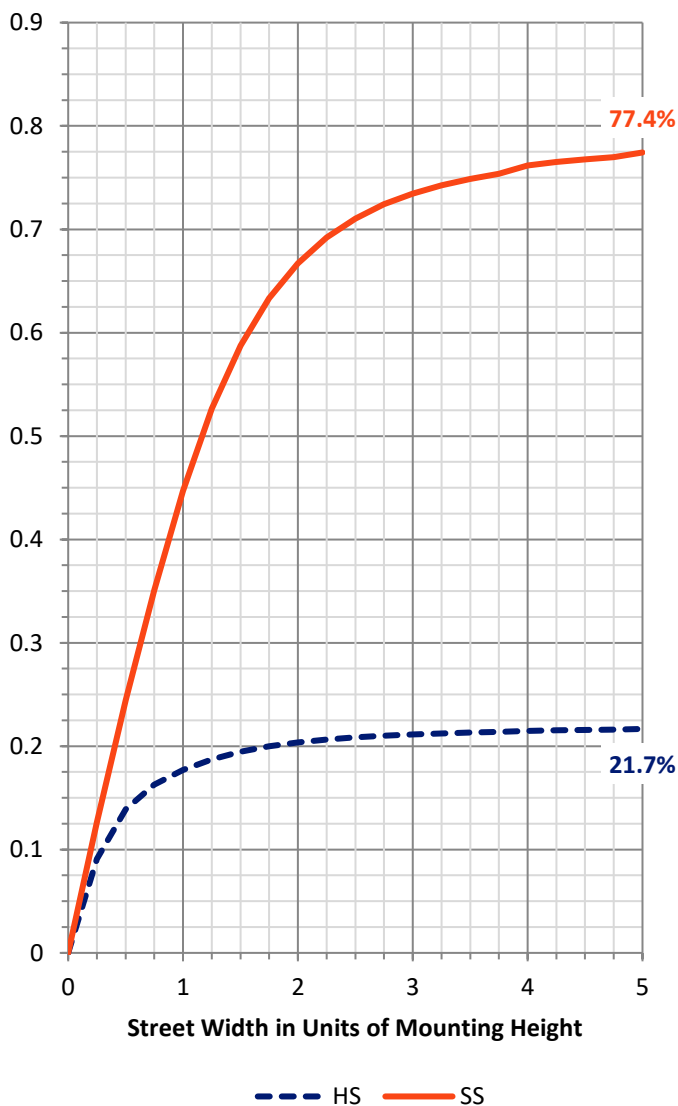
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	10050.2	0.0	10050.2
	% Fixture	21.9	0.0	21.9
Street Side	Lumens	35894.7	0.0	35894.7
	% Fixture	78.1	0.0	78.1
Total	Lumens	45945.0	0.0	45945.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	977.2	2.1
10°-20°	2592.6	5.6
20°-30°	4478.9	9.7
30°-40°	5205.2	11.3
40°-50°	7262.3	15.8
50°-60°	9854.1	21.4
60°-70°	9375.0	20.4
70°-80°	5064.6	11.0
80°-90°	1135.1	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°	45945.0	100.0
0°-180°	45945.0	100.0

Coefficient of Utilization



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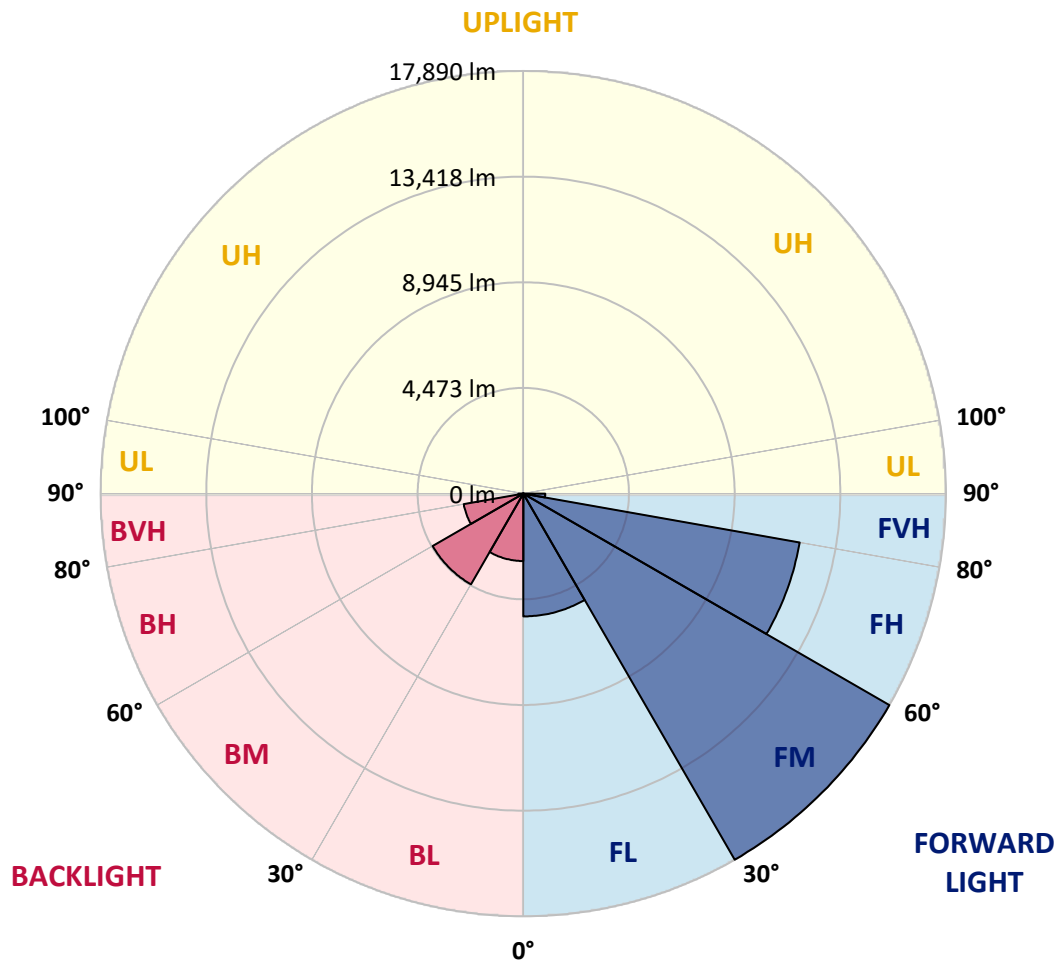
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	5196.5	11.3			
FM	(30°-60°)	17890.0	38.9			
FH	(60°-80°)	11880.6	25.9			G4/12000
FVH	(80°-90°)	927.6	2.0			G5
BL	(0°-30°)	2852.3	6.2	B4/5000		
BM	(30°-60°)	4431.5	9.6	B3/5000		
BH	(60°-80°)	2559.0	5.6	B4/5000		G4/5000
BVH	(80°-90°)	207.4	0.5			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4
2.5°	12809.5	12761.0	12624.6	12267.0	11906.3	11539.5	11257.6	10906.0	10539.2	10342.2	10090.6
5°	12985.3	12930.8	12609.5	11803.2	11072.7	10305.8	9693.5	9157.0	8938.8	8617.5	8359.8
7.5°	12573.1	12548.9	12066.9	10909.0	9908.7	8905.4	8211.3	7780.9	7389.9	7244.4	7274.7
10°	12197.2	12100.3	11497.1	9984.5	8817.5	8002.2	7505.1	7083.7	6807.9	6735.2	6750.3
12.5°	11885.0	11754.7	11042.4	9363.1	8341.7	7690.0	7056.5	6616.9	6365.4	6435.1	6671.5
15°	11821.4	11645.6	10851.4	9151.0	8081.0	7241.4	6547.2	6041.0	5853.1	6004.7	6383.5
17.5°	12233.6	12012.3	11178.8	9220.7	7832.4	6783.7	5931.9	5353.0	5195.3	5437.8	5931.9
20°	13558.2	13230.9	12200.3	9623.8	7808.2	6556.3	5574.2	4992.3	5058.9	5519.7	6035.0
22.5°	16007.4	15516.3	13988.6	10211.9	7935.5	6498.7	5501.5	5198.4	5565.1	5956.2	6295.6
25°	16492.4	16107.4	14309.9	10345.2	7908.2	6459.3	5707.6	5859.2	6268.4	6462.4	6344.1
27.5°	16765.2	16325.6	14288.7	9684.4	7071.6	5859.2	5456.0	5707.6	5810.7	5622.7	5301.4
30°	17401.7	16944.0	14649.4	8990.3	5822.8	4346.6	3810.1	3707.1	3776.8	3813.2	3698.0
32.5°	18277.7	17826.0	15328.4	8535.6	5034.7	3594.9	3067.5	2922.0	2888.7	2849.3	2803.8
35°	19411.3	18717.2	15995.2	8244.7	4710.4	3325.1	2840.2	2728.0	2682.5	2628.0	2579.5
37.5°	20563.2	19835.7	16837.9	7938.5	4495.2	3137.2	2688.6	2637.1	2558.3	2500.7	2431.0
40°	21787.7	20972.4	17604.8	7671.8	4286.0	3016.0	2579.5	2573.4	2470.4	2403.7	2321.8
42.5°	22848.6	22009.0	18289.8	7508.1	4125.4	2888.7	2512.8	2531.0	2424.9	2324.9	2218.8
45°	23691.3	22866.8	18923.3	7508.1	3995.0	2761.4	2500.7	2488.6	2382.5	2258.2	2136.9
47.5°	24430.9	23579.1	19541.7	7699.1	3913.2	2655.3	2434.0	2455.2	2346.1	2188.5	2070.3
50°	25003.8	24252.0	20375.2	7996.1	3831.3	2570.4	2349.1	2464.3	2315.8	2152.1	2015.7
52.5°	25734.3	25061.3	21378.5	8402.3	3761.6	2476.4	2273.3	2464.3	2312.7	2155.1	2006.6
55°	26746.6	26037.4	22587.9	8738.7	3649.5	2388.5	2206.7	2394.6	2303.7	2140.0	1982.4
57.5°	27455.9	26925.5	23442.7	8963.0	3488.8	2276.4	2146.0	2327.9	2264.3	2082.4	1909.6
58°	27489.3	26971.0	23567.0	9014.6	3449.4	2255.2	2130.9	2297.6	2246.1	2058.1	1885.4
60°	27107.4	26661.8	23591.2	8941.8	3225.1	2149.1	2052.1	2173.3	2149.1	1915.7	1755.0
62.5°	25719.1	25243.2	22612.2	8350.7	2928.1	2018.7	1930.8	2006.6	1952.0	1715.6	1567.1
65°	23745.8	22869.8	20599.5	7423.2	2715.9	1879.3	1767.1	1773.2	1715.6	1545.9	1415.5
67.5°	21117.8	20138.8	17441.1	6256.2	2555.2	1724.7	1573.2	1558.0	1488.3	1379.2	1273.1
70°	17883.6	17213.8	14173.5	5089.3	2376.4	1555.0	1354.9	1345.8	1303.4	1221.5	1127.6
72.5°	14494.8	13643.1	11445.5	4073.8	2158.2	1391.3	1151.8	1170.0	1115.5	1057.9	973.0
75°	10696.8	10139.1	8847.9	3267.6	1864.1	1212.5	960.9	966.9	942.7	882.1	815.4
77.5°	7044.3	6877.6	6329.0	2146.0	1433.7	963.9	785.1	791.1	772.9	718.4	648.7
80°	4740.7	4628.5	4289.0	1382.2	957.8	697.2	606.2	612.3	609.3	551.7	457.7
82.5°	2922.0	2873.5	2764.4	933.6	663.8	500.1	400.1	418.3	451.6	388.0	312.2
85°	1379.2	1382.2	1670.1	509.2	391.0	321.3	218.2	233.4	233.4	233.4	175.8
87.5°	178.8	187.9	230.4	215.2	142.5	121.2	78.8	66.7	57.6	75.8	54.6
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):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4
2.5°	10002.7	9942.1	9811.8	9781.4	9763.3	9814.8	9678.4	9714.8	9654.1	9823.9	9796.6
5°	8375.0	8381.1	8487.2	8556.9	8581.1	8556.9	8465.9	8308.3	8187.1	8138.6	8150.7
7.5°	7217.1	7323.2	7505.1	7708.2	7893.1	7947.6	7896.1	7596.0	7268.6	7062.5	6995.8
10°	6832.2	6974.6	7183.8	7344.4	7508.1	7638.4	7665.7	7432.3	7044.3	6556.3	6365.4
12.5°	6853.4	7047.4	7247.4	7298.9	7283.8	7335.3	7311.1	7271.7	7017.1	6395.7	6077.4
15°	6653.3	6883.7	7023.1	6995.8	6947.3	6901.9	6838.2	6738.2	6647.3	6210.8	5859.2
17.5°	6192.6	6429.0	6544.2	6553.3	6553.3	6541.2	6386.6	6350.2	6338.1	6125.9	5910.7
20°	6277.5	6407.8	6356.3	6271.4	6295.6	6377.5	6286.6	6268.4	6338.1	6432.0	6392.6
22.5°	6326.0	6280.5	5892.5	5516.6	5431.8	5686.4	5737.9	5941.0	6222.9	6562.4	6783.7
25°	6025.9	5659.1	4965.0	4540.6	4301.2	4537.6	4846.8	5222.6	5644.0	6080.4	6338.1
27.5°	5037.7	4758.9	4261.8	3879.8	3670.7	3707.1	3970.8	4313.3	4704.3	4998.3	5186.3
30°	3795.0	3670.7	3413.0	3282.7	3155.4	3125.1	3237.2	3367.6	3540.4	3576.7	3625.2
32.5°	2794.7	2776.5	2791.7	2749.2	2725.0	2722.0	2688.6	2718.9	2737.1	2758.3	2715.9
35°	2528.0	2503.7	2461.3	2449.1	2434.0	2440.1	2424.9	2409.7	2421.9	2440.1	2452.2
37.5°	2391.6	2355.2	2294.6	2273.3	2273.3	2282.4	2258.2	2252.1	2273.3	2330.9	2361.2
40°	2285.5	2243.0	2173.3	2146.0	2164.2	2188.5	2155.1	2143.0	2194.5	2255.2	2303.7
42.5°	2185.4	2152.1	2085.4	2055.1	2070.3	2115.7	2067.2	2058.1	2124.8	2191.5	2249.1
45°	2100.6	2067.2	2006.6	1991.4	1997.5	2039.9	2006.6	2006.6	2070.3	2143.0	2194.5
47.5°	2033.9	1991.4	1952.0	1939.9	1946.0	1970.2	1964.2	1964.2	2024.8	2100.6	2152.1
50°	1967.2	1930.8	1879.3	1885.4	1900.5	1933.9	1930.8	1939.9	2000.5	2094.5	2149.1
52.5°	1936.9	1882.3	1824.7	1830.8	1876.3	1915.7	1903.5	1912.6	1982.4	2158.2	2237.0
55°	1903.5	1830.8	1764.1	1773.2	1824.7	1882.3	1867.2	1879.3	1961.1	2200.6	2309.7
57.5°	1839.9	1755.0	1682.3	1688.3	1764.1	1824.7	1800.5	1815.6	1912.6	2155.1	2270.3
58°	1812.6	1739.9	1670.1	1673.2	1745.9	1812.6	1785.3	1797.5	1897.5	2143.0	2252.1
60°	1697.4	1655.0	1594.4	1597.4	1667.1	1724.7	1709.6	1721.7	1818.7	2055.1	2136.9
62.5°	1539.8	1515.6	1500.4	1500.4	1542.8	1597.4	1612.6	1627.7	1715.6	1858.1	1930.8
65°	1370.1	1370.1	1373.1	1373.1	1400.4	1470.1	1479.2	1518.6	1600.4	1670.1	1724.7
67.5°	1254.9	1248.8	1254.9	1239.7	1251.9	1294.3	1339.8	1376.1	1461.0	1509.5	1527.7
70°	1106.4	1103.3	1106.4	1085.1	1100.3	1136.7	1167.0	1227.6	1315.5	1351.9	1361.0
72.5°	960.9	960.9	966.9	951.8	951.8	991.2	1012.4	1079.1	1160.9	1182.1	1185.2
75°	809.3	818.4	818.4	797.2	803.2	827.5	854.8	909.3	985.1	1000.3	1000.3
77.5°	642.6	675.9	675.9	654.7	663.8	666.8	703.2	730.5	788.1	794.2	769.9
80°	466.8	500.1	527.4	509.2	524.4	506.2	527.4	545.6	603.2	575.9	536.5
82.5°	333.4	357.7	378.9	381.9	366.8	333.4	360.7	363.7	391.0	354.6	333.4
85°	184.9	206.1	233.4	221.3	197.0	175.8	184.9	191.0	187.9	178.8	166.7
87.5°	48.5	51.5	57.6	42.4	39.4	33.3	45.5	45.5	51.5	54.6	51.5
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):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4
2.5°	9817.8	9951.2	10239.1	10457.4	10724.1	11048.5	11430.4	11815.3	12230.6	12360.9	12542.8
5°	8123.4	8456.8	8596.3	8993.3	9387.4	9978.5	10608.9	11339.4	12139.7	12524.6	12894.4
7.5°	6941.3	7120.1	7265.6	7556.6	8029.5	8747.8	9539.0	10451.3	11585.0	12145.7	12688.3
10°	6304.7	6322.9	6501.8	6862.5	7274.7	7908.2	8656.9	9678.4	10942.4	11624.4	12260.9
12.5°	5883.4	5804.6	5998.6	6374.5	6841.2	7426.3	8114.3	9087.3	10478.6	11178.8	11948.7
15°	5513.6	5389.3	5534.8	5919.8	6380.5	7068.6	7808.2	8838.8	10296.7	11112.1	11966.9
17.5°	5522.7	5180.2	5231.7	5556.1	6013.8	6713.9	7611.2	8829.7	10572.6	11512.2	12524.6
20°	6204.7	5656.1	5422.7	5483.3	5925.8	6689.7	7702.1	9254.0	11478.9	12848.9	13931.1
22.5°	6874.6	6544.2	6168.3	6044.1	6286.6	7086.8	8281.0	10257.3	13449.1	15513.3	17468.4
25°	6641.2	6923.1	6829.1	6653.3	6707.9	7371.7	8675.1	11081.8	14979.8	17304.7	19141.6
27.5°	5313.6	5825.8	5928.9	5925.8	5947.1	6492.7	7802.1	10527.1	15170.8	17647.2	19402.2
30°	3734.3	3779.8	3834.4	3940.5	4037.5	4525.5	6104.7	9241.9	15085.9	17801.8	19559.9
32.5°	2694.7	2755.3	2831.1	2976.6	3206.9	3828.3	5340.8	8832.7	15534.5	18441.4	20020.6
35°	2464.3	2534.0	2606.8	2773.5	2991.7	3567.6	5037.7	8663.0	16271.1	19478.0	20848.1
37.5°	2391.6	2470.4	2534.0	2655.3	2831.1	3379.7	4761.9	8547.8	17025.8	20575.3	21957.5
40°	2340.0	2431.0	2482.5	2579.5	2700.7	3206.9	4516.4	8456.8	17756.3	21578.6	22848.6
42.5°	2294.6	2388.5	2455.2	2524.9	2625.0	3052.3	4298.1	8365.9	18389.8	22551.6	23736.7
45°	2240.0	2358.2	2443.1	2497.6	2585.5	2922.0	4131.4	8293.2	19111.2	23415.4	24634.0
47.5°	2194.5	2324.9	2431.0	2494.6	2528.0	2831.1	3998.1	8393.2	19978.1	24318.7	25467.5
50°	2197.6	2321.8	2455.2	2555.2	2467.3	2755.3	3916.2	8790.3	21105.7	25391.7	26125.3
52.5°	2294.6	2446.1	2552.2	2576.5	2382.5	2664.4	3873.8	9484.4	22439.4	26340.5	26789.1
55°	2403.7	2561.3	2676.5	2661.3	2337.0	2549.2	3864.7	10224.0	23900.4	27446.8	27653.0
57.5°	2364.3	2594.6	2770.4	2691.6	2340.0	2437.0	3825.3	10821.1	25122.0	28274.3	28507.7
58°	2352.2	2582.5	2782.6	2685.6	2330.9	2403.7	3816.2	10872.6	25291.7	28331.9	28629.0
60°	2233.9	2476.4	2773.5	2640.1	2279.4	2312.7	3716.2	11039.4	25246.2	28034.9	28701.7
62.5°	2018.7	2218.8	2564.3	2418.8	2121.8	2191.5	3491.9	10833.2	24015.6	26604.2	27637.8
65°	1776.2	1924.8	2155.1	2127.8	1897.5	2067.2	3185.7	10017.9	21551.3	24282.3	25370.5
67.5°	1594.4	1715.6	1861.1	1821.7	1706.5	1900.5	2855.3	8638.7	18786.9	21493.7	22863.8
70°	1409.5	1503.4	1576.2	1548.9	1512.5	1736.8	2561.3	7011.0	16137.7	18844.5	20172.1
72.5°	1221.5	1309.4	1370.1	1330.7	1309.4	1564.1	2321.8	5440.9	12745.9	15546.6	17253.2
75°	1021.5	1109.4	1151.8	1106.4	1094.2	1379.2	1967.2	4064.7	9563.2	11985.1	13458.2
77.5°	791.1	885.1	939.6	924.5	930.6	1133.6	1588.3	2782.6	6838.2	8168.9	9720.8
80°	554.7	657.8	694.1	679.0	721.4	863.9	1121.5	1767.1	4716.4	5301.4	6395.7
82.5°	342.5	439.5	445.6	460.7	491.0	639.6	845.7	1076.0	2961.4	3061.4	3855.6
85°	172.8	209.1	224.3	248.6	275.8	391.0	481.9	666.8	1906.6	1442.8	2155.1
87.5°	57.6	60.6	72.7	90.9	112.2	160.6	206.1	272.8	472.9	260.7	666.8
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°	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4	11530.4
2.5°	12909.6	13167.2	13355.1	13527.9	13361.2	13346.0	13182.4	12918.7	12809.5	12809.5
5°	13670.4	14273.6	14761.6	15073.8	14940.4	14619.1	14088.7	13412.7	13049.0	12985.3
7.5°	13879.5	15070.8	15977.1	16298.4	16074.1	15364.8	14349.3	13209.6	12688.3	12573.1
10°	13752.2	15301.1	16631.8	17141.0	16828.8	15755.8	14370.6	12973.2	12330.6	12197.2
12.5°	13618.8	15331.4	16753.0	17489.6	17286.5	16071.0	14525.2	12818.6	12076.0	11885.0
15°	13715.8	15343.6	16604.5	17365.3	17495.7	16449.9	14779.8	12930.8	12024.5	11821.4
17.5°	14328.1	15573.9	16392.3	17007.6	17465.3	16965.2	15504.2	13467.3	12485.2	12233.6
20°	15607.3	16125.6	16513.6	16989.5	17726.0	18017.0	16986.4	14940.4	13779.5	13558.2
22.5°	19311.3	19217.3	18423.2	18414.1	19481.0	20648.0	20578.3	17935.2	16189.2	16007.4
25°	20699.6	20263.1	19114.3	18835.4	19305.2	21105.7	20845.0	18547.5	16934.9	16492.4
27.5°	20157.0	19074.9	18320.1	18256.5	18101.9	19802.3	20429.8	18796.0	17195.6	16765.2
30°	20123.6	18532.3	17453.2	17580.5	17729.1	19353.7	20660.1	19575.0	17862.4	17401.7
32.5°	20205.5	18608.1	17516.9	17541.1	17983.7	19420.4	20914.8	20423.7	18738.4	18277.7
35°	20535.9	19038.5	17923.0	17865.5	18556.5	19856.9	21348.2	21757.4	19935.7	19411.3
37.5°	21069.4	19896.3	18665.7	18650.5	19653.8	20645.0	21887.8	23103.2	21126.9	20563.2
40°	21854.4	20899.6	19987.2	19905.4	21145.1	21927.2	22587.9	24537.0	22512.2	21787.7
42.5°	22803.2	22103.0	21730.1	22054.5	23245.7	23366.9	23679.2	25861.6	23691.3	22848.6
45°	23682.2	23648.8	24167.2	25028.0	25722.1	24994.7	24818.9	26749.7	24606.7	23691.3
47.5°	24727.9	25631.2	27195.3	28456.2	29183.7	26889.1	25791.8	27328.6	25273.5	24430.9
50°	25788.8	28004.6	30502.2	32260.3	32414.9	28947.2	26461.7	27874.2	25879.7	25003.8
52.5°	26904.3	29899.0	33224.2	35267.1	34967.1	30738.6	27110.4	28244.0	26504.2	25734.3
55°	27874.2	31059.9	34745.8	36706.9	36267.4	31829.8	27810.6	28644.1	27395.3	26746.6
57.5°	28416.8	31156.9	34366.9	36079.5	35603.6	31617.7	28131.9	28941.2	27965.2	27455.9
58°	28495.6	31026.6	34030.4	35715.7	35230.8	31438.8	28128.8	28929.1	28001.5	27489.3
60°	28425.9	30180.9	32778.6	34279.0	33769.8	30317.3	28013.7	28701.7	27540.8	27107.4
62.5°	27780.3	28713.8	30617.4	31708.6	31563.1	28565.3	27540.8	27843.9	26137.4	25719.1
65°	26931.5	26713.3	27850.0	28622.9	28732.0	27252.8	27071.0	25988.9	24336.9	23745.8
67.5°	25901.0	24446.0	24443.0	24882.5	25064.4	25234.1	26091.9	23973.2	21742.3	21117.8
70°	24152.0	20951.1	19987.2	20505.6	20354.0	21787.7	24343.0	21142.1	18614.1	17883.6
72.5°	20945.1	16625.7	15082.9	15749.7	15367.8	17086.5	21299.7	17398.7	15392.1	14494.8
75°	16977.3	12436.7	10845.4	11457.7	11221.2	12961.1	17723.0	12636.8	11039.4	10696.8
77.5°	13182.4	9011.5	8087.0	8002.2	8178.0	9645.0	13000.5	8532.6	7277.7	7044.3
80°	8469.0	6450.2	6504.8	6395.7	6486.6	6080.4	7893.1	5443.9	4928.6	4740.7
82.5°	5574.2	4495.2	5359.0	4946.8	4698.2	4089.0	5177.2	3564.6	3025.1	2922.0
85°	3798.0	3310.0	3012.9	2303.7	2712.9	3149.3	3882.9	1918.7	1521.6	1379.2
87.5°	1715.6	1151.8	845.7	521.4	824.5	951.8	1885.4	224.3	172.8	178.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)