

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: P649095

Luminaire Tested: **GLAN-SA8C-835-U-SLL-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P649095
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: STREETWORKS
Catalog Number: GLAN-SA8C-835-U-SLL-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 80 CRI, 3500K, 1050mA 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: 33105.2 lumens
Efficiency: N/A
Efficacy: 77.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B4 - U0 - G3

Input Watts (W): 429
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

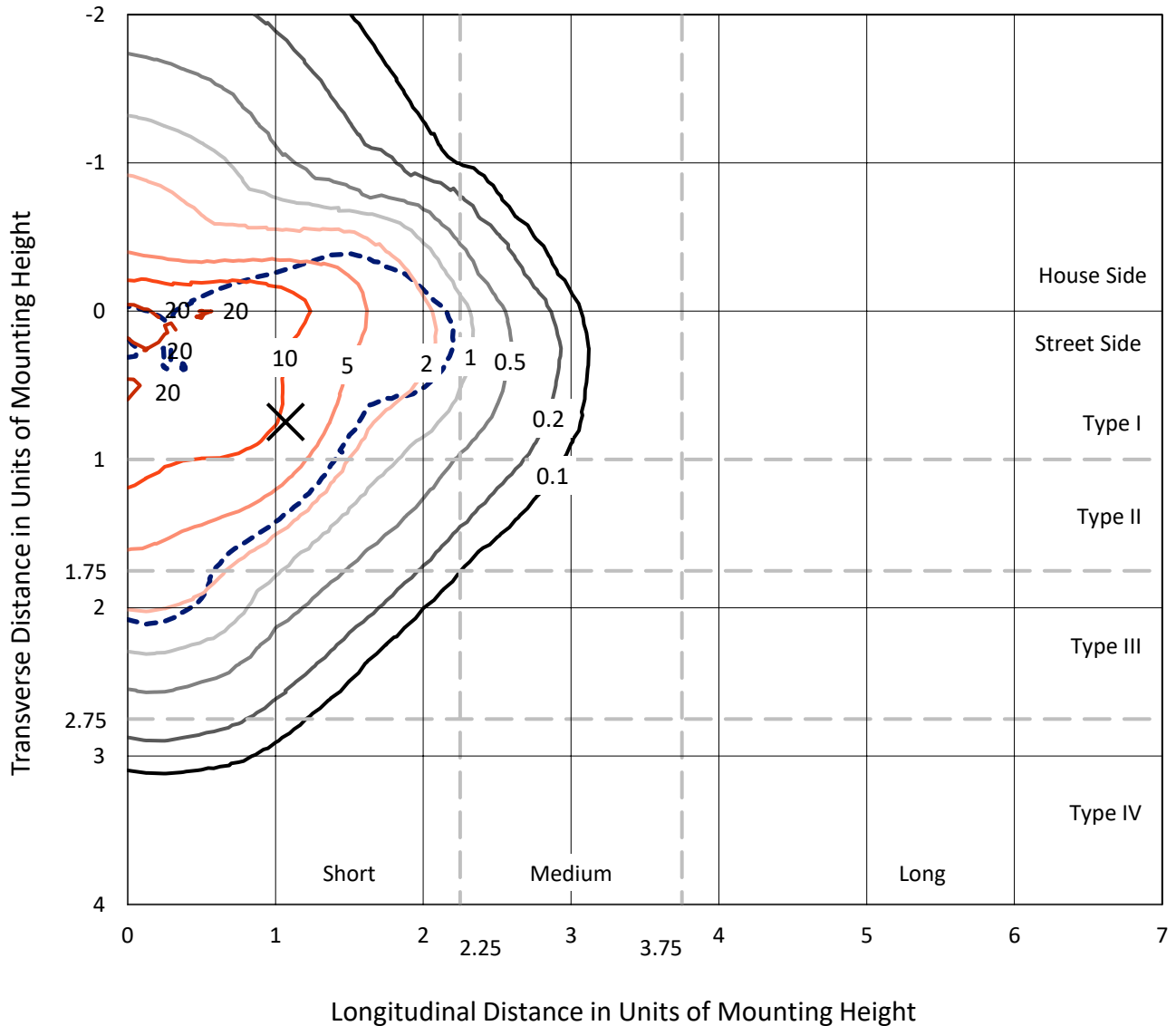




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Iso-Footcandle Lines of Horizontal Illumination

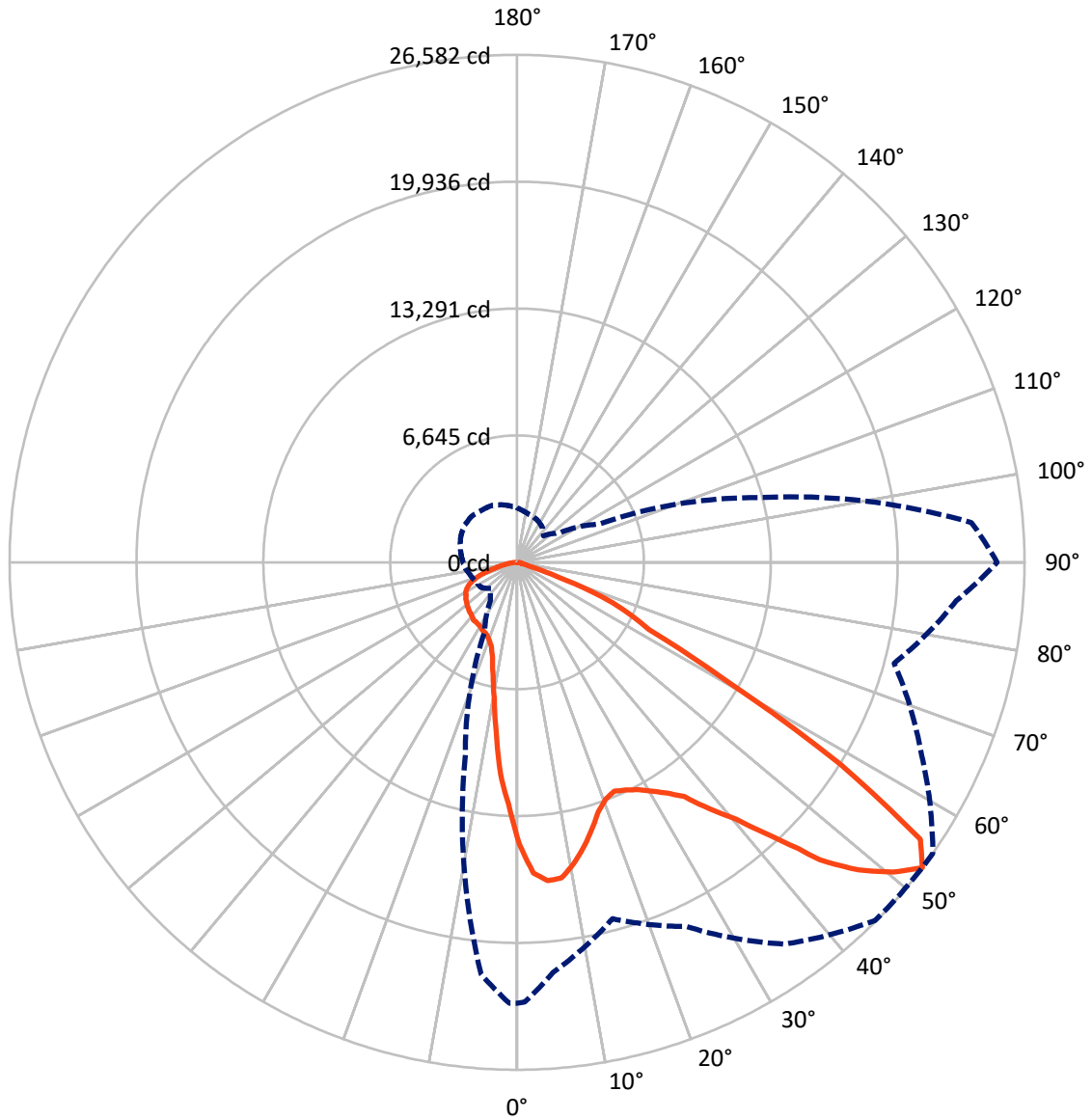
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 25.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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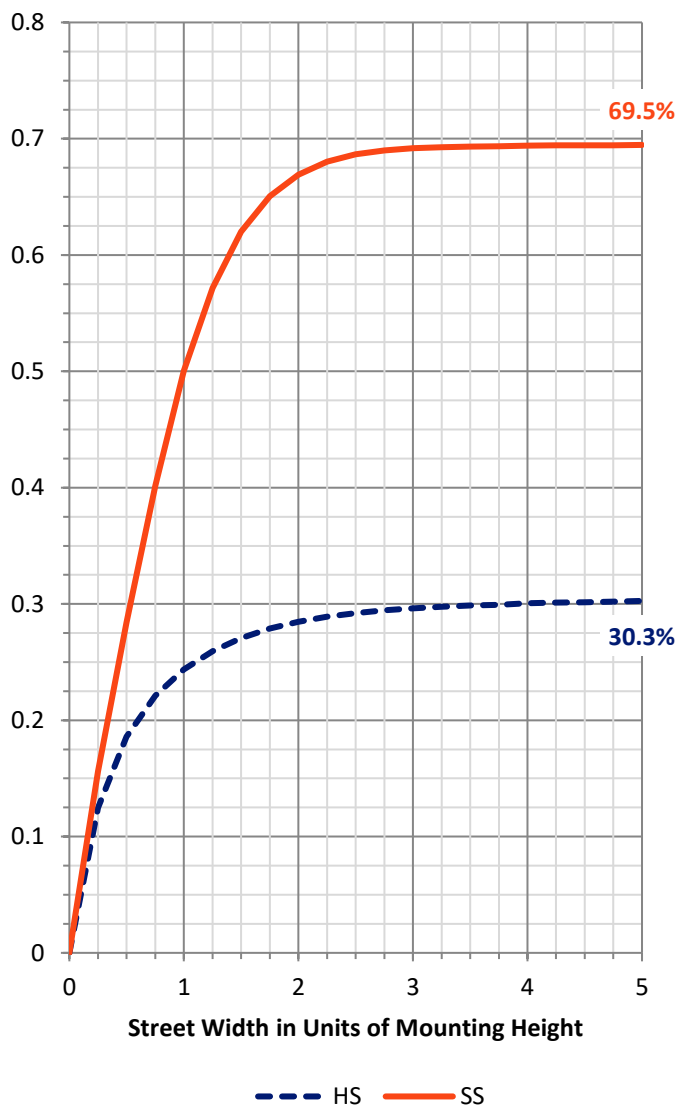
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 10098.9 | 0.0 | 10098.9 |
| | % Fixture | 30.5 | 0.0 | 30.5 |
| Street Side | Lumens | 23006.3 | 0.0 | 23006.3 |
| | % Fixture | 69.5 | 0.0 | 69.5 |
| Total | Lumens | 33105.2 | 0.0 | 33105.2 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 1128.2 | 3.4 |
| 10°-20° | 2432.6 | 7.3 |
| 20°-30° | 3688.6 | 11.1 |
| 30°-40° | 5329.4 | 16.1 |
| 40°-50° | 7121.5 | 21.5 |
| 50°-60° | 7949.2 | 24.0 |
| 60°-70° | 4360.5 | 13.2 |
| 70°-80° | 942.7 | 2.8 |
| 80°-90° | 152.5 | 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° | 33105.2 | 100.0 |
| 0°-180° | 33105.2 | 100.0 |

Coefficient of Utilization



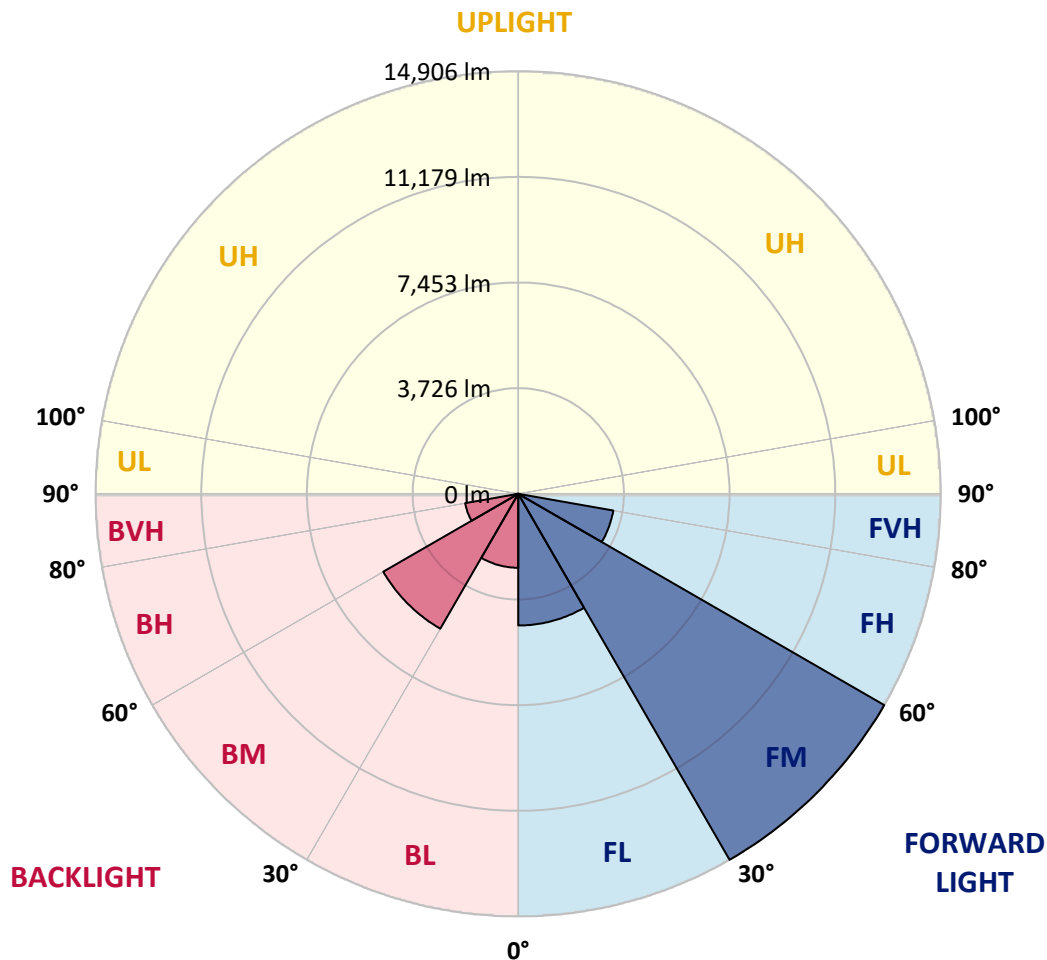
REPORT NUMBER: P649095
 CATALOG NUMBER: GLAN-SA8C-835-U-SLL-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 4642.0 | 14.0 | | | |
| FM (30°-60°) | 14905.5 | 45.0 | | | |
| FH (60°-80°) | 3402.4 | 10.3 | | | G2/5000 |
| FVH (80°-90°) | 56.5 | 0.2 | | | G1/100 |
| BL (0°-30°) | 2607.4 | 7.9 | B4/5000 | | |
| BM (30°-60°) | 5494.6 | 16.6 | B4/8500 | | |
| BH (60°-80°) | 1900.8 | 5.7 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 96.0 | 0.3 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B4-U0-G3

Type II Short





REPORT NUMBER: P649095

CATALOG NUMBER: GLAN-SA8C-835-U-SLL-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 |
| 2.5° | 15497.4 | 15410.4 | 15487.7 | 15855.1 | 16067.8 | 16212.8 | 16304.6 | 16290.2 | 15942.1 | 15603.8 | 15603.8 |
| 5° | 15043.0 | 14931.9 | 15091.4 | 15922.8 | 16759.0 | 16831.6 | 16952.4 | 16754.2 | 16241.8 | 15623.1 | 14849.7 |
| 7.5° | 13728.2 | 13810.4 | 14076.2 | 15168.7 | 16256.3 | 16802.6 | 16947.6 | 16696.2 | 15864.8 | 14709.5 | 13573.5 |
| 10° | 12592.3 | 12785.6 | 13399.5 | 14579.0 | 15579.6 | 16290.2 | 16449.7 | 16096.8 | 15439.4 | 14023.1 | 13008.0 |
| 12.5° | 12200.7 | 12079.9 | 12761.4 | 13940.9 | 14898.0 | 15279.9 | 15352.4 | 15376.6 | 14931.9 | 13675.0 | 12437.6 |
| 15° | 12152.4 | 12229.7 | 12761.4 | 13655.7 | 14245.4 | 14264.8 | 14385.6 | 14574.1 | 14632.2 | 13911.9 | 12703.5 |
| 17.5° | 12848.5 | 12756.6 | 13302.9 | 14013.4 | 13733.0 | 13452.6 | 13481.7 | 13752.4 | 14230.9 | 14114.9 | 13539.7 |
| 20° | 13878.0 | 14085.9 | 14516.1 | 14443.6 | 13689.6 | 12978.9 | 12983.8 | 13240.0 | 14182.6 | 14956.0 | 14704.7 |
| 22.5° | 15589.3 | 15792.2 | 16111.3 | 15236.4 | 13689.6 | 12838.8 | 12674.4 | 13022.5 | 14492.0 | 15956.6 | 16019.5 |
| 25° | 17150.6 | 17522.8 | 17609.8 | 16580.2 | 14376.0 | 12969.3 | 12863.0 | 13206.2 | 14801.4 | 16933.1 | 17527.6 |
| 27.5° | 18571.7 | 18707.1 | 19089.0 | 17445.5 | 14757.8 | 13056.3 | 13046.7 | 13486.5 | 15192.9 | 17421.3 | 18876.3 |
| 30° | 19693.2 | 19678.7 | 19896.3 | 17991.7 | 15366.9 | 13544.5 | 13075.6 | 13907.1 | 15705.3 | 18228.6 | 20123.4 |
| 32.5° | 20457.0 | 20621.3 | 21080.6 | 18750.6 | 15623.1 | 14008.6 | 13641.2 | 14400.2 | 16328.8 | 18610.4 | 21003.2 |
| 35° | 21800.8 | 22086.0 | 21506.0 | 19171.1 | 16435.2 | 14467.8 | 14037.5 | 15072.0 | 16638.2 | 19026.1 | 22081.1 |
| 37.5° | 23067.3 | 22849.7 | 22260.0 | 19398.4 | 16962.1 | 15318.5 | 14917.3 | 16372.4 | 17600.1 | 19930.1 | 22796.6 |
| 40° | 23879.4 | 23874.5 | 22825.5 | 19582.0 | 17334.3 | 16618.9 | 16594.7 | 17692.0 | 18779.6 | 20500.5 | 23599.0 |
| 42.5° | 24232.2 | 24570.6 | 23057.6 | 19562.7 | 18117.4 | 18194.7 | 18682.9 | 19664.2 | 19615.9 | 20616.5 | 23579.7 |
| 44° | 24715.6 | 24918.7 | 23458.8 | 19606.2 | 18639.5 | 19258.2 | 20408.7 | 21032.2 | 20345.8 | 20553.7 | 23555.5 |
| 45° | 24696.3 | 24710.8 | 22888.4 | 19664.2 | 19084.1 | 20147.6 | 21177.3 | 22231.0 | 20988.7 | 20418.3 | 23874.5 |
| 47.5° | 24130.7 | 23966.4 | 22405.0 | 19234.0 | 20471.5 | 22496.8 | 23449.1 | 24087.2 | 21781.5 | 20128.3 | 23478.2 |
| 50° | 23014.1 | 22825.5 | 21230.4 | 19050.3 | 20761.5 | 23956.7 | 25271.5 | 25503.6 | 22501.7 | 19843.1 | 23086.6 |
| 52.5° | 23091.5 | 23038.3 | 21563.9 | 19325.8 | 21051.5 | 24415.9 | 26523.5 | 26581.5 | 23318.6 | 20442.5 | 23091.5 |
| 55° | 24473.9 | 24290.2 | 22521.0 | 19669.0 | 20838.8 | 23879.4 | 25725.9 | 25624.4 | 23043.1 | 20080.0 | 23516.8 |
| 57.5° | 22395.4 | 22516.2 | 21196.6 | 18310.8 | 18238.2 | 19412.8 | 20225.0 | 19973.5 | 19229.1 | 18122.2 | 21878.1 |
| 60° | 18069.1 | 18412.2 | 18537.9 | 15313.8 | 13762.1 | 13157.8 | 12916.1 | 12471.4 | 12597.1 | 14888.4 | 19219.5 |
| 62.5° | 15497.4 | 15478.1 | 16266.0 | 13882.9 | 9015.1 | 7753.6 | 7637.5 | 7739.0 | 9189.2 | 14656.4 | 18823.1 |
| 65° | 12287.7 | 12616.4 | 12858.1 | 11765.7 | 7134.8 | 5757.2 | 5752.3 | 6395.2 | 7951.8 | 12249.0 | 15197.7 |
| 67.5° | 7801.9 | 8232.1 | 8531.8 | 7526.4 | 4771.1 | 4099.2 | 3988.0 | 4761.3 | 5510.6 | 8033.9 | 9150.5 |
| 70° | 4398.8 | 4601.8 | 4737.2 | 4340.8 | 3035.7 | 2126.9 | 2001.2 | 2184.9 | 3330.6 | 5201.2 | 5423.6 |
| 72.5° | 1696.7 | 1788.5 | 1972.2 | 1986.7 | 1145.6 | 686.4 | 555.9 | 667.0 | 1401.8 | 2059.2 | 1962.6 |
| 75° | 261.1 | 280.4 | 396.4 | 473.7 | 328.7 | 251.3 | 265.8 | 275.5 | 391.6 | 531.7 | 444.7 |
| 77.5° | 125.7 | 125.7 | 120.8 | 140.2 | 164.4 | 178.8 | 193.3 | 212.7 | 232.0 | 256.2 | 246.6 |
| 80° | 82.2 | 82.2 | 82.2 | 96.7 | 120.8 | 145.0 | 164.4 | 174.0 | 183.7 | 203.0 | 193.3 |
| 82.5° | 53.2 | 53.2 | 53.2 | 72.5 | 96.7 | 120.8 | 130.5 | 154.7 | 174.0 | 203.0 | 188.5 |
| 85° | 29.0 | 29.0 | 29.0 | 48.3 | 72.5 | 101.5 | 96.7 | 77.4 | 43.5 | 4.9 | 9.6 |
| 87.5° | 9.6 | 9.6 | 9.6 | 9.6 | 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 |



REPORT NUMBER: P649095

CATALOG NUMBER: GLAN-SA8C-835-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 |
| 2.5° | 15197.7 | 14975.3 | 14956.0 | 14501.6 | 14095.6 | 13897.4 | 13737.9 | 13293.1 | 13389.8 | 13133.7 | 13128.8 |
| 5° | 14462.9 | 14008.6 | 13273.8 | 12669.6 | 12065.3 | 11944.5 | 11417.6 | 10958.4 | 10972.9 | 10644.2 | 10702.2 |
| 7.5° | 13143.3 | 12829.1 | 11934.9 | 10987.4 | 10185.0 | 9614.6 | 9116.7 | 8817.0 | 8435.1 | 8304.6 | 8236.9 |
| 10° | 12307.0 | 11920.3 | 10914.9 | 9725.8 | 8826.7 | 8522.1 | 8043.6 | 7777.7 | 7386.2 | 7192.8 | 7057.5 |
| 12.5° | 11939.7 | 11374.1 | 10117.3 | 8908.8 | 8309.4 | 7995.2 | 7589.2 | 7105.8 | 6641.7 | 6462.9 | 6216.4 |
| 15° | 11978.3 | 11301.6 | 9885.3 | 8580.1 | 7859.9 | 7250.8 | 6888.3 | 6351.7 | 5878.0 | 5563.8 | 5384.9 |
| 17.5° | 12563.2 | 11741.5 | 9991.6 | 8328.8 | 7294.3 | 6530.5 | 5820.0 | 5239.9 | 4862.9 | 4626.0 | 4568.0 |
| 20° | 13945.7 | 12829.1 | 10170.5 | 7922.7 | 6728.8 | 5776.5 | 4901.6 | 4297.3 | 4007.3 | 4002.5 | 4007.3 |
| 22.5° | 15096.2 | 13989.2 | 10533.0 | 7681.0 | 6163.2 | 4809.7 | 3939.6 | 3746.3 | 3688.2 | 3809.1 | 3823.6 |
| 25° | 16647.9 | 15294.4 | 11156.6 | 7555.3 | 5641.1 | 4099.2 | 3562.6 | 3490.1 | 3485.2 | 3639.9 | 3644.7 |
| 27.5° | 18238.2 | 16435.2 | 11528.8 | 7187.9 | 5109.4 | 3731.8 | 3335.3 | 3320.9 | 3398.2 | 3562.6 | 3548.1 |
| 30° | 19321.0 | 17392.3 | 12200.7 | 6748.1 | 4481.0 | 3407.9 | 3243.5 | 3262.8 | 3369.2 | 3494.9 | 3514.3 |
| 32.5° | 20582.6 | 18334.9 | 12374.8 | 6506.4 | 4094.3 | 3137.2 | 3021.2 | 3064.7 | 3200.0 | 3398.2 | 3504.6 |
| 35° | 22028.0 | 19002.0 | 12640.6 | 6177.7 | 3949.3 | 2929.4 | 2871.3 | 2919.7 | 3084.0 | 3214.5 | 3330.6 |
| 37.5° | 23096.3 | 20181.4 | 12688.9 | 5921.5 | 3789.8 | 2813.3 | 2721.5 | 2881.0 | 2977.7 | 3161.4 | 3219.4 |
| 40° | 23889.0 | 21037.0 | 12814.6 | 5762.0 | 3664.0 | 2663.5 | 2663.5 | 2769.8 | 2900.3 | 3069.5 | 3185.6 |
| 42.5° | 24396.6 | 21660.6 | 12906.4 | 5616.9 | 3422.4 | 2620.0 | 2595.8 | 2702.1 | 2876.2 | 3040.5 | 3093.7 |
| 44° | 24705.9 | 21926.5 | 12814.6 | 5481.6 | 3354.7 | 2566.8 | 2566.8 | 2658.6 | 2794.0 | 2987.3 | 3050.2 |
| 45° | 24783.3 | 22260.0 | 12611.6 | 5476.8 | 3272.5 | 2504.0 | 2494.2 | 2668.3 | 2760.2 | 2997.0 | 3035.7 |
| 47.5° | 25083.0 | 22670.9 | 12635.7 | 5322.1 | 3074.4 | 2354.1 | 2523.3 | 2600.7 | 2682.8 | 2890.7 | 3021.2 |
| 50° | 25073.3 | 22927.1 | 12582.6 | 5094.9 | 2929.4 | 2184.9 | 2465.3 | 2552.3 | 2634.5 | 2847.1 | 2900.3 |
| 52.5° | 25141.0 | 23884.2 | 13070.8 | 4732.4 | 2668.3 | 1967.4 | 2272.0 | 2465.3 | 2566.8 | 2745.7 | 2856.9 |
| 55° | 25107.1 | 24430.4 | 13554.2 | 4461.7 | 2300.9 | 1836.8 | 2107.6 | 2334.7 | 2479.8 | 2668.3 | 2721.5 |
| 57.5° | 22932.0 | 21592.9 | 12543.9 | 3954.2 | 1904.6 | 1682.2 | 1875.5 | 2199.4 | 2383.1 | 2576.5 | 2644.1 |
| 60° | 18736.1 | 16643.1 | 10344.5 | 2910.0 | 1566.2 | 1546.8 | 1745.0 | 2155.9 | 2233.3 | 2402.4 | 2518.4 |
| 62.5° | 17314.9 | 14598.3 | 8203.1 | 2223.6 | 1339.0 | 1416.3 | 1609.7 | 1948.0 | 2068.9 | 2276.7 | 2383.1 |
| 65° | 13549.3 | 9696.8 | 5080.4 | 1503.4 | 1179.4 | 1271.3 | 1455.0 | 1706.4 | 1904.6 | 2097.9 | 2223.6 |
| 67.5° | 8024.3 | 5297.9 | 2513.6 | 1053.8 | 1029.6 | 1126.3 | 1314.8 | 1503.4 | 1730.5 | 1943.2 | 2006.0 |
| 70° | 4369.8 | 2605.4 | 1073.1 | 802.4 | 874.9 | 961.9 | 1145.6 | 1276.1 | 1493.7 | 1658.0 | 1764.3 |
| 72.5° | 1401.8 | 792.8 | 536.6 | 594.5 | 667.0 | 768.6 | 879.8 | 1039.3 | 1194.0 | 1290.6 | 1377.7 |
| 75° | 338.3 | 333.6 | 381.9 | 415.7 | 483.4 | 560.7 | 652.6 | 734.8 | 855.6 | 947.4 | 1024.8 |
| 77.5° | 236.9 | 256.2 | 294.9 | 343.2 | 367.4 | 396.4 | 454.4 | 517.2 | 570.4 | 638.1 | 686.4 |
| 80° | 183.7 | 198.2 | 227.2 | 251.3 | 275.5 | 299.7 | 328.7 | 352.9 | 386.7 | 430.2 | 454.4 |
| 82.5° | 174.0 | 183.7 | 212.7 | 227.2 | 217.5 | 212.7 | 232.0 | 241.7 | 246.6 | 261.1 | 275.5 |
| 85° | 14.5 | 0.0 | 9.6 | 33.8 | 82.2 | 120.8 | 130.5 | 130.5 | 125.7 | 135.4 | 135.4 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.9 | 19.3 | 14.5 |
| 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° | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 |
| 2.5° | 13070.8 | 12906.4 | 12969.3 | 13046.7 | 12935.5 | 12679.3 | 12746.9 | 12718.0 | 12978.9 | 12959.6 | 13220.6 |
| 5° | 10958.4 | 10702.2 | 10731.2 | 11108.3 | 10987.4 | 11117.9 | 10856.9 | 10823.0 | 10871.4 | 10895.5 | 10939.1 |
| 7.5° | 8386.8 | 8353.0 | 8643.0 | 8962.0 | 9111.8 | 8957.2 | 8701.0 | 8643.0 | 8589.8 | 8483.5 | 8725.1 |
| 10° | 6844.8 | 6854.5 | 6835.1 | 7076.8 | 7246.0 | 7212.1 | 7057.5 | 7038.2 | 6936.6 | 6897.9 | 7033.3 |
| 12.5° | 6110.0 | 5979.5 | 5916.7 | 5839.3 | 5969.8 | 6056.8 | 5989.2 | 5940.9 | 5945.6 | 5994.0 | 6013.4 |
| 15° | 5399.4 | 5317.3 | 5181.9 | 5094.9 | 5157.8 | 5114.2 | 5090.0 | 5186.7 | 5162.6 | 5152.9 | 5269.0 |
| 17.5° | 4601.8 | 4669.5 | 4659.9 | 4563.2 | 4645.4 | 4611.6 | 4606.7 | 4539.0 | 4447.2 | 4379.5 | 4418.2 |
| 20° | 4075.0 | 4200.6 | 4297.3 | 4302.1 | 4345.7 | 4340.8 | 4268.3 | 4060.5 | 3992.8 | 3978.3 | 3988.0 |
| 22.5° | 3886.4 | 3954.2 | 4070.1 | 4234.5 | 4234.5 | 4157.1 | 4070.1 | 3828.4 | 3765.6 | 3698.0 | 3668.9 |
| 25° | 3736.6 | 3867.1 | 4016.9 | 4036.3 | 4113.6 | 4041.1 | 3900.9 | 3780.1 | 3649.6 | 3557.7 | 3557.7 |
| 27.5° | 3659.3 | 3804.3 | 3915.5 | 3949.3 | 4055.6 | 3997.6 | 3852.6 | 3698.0 | 3543.2 | 3538.4 | 3456.2 |
| 30° | 3625.4 | 3760.7 | 3833.3 | 3915.5 | 3963.8 | 3871.9 | 3828.4 | 3664.0 | 3509.4 | 3470.7 | 3335.3 |
| 32.5° | 3523.9 | 3717.2 | 3852.6 | 3833.3 | 3871.9 | 3833.3 | 3770.5 | 3635.1 | 3461.1 | 3374.0 | 3359.5 |
| 35° | 3407.9 | 3601.3 | 3746.3 | 3847.7 | 3871.9 | 3789.8 | 3751.1 | 3567.4 | 3330.6 | 3287.0 | 3137.2 |
| 37.5° | 3345.1 | 3461.1 | 3639.9 | 3804.3 | 3838.1 | 3794.6 | 3664.0 | 3475.6 | 3238.7 | 3190.3 | 3059.8 |
| 40° | 3267.7 | 3417.6 | 3557.7 | 3693.1 | 3794.6 | 3688.2 | 3538.4 | 3354.7 | 3248.4 | 3103.3 | 3064.7 |
| 42.5° | 3209.7 | 3378.9 | 3494.9 | 3644.7 | 3760.7 | 3620.6 | 3446.5 | 3320.9 | 3171.0 | 3074.4 | 2963.2 |
| 44° | 3190.3 | 3345.1 | 3422.4 | 3606.1 | 3702.7 | 3596.4 | 3451.4 | 3320.9 | 3146.9 | 3059.8 | 2963.2 |
| 45° | 3122.7 | 3335.3 | 3417.6 | 3581.9 | 3664.0 | 3577.1 | 3393.4 | 3262.8 | 3137.2 | 3030.8 | 2929.4 |
| 47.5° | 3055.0 | 3200.0 | 3340.2 | 3470.7 | 3528.7 | 3499.7 | 3345.1 | 3185.6 | 3035.7 | 2972.8 | 2876.2 |
| 50° | 3035.7 | 3180.7 | 3311.2 | 3432.0 | 3499.7 | 3441.8 | 3301.5 | 3146.9 | 2972.8 | 2871.3 | 2789.1 |
| 52.5° | 2939.0 | 3117.8 | 3262.8 | 3301.5 | 3388.5 | 3354.7 | 3248.4 | 3079.1 | 2914.8 | 2827.8 | 2760.2 |
| 55° | 2798.8 | 2987.3 | 3185.6 | 3233.9 | 3359.5 | 3306.4 | 3146.9 | 2987.3 | 2847.1 | 2716.6 | 2629.6 |
| 57.5° | 2745.7 | 2929.4 | 3122.7 | 3185.6 | 3262.8 | 3175.8 | 3137.2 | 2968.0 | 2745.7 | 2677.9 | 2542.6 |
| 60° | 2610.3 | 2842.3 | 3001.9 | 3146.9 | 3151.7 | 3127.5 | 3059.8 | 2866.5 | 2682.8 | 2557.1 | 2460.4 |
| 62.5° | 2504.0 | 2721.5 | 2847.1 | 2982.5 | 3064.7 | 2997.0 | 2929.4 | 2750.4 | 2552.3 | 2412.1 | 2300.9 |
| 65° | 2349.2 | 2547.5 | 2653.8 | 2736.0 | 2827.8 | 2818.2 | 2702.1 | 2571.6 | 2363.8 | 2252.6 | 2146.2 |
| 67.5° | 2112.4 | 2286.4 | 2431.4 | 2508.8 | 2566.8 | 2552.3 | 2465.3 | 2373.4 | 2160.8 | 2049.6 | 1972.2 |
| 70° | 1827.2 | 2006.0 | 2097.9 | 2141.4 | 2199.4 | 2228.4 | 2160.8 | 2117.2 | 1928.7 | 1783.7 | 1711.2 |
| 72.5° | 1469.5 | 1585.5 | 1720.9 | 1759.6 | 1783.7 | 1803.0 | 1803.0 | 1764.3 | 1571.0 | 1513.0 | 1387.3 |
| 75° | 1082.8 | 1174.7 | 1276.1 | 1276.1 | 1319.7 | 1324.4 | 1334.2 | 1310.0 | 1164.9 | 1087.6 | 1058.6 |
| 77.5° | 734.8 | 802.4 | 884.6 | 918.5 | 947.4 | 942.6 | 937.8 | 870.1 | 792.8 | 758.9 | 729.9 |
| 80° | 478.6 | 546.2 | 584.9 | 628.4 | 657.4 | 652.6 | 662.3 | 613.9 | 580.0 | 522.0 | 531.7 |
| 82.5° | 285.2 | 338.3 | 377.0 | 430.2 | 430.2 | 444.7 | 444.7 | 430.2 | 396.4 | 367.4 | 367.4 |
| 85° | 135.4 | 178.8 | 203.0 | 236.9 | 256.2 | 261.1 | 232.0 | 198.2 | 164.4 | 149.9 | 164.4 |
| 87.5° | 24.2 | 33.8 | 48.3 | 43.5 | 53.2 | 48.3 | 48.3 | 48.3 | 48.3 | 38.7 | 43.5 |
| 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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CATALOG NUMBER: GLAN-SA8C-835-U-SLL-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 | 14767.5 |
| 2.5° | 13123.9 | 13365.7 | 13534.9 | 13815.3 | 14298.6 | 14685.3 | 15081.7 | 15376.6 | 15410.4 | 15497.4 |
| 5° | 11098.6 | 11229.1 | 11659.3 | 12220.0 | 12616.4 | 13269.0 | 13689.6 | 14453.3 | 14738.5 | 15043.0 |
| 7.5° | 8667.1 | 8879.8 | 9455.0 | 9832.1 | 10702.2 | 11519.1 | 12365.1 | 13307.6 | 13684.7 | 13728.2 |
| 10° | 7308.8 | 7618.2 | 8009.7 | 8613.9 | 9087.7 | 9996.5 | 11050.2 | 12099.2 | 12519.8 | 12592.3 |
| 12.5° | 6419.4 | 6815.8 | 7337.8 | 7772.8 | 8227.3 | 9020.0 | 10030.3 | 11325.8 | 11872.0 | 12200.7 |
| 15° | 5563.8 | 5974.7 | 6549.9 | 7154.1 | 7555.3 | 8502.8 | 9691.9 | 11151.7 | 11862.4 | 12152.4 |
| 17.5° | 4684.1 | 5065.9 | 5539.6 | 6192.2 | 6999.5 | 8062.9 | 9638.7 | 11731.8 | 12510.1 | 12848.5 |
| 20° | 3930.0 | 4142.6 | 4693.7 | 5365.6 | 6375.9 | 7613.3 | 9658.1 | 12587.4 | 13728.2 | 13878.0 |
| 22.5° | 3635.1 | 3683.4 | 3900.9 | 4519.7 | 5626.6 | 7154.1 | 10001.3 | 13800.7 | 15096.2 | 15589.3 |
| 25° | 3407.9 | 3398.2 | 3456.2 | 3871.9 | 5080.4 | 6975.3 | 10339.7 | 14917.3 | 16614.0 | 17150.6 |
| 27.5° | 3282.2 | 3185.6 | 3190.3 | 3581.9 | 4693.7 | 6685.3 | 10774.7 | 16198.3 | 18334.9 | 18571.7 |
| 30° | 3219.4 | 3200.0 | 3142.0 | 3301.5 | 4273.1 | 6250.2 | 10847.2 | 17460.0 | 19350.0 | 19693.2 |
| 32.5° | 3180.7 | 2992.2 | 2919.7 | 2977.7 | 3876.8 | 5776.5 | 11117.9 | 18291.4 | 20606.8 | 20457.0 |
| 35° | 2987.3 | 2818.2 | 2769.8 | 2827.8 | 3596.4 | 5510.6 | 10939.1 | 19016.5 | 21549.4 | 21800.8 |
| 37.5° | 2914.8 | 2765.0 | 2668.3 | 2620.0 | 3335.3 | 5288.2 | 10847.2 | 20133.1 | 22463.0 | 23067.3 |
| 40° | 2847.1 | 2687.6 | 2571.6 | 2523.3 | 3132.4 | 4993.4 | 10818.2 | 20993.6 | 23516.8 | 23879.4 |
| 42.5° | 2769.8 | 2668.3 | 2537.8 | 2450.8 | 2885.8 | 4698.5 | 10484.7 | 21259.4 | 23840.7 | 24232.2 |
| 44° | 2745.7 | 2590.9 | 2455.6 | 2426.6 | 2789.1 | 4548.7 | 10417.0 | 21501.1 | 24121.0 | 24715.6 |
| 45° | 2721.5 | 2576.5 | 2421.7 | 2383.1 | 2755.3 | 4466.5 | 10325.2 | 21559.1 | 24585.1 | 24696.3 |
| 47.5° | 2653.8 | 2562.0 | 2412.1 | 2305.8 | 2682.8 | 4287.6 | 10049.6 | 21230.4 | 24111.4 | 24130.7 |
| 50° | 2600.7 | 2494.2 | 2339.6 | 2131.7 | 2586.1 | 4137.8 | 10175.3 | 21109.5 | 22970.6 | 23014.1 |
| 52.5° | 2542.6 | 2383.1 | 2296.1 | 1938.4 | 2426.6 | 4012.1 | 10441.1 | 21655.7 | 23101.1 | 23091.5 |
| 55° | 2475.0 | 2300.9 | 2088.3 | 1774.0 | 2160.8 | 3852.6 | 11084.1 | 22733.7 | 24309.6 | 24473.9 |
| 57.5° | 2368.6 | 2218.8 | 1914.2 | 1629.0 | 1856.2 | 3548.1 | 10876.3 | 20669.6 | 22366.3 | 22395.4 |
| 60° | 2228.4 | 2088.3 | 1735.4 | 1517.8 | 1522.7 | 2798.8 | 9725.8 | 16106.5 | 17648.5 | 18069.1 |
| 62.5° | 2093.0 | 2015.8 | 1585.5 | 1358.3 | 1295.5 | 2228.4 | 8222.4 | 13385.0 | 15149.4 | 15497.4 |
| 65° | 1933.5 | 1745.0 | 1455.0 | 1237.5 | 1111.8 | 1561.4 | 5824.8 | 10001.3 | 11818.8 | 12287.7 |
| 67.5° | 1730.5 | 1527.5 | 1281.0 | 1087.6 | 952.3 | 1044.1 | 3006.6 | 5684.7 | 7526.4 | 7801.9 |
| 70° | 1513.0 | 1324.4 | 1078.0 | 918.5 | 768.6 | 720.3 | 1324.4 | 2711.8 | 4113.6 | 4398.8 |
| 72.5° | 1242.3 | 1068.3 | 860.4 | 725.1 | 575.3 | 497.9 | 444.7 | 725.1 | 1459.8 | 1696.7 |
| 75° | 899.1 | 778.2 | 647.8 | 517.2 | 406.1 | 319.1 | 261.1 | 217.5 | 241.7 | 261.1 |
| 77.5° | 662.3 | 565.6 | 478.6 | 367.4 | 285.2 | 227.2 | 178.8 | 135.4 | 130.5 | 125.7 |
| 80° | 517.2 | 459.2 | 381.9 | 294.9 | 222.4 | 169.2 | 125.7 | 91.8 | 82.2 | 82.2 |
| 82.5° | 406.1 | 377.0 | 314.2 | 241.7 | 183.7 | 135.4 | 91.8 | 62.9 | 53.2 | 53.2 |
| 85° | 154.7 | 154.7 | 227.2 | 198.2 | 140.2 | 96.7 | 62.9 | 33.8 | 29.0 | 29.0 |
| 87.5° | 38.7 | 38.7 | 38.7 | 38.7 | 33.8 | 29.0 | 29.0 | 14.5 | 9.6 | 9.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)