

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: P455715

Luminaire Tested: **GALN-SA6D-830-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P455715  
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-SA6D-830-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 80 CRI, 3000K, 1200mA 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: 31422 lumens  
Efficiency: N/A  
Efficacy: 85.4 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

Input Watts (W): 368  
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



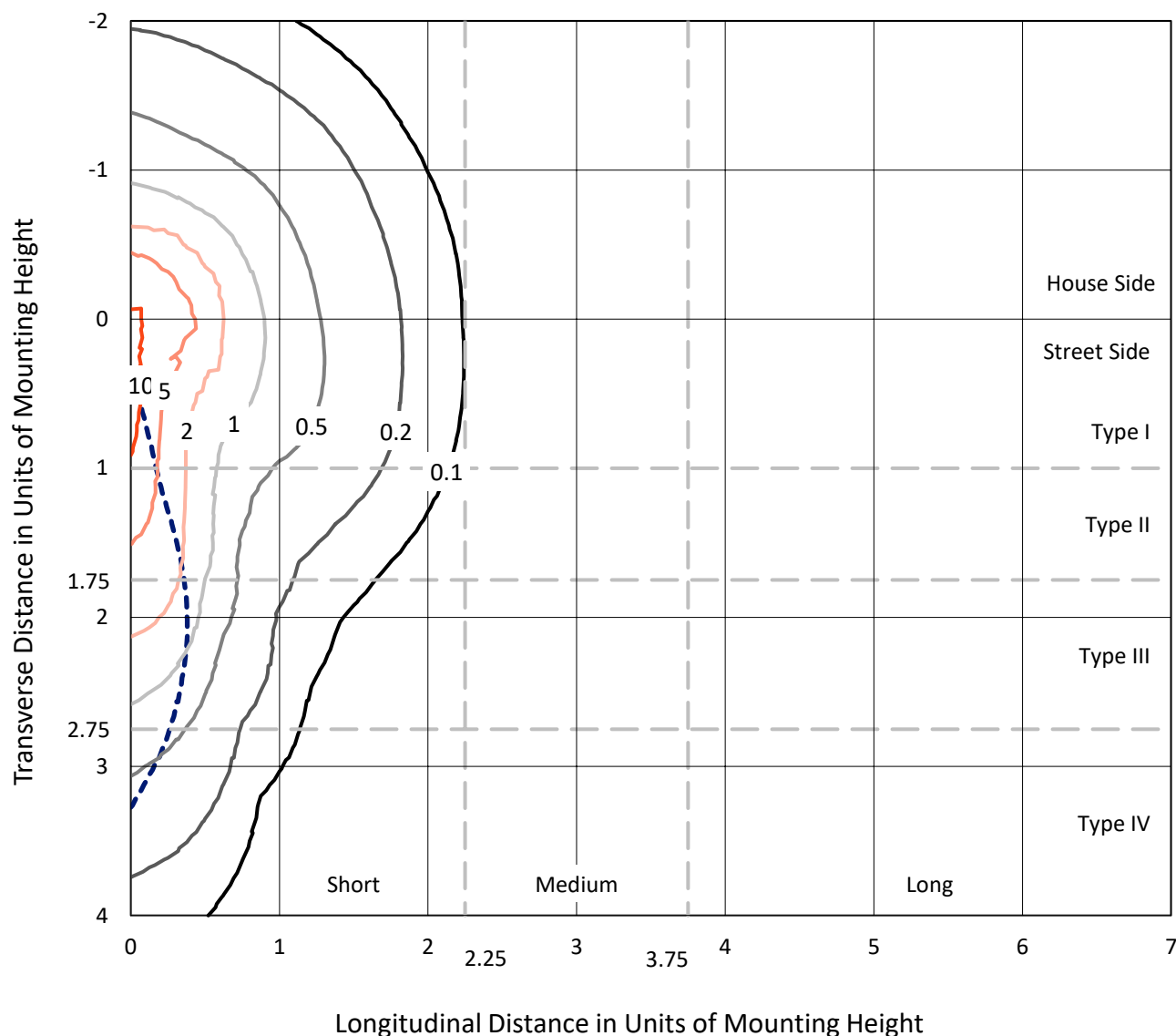
REPORT NUMBER: P455715

CATALOG NUMBER: GALN-SA6D-830-U-SLR

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



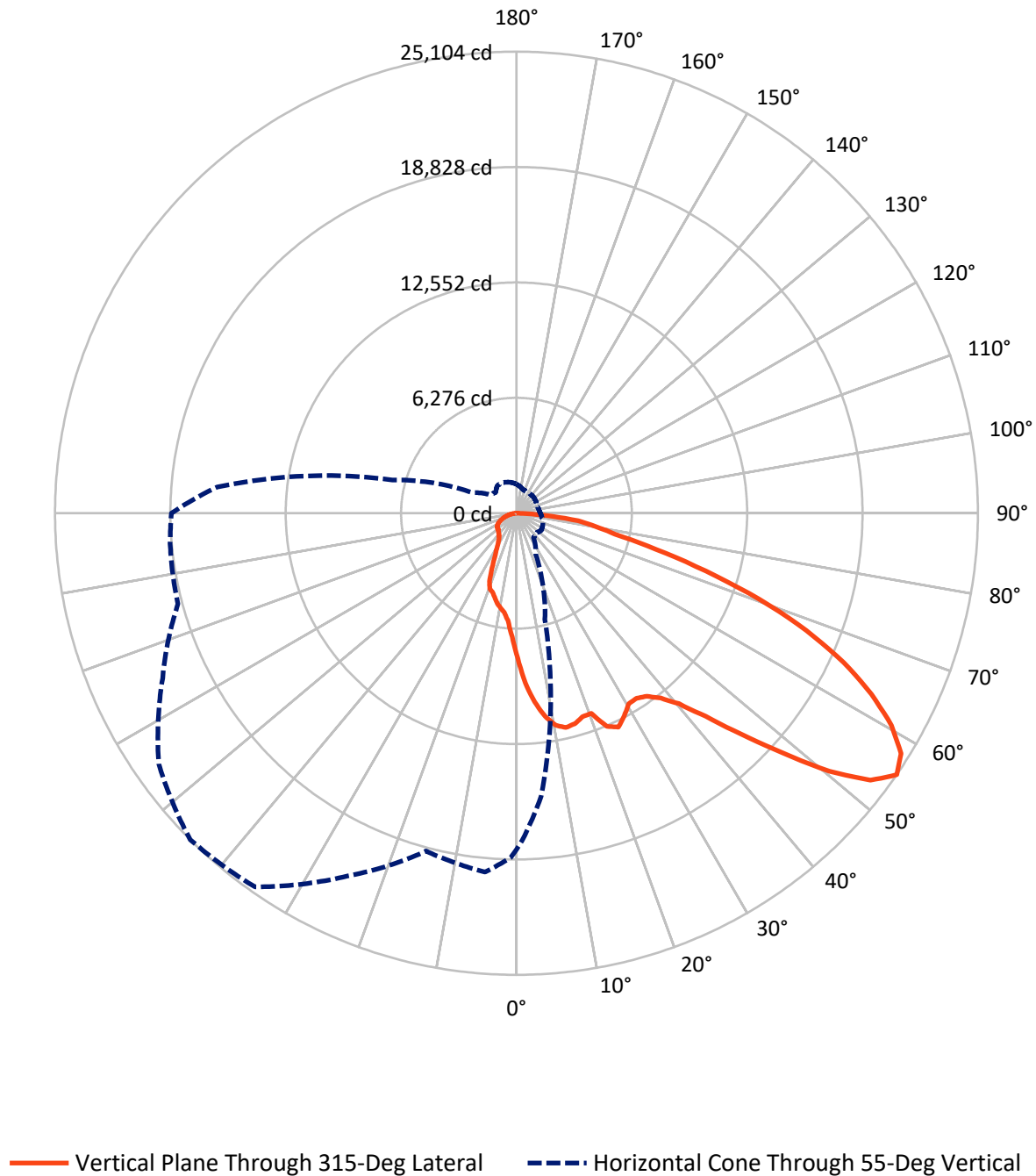
Based on 25 foot mounting height. Maximum calculated value = 13.5 fc

Type IV - Short - N/A

REPORT NUMBER: P455715

CATALOG NUMBER: GALN-SA6D-830-U-SLR

## Luminous Intensity Polar Plot



REPORT NUMBER: P455715

CATALOG NUMBER: GALN-SA6D-830-U-SLR

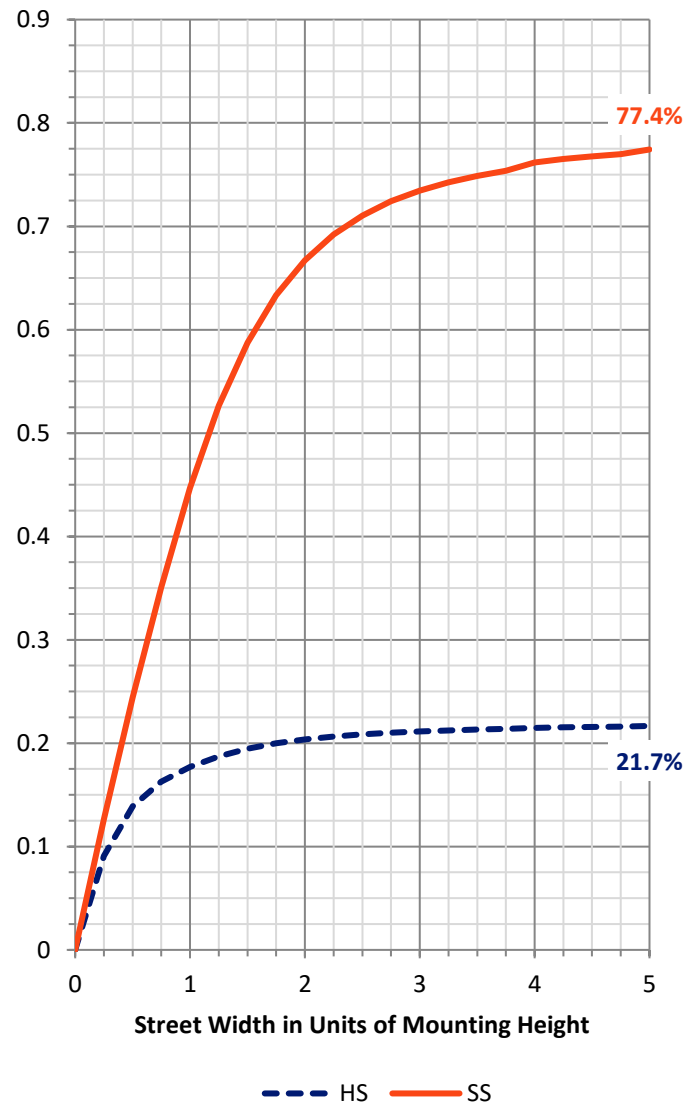
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6873.4   | 0.0    | 6873.4  |
|                    | % Fixture | 21.9     | 0.0    | 21.9    |
| <b>Street Side</b> | Lumens    | 24548.6  | 0.0    | 24548.6 |
|                    | % Fixture | 78.1     | 0.0    | 78.1    |
| <b>Total</b>       | Lumens    | 31422.0  | 0.0    | 31422.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 668.3   | 2.1       |
| 10°-20°   | 1773.1  | 5.6       |
| 20°-30°   | 3063.1  | 9.7       |
| 30°-40°   | 3559.8  | 11.3      |
| 40°-50°   | 4966.7  | 15.8      |
| 50°-60°   | 6739.3  | 21.4      |
| 60°-70°   | 6411.6  | 20.4      |
| 70°-80°   | 3463.7  | 11.0      |
| 80°-90°   | 776.3   | 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°    | 31422.0 | 100.0     |
| 0°-180°   | 31422.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P455715

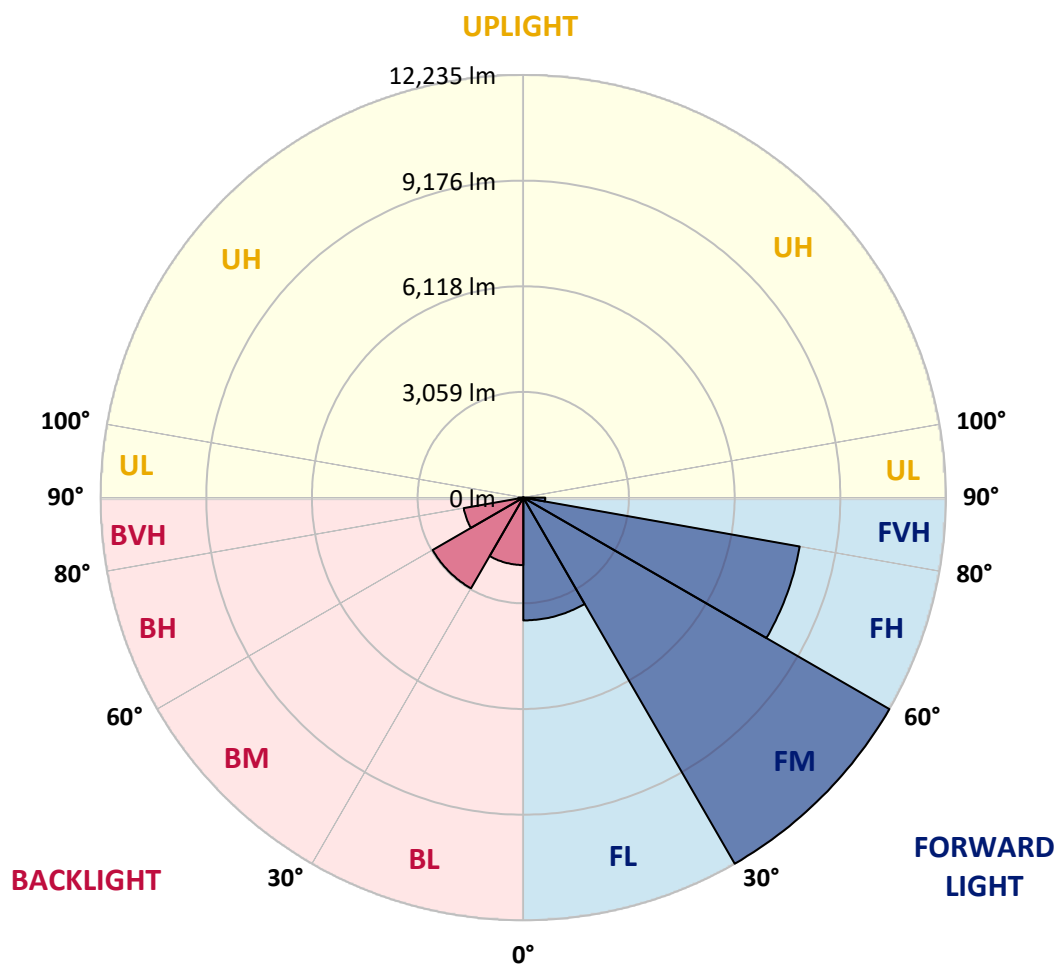
CATALOG NUMBER: GALN-SA6D-830-U-SLR

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 3553.9  | 11.3      |                         |      |          |
| FM   | (30°-60°)   | 12235.1 | 38.9      |                         |      |          |
| FH   | (60°-80°)   | 8125.2  | 25.9      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 634.4   | 2.0       |                         |      | G4/750   |
| BL   | (0°-30°)    | 1950.7  | 6.2       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 3030.7  | 9.6       | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1750.1  | 5.6       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 141.9   | 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





REPORT NUMBER: P455715

CATALOG NUMBER: GALN-SA6D-830-U-SLR

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7885.7  | 7885.7  | 7885.7  | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 |
| 2.5°  | 8760.5  | 8727.3  | 8634.0  | 8389.4 | 8142.7 | 7891.9 | 7699.1 | 7458.7 | 7207.8 | 7073.1 | 6901.0 |
| 5°    | 8880.7  | 8843.4  | 8623.7  | 8072.3 | 7572.7 | 7048.2 | 6629.5 | 6262.5 | 6113.3 | 5893.5 | 5717.3 |
| 7.5°  | 8598.8  | 8582.2  | 8252.6  | 7460.7 | 6776.6 | 6090.5 | 5615.8 | 5321.4 | 5054.0 | 4954.5 | 4975.2 |
| 10°   | 8341.8  | 8275.4  | 7862.9  | 6828.5 | 6030.4 | 5472.7 | 5132.7 | 4844.6 | 4656.0 | 4606.2 | 4616.6 |
| 12.5° | 8128.2  | 8039.1  | 7551.9  | 6403.5 | 5704.9 | 5259.2 | 4825.9 | 4525.4 | 4353.3 | 4401.0 | 4562.7 |
| 15°   | 8084.7  | 7964.5  | 7421.3  | 6258.4 | 5526.6 | 4952.4 | 4477.7 | 4131.5 | 4003.0 | 4106.6 | 4365.7 |
| 17.5° | 8366.6  | 8215.3  | 7645.2  | 6306.1 | 5356.6 | 4639.4 | 4056.9 | 3660.9 | 3553.1 | 3719.0 | 4056.9 |
| 20°   | 9272.5  | 9048.6  | 8343.8  | 6581.8 | 5340.0 | 4483.9 | 3812.2 | 3414.2 | 3459.8 | 3774.9 | 4127.3 |
| 22.5° | 10947.5 | 10611.7 | 9566.9  | 6983.9 | 5427.1 | 4444.5 | 3762.5 | 3555.2 | 3806.0 | 4073.4 | 4305.6 |
| 25°   | 11279.2 | 11015.9 | 9786.6  | 7075.2 | 5408.5 | 4417.6 | 3903.5 | 4007.1 | 4287.0 | 4419.6 | 4338.8 |
| 27.5° | 11465.8 | 11165.2 | 9772.1  | 6623.2 | 4836.3 | 4007.1 | 3731.4 | 3903.5 | 3973.9 | 3845.4 | 3625.7 |
| 30°   | 11901.1 | 11588.1 | 10018.8 | 6148.5 | 3982.2 | 2972.7 | 2605.8 | 2535.3 | 2583.0 | 2607.8 | 2529.1 |
| 32.5° | 12500.2 | 12191.3 | 10483.2 | 5837.6 | 3443.3 | 2458.6 | 2097.9 | 1998.4 | 1975.6 | 1948.6 | 1917.5 |
| 35°   | 13275.5 | 12800.8 | 10939.2 | 5638.6 | 3221.4 | 2274.1 | 1942.4 | 1865.7 | 1834.6 | 1797.3 | 1764.1 |
| 37.5° | 14063.2 | 13565.7 | 11515.5 | 5429.2 | 3074.3 | 2145.6 | 1838.8 | 1803.5 | 1749.6 | 1710.2 | 1662.5 |
| 40°   | 14900.7 | 14343.1 | 12040.0 | 5246.8 | 2931.2 | 2062.6 | 1764.1 | 1760.0 | 1689.5 | 1643.9 | 1587.9 |
| 42.5° | 15626.3 | 15052.1 | 12508.5 | 5134.8 | 2821.4 | 1975.6 | 1718.5 | 1731.0 | 1658.4 | 1590.0 | 1517.4 |
| 45°   | 16202.6 | 15638.7 | 12941.7 | 5134.8 | 2732.2 | 1888.5 | 1710.2 | 1701.9 | 1629.4 | 1544.4 | 1461.5 |
| 47.5° | 16708.4 | 16125.9 | 13364.6 | 5265.4 | 2676.2 | 1815.9 | 1664.6 | 1679.1 | 1604.5 | 1496.7 | 1415.9 |
| 50°   | 17100.2 | 16586.1 | 13934.7 | 5468.6 | 2620.3 | 1757.9 | 1606.6 | 1685.3 | 1583.8 | 1471.8 | 1378.5 |
| 52.5° | 17599.8 | 17139.6 | 14620.9 | 5746.4 | 2572.6 | 1693.6 | 1554.8 | 1685.3 | 1581.7 | 1473.9 | 1372.3 |
| 55°   | 18292.2 | 17807.1 | 15448.0 | 5976.5 | 2495.9 | 1633.5 | 1509.1 | 1637.7 | 1575.5 | 1463.5 | 1355.7 |
| 57.5° | 18777.2 | 18414.5 | 16032.6 | 6129.9 | 2386.0 | 1556.8 | 1467.7 | 1592.1 | 1548.5 | 1424.2 | 1306.0 |
| 58°   | 18800.0 | 18445.6 | 16117.6 | 6165.1 | 2359.1 | 1542.3 | 1457.3 | 1571.3 | 1536.1 | 1407.6 | 1289.4 |
| 60°   | 18538.8 | 18234.1 | 16134.2 | 6115.4 | 2205.7 | 1469.8 | 1403.4 | 1486.3 | 1469.8 | 1310.1 | 1200.3 |
| 62.5° | 17589.4 | 17263.9 | 15464.6 | 5711.1 | 2002.5 | 1380.6 | 1320.5 | 1372.3 | 1335.0 | 1173.3 | 1071.7 |
| 65°   | 16239.9 | 15640.8 | 14088.1 | 5076.8 | 1857.4 | 1285.3 | 1208.6 | 1212.7 | 1173.3 | 1057.2 | 968.1  |
| 67.5° | 14442.6 | 13773.0 | 11928.0 | 4278.7 | 1747.5 | 1179.5 | 1075.9 | 1065.5 | 1017.8 | 943.2  | 870.7  |
| 70°   | 12230.7 | 11772.6 | 9693.4  | 3480.6 | 1625.2 | 1063.4 | 926.6  | 920.4  | 891.4  | 835.4  | 771.2  |
| 72.5° | 9913.1  | 9330.6  | 7827.7  | 2786.1 | 1476.0 | 951.5  | 787.7  | 800.2  | 762.9  | 723.5  | 665.4  |
| 75°   | 7315.6  | 6934.2  | 6051.1  | 2234.7 | 1274.9 | 829.2  | 657.1  | 661.3  | 644.7  | 603.2  | 557.6  |
| 77.5° | 4817.7  | 4703.6  | 4328.4  | 1467.7 | 980.5  | 659.2  | 536.9  | 541.1  | 528.6  | 491.3  | 443.6  |
| 80°   | 3242.2  | 3165.5  | 2933.3  | 945.3  | 655.1  | 476.8  | 414.6  | 418.7  | 416.7  | 377.3  | 313.0  |
| 82.5° | 1998.4  | 1965.2  | 1890.6  | 638.5  | 454.0  | 342.0  | 273.6  | 286.1  | 308.9  | 265.3  | 213.5  |
| 85°   | 943.2   | 945.3   | 1142.2  | 348.3  | 267.4  | 219.7  | 149.3  | 159.6  | 159.6  | 159.6  | 120.2  |
| 87.5° | 122.3   | 128.5   | 157.5   | 147.2  | 97.4   | 82.9   | 53.9   | 45.6   | 39.4   | 51.8   | 37.3   |
| 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: P455715

CATALOG NUMBER: GALN-SA6D-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 |
| 2.5°  | 6840.9 | 6799.4 | 6710.3 | 6689.6 | 6677.1 | 6712.4 | 6619.1 | 6644.0 | 6602.5 | 6718.6 | 6699.9 |
| 5°    | 5727.7 | 5731.8 | 5804.4 | 5852.1 | 5868.7 | 5852.1 | 5789.9 | 5682.1 | 5599.2 | 5566.0 | 5574.3 |
| 7.5°  | 4935.8 | 5008.4 | 5132.7 | 5271.6 | 5398.1 | 5435.4 | 5400.2 | 5194.9 | 4971.1 | 4830.1 | 4784.5 |
| 10°   | 4672.5 | 4770.0 | 4913.0 | 5022.9 | 5134.8 | 5224.0 | 5242.6 | 5083.0 | 4817.7 | 4483.9 | 4353.3 |
| 12.5° | 4687.1 | 4819.7 | 4956.5 | 4991.8 | 4981.4 | 5016.7 | 5000.1 | 4973.1 | 4799.0 | 4374.0 | 4156.4 |
| 15°   | 4550.2 | 4707.8 | 4803.1 | 4784.5 | 4751.3 | 4720.2 | 4676.7 | 4608.3 | 4546.1 | 4247.6 | 4007.1 |
| 17.5° | 4235.1 | 4396.8 | 4475.6 | 4481.8 | 4481.8 | 4473.5 | 4367.8 | 4342.9 | 4334.6 | 4189.5 | 4042.4 |
| 20°   | 4293.2 | 4382.3 | 4347.1 | 4289.0 | 4305.6 | 4361.6 | 4299.4 | 4287.0 | 4334.6 | 4398.9 | 4372.0 |
| 22.5° | 4326.4 | 4295.3 | 4029.9 | 3772.9 | 3714.8 | 3888.9 | 3924.2 | 4063.1 | 4255.9 | 4488.0 | 4639.4 |
| 25°   | 4121.1 | 3870.3 | 3395.6 | 3105.4 | 2941.6 | 3103.3 | 3314.7 | 3571.8 | 3859.9 | 4158.4 | 4334.6 |
| 27.5° | 3445.3 | 3254.6 | 2914.6 | 2653.4 | 2510.4 | 2535.3 | 2715.6 | 2949.9 | 3217.3 | 3418.4 | 3546.9 |
| 30°   | 2595.4 | 2510.4 | 2334.2 | 2245.1 | 2158.0 | 2137.3 | 2214.0 | 2303.1 | 2421.3 | 2446.1 | 2479.3 |
| 32.5° | 1911.3 | 1898.9 | 1909.2 | 1880.2 | 1863.6 | 1861.6 | 1838.8 | 1859.5 | 1871.9 | 1886.4 | 1857.4 |
| 35°   | 1728.9 | 1712.3 | 1683.3 | 1675.0 | 1664.6 | 1668.8 | 1658.4 | 1648.0 | 1656.3 | 1668.8 | 1677.1 |
| 37.5° | 1635.6 | 1610.7 | 1569.3 | 1554.8 | 1554.8 | 1561.0 | 1544.4 | 1540.2 | 1554.8 | 1594.1 | 1614.9 |
| 40°   | 1563.0 | 1534.0 | 1486.3 | 1467.7 | 1480.1 | 1496.7 | 1473.9 | 1465.6 | 1500.9 | 1542.3 | 1575.5 |
| 42.5° | 1494.6 | 1471.8 | 1426.2 | 1405.5 | 1415.9 | 1447.0 | 1413.8 | 1407.6 | 1453.2 | 1498.8 | 1538.2 |
| 45°   | 1436.6 | 1413.8 | 1372.3 | 1362.0 | 1366.1 | 1395.1 | 1372.3 | 1372.3 | 1415.9 | 1465.6 | 1500.9 |
| 47.5° | 1391.0 | 1362.0 | 1335.0 | 1326.7 | 1330.9 | 1347.5 | 1343.3 | 1343.3 | 1384.8 | 1436.6 | 1471.8 |
| 50°   | 1345.4 | 1320.5 | 1285.3 | 1289.4 | 1299.8 | 1322.6 | 1320.5 | 1326.7 | 1368.2 | 1432.4 | 1469.8 |
| 52.5° | 1324.6 | 1287.3 | 1247.9 | 1252.1 | 1283.2 | 1310.1 | 1301.8 | 1308.1 | 1355.7 | 1476.0 | 1529.9 |
| 55°   | 1301.8 | 1252.1 | 1206.5 | 1212.7 | 1247.9 | 1287.3 | 1277.0 | 1285.3 | 1341.2 | 1505.0 | 1579.6 |
| 57.5° | 1258.3 | 1200.3 | 1150.5 | 1154.7 | 1206.5 | 1247.9 | 1231.4 | 1241.7 | 1308.1 | 1473.9 | 1552.7 |
| 58°   | 1239.7 | 1189.9 | 1142.2 | 1144.3 | 1194.0 | 1239.7 | 1221.0 | 1229.3 | 1297.7 | 1465.6 | 1540.2 |
| 60°   | 1160.9 | 1131.9 | 1090.4 | 1092.5 | 1140.2 | 1179.5 | 1169.2 | 1177.5 | 1243.8 | 1405.5 | 1461.5 |
| 62.5° | 1053.1 | 1036.5 | 1026.1 | 1026.1 | 1055.2 | 1092.5 | 1102.8 | 1113.2 | 1173.3 | 1270.7 | 1320.5 |
| 65°   | 937.0  | 937.0  | 939.1  | 939.1  | 957.7  | 1005.4 | 1011.6 | 1038.6 | 1094.5 | 1142.2 | 1179.5 |
| 67.5° | 858.2  | 854.1  | 858.2  | 847.9  | 856.1  | 885.2  | 916.3  | 941.1  | 999.2  | 1032.4 | 1044.8 |
| 70°   | 756.6  | 754.6  | 756.6  | 742.1  | 752.5  | 777.4  | 798.1  | 839.6  | 899.7  | 924.6  | 930.8  |
| 72.5° | 657.1  | 657.1  | 661.3  | 650.9  | 650.9  | 677.9  | 692.4  | 738.0  | 794.0  | 808.5  | 810.5  |
| 75°   | 553.5  | 559.7  | 559.7  | 545.2  | 549.3  | 565.9  | 584.6  | 621.9  | 673.7  | 684.1  | 684.1  |
| 77.5° | 439.5  | 462.3  | 462.3  | 447.8  | 454.0  | 456.1  | 480.9  | 499.6  | 539.0  | 543.1  | 526.5  |
| 80°   | 319.2  | 342.0  | 360.7  | 348.3  | 358.6  | 346.2  | 360.7  | 373.1  | 412.5  | 393.9  | 366.9  |
| 82.5° | 228.0  | 244.6  | 259.1  | 261.2  | 250.8  | 228.0  | 246.7  | 248.8  | 267.4  | 242.5  | 228.0  |
| 85°   | 126.5  | 141.0  | 159.6  | 151.3  | 134.7  | 120.2  | 126.5  | 130.6  | 128.5  | 122.3  | 114.0  |
| 87.5° | 33.2   | 35.2   | 39.4   | 29.0   | 26.9   | 22.8   | 31.1   | 31.1   | 35.2   | 37.3   | 35.2   |
| 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: P455715

CATALOG NUMBER: GALN-SA6D-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°    | 270°    | 275°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7 | 7885.7  | 7885.7  | 7885.7  |
| 2.5°  | 6714.4 | 6805.7 | 7002.6 | 7151.9 | 7334.3 | 7556.1 | 7817.3 | 8080.6 | 8364.6  | 8453.7  | 8578.1  |
| 5°    | 5555.6 | 5783.7 | 5879.0 | 6150.6 | 6420.1 | 6824.3 | 7255.5 | 7755.1 | 8302.4  | 8565.6  | 8818.5  |
| 7.5°  | 4747.2 | 4869.5 | 4969.0 | 5168.0 | 5491.4 | 5982.7 | 6523.7 | 7147.7 | 7923.0  | 8306.5  | 8677.6  |
| 10°   | 4311.8 | 4324.3 | 4446.6 | 4693.3 | 4975.2 | 5408.5 | 5920.5 | 6619.1 | 7483.5  | 7950.0  | 8385.3  |
| 12.5° | 4023.7 | 3969.8 | 4102.5 | 4359.5 | 4678.8 | 5078.9 | 5549.4 | 6214.9 | 7166.4  | 7645.2  | 8171.8  |
| 15°   | 3770.8 | 3685.8 | 3785.3 | 4048.6 | 4363.7 | 4834.2 | 5340.0 | 6044.9 | 7042.0  | 7599.6  | 8184.2  |
| 17.5° | 3777.0 | 3542.8 | 3578.0 | 3799.8 | 4112.8 | 4591.7 | 5205.3 | 6038.7 | 7230.6  | 7873.3  | 8565.6  |
| 20°   | 4243.4 | 3868.2 | 3708.6 | 3750.1 | 4052.7 | 4575.1 | 5267.5 | 6328.9 | 7850.5  | 8787.4  | 9527.5  |
| 22.5° | 4701.6 | 4475.6 | 4218.6 | 4133.6 | 4299.4 | 4846.7 | 5663.4 | 7015.0 | 9197.9  | 10609.6 | 11946.7 |
| 25°   | 4541.9 | 4734.7 | 4670.5 | 4550.2 | 4587.6 | 5041.5 | 5932.9 | 7578.9 | 10244.8 | 11834.8 | 13091.0 |
| 27.5° | 3634.0 | 3984.3 | 4054.8 | 4052.7 | 4067.2 | 4440.4 | 5335.9 | 7199.5 | 10375.4 | 12069.0 | 13269.3 |
| 30°   | 2553.9 | 2585.0 | 2622.3 | 2694.9 | 2761.2 | 3095.0 | 4175.0 | 6320.6 | 10317.3 | 12174.7 | 13377.1 |
| 32.5° | 1842.9 | 1884.4 | 1936.2 | 2035.7 | 2193.2 | 2618.2 | 3652.6 | 6040.7 | 10624.1 | 12612.1 | 13692.2 |
| 35°   | 1685.3 | 1733.0 | 1782.8 | 1896.8 | 2046.1 | 2439.9 | 3445.3 | 5924.6 | 11127.9 | 13321.1 | 14258.1 |
| 37.5° | 1635.6 | 1689.5 | 1733.0 | 1815.9 | 1936.2 | 2311.4 | 3256.7 | 5845.9 | 11644.0 | 14071.5 | 15016.8 |
| 40°   | 1600.4 | 1662.5 | 1697.8 | 1764.1 | 1847.0 | 2193.2 | 3088.8 | 5783.7 | 12143.6 | 14757.7 | 15626.3 |
| 42.5° | 1569.3 | 1633.5 | 1679.1 | 1726.8 | 1795.2 | 2087.5 | 2939.5 | 5721.5 | 12576.9 | 15423.1 | 16233.7 |
| 45°   | 1531.9 | 1612.8 | 1670.8 | 1708.2 | 1768.3 | 1998.4 | 2825.5 | 5671.7 | 13070.3 | 16013.9 | 16847.3 |
| 47.5° | 1500.9 | 1590.0 | 1662.5 | 1706.1 | 1728.9 | 1936.2 | 2734.3 | 5740.1 | 13663.1 | 16631.7 | 17417.4 |
| 50°   | 1502.9 | 1587.9 | 1679.1 | 1747.5 | 1687.4 | 1884.4 | 2678.3 | 6011.7 | 14434.3 | 17365.5 | 17867.2 |
| 52.5° | 1569.3 | 1672.9 | 1745.5 | 1762.1 | 1629.4 | 1822.2 | 2649.3 | 6486.4 | 15346.4 | 18014.4 | 18321.2 |
| 55°   | 1643.9 | 1751.7 | 1830.5 | 1820.1 | 1598.3 | 1743.4 | 2643.1 | 6992.2 | 16345.6 | 18771.0 | 18912.0 |
| 57.5° | 1616.9 | 1774.5 | 1894.7 | 1840.8 | 1600.4 | 1666.7 | 2616.1 | 7400.6 | 17181.0 | 19337.0 | 19496.6 |
| 58°   | 1608.6 | 1766.2 | 1903.0 | 1836.7 | 1594.1 | 1643.9 | 2609.9 | 7435.9 | 17297.1 | 19376.3 | 19579.5 |
| 60°   | 1527.8 | 1693.6 | 1896.8 | 1805.6 | 1558.9 | 1581.7 | 2541.5 | 7549.9 | 17266.0 | 19173.2 | 19629.2 |
| 62.5° | 1380.6 | 1517.4 | 1753.8 | 1654.3 | 1451.1 | 1498.8 | 2388.1 | 7408.9 | 16424.4 | 18194.7 | 18901.6 |
| 65°   | 1214.8 | 1316.4 | 1473.9 | 1455.2 | 1297.7 | 1413.8 | 2178.7 | 6851.3 | 14739.0 | 16606.8 | 17351.0 |
| 67.5° | 1090.4 | 1173.3 | 1272.8 | 1245.9 | 1167.1 | 1299.8 | 1952.8 | 5908.1 | 12848.5 | 14699.6 | 15636.6 |
| 70°   | 963.9  | 1028.2 | 1078.0 | 1059.3 | 1034.4 | 1187.8 | 1751.7 | 4794.9 | 11036.7 | 12887.8 | 13795.8 |
| 72.5° | 835.4  | 895.5  | 937.0  | 910.0  | 895.5  | 1069.7 | 1587.9 | 3721.0 | 8717.0  | 10632.4 | 11799.5 |
| 75°   | 698.6  | 758.7  | 787.7  | 756.6  | 748.4  | 943.2  | 1345.4 | 2779.9 | 6540.3  | 8196.6  | 9204.1  |
| 77.5° | 541.1  | 605.3  | 642.6  | 632.3  | 636.4  | 775.3  | 1086.3 | 1903.0 | 4676.7  | 5586.7  | 6648.1  |
| 80°   | 379.4  | 449.8  | 474.7  | 464.4  | 493.4  | 590.8  | 767.0  | 1208.6 | 3225.6  | 3625.7  | 4374.0  |
| 82.5° | 234.2  | 300.6  | 304.7  | 315.1  | 335.8  | 437.4  | 578.4  | 735.9  | 2025.3  | 2093.7  | 2636.9  |
| 85°   | 118.2  | 143.0  | 153.4  | 170.0  | 188.6  | 267.4  | 329.6  | 456.1  | 1303.9  | 986.7   | 1473.9  |
| 87.5° | 39.4   | 41.5   | 49.8   | 62.2   | 76.7   | 109.9  | 141.0  | 186.6  | 323.4   | 178.3   | 456.1   |
| 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: P455715

CATALOG NUMBER: GALN-SA6D-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 7885.7  | 7885.7  | 7885.7  | 7885.7  | 7885.7  | 7885.7  | 7885.7  | 7885.7  | 7885.7  | 7885.7  |
| 2.5°  | 8828.9  | 9005.1  | 9133.6  | 9251.8  | 9137.8  | 9127.4  | 9015.5  | 8835.1  | 8760.5  | 8760.5  |
| 5°    | 9349.2  | 9761.8  | 10095.5 | 10309.0 | 10217.8 | 9998.1  | 9635.3  | 9173.0  | 8924.3  | 8880.7  |
| 7.5°  | 9492.3  | 10307.0 | 10926.8 | 11146.5 | 10993.1 | 10508.0 | 9813.6  | 9034.1  | 8677.6  | 8598.8  |
| 10°   | 9405.2  | 10464.5 | 11374.6 | 11722.8 | 11509.3 | 10775.5 | 9828.1  | 8872.4  | 8433.0  | 8341.8  |
| 12.5° | 9314.0  | 10485.2 | 11457.5 | 11961.2 | 11822.3 | 10991.0 | 9933.8  | 8766.7  | 8258.8  | 8128.2  |
| 15°   | 9380.3  | 10493.5 | 11355.9 | 11876.2 | 11965.4 | 11250.2 | 10108.0 | 8843.4  | 8223.6  | 8084.7  |
| 17.5° | 9799.1  | 10651.1 | 11210.8 | 11631.6 | 11944.6 | 11602.6 | 10603.4 | 9210.3  | 8538.7  | 8366.6  |
| 20°   | 10673.9 | 11028.4 | 11293.7 | 11619.2 | 12122.9 | 12321.9 | 11617.1 | 10217.8 | 9423.9  | 9272.5  |
| 22.5° | 13207.1 | 13142.8 | 12599.7 | 12593.5 | 13323.2 | 14121.3 | 14073.6 | 12265.9 | 11071.9 | 10947.5 |
| 25°   | 14156.5 | 13858.0 | 13072.3 | 12881.6 | 13202.9 | 14434.3 | 14256.0 | 12684.7 | 11581.9 | 11279.2 |
| 27.5° | 13785.5 | 13045.4 | 12529.2 | 12485.7 | 12380.0 | 13542.9 | 13972.0 | 12854.7 | 11760.1 | 11465.8 |
| 30°   | 13762.7 | 12674.3 | 11936.3 | 12023.4 | 12125.0 | 13236.1 | 14129.6 | 13387.4 | 12216.2 | 11901.1 |
| 32.5° | 13818.6 | 12726.2 | 11979.9 | 11996.5 | 12299.1 | 13281.7 | 14303.7 | 13967.9 | 12815.3 | 12500.2 |
| 35°   | 14044.6 | 13020.5 | 12257.7 | 12218.3 | 12690.9 | 13580.2 | 14600.1 | 14880.0 | 13634.1 | 13275.5 |
| 37.5° | 14409.4 | 13607.2 | 12765.5 | 12755.2 | 13441.3 | 14119.2 | 14969.1 | 15800.4 | 14448.8 | 14063.2 |
| 40°   | 14946.3 | 14293.3 | 13669.4 | 13613.4 | 14461.3 | 14996.1 | 15448.0 | 16780.9 | 15396.2 | 14900.7 |
| 42.5° | 15595.2 | 15116.3 | 14861.3 | 15083.2 | 15897.8 | 15980.8 | 16194.3 | 17686.8 | 16202.6 | 15626.3 |
| 45°   | 16196.4 | 16173.6 | 16528.0 | 17116.8 | 17591.5 | 17094.0 | 16973.7 | 18294.2 | 16828.6 | 16202.6 |
| 47.5° | 16911.5 | 17529.3 | 18599.0 | 19461.3 | 19958.9 | 18389.6 | 17639.2 | 18690.2 | 17284.7 | 16708.4 |
| 50°   | 17637.1 | 19152.5 | 20860.6 | 22062.9 | 22168.7 | 19797.2 | 18097.3 | 19063.3 | 17699.3 | 17100.2 |
| 52.5° | 18400.0 | 20448.1 | 22722.2 | 24119.4 | 23914.1 | 21022.3 | 18540.9 | 19316.2 | 18126.3 | 17599.8 |
| 55°   | 19063.3 | 21242.0 | 23762.8 | 25104.0 | 24803.5 | 21768.6 | 19019.8 | 19589.9 | 18735.8 | 18292.2 |
| 57.5° | 19434.4 | 21308.4 | 23503.7 | 24674.9 | 24349.5 | 21623.5 | 19239.5 | 19793.0 | 19125.5 | 18777.2 |
| 58°   | 19488.3 | 21219.2 | 23273.6 | 24426.2 | 24094.5 | 21501.2 | 19237.4 | 19784.7 | 19150.4 | 18800.0 |
| 60°   | 19440.6 | 20640.9 | 22417.4 | 23443.6 | 23095.3 | 20734.2 | 19158.7 | 19629.2 | 18835.3 | 18538.8 |
| 62.5° | 18999.1 | 19637.5 | 20939.4 | 21685.7 | 21586.2 | 19536.0 | 18835.3 | 19042.6 | 17875.5 | 17589.4 |
| 65°   | 18418.6 | 18269.4 | 19046.7 | 19575.3 | 19650.0 | 18638.3 | 18514.0 | 17773.9 | 16644.1 | 16239.9 |
| 67.5° | 17713.8 | 16718.8 | 16716.7 | 17017.3 | 17141.6 | 17257.7 | 17844.4 | 16395.4 | 14869.6 | 14442.6 |
| 70°   | 16517.7 | 14328.6 | 13669.4 | 14023.8 | 13920.2 | 14900.7 | 16648.3 | 14459.2 | 12730.3 | 12230.7 |
| 72.5° | 14324.4 | 11370.4 | 10315.3 | 10771.3 | 10510.1 | 11685.5 | 14567.0 | 11899.0 | 10526.7 | 9913.1  |
| 75°   | 11610.9 | 8505.5  | 7417.2  | 7835.9  | 7674.2  | 8864.2  | 12120.8 | 8642.3  | 7549.9  | 7315.6  |
| 77.5° | 9015.5  | 6163.0  | 5530.8  | 5472.7  | 5593.0  | 6596.3  | 8891.1  | 5835.5  | 4977.3  | 4817.7  |
| 80°   | 5792.0  | 4411.3  | 4448.7  | 4374.0  | 4436.2  | 4158.4  | 5398.1  | 3723.1  | 3370.7  | 3242.2  |
| 82.5° | 3812.2  | 3074.3  | 3665.1  | 3383.1  | 3213.2  | 2796.5  | 3540.7  | 2437.8  | 2068.9  | 1998.4  |
| 85°   | 2597.5  | 2263.7  | 2060.6  | 1575.5  | 1855.3  | 2153.8  | 2655.5  | 1312.2  | 1040.6  | 943.2   |
| 87.5° | 1173.3  | 787.7   | 578.4   | 356.6   | 563.9   | 650.9   | 1289.4  | 153.4   | 118.2   | 122.3   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)