

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: P455335

Luminaire Tested: **GALN-SA6C-730-U-SLL-HSS**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P455335
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6C-730-U-SLL-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 3000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27266 lumens
Efficiency: N/A
Efficacy: 84.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G4

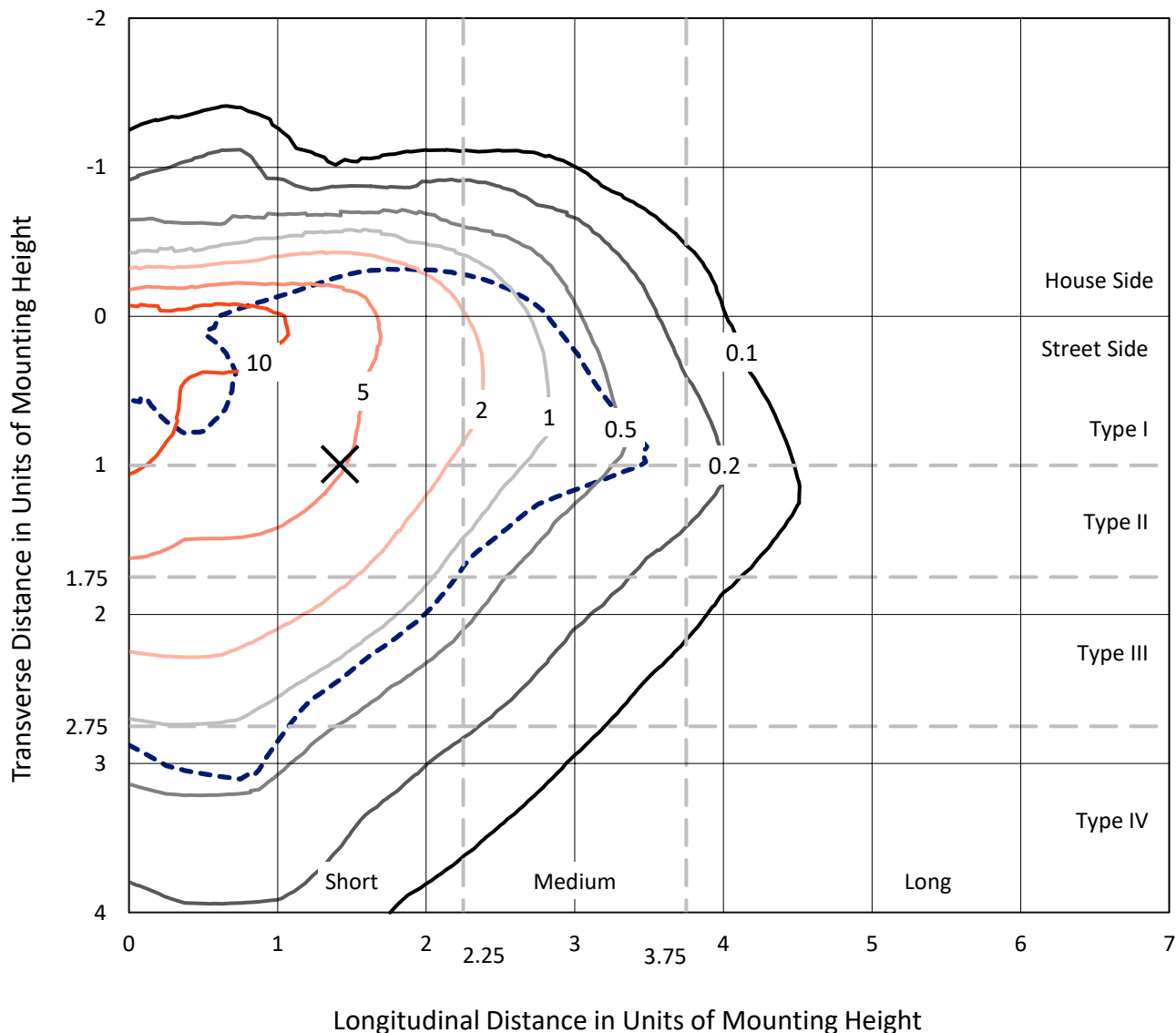
Input Watts (W): 321
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P455335
 CATALOG NUMBER: GALN-SA6C-730-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

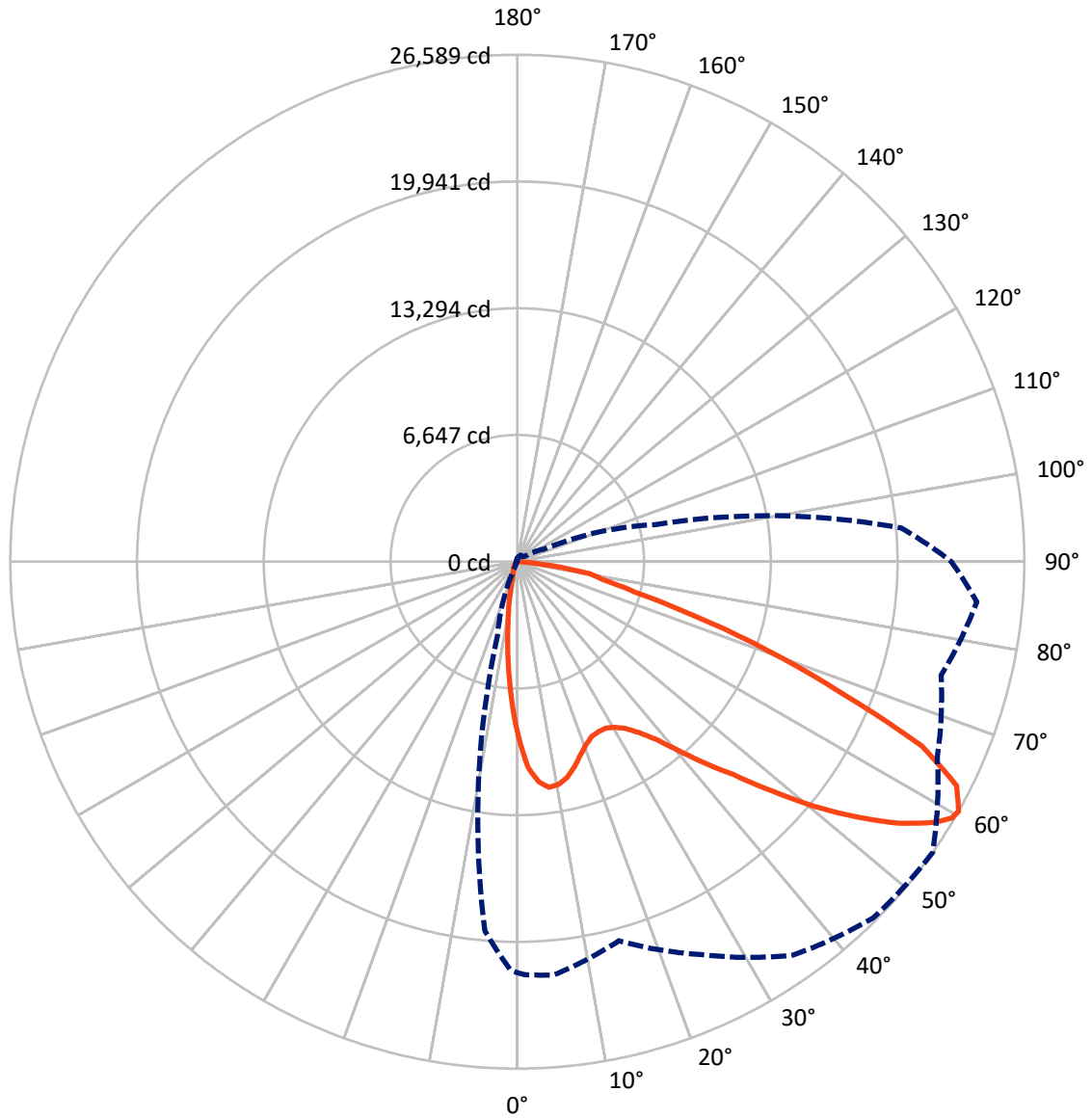
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 19.1 fc
 Type III - Short - N/A

REPORT NUMBER: P455335
CATALOG NUMBER: GALN-SA6C-730-U-SLL-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P455335
 CATALOG NUMBER: GALN-SA6C-730-U-SLL-HSS

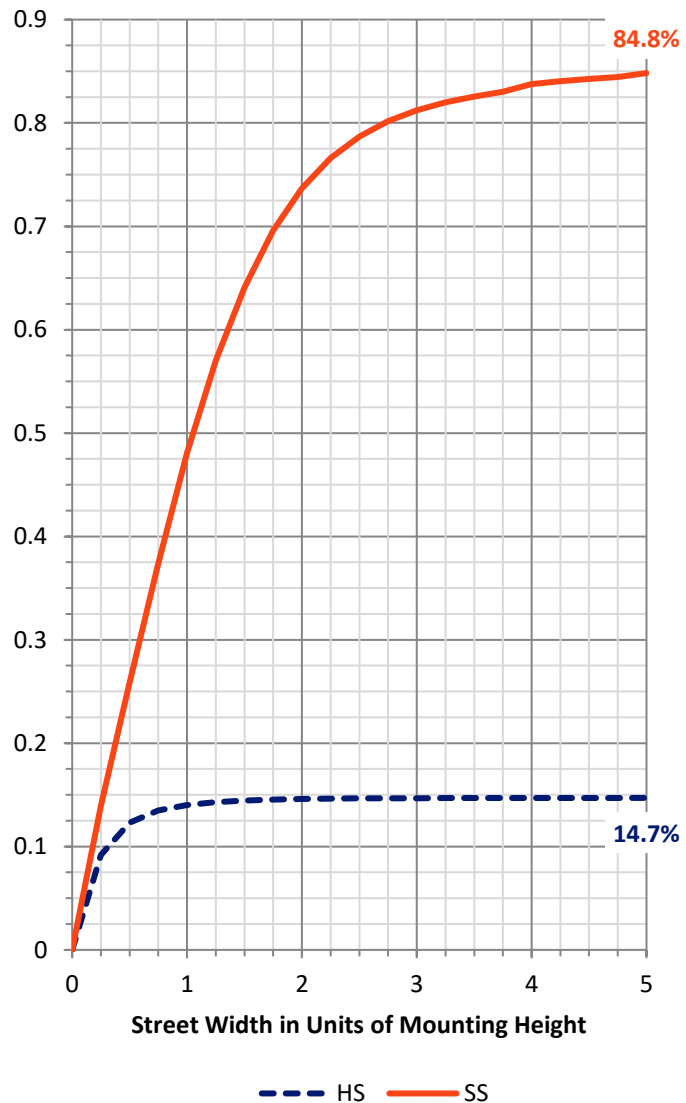
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 4046.5 | 0.0 | 4046.5 |
| | % Fixture | 14.8 | 0.0 | 14.8 |
| Street Side | Lumens | 23219.5 | 0.0 | 23219.5 |
| | % Fixture | 85.2 | 0.0 | 85.2 |
| Total | Lumens | 27266.0 | 0.0 | 27266.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 683.7 | 2.5 |
| 10°-20° | 1346.3 | 4.9 |
| 20°-30° | 1992.7 | 7.3 |
| 30°-40° | 2970.4 | 10.9 |
| 40°-50° | 4350.2 | 16.0 |
| 50°-60° | 6280.3 | 23.0 |
| 60°-70° | 6606.5 | 24.2 |
| 70°-80° | 2717.7 | 10.0 |
| 80°-90° | 318.3 | 1.2 |
| 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° | 27266.0 | 100.0 |
| 0°-180° | 27266.0 | 100.0 |

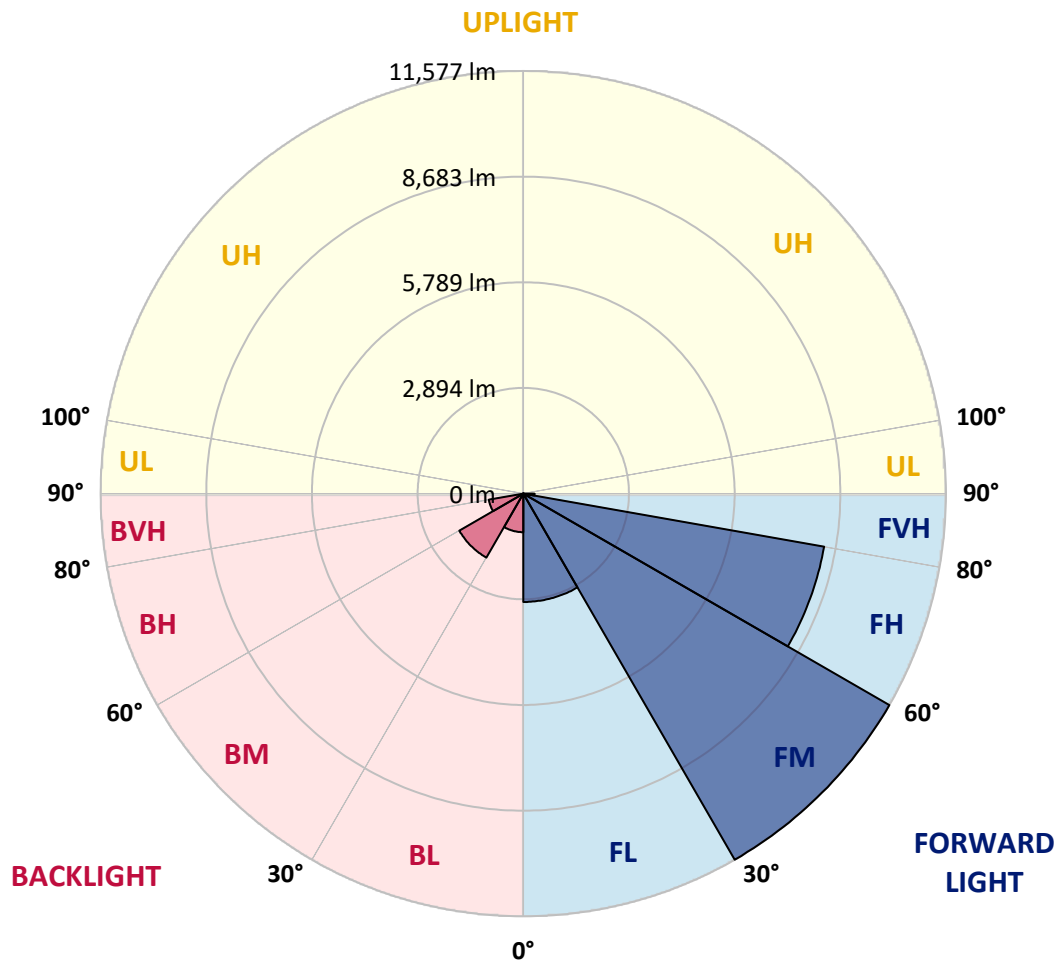


REPORT NUMBER: P455335
 CATALOG NUMBER: GALN-SA6C-730-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|---------|-----------|-------------------------|------|----------|
| | | | | B | U | G |
| FL | (0°-30°) | 2966.9 | 10.9 | | | |
| FM | (30°-60°) | 11577.2 | 42.5 | | | |
| FH | (60°-80°) | 8366.4 | 30.7 | | | G4/12000 |
| FVH | (80°-90°) | 308.9 | 1.1 | | | G3/500 |
| BL | (0°-30°) | 1055.8 | 3.9 | B3/2500 | | |
| BM | (30°-60°) | 2023.6 | 7.4 | B2/2500 | | |
| BH | (60°-80°) | 957.8 | 3.5 | B2/1000 | | G2/1000 |
| BVH | (80°-90°) | 9.4 | 0.0 | | | G0/10 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G4
 Type III Short





REPORT NUMBER: P455335

CATALOG NUMBER: GALN-SA6C-730-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 |
| 2.5° | 10086.4 | 10069.6 | 10218.6 | 10462.0 | 10707.6 | 10835.6 | 10810.4 | 10799.9 | 10596.3 | 10447.3 | 10134.6 |
| 5° | 10065.4 | 10151.4 | 10418.0 | 11077.0 | 11576.4 | 11817.8 | 11889.1 | 11589.0 | 11192.4 | 10617.3 | 9908.0 |
| 7.5° | 9463.0 | 9570.1 | 10004.5 | 11035.0 | 11922.7 | 12447.4 | 12428.5 | 11947.9 | 11129.4 | 10239.6 | 9228.0 |
| 10° | 8715.9 | 8841.8 | 9351.8 | 10602.6 | 11754.8 | 12447.4 | 12485.2 | 11876.6 | 10858.7 | 9717.0 | 8653.0 |
| 12.5° | 8189.1 | 8338.1 | 8902.7 | 10199.7 | 11322.5 | 12004.6 | 12048.7 | 11607.9 | 10655.1 | 9515.5 | 8340.2 |
| 15° | 8010.7 | 8151.4 | 8724.3 | 9996.1 | 10862.9 | 11230.2 | 11219.7 | 11173.5 | 10575.4 | 9563.8 | 8357.0 |
| 17.5° | 8317.2 | 8432.6 | 9079.0 | 10088.5 | 10432.6 | 10394.9 | 10449.4 | 10671.9 | 10592.2 | 9968.8 | 8885.9 |
| 20° | 9108.4 | 9225.9 | 9920.6 | 10371.8 | 10103.2 | 9863.9 | 9889.1 | 10260.6 | 10747.5 | 10730.7 | 9712.8 |
| 22.5° | 10197.6 | 10397.0 | 11026.6 | 10921.6 | 10059.1 | 9534.4 | 9481.9 | 9964.6 | 11011.9 | 11607.9 | 10829.3 |
| 25° | 11576.4 | 11777.9 | 12269.0 | 11798.9 | 10275.2 | 9456.8 | 9408.5 | 9874.4 | 11333.0 | 12464.2 | 12086.4 |
| 27.5° | 12734.9 | 12888.1 | 13377.1 | 12653.1 | 10594.3 | 9490.3 | 9410.6 | 9887.0 | 11593.2 | 13192.4 | 13146.3 |
| 30° | 13662.6 | 13775.9 | 14063.4 | 13051.8 | 10869.2 | 9637.2 | 9544.9 | 10071.7 | 11708.7 | 13547.1 | 14004.6 |
| 32.5° | 14409.7 | 14600.7 | 14690.9 | 13477.9 | 11263.7 | 9914.3 | 9756.9 | 10426.4 | 11989.9 | 13985.8 | 14905.0 |
| 35° | 15263.9 | 15484.2 | 15368.8 | 13885.0 | 11784.2 | 10346.6 | 10153.5 | 11001.4 | 12415.9 | 14390.8 | 15950.1 |
| 37.5° | 16346.8 | 16600.7 | 16149.5 | 14313.2 | 12334.1 | 10997.2 | 10907.0 | 11809.4 | 13062.3 | 14970.0 | 17070.8 |
| 40° | 17467.5 | 17614.4 | 16907.1 | 14833.6 | 13009.9 | 11943.7 | 12029.8 | 13009.9 | 13908.1 | 15664.7 | 18262.9 |
| 42.5° | 18342.7 | 18481.2 | 17685.8 | 15270.2 | 13700.3 | 13066.5 | 13425.4 | 14458.0 | 14877.7 | 16376.2 | 19152.8 |
| 45° | 19012.1 | 19129.7 | 18225.1 | 15746.6 | 14632.2 | 14693.0 | 15370.9 | 15950.1 | 15849.4 | 16810.6 | 19839.0 |
| 47.5° | 19532.6 | 19633.4 | 18640.7 | 16258.6 | 16027.8 | 16682.6 | 17719.3 | 17964.9 | 16856.8 | 17280.7 | 20460.3 |
| 50° | 19746.7 | 19776.1 | 18770.8 | 16911.3 | 17612.3 | 19217.8 | 20298.7 | 20149.6 | 18011.1 | 17803.3 | 21121.3 |
| 52.5° | 20025.8 | 20019.5 | 19142.3 | 17532.6 | 19102.4 | 21484.4 | 22563.2 | 22225.3 | 19316.5 | 18586.1 | 21864.3 |
| 55° | 20758.3 | 20766.7 | 19937.7 | 18414.0 | 20372.1 | 23314.5 | 24468.8 | 24223.2 | 20693.2 | 19908.3 | 22731.0 |
| 57.5° | 21648.1 | 21679.6 | 21068.9 | 19444.5 | 21585.2 | 24640.9 | 25891.7 | 25797.3 | 22554.8 | 21379.5 | 23549.5 |
| 59° | 21763.5 | 21826.5 | 21604.0 | 20170.6 | 22305.0 | 25048.0 | 26378.6 | 26470.9 | 23551.6 | 22349.1 | 23992.4 |
| 60° | 21553.7 | 21658.6 | 21759.3 | 20582.0 | 22726.8 | 25194.9 | 26408.0 | 26588.5 | 24300.9 | 23008.1 | 24193.8 |
| 62.5° | 20638.6 | 20804.4 | 21310.2 | 21847.5 | 23253.6 | 24737.4 | 25469.9 | 25847.6 | 25228.5 | 24739.5 | 24212.7 |
| 65° | 19440.3 | 19526.3 | 20256.7 | 22072.1 | 22231.6 | 22600.9 | 22827.6 | 23312.4 | 24114.1 | 25406.9 | 23346.0 |
| 67.5° | 17475.9 | 17729.8 | 18623.9 | 20768.8 | 19215.7 | 18779.2 | 18722.5 | 18239.8 | 20321.7 | 23816.1 | 21209.5 |
| 70° | 14437.0 | 14550.3 | 15652.1 | 17026.8 | 14502.0 | 13830.4 | 14099.1 | 13918.6 | 15752.9 | 20502.2 | 17070.8 |
| 72.5° | 10917.5 | 11173.5 | 12250.1 | 13572.3 | 9868.1 | 8997.1 | 9738.0 | 9670.8 | 11832.5 | 16476.9 | 11727.5 |
| 75° | 7767.3 | 7933.1 | 9305.6 | 10621.5 | 6911.0 | 5855.4 | 6121.9 | 6371.7 | 8260.5 | 13009.9 | 6929.9 |
| 77.5° | 5337.0 | 5479.7 | 6510.2 | 7024.4 | 5041.1 | 4829.1 | 4417.8 | 4659.1 | 5412.6 | 7719.0 | 3771.4 |
| 80° | 3219.4 | 3213.1 | 3891.0 | 4016.9 | 3511.1 | 4077.8 | 3420.9 | 3840.6 | 3271.9 | 3303.4 | 1460.7 |
| 82.5° | 2090.3 | 2069.3 | 2379.9 | 2594.0 | 1953.9 | 2054.6 | 1378.8 | 1987.5 | 2132.3 | 921.3 | 461.7 |
| 85° | 936.0 | 975.9 | 1143.8 | 1509.0 | 856.3 | 455.4 | 281.2 | 610.7 | 908.7 | 463.8 | 0.0 |
| 87.5° | 96.5 | 75.6 | 201.5 | 367.3 | 117.5 | 12.6 | 42.0 | 21.0 | 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: P455335

CATALOG NUMBER: GALN-SA6C-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 |
| 2.5° | 9989.8 | 9868.1 | 9505.0 | 9165.0 | 8873.3 | 8516.5 | 8285.7 | 7922.6 | 7702.2 | 7635.1 | 7645.6 |
| 5° | 9589.0 | 9238.5 | 8548.0 | 7996.1 | 7381.1 | 7030.7 | 6497.6 | 5985.5 | 5708.5 | 5605.6 | 5559.5 |
| 7.5° | 8749.5 | 8373.8 | 7540.6 | 6673.9 | 6014.9 | 5400.0 | 5003.3 | 4552.1 | 4243.6 | 3989.6 | 3945.6 |
| 10° | 8126.2 | 7633.0 | 6600.4 | 5668.6 | 5148.1 | 4686.4 | 4289.7 | 3838.5 | 3475.5 | 3185.8 | 3106.1 |
| 12.5° | 7752.6 | 7200.6 | 6048.5 | 5267.7 | 4774.5 | 4300.2 | 3784.0 | 3261.4 | 2889.9 | 2577.2 | 2432.4 |
| 15° | 7685.4 | 7045.3 | 5893.2 | 4980.2 | 4371.6 | 3798.7 | 3112.4 | 2547.8 | 2165.9 | 1869.9 | 1779.7 |
| 17.5° | 8090.5 | 7324.5 | 5870.1 | 4680.1 | 3844.8 | 3032.6 | 2319.1 | 1851.1 | 1420.8 | 1255.0 | 1190.0 |
| 20° | 8812.5 | 7817.7 | 5868.0 | 4331.7 | 3303.4 | 2335.9 | 1628.6 | 1206.8 | 1032.6 | 952.8 | 915.0 |
| 22.5° | 9796.7 | 8489.3 | 5979.2 | 4031.6 | 2740.9 | 1723.0 | 1162.7 | 961.2 | 860.5 | 795.4 | 780.7 |
| 25° | 10999.3 | 9484.0 | 6252.0 | 3828.0 | 2310.7 | 1351.6 | 959.1 | 822.7 | 738.7 | 709.4 | 696.8 |
| 27.5° | 12067.5 | 10436.8 | 6552.1 | 3618.2 | 2002.2 | 1196.3 | 889.8 | 753.4 | 686.3 | 663.2 | 644.3 |
| 30° | 12988.9 | 11301.5 | 6697.0 | 3341.1 | 1754.5 | 1095.5 | 902.4 | 805.9 | 717.8 | 648.5 | 617.0 |
| 32.5° | 13757.0 | 11964.7 | 6791.4 | 3089.3 | 1544.6 | 896.1 | 713.6 | 623.3 | 583.4 | 558.3 | 537.3 |
| 35° | 14718.2 | 12682.5 | 6734.7 | 2946.6 | 1437.6 | 816.4 | 650.6 | 537.3 | 470.1 | 419.7 | 398.8 |
| 37.5° | 15725.6 | 13400.2 | 6636.1 | 2829.1 | 1389.3 | 757.6 | 619.1 | 510.0 | 436.5 | 384.1 | 356.8 |
| 40° | 16768.6 | 14065.5 | 6520.7 | 2719.9 | 1345.3 | 719.9 | 600.2 | 486.9 | 413.4 | 356.8 | 327.4 |
| 42.5° | 17723.5 | 14714.0 | 6474.5 | 2648.6 | 1273.9 | 726.2 | 585.5 | 476.4 | 390.4 | 331.6 | 306.4 |
| 45° | 18495.9 | 15328.9 | 6537.5 | 2610.8 | 1196.3 | 715.7 | 589.7 | 463.8 | 371.5 | 314.8 | 289.6 |
| 47.5° | 19320.7 | 16197.8 | 6741.0 | 2573.0 | 1120.7 | 665.3 | 621.2 | 461.7 | 363.1 | 304.3 | 277.0 |
| 50° | 20279.8 | 17310.1 | 7206.9 | 2480.7 | 1028.4 | 610.7 | 661.1 | 459.6 | 352.6 | 291.7 | 264.4 |
| 52.5° | 21557.9 | 18573.5 | 7687.5 | 2319.1 | 894.0 | 558.3 | 631.7 | 453.3 | 331.6 | 277.0 | 249.7 |
| 55° | 22705.9 | 19904.1 | 8094.7 | 2128.1 | 724.1 | 482.7 | 568.7 | 426.0 | 295.9 | 251.8 | 226.7 |
| 57.5° | 23180.2 | 20655.4 | 8082.1 | 1863.6 | 579.2 | 423.9 | 468.0 | 390.4 | 258.1 | 222.5 | 201.5 |
| 59° | 23006.0 | 20561.0 | 7811.4 | 1668.5 | 528.9 | 392.5 | 388.3 | 386.2 | 241.4 | 201.5 | 184.7 |
| 60° | 22760.4 | 20216.8 | 7519.7 | 1571.9 | 497.4 | 371.5 | 356.8 | 382.0 | 226.7 | 188.9 | 172.1 |
| 62.5° | 21820.2 | 18789.7 | 6552.1 | 1408.2 | 455.4 | 314.8 | 285.4 | 323.2 | 201.5 | 163.7 | 149.0 |
| 65° | 20458.2 | 16596.5 | 5546.9 | 1362.1 | 442.8 | 260.2 | 237.2 | 230.9 | 172.1 | 138.5 | 125.9 |
| 67.5° | 17801.2 | 14044.5 | 4493.3 | 1330.6 | 447.0 | 218.3 | 207.8 | 174.2 | 142.7 | 115.4 | 107.0 |
| 70° | 14252.3 | 10951.0 | 3679.0 | 1294.9 | 451.2 | 178.4 | 174.2 | 138.5 | 115.4 | 96.5 | 88.1 |
| 72.5° | 8659.2 | 6491.3 | 2896.2 | 1124.9 | 438.6 | 142.7 | 155.3 | 104.9 | 83.9 | 69.3 | 65.1 |
| 75° | 5353.8 | 4443.0 | 1796.5 | 875.2 | 289.6 | 104.9 | 109.1 | 65.1 | 56.7 | 44.1 | 44.1 |
| 77.5° | 3101.9 | 2806.0 | 642.2 | 314.8 | 128.0 | 63.0 | 48.3 | 33.6 | 31.5 | 18.9 | 18.9 |
| 80° | 1286.5 | 1030.5 | 222.5 | 107.0 | 69.3 | 29.4 | 10.5 | 2.1 | 0.0 | 0.0 | 0.0 |
| 82.5° | 375.7 | 333.7 | 60.9 | 48.3 | 21.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 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: P455335
 CATALOG NUMBER: GALN-SA6C-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 |
| 2.5° | 7467.2 | 7397.9 | 7366.4 | 7473.5 | 7374.8 | 7500.8 | 7404.2 | 7446.2 | 7570.0 | 7624.6 | 7765.2 |
| 5° | 5588.8 | 5517.5 | 5483.9 | 5645.5 | 5637.1 | 5716.9 | 5708.5 | 5781.9 | 5844.9 | 5704.3 | 5849.1 |
| 7.5° | 3893.1 | 3844.8 | 3924.6 | 4050.5 | 4184.8 | 4140.7 | 4140.7 | 4042.1 | 4075.7 | 4054.7 | 4048.4 |
| 10° | 2961.3 | 2795.5 | 2753.5 | 2749.3 | 2799.7 | 2810.2 | 2753.5 | 2617.1 | 2667.5 | 2682.1 | 2770.3 |
| 12.5° | 2329.6 | 2201.5 | 2006.4 | 1918.2 | 1895.1 | 1914.0 | 1727.2 | 1607.6 | 1664.3 | 1630.7 | 1716.7 |
| 15° | 1670.6 | 1565.6 | 1450.2 | 1351.6 | 1324.3 | 1286.5 | 1082.9 | 940.2 | 923.4 | 929.7 | 944.4 |
| 17.5° | 1192.1 | 1120.7 | 1120.7 | 1015.8 | 959.1 | 845.8 | 742.9 | 680.0 | 673.7 | 680.0 | 690.5 |
| 20° | 879.4 | 841.6 | 837.4 | 810.1 | 747.1 | 671.6 | 600.2 | 587.6 | 583.4 | 593.9 | 598.1 |
| 22.5° | 757.6 | 717.8 | 684.2 | 682.1 | 623.3 | 560.4 | 526.8 | 510.0 | 512.1 | 516.3 | 526.8 |
| 25° | 677.9 | 635.9 | 600.2 | 579.2 | 537.3 | 493.2 | 461.7 | 453.3 | 453.3 | 459.6 | 461.7 |
| 27.5° | 621.2 | 568.7 | 537.3 | 507.9 | 470.1 | 432.3 | 405.0 | 398.8 | 394.6 | 398.8 | 409.2 |
| 30° | 581.3 | 528.9 | 489.0 | 444.9 | 415.5 | 379.9 | 356.8 | 348.4 | 346.3 | 348.4 | 356.8 |
| 32.5° | 497.4 | 465.9 | 434.4 | 394.6 | 358.9 | 335.8 | 310.6 | 295.9 | 295.9 | 300.1 | 308.5 |
| 35° | 375.7 | 358.9 | 356.8 | 346.3 | 316.9 | 291.7 | 262.3 | 247.6 | 247.6 | 256.0 | 260.2 |
| 37.5° | 331.6 | 300.1 | 295.9 | 291.7 | 279.1 | 245.5 | 218.3 | 205.7 | 203.6 | 209.9 | 218.3 |
| 40° | 302.2 | 266.5 | 247.6 | 243.4 | 245.5 | 207.8 | 178.4 | 165.8 | 165.8 | 167.9 | 176.3 |
| 42.5° | 279.1 | 237.2 | 203.6 | 199.4 | 207.8 | 174.2 | 144.8 | 132.2 | 132.2 | 132.2 | 142.7 |
| 45° | 260.2 | 212.0 | 172.1 | 151.1 | 163.7 | 142.7 | 117.5 | 104.9 | 100.7 | 104.9 | 109.1 |
| 47.5° | 247.6 | 193.1 | 151.1 | 121.7 | 121.7 | 113.3 | 94.4 | 79.8 | 75.6 | 77.7 | 83.9 |
| 50° | 237.2 | 176.3 | 128.0 | 98.6 | 88.1 | 90.2 | 71.4 | 60.9 | 56.7 | 56.7 | 63.0 |
| 52.5° | 220.4 | 159.5 | 111.2 | 83.9 | 67.2 | 60.9 | 52.5 | 44.1 | 42.0 | 44.1 | 48.3 |
| 55° | 199.4 | 144.8 | 96.5 | 69.3 | 52.5 | 42.0 | 37.8 | 31.5 | 29.4 | 31.5 | 37.8 |
| 57.5° | 176.3 | 121.7 | 77.7 | 54.6 | 35.7 | 27.3 | 25.2 | 21.0 | 16.8 | 18.9 | 23.1 |
| 59° | 161.6 | 109.1 | 67.2 | 44.1 | 27.3 | 18.9 | 18.9 | 14.7 | 10.5 | 12.6 | 18.9 |
| 60° | 155.3 | 100.7 | 56.7 | 37.8 | 23.1 | 14.7 | 14.7 | 10.5 | 6.3 | 8.4 | 14.7 |
| 62.5° | 132.2 | 83.9 | 44.1 | 23.1 | 10.5 | 2.1 | 6.3 | 2.1 | 0.0 | 2.1 | 6.3 |
| 65° | 111.2 | 67.2 | 29.4 | 10.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 |
| 67.5° | 92.3 | 50.4 | 14.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 73.5 | 33.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 50.4 | 18.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 31.5 | 6.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 12.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 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: P455335
 CATALOG NUMBER: GALN-SA6C-730-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 | 9232.2 |
| 2.5° | 7773.6 | 8073.7 | 8258.4 | 8606.8 | 8963.6 | 9238.5 | 9582.7 | 9891.2 | 10019.2 | 10086.4 |
| 5° | 5996.0 | 6413.6 | 6768.3 | 7299.3 | 7792.5 | 8392.7 | 9001.3 | 9719.1 | 9994.0 | 10065.4 |
| 7.5° | 4207.9 | 4633.9 | 5005.4 | 5620.3 | 6323.4 | 7127.2 | 8038.0 | 8948.9 | 9349.7 | 9463.0 |
| 10° | 3038.9 | 3494.3 | 3947.7 | 4562.6 | 5219.5 | 6090.4 | 7039.0 | 8166.1 | 8627.8 | 8715.9 |
| 12.5° | 1918.2 | 2407.2 | 3143.9 | 3903.6 | 4598.3 | 5299.2 | 6291.9 | 7517.6 | 8027.5 | 8189.1 |
| 15° | 1112.3 | 1477.5 | 2033.6 | 3024.2 | 3907.8 | 4835.4 | 5918.3 | 7274.1 | 7844.9 | 8010.7 |
| 17.5° | 745.0 | 871.0 | 1252.9 | 2010.6 | 3177.4 | 4407.3 | 5823.9 | 7473.5 | 8105.2 | 8317.2 |
| 20° | 627.5 | 684.2 | 818.5 | 1225.6 | 2447.1 | 4025.3 | 5849.1 | 8014.9 | 8843.9 | 9108.4 |
| 22.5° | 552.0 | 604.4 | 690.5 | 881.5 | 1708.3 | 3551.0 | 5968.7 | 8789.4 | 9859.7 | 10197.6 |
| 25° | 486.9 | 539.4 | 614.9 | 730.3 | 1148.0 | 3003.2 | 6231.0 | 9922.7 | 11205.0 | 11576.4 |
| 27.5° | 432.3 | 480.6 | 545.7 | 644.3 | 883.6 | 2392.5 | 6464.0 | 11026.6 | 12432.7 | 12734.9 |
| 30° | 382.0 | 421.8 | 484.8 | 560.4 | 734.5 | 1844.8 | 6581.5 | 11992.0 | 13326.8 | 13662.6 |
| 32.5° | 331.6 | 369.4 | 430.2 | 491.1 | 604.4 | 1406.1 | 6499.7 | 12701.3 | 14195.6 | 14409.7 |
| 35° | 283.3 | 323.2 | 373.6 | 430.2 | 522.6 | 1135.4 | 6090.4 | 13498.9 | 15096.0 | 15263.9 |
| 37.5° | 243.4 | 277.0 | 329.5 | 373.6 | 472.2 | 908.7 | 5595.1 | 14216.6 | 16105.4 | 16346.8 |
| 40° | 205.7 | 239.3 | 291.7 | 331.6 | 434.4 | 715.7 | 5148.1 | 15014.1 | 17169.5 | 17467.5 |
| 42.5° | 167.9 | 207.8 | 253.9 | 319.0 | 373.6 | 545.7 | 4606.7 | 15660.5 | 17969.1 | 18342.7 |
| 45° | 134.3 | 178.4 | 228.8 | 316.9 | 325.3 | 415.5 | 4084.1 | 16164.2 | 18676.4 | 19012.1 |
| 47.5° | 107.0 | 151.1 | 220.4 | 295.9 | 266.5 | 329.5 | 3786.1 | 16691.0 | 19264.0 | 19532.6 |
| 50° | 86.0 | 125.9 | 230.9 | 260.2 | 222.5 | 279.1 | 3777.7 | 17278.6 | 19568.3 | 19746.7 |
| 52.5° | 69.3 | 102.8 | 195.2 | 199.4 | 188.9 | 245.5 | 4004.3 | 17939.7 | 19878.9 | 20025.8 |
| 55° | 58.8 | 86.0 | 128.0 | 146.9 | 170.0 | 222.5 | 4174.3 | 18957.6 | 20619.8 | 20758.3 |
| 57.5° | 46.2 | 73.5 | 98.6 | 117.5 | 151.1 | 203.6 | 4197.4 | 19742.5 | 21557.9 | 21648.1 |
| 59° | 39.9 | 63.0 | 88.1 | 104.9 | 138.5 | 191.0 | 4103.0 | 19790.8 | 21618.7 | 21763.5 |
| 60° | 33.6 | 56.7 | 77.7 | 98.6 | 128.0 | 180.5 | 4000.1 | 19440.3 | 21392.1 | 21553.7 |
| 62.5° | 25.2 | 44.1 | 56.7 | 79.8 | 104.9 | 155.3 | 3513.2 | 18216.7 | 20525.3 | 20638.6 |
| 65° | 16.8 | 31.5 | 42.0 | 58.8 | 81.8 | 134.3 | 2862.6 | 16630.1 | 19186.3 | 19440.3 |
| 67.5° | 10.5 | 23.1 | 33.6 | 44.1 | 67.2 | 113.3 | 2039.9 | 14260.7 | 17312.2 | 17475.9 |
| 70° | 6.3 | 14.7 | 25.2 | 35.7 | 52.5 | 90.2 | 1211.0 | 11272.1 | 14403.4 | 14437.0 |
| 72.5° | 4.2 | 10.5 | 16.8 | 25.2 | 42.0 | 81.8 | 587.6 | 7347.6 | 10516.6 | 10917.5 |
| 75° | 2.1 | 6.3 | 10.5 | 18.9 | 33.6 | 67.2 | 281.2 | 4908.9 | 7651.9 | 7767.3 |
| 77.5° | 0.0 | 2.1 | 6.3 | 12.6 | 25.2 | 52.5 | 163.7 | 3223.6 | 5217.4 | 5337.0 |
| 80° | 0.0 | 0.0 | 4.2 | 10.5 | 18.9 | 33.6 | 98.6 | 1901.4 | 3160.6 | 3219.4 |
| 82.5° | 0.0 | 0.0 | 2.1 | 8.4 | 12.6 | 25.2 | 50.4 | 835.3 | 2069.3 | 2090.3 |
| 85° | 0.0 | 0.0 | 2.1 | 8.4 | 10.5 | 16.8 | 18.9 | 113.3 | 919.2 | 936.0 |
| 87.5° | 0.0 | 0.0 | 2.1 | 10.5 | 10.5 | 10.5 | 10.5 | 6.3 | 77.7 | 96.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)