

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: P646844

Luminaire Tested: **GALN-SA3C-835-U-SLR-GRSWH**

Issue Date: 5/27/2021

Test Information

Test Method: LM-79-08
Report Number: P646844
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)
Test Lab: INNOVATION CENTER
Issue Date: 5/27/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SA3C-835-U-SLR-GRSWH
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 80 CRI, 3500K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12239.1 lumens
Efficiency: N/A
Efficacy: 76.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B2 - U0 - G2

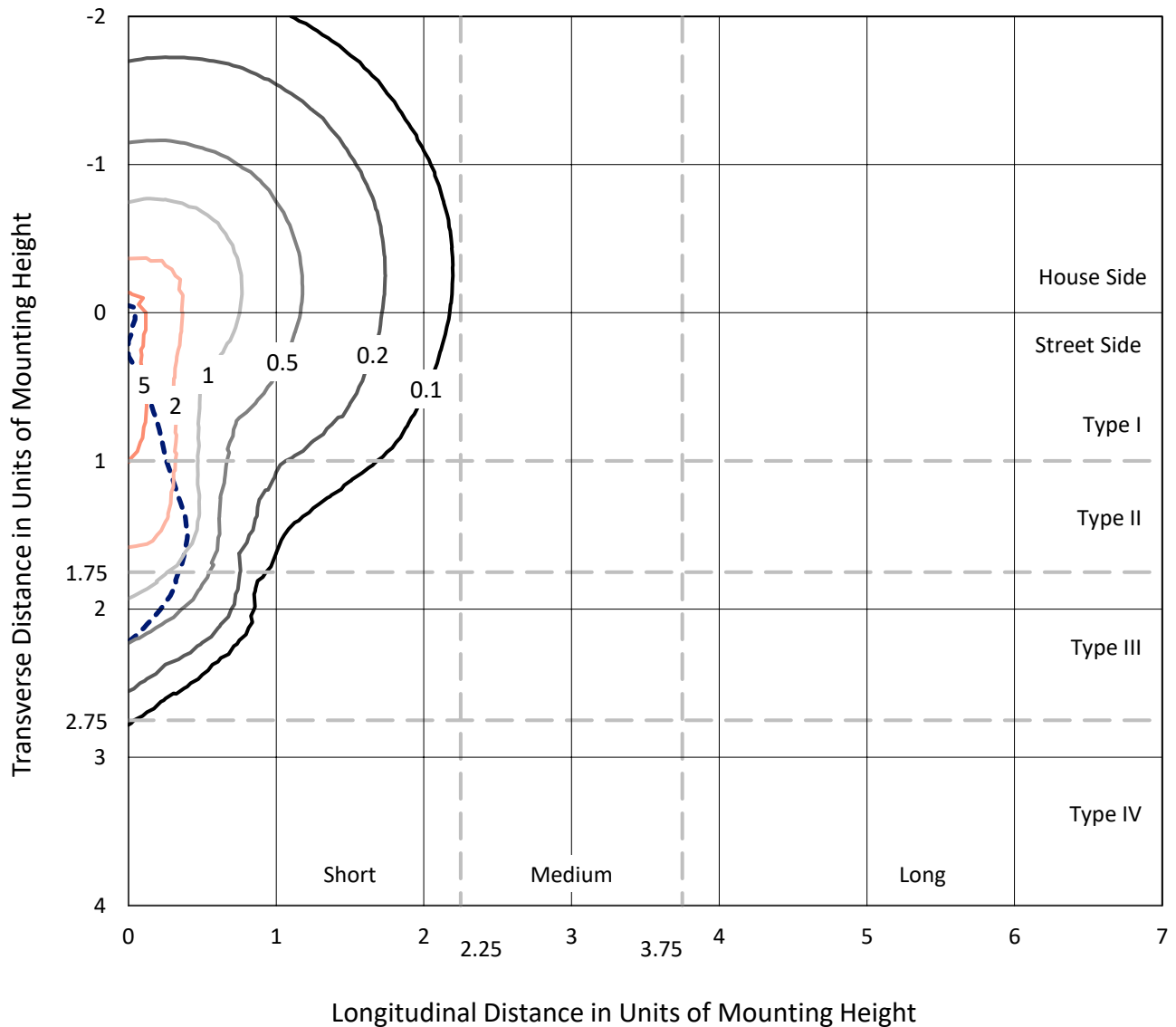
Input Watts (W): 160
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

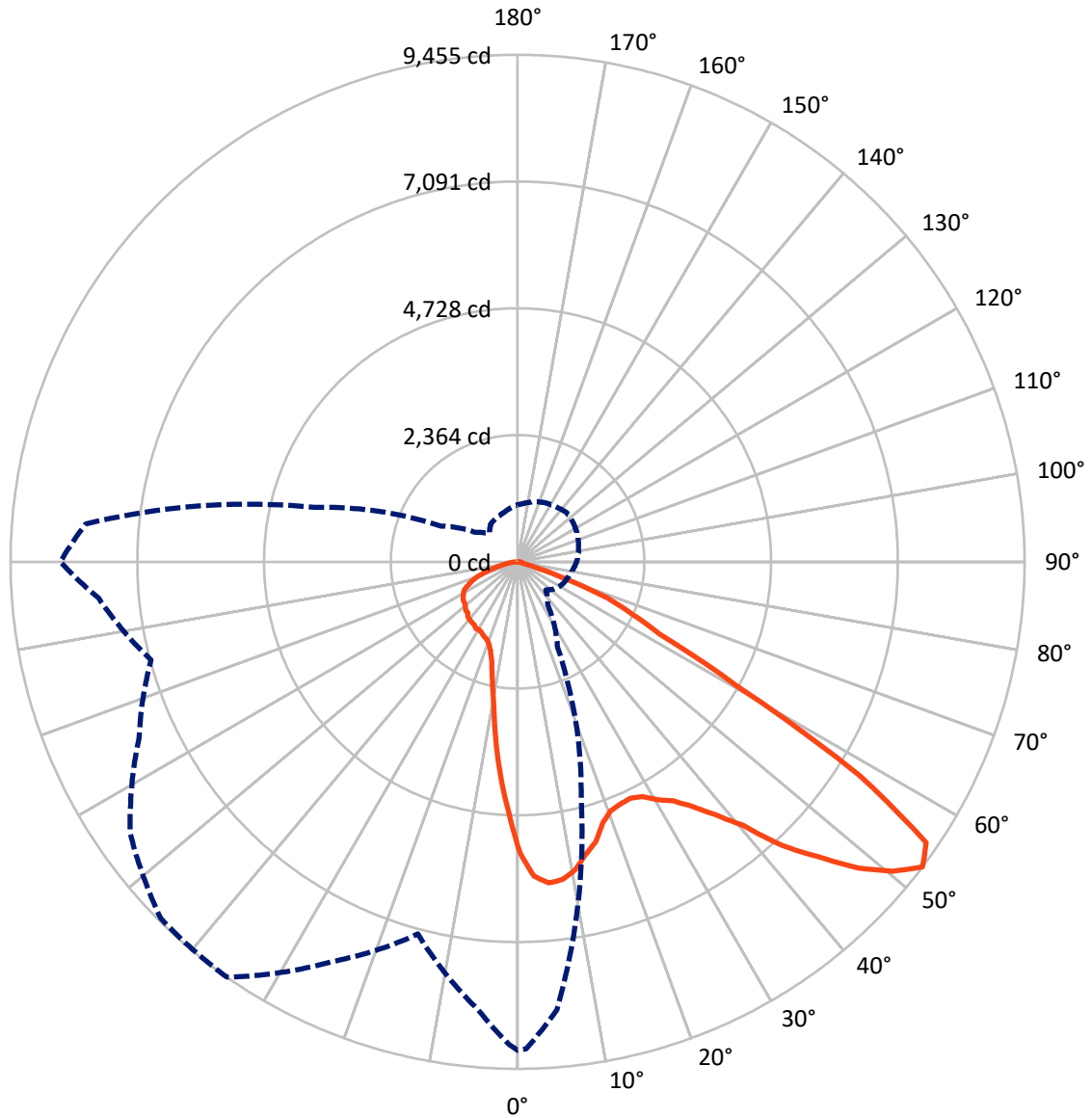
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 325-Deg Lateral - - - Horizontal Cone Through 52.5-Deg Vertical

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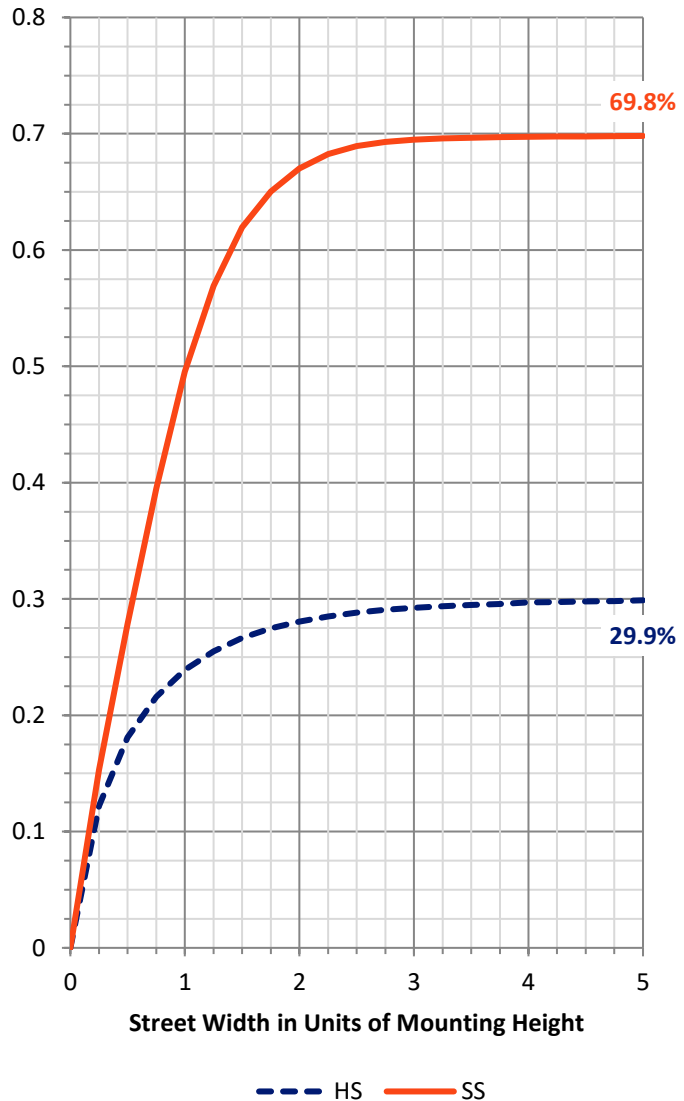
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 3689.6 | 0.0 | 3689.6 |
| | % Fixture | 30.1 | 0.0 | 30.1 |
| Street Side | Lumens | 8549.5 | 0.0 | 8549.5 |
| | % Fixture | 69.9 | 0.0 | 69.9 |
| Total | Lumens | 12239.1 | 0.0 | 12239.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 414.4 | 3.4 |
| 10°-20° | 898.4 | 7.3 |
| 20°-30° | 1357.3 | 11.1 |
| 30°-40° | 1961.4 | 16.0 |
| 40°-50° | 2610.3 | 21.3 |
| 50°-60° | 2919.7 | 23.9 |
| 60°-70° | 1645.5 | 13.4 |
| 70°-80° | 366.8 | 3.0 |
| 80°-90° | 65.3 | 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° | 12239.1 | 100.0 |
| 0°-180° | 12239.1 | 100.0 |

Coefficient of Utilization

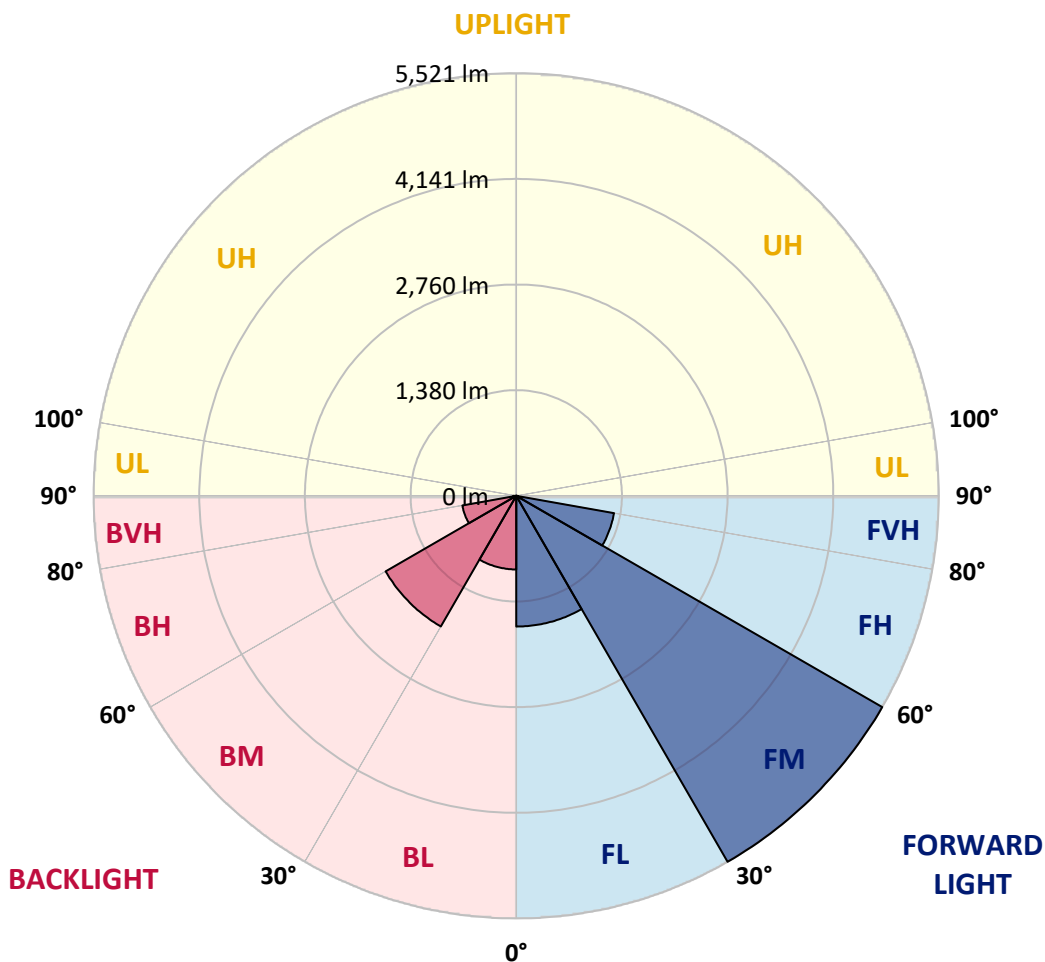


REPORT NUMBER: P646844
 CATALOG NUMBER: GALN-SA3C-835-U-SLR-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1707.9 | 14.0 | | | |
| FM (30°-60°) | 5520.8 | 45.1 | | | |
| FH (60°-80°) | 1297.2 | 10.6 | | | G1/1800 |
| FVH (80°-90°) | 23.6 | 0.2 | | | G1/100 |
| BL (0°-30°) | 962.2 | 7.9 | B2/1000 | | |
| BM (30°-60°) | 1970.6 | 16.1 | B2/2500 | | |
| BH (60°-80°) | 715.2 | 5.8 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 41.7 | 0.3 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G2
 Type III Short





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CATALOG NUMBER: GALN-SA3C-835-U-SLR-GRSWH

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 |
| 2.5° | 5522.3 | 5611.0 | 5515.1 | 5344.8 | 5224.3 | 5114.2 | 4998.9 | 4975.9 | 4825.1 | 4798.5 | 4688.5 |
| 5° | 5208.3 | 5188.8 | 5071.6 | 4848.2 | 4601.6 | 4378.1 | 4213.1 | 4053.4 | 3945.2 | 3819.2 | 3810.4 |
| 7.5° | 4826.9 | 4713.3 | 4645.9 | 4307.1 | 4002.0 | 3650.7 | 3499.9 | 3257.0 | 3180.6 | 3067.1 | 3008.6 |
| 10° | 4486.3 | 4402.9 | 4245.0 | 3906.2 | 3480.4 | 3248.0 | 3086.7 | 2955.4 | 2866.6 | 2749.6 | 2602.4 |
| 12.5° | 4317.8 | 4284.0 | 4106.7 | 3581.6 | 3265.8 | 3017.4 | 2903.9 | 2776.2 | 2625.4 | 2437.4 | 2364.7 |
| 15° | 4347.9 | 4234.4 | 4099.6 | 3519.5 | 3083.1 | 2843.6 | 2662.7 | 2503.0 | 2309.7 | 2130.5 | 2025.9 |
| 17.5° | 4573.2 | 4486.3 | 4216.6 | 3558.5 | 3013.9 | 2668.0 | 2339.8 | 2103.8 | 1930.0 | 1768.6 | 1695.9 |
| 20° | 5016.7 | 4890.7 | 4587.4 | 3608.1 | 2864.9 | 2423.2 | 2047.2 | 1756.2 | 1569.9 | 1484.8 | 1460.0 |
| 22.5° | 5508.1 | 5433.6 | 4949.3 | 3720.0 | 2746.1 | 2196.2 | 1736.7 | 1445.7 | 1376.6 | 1353.5 | 1399.6 |
| 25° | 6105.8 | 5912.5 | 5511.6 | 3902.6 | 2653.8 | 2002.8 | 1474.2 | 1312.7 | 1277.2 | 1300.3 | 1353.5 |
| 27.5° | 6560.0 | 6508.5 | 5905.4 | 4074.7 | 2527.8 | 1770.4 | 1326.9 | 1220.5 | 1231.1 | 1254.1 | 1303.9 |
| 30° | 7099.3 | 6838.5 | 6286.8 | 4193.6 | 2414.3 | 1610.7 | 1224.0 | 1195.6 | 1206.3 | 1245.3 | 1270.1 |
| 32.5° | 7423.9 | 7326.3 | 6526.3 | 4372.7 | 2283.1 | 1472.4 | 1144.2 | 1117.6 | 1133.5 | 1192.1 | 1250.6 |
| 35° | 7837.2 | 7643.9 | 6822.5 | 4418.9 | 2190.8 | 1417.4 | 1087.4 | 1067.9 | 1105.1 | 1145.9 | 1211.6 |
| 37.5° | 8319.8 | 8186.7 | 7232.3 | 4386.9 | 2141.1 | 1360.6 | 1039.5 | 1030.7 | 1057.3 | 1114.1 | 1190.3 |
| 40° | 8605.3 | 8564.5 | 7447.0 | 4406.4 | 2063.0 | 1310.9 | 984.5 | 995.2 | 1050.2 | 1094.5 | 1169.0 |
| 42.5° | 8880.3 | 8614.2 | 7764.5 | 4399.4 | 2013.4 | 1243.6 | 989.9 | 977.4 | 1020.0 | 1071.5 | 1142.4 |
| 45° | 8940.6 | 8676.3 | 7839.0 | 4349.6 | 1953.1 | 1177.9 | 949.1 | 954.4 | 1005.8 | 1069.7 | 1115.8 |
| 47.5° | 8901.6 | 8706.5 | 7977.4 | 4335.5 | 1896.3 | 1131.7 | 888.7 | 952.6 | 982.7 | 1034.2 | 1099.8 |
| 50° | 8875.0 | 8864.3 | 8094.4 | 4402.9 | 1820.1 | 1059.0 | 816.0 | 929.6 | 959.7 | 1011.2 | 1082.1 |
| 52.5° | 9109.1 | 9086.1 | 8387.2 | 4580.3 | 1759.7 | 981.0 | 741.5 | 871.0 | 943.7 | 993.4 | 1062.6 |
| 55° | 9251.1 | 9149.9 | 8889.2 | 4798.5 | 1658.6 | 878.1 | 690.1 | 798.3 | 904.7 | 949.1 | 1020.0 |
| 57.5° | 8321.5 | 8252.4 | 8041.3 | 4479.2 | 1488.3 | 743.3 | 626.2 | 723.7 | 851.5 | 920.7 | 993.4 |
| 60° | 6923.7 | 6815.5 | 6274.4 | 3806.9 | 1098.1 | 578.3 | 587.2 | 665.2 | 837.3 | 863.9 | 949.1 |
| 62.5° | 6528.0 | 6260.2 | 5524.0 | 3063.6 | 842.6 | 496.7 | 526.9 | 612.0 | 762.8 | 807.1 | 892.3 |
| 65° | 5179.9 | 4981.2 | 3952.3 | 2212.1 | 564.1 | 431.0 | 480.8 | 551.7 | 658.1 | 745.0 | 823.1 |
| 67.5° | 3242.7 | 3052.9 | 2109.2 | 1046.6 | 393.8 | 368.9 | 429.3 | 503.8 | 590.7 | 668.8 | 755.7 |
| 70° | 1694.1 | 1486.5 | 973.9 | 377.9 | 271.4 | 301.5 | 358.3 | 429.3 | 514.4 | 578.3 | 645.7 |
| 72.5° | 631.5 | 512.6 | 317.5 | 163.2 | 188.0 | 230.6 | 291.0 | 342.4 | 402.7 | 480.8 | 518.0 |
| 75° | 97.6 | 83.4 | 81.6 | 99.4 | 127.7 | 166.8 | 207.6 | 259.0 | 312.2 | 361.9 | 386.7 |
| 77.5° | 46.1 | 44.3 | 49.6 | 65.6 | 85.1 | 118.9 | 150.8 | 200.4 | 243.0 | 275.0 | 289.2 |
| 80° | 30.1 | 28.3 | 31.9 | 44.3 | 63.9 | 88.7 | 120.7 | 154.3 | 193.3 | 219.9 | 216.4 |
| 82.5° | 17.8 | 19.5 | 19.5 | 30.1 | 44.3 | 63.9 | 86.9 | 117.1 | 143.7 | 166.8 | 152.5 |
| 85° | 10.6 | 8.8 | 8.8 | 17.8 | 30.1 | 51.4 | 72.7 | 49.6 | 51.4 | 51.4 | 58.6 |
| 87.5° | 3.5 | 3.5 | 3.5 | 1.8 | 3.5 | 3.5 | 5.3 | 8.8 | 10.6 | 12.4 | 16.0 |
| 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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CATALOG NUMBER: GALN-SA3C-835-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 |
| 2.5° | 4684.9 | 4740.0 | 4720.4 | 4651.3 | 4704.5 | 4713.3 | 4677.9 | 4800.3 | 4823.3 | 4786.1 | 4796.7 |
| 5° | 3798.0 | 3812.2 | 3844.1 | 3911.6 | 3959.4 | 4016.2 | 4016.2 | 4019.8 | 3971.8 | 4092.4 | 4057.0 |
| 7.5° | 2958.9 | 2967.8 | 3005.1 | 3148.8 | 3189.6 | 3297.8 | 3343.9 | 3311.9 | 3216.2 | 3175.3 | 3209.0 |
| 10° | 2554.5 | 2503.0 | 2490.6 | 2508.3 | 2600.6 | 2646.7 | 2685.8 | 2675.1 | 2659.1 | 2627.2 | 2591.7 |
| 12.5° | 2284.8 | 2247.6 | 2217.4 | 2174.9 | 2180.2 | 2224.5 | 2254.6 | 2229.8 | 2237.0 | 2244.0 | 2254.6 |
| 15° | 1992.1 | 1965.5 | 1949.5 | 1885.7 | 1878.6 | 1908.7 | 1919.4 | 1933.6 | 1960.2 | 1962.0 | 1949.5 |
| 17.5° | 1681.6 | 1658.6 | 1694.1 | 1729.6 | 1704.7 | 1706.5 | 1726.0 | 1738.4 | 1731.4 | 1699.4 | 1683.4 |
| 20° | 1468.8 | 1493.7 | 1529.1 | 1562.9 | 1589.4 | 1605.4 | 1612.5 | 1593.0 | 1569.9 | 1504.3 | 1502.5 |
| 22.5° | 1406.7 | 1438.7 | 1468.8 | 1520.3 | 1545.1 | 1585.9 | 1548.6 | 1504.3 | 1472.4 | 1440.4 | 1403.2 |
| 25° | 1360.6 | 1387.2 | 1447.5 | 1467.0 | 1514.9 | 1548.6 | 1522.0 | 1477.7 | 1422.7 | 1376.6 | 1348.2 |
| 27.5° | 1326.9 | 1357.1 | 1396.1 | 1449.3 | 1486.5 | 1506.1 | 1479.5 | 1461.7 | 1404.9 | 1350.0 | 1309.2 |
| 30° | 1305.6 | 1337.5 | 1408.5 | 1452.9 | 1484.8 | 1500.8 | 1454.7 | 1433.4 | 1392.6 | 1346.4 | 1310.9 |
| 32.5° | 1291.4 | 1319.8 | 1380.1 | 1436.9 | 1458.2 | 1458.2 | 1465.2 | 1440.4 | 1383.6 | 1305.6 | 1275.4 |
| 35° | 1245.3 | 1284.4 | 1334.0 | 1399.6 | 1438.7 | 1461.7 | 1426.2 | 1397.9 | 1360.6 | 1280.8 | 1225.8 |
| 37.5° | 1218.7 | 1245.3 | 1309.2 | 1371.3 | 1404.9 | 1429.8 | 1415.6 | 1365.9 | 1316.2 | 1250.6 | 1206.3 |
| 40° | 1190.3 | 1232.9 | 1289.7 | 1348.2 | 1385.4 | 1410.3 | 1399.6 | 1341.1 | 1280.8 | 1218.7 | 1188.5 |
| 42.5° | 1170.8 | 1199.2 | 1257.7 | 1323.3 | 1367.7 | 1415.6 | 1383.6 | 1310.9 | 1268.4 | 1183.2 | 1149.5 |
| 45° | 1154.8 | 1201.0 | 1263.1 | 1289.7 | 1335.8 | 1385.4 | 1328.7 | 1284.4 | 1234.6 | 1172.5 | 1144.2 |
| 47.5° | 1135.4 | 1177.9 | 1218.7 | 1289.7 | 1310.9 | 1334.0 | 1323.3 | 1252.4 | 1209.8 | 1142.4 | 1122.9 |
| 50° | 1128.2 | 1144.2 | 1218.7 | 1257.7 | 1287.9 | 1310.9 | 1282.6 | 1229.3 | 1188.5 | 1119.4 | 1076.8 |
| 52.5° | 1099.8 | 1130.0 | 1177.9 | 1229.3 | 1266.6 | 1295.0 | 1248.9 | 1215.1 | 1160.2 | 1087.4 | 1060.8 |
| 55° | 1064.3 | 1082.1 | 1167.2 | 1220.5 | 1240.0 | 1259.5 | 1241.8 | 1186.8 | 1130.0 | 1055.5 | 1028.9 |
| 57.5° | 1018.2 | 1059.0 | 1128.2 | 1202.7 | 1227.6 | 1238.2 | 1209.8 | 1165.5 | 1094.5 | 1028.9 | 986.3 |
| 60° | 970.4 | 1012.9 | 1089.2 | 1149.5 | 1174.3 | 1213.3 | 1170.8 | 1144.2 | 1062.6 | 989.9 | 943.7 |
| 62.5° | 922.5 | 970.4 | 1027.1 | 1103.4 | 1124.7 | 1140.7 | 1130.0 | 1092.8 | 1027.1 | 945.5 | 888.7 |
| 65° | 865.7 | 901.2 | 972.1 | 1011.2 | 1025.3 | 1062.6 | 1025.3 | 1011.2 | 952.6 | 874.5 | 826.6 |
| 67.5° | 780.5 | 810.7 | 872.8 | 910.0 | 920.7 | 936.6 | 934.8 | 918.9 | 853.2 | 800.1 | 757.5 |
| 70° | 682.9 | 709.6 | 748.6 | 792.9 | 798.3 | 817.8 | 800.1 | 796.5 | 754.0 | 681.2 | 658.1 |
| 72.5° | 548.2 | 573.0 | 624.4 | 643.9 | 645.7 | 652.8 | 643.9 | 631.5 | 620.8 | 544.6 | 521.6 |
| 75° | 420.4 | 434.6 | 459.5 | 477.2 | 477.2 | 486.1 | 480.8 | 468.3 | 440.0 | 392.0 | 368.9 |
| 77.5° | 292.7 | 306.9 | 338.8 | 349.5 | 347.7 | 351.3 | 335.3 | 322.8 | 280.3 | 255.4 | 235.9 |
| 80° | 212.9 | 221.7 | 237.7 | 244.8 | 246.6 | 251.9 | 232.4 | 221.7 | 196.9 | 168.5 | 159.7 |
| 82.5° | 154.3 | 159.7 | 161.5 | 170.3 | 170.3 | 161.5 | 156.1 | 145.5 | 127.7 | 110.0 | 102.9 |
| 85° | 63.9 | 65.6 | 67.4 | 78.1 | 79.9 | 95.8 | 88.7 | 83.4 | 72.7 | 62.1 | 56.8 |
| 87.5° | 16.0 | 17.8 | 23.1 | 19.5 | 23.1 | 23.1 | 24.8 | 28.3 | 28.3 | 23.1 | 23.1 |
| 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: GALN-SA3C-835-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 |
| 2.5° | 4837.5 | 4851.7 | 5032.7 | 5055.7 | 5144.4 | 5234.9 | 5417.6 | 5548.9 | 5655.3 | 5724.5 | 5744.0 |
| 5° | 4094.2 | 4184.7 | 4268.1 | 4402.9 | 4525.3 | 4699.2 | 4899.6 | 5147.9 | 5460.2 | 5619.8 | 5683.6 |
| 7.5° | 3205.5 | 3311.9 | 3432.6 | 3563.8 | 3743.0 | 4055.2 | 4323.1 | 4610.5 | 5009.6 | 5174.5 | 5424.7 |
| 10° | 2616.6 | 2735.4 | 2895.1 | 2996.1 | 3212.6 | 3510.6 | 3822.8 | 4154.5 | 4535.9 | 4773.6 | 5062.8 |
| 12.5° | 2313.2 | 2410.8 | 2558.0 | 2770.9 | 2932.3 | 3125.7 | 3358.1 | 3776.7 | 4323.1 | 4548.4 | 4747.0 |
| 15° | 1977.9 | 2086.1 | 2256.4 | 2492.4 | 2685.8 | 2916.4 | 3177.1 | 3633.0 | 4214.9 | 4562.5 | 4731.0 |
| 17.5° | 1701.2 | 1779.3 | 1958.4 | 2162.4 | 2384.2 | 2636.0 | 3010.3 | 3625.9 | 4328.4 | 4773.6 | 5048.6 |
| 20° | 1509.6 | 1520.3 | 1617.8 | 1791.7 | 2093.3 | 2421.4 | 2907.4 | 3590.4 | 4692.0 | 5137.3 | 5485.0 |
| 22.5° | 1389.0 | 1378.3 | 1380.1 | 1527.3 | 1738.4 | 2210.3 | 2746.1 | 3711.0 | 5105.4 | 5715.6 | 5949.8 |
| 25° | 1328.7 | 1300.3 | 1282.6 | 1314.5 | 1506.1 | 1960.2 | 2623.7 | 3870.7 | 5550.6 | 6192.8 | 6480.2 |
| 27.5° | 1296.7 | 1247.1 | 1211.6 | 1216.9 | 1357.1 | 1834.3 | 2547.3 | 3939.9 | 5992.3 | 6858.0 | 6959.1 |
| 30° | 1284.4 | 1222.3 | 1170.8 | 1153.0 | 1245.3 | 1658.6 | 2384.2 | 4058.8 | 6387.9 | 7223.4 | 7310.4 |
| 32.5° | 1240.0 | 1163.7 | 1114.1 | 1098.1 | 1135.4 | 1504.3 | 2267.1 | 4143.9 | 6737.4 | 7620.8 | 7590.6 |
| 35° | 1188.5 | 1124.7 | 1062.6 | 1032.5 | 1059.0 | 1404.9 | 2173.1 | 4103.1 | 7148.9 | 7929.4 | 7913.5 |
| 37.5° | 1183.2 | 1099.8 | 1048.4 | 998.7 | 996.9 | 1282.6 | 2045.4 | 4142.1 | 7411.5 | 8482.9 | 8264.7 |
| 40° | 1137.1 | 1083.9 | 1016.5 | 975.7 | 952.6 | 1220.5 | 1921.2 | 4049.9 | 7796.4 | 8706.5 | 8491.8 |
| 42.5° | 1138.9 | 1059.0 | 1000.5 | 952.6 | 929.6 | 1130.0 | 1836.1 | 4025.0 | 7931.2 | 9070.1 | 8598.3 |
| 45° | 1110.5 | 1032.5 | 982.7 | 926.0 | 913.6 | 1060.8 | 1754.4 | 3909.8 | 8169.0 | 9087.8 | 8465.2 |
| 47.5° | 1082.1 | 1012.9 | 959.7 | 892.3 | 863.9 | 1036.0 | 1690.6 | 3813.9 | 8044.8 | 8921.1 | 8280.7 |
| 50° | 1062.6 | 982.7 | 933.1 | 885.2 | 805.4 | 993.4 | 1607.2 | 3790.9 | 7871.0 | 8695.8 | 7938.4 |
| 52.5° | 1028.9 | 957.9 | 906.5 | 869.2 | 741.5 | 954.4 | 1575.2 | 3925.7 | 8083.8 | 8527.3 | 7839.0 |
| 55° | 996.9 | 924.3 | 858.6 | 785.8 | 688.3 | 851.5 | 1486.5 | 4051.6 | 8394.2 | 8915.8 | 8289.5 |
| 57.5° | 963.2 | 894.0 | 823.1 | 736.2 | 636.8 | 745.0 | 1394.3 | 4074.7 | 7812.4 | 8239.9 | 7869.2 |
| 60° | 918.9 | 830.2 | 777.0 | 663.4 | 581.8 | 617.3 | 1105.1 | 3592.2 | 6059.7 | 6881.1 | 6893.5 |
| 62.5° | 869.2 | 773.4 | 727.3 | 594.3 | 525.1 | 532.2 | 901.2 | 3019.2 | 4915.6 | 5696.1 | 6034.9 |
| 65° | 803.6 | 711.4 | 656.4 | 549.9 | 484.3 | 461.2 | 659.9 | 2212.1 | 3734.1 | 4621.1 | 5006.0 |
| 67.5° | 718.5 | 631.5 | 562.4 | 479.0 | 432.8 | 395.6 | 450.6 | 1245.3 | 2205.0 | 3102.6 | 3219.7 |
| 70° | 628.0 | 553.5 | 480.8 | 411.5 | 360.1 | 333.5 | 330.0 | 551.7 | 1053.7 | 1669.3 | 1899.9 |
| 72.5° | 494.9 | 441.7 | 383.2 | 331.8 | 298.0 | 259.0 | 235.9 | 228.9 | 356.6 | 679.4 | 938.4 |
| 75° | 354.8 | 310.5 | 276.7 | 243.0 | 218.2 | 196.9 | 179.2 | 163.2 | 149.0 | 170.3 | 234.2 |
| 77.5° | 223.5 | 207.6 | 181.0 | 172.1 | 157.9 | 152.5 | 145.5 | 136.6 | 126.0 | 118.9 | 118.9 |
| 80° | 150.8 | 140.2 | 131.3 | 129.5 | 124.2 | 122.4 | 124.2 | 115.3 | 104.7 | 95.8 | 99.4 |
| 82.5° | 101.1 | 99.4 | 97.6 | 95.8 | 97.6 | 99.4 | 102.9 | 101.1 | 92.2 | 86.9 | 88.7 |
| 85° | 60.3 | 63.9 | 67.4 | 70.9 | 78.1 | 69.2 | 56.8 | 47.9 | 42.6 | 39.0 | 37.3 |
| 87.5° | 23.1 | 31.9 | 28.3 | 26.6 | 28.3 | 26.6 | 24.8 | 23.1 | 19.5 | 17.8 | 17.8 |
| 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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CATALOG NUMBER: GALN-SA3C-835-U-SLR-GRSWH

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 | 5431.7 |
| 2.5° | 5873.5 | 5909.0 | 5939.1 | 5932.0 | 5869.9 | 5786.5 | 5752.9 | 5580.8 | 5545.3 | 5522.3 |
| 5° | 5953.3 | 6159.1 | 6203.5 | 6176.9 | 6015.4 | 5811.4 | 5612.7 | 5360.8 | 5213.6 | 5208.3 |
| 7.5° | 5806.1 | 6059.7 | 6139.6 | 6199.9 | 5985.3 | 5630.5 | 5289.9 | 4912.0 | 4819.8 | 4826.9 |
| 10° | 5431.7 | 5836.2 | 6033.2 | 6095.3 | 5848.6 | 5541.8 | 5069.9 | 4686.7 | 4489.8 | 4486.3 |
| 12.5° | 5224.3 | 5541.8 | 5596.7 | 5683.6 | 5611.0 | 5300.5 | 4942.1 | 4512.9 | 4321.3 | 4317.8 |
| 15° | 5039.7 | 5249.1 | 5265.0 | 5387.4 | 5426.4 | 5217.1 | 4975.9 | 4518.2 | 4363.9 | 4347.9 |
| 17.5° | 5201.2 | 5055.7 | 4995.4 | 5011.4 | 5126.7 | 5203.0 | 5171.0 | 4819.8 | 4661.9 | 4573.2 |
| 20° | 5309.4 | 4984.7 | 4802.1 | 4819.8 | 4956.4 | 5234.9 | 5461.9 | 5256.1 | 5006.0 | 5016.7 |
| 22.5° | 5598.5 | 4995.4 | 4709.8 | 4690.2 | 4906.7 | 5401.6 | 5790.1 | 5807.8 | 5566.6 | 5508.1 |
| 25° | 6031.4 | 5117.8 | 4681.4 | 4676.1 | 4883.6 | 5580.8 | 6173.3 | 6460.7 | 6214.0 | 6105.8 |
| 27.5° | 6379.0 | 5309.4 | 4770.1 | 4787.8 | 4956.4 | 5726.2 | 6499.7 | 6881.1 | 6693.0 | 6560.0 |
| 30° | 6684.2 | 5508.1 | 4894.3 | 4812.7 | 5151.5 | 5802.5 | 6639.8 | 7360.0 | 7209.2 | 7099.3 |
| 32.5° | 6810.1 | 5790.1 | 5091.1 | 4956.4 | 5312.9 | 5894.7 | 6930.7 | 7824.8 | 7695.3 | 7423.9 |
| 35° | 7023.0 | 5948.0 | 5197.6 | 5187.0 | 5595.0 | 6116.5 | 7067.4 | 8131.7 | 8078.4 | 7837.2 |
| 37.5° | 7193.3 | 6107.6 | 5575.4 | 5458.4 | 5981.7 | 6489.0 | 7287.3 | 8555.7 | 8433.3 | 8319.8 |
| 40° | 7324.6 | 6393.3 | 5928.5 | 6082.8 | 6457.1 | 6827.8 | 7489.6 | 8582.3 | 8935.3 | 8605.3 |
| 42.5° | 7203.9 | 6648.7 | 6508.5 | 6877.6 | 7232.3 | 7214.6 | 7512.6 | 8788.1 | 9052.3 | 8880.3 |
| 45° | 7173.8 | 7081.5 | 7425.7 | 7760.9 | 7842.5 | 7535.7 | 7347.6 | 8561.0 | 9016.9 | 8940.6 |
| 47.5° | 7101.0 | 7507.2 | 8106.9 | 8653.2 | 8529.1 | 7750.3 | 7150.7 | 8520.2 | 9038.2 | 8901.6 |
| 50° | 7076.2 | 7599.5 | 8610.7 | 9142.9 | 9068.3 | 7936.6 | 7058.4 | 8257.7 | 8887.4 | 8875.0 |
| 52.5° | 7074.4 | 7789.4 | 8819.9 | 9408.9 | 9455.0 | 8231.1 | 7184.4 | 8390.7 | 9004.5 | 9109.1 |
| 55° | 7154.3 | 7729.0 | 8793.4 | 9261.7 | 9243.9 | 8099.7 | 7198.6 | 8479.4 | 9148.2 | 9251.1 |
| 57.5° | 6748.1 | 6923.7 | 7257.2 | 7627.9 | 7532.1 | 6709.0 | 6428.7 | 7839.0 | 8396.0 | 8321.5 |
| 60° | 5827.4 | 5277.4 | 4901.3 | 4883.6 | 4697.4 | 4440.2 | 5261.4 | 6996.4 | 6996.4 | 6923.7 |
| 62.5° | 5103.6 | 3464.5 | 2976.7 | 2838.3 | 2971.3 | 3267.6 | 5075.2 | 6804.8 | 6611.4 | 6528.0 |
| 65° | 4463.2 | 2644.9 | 2151.8 | 2112.8 | 2343.4 | 2790.4 | 4589.2 | 5797.2 | 5456.6 | 5179.9 |
| 67.5° | 2872.0 | 1937.1 | 1600.1 | 1530.9 | 1809.4 | 2048.9 | 3054.7 | 3565.6 | 3350.9 | 3242.7 |
| 70° | 1852.0 | 1261.3 | 890.5 | 835.5 | 943.7 | 1263.1 | 1951.3 | 2079.0 | 1766.8 | 1694.1 |
| 72.5° | 876.3 | 544.6 | 312.2 | 257.2 | 289.2 | 482.5 | 771.6 | 830.2 | 690.1 | 631.5 |
| 75° | 278.5 | 200.4 | 127.7 | 110.0 | 104.7 | 124.2 | 177.4 | 136.6 | 99.4 | 97.6 |
| 77.5° | 124.2 | 118.9 | 101.1 | 85.1 | 74.5 | 62.1 | 51.4 | 42.6 | 44.3 | 46.1 |
| 80° | 102.9 | 94.0 | 83.4 | 74.5 | 62.1 | 47.9 | 37.3 | 28.3 | 28.3 | 30.1 |
| 82.5° | 90.4 | 81.6 | 72.7 | 62.1 | 53.2 | 39.0 | 28.3 | 19.5 | 17.8 | 17.8 |
| 85° | 39.0 | 46.1 | 49.6 | 53.2 | 42.6 | 31.9 | 19.5 | 12.4 | 10.6 | 10.6 |
| 87.5° | 16.0 | 14.2 | 12.4 | 10.6 | 8.8 | 8.8 | 7.1 | 5.3 | 3.5 | 3.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)