

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: P324495

Luminaire Tested: **GAN-SA1D-740-U-SLR-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P324495
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-28)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-SA1D-740-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 4000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6023 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

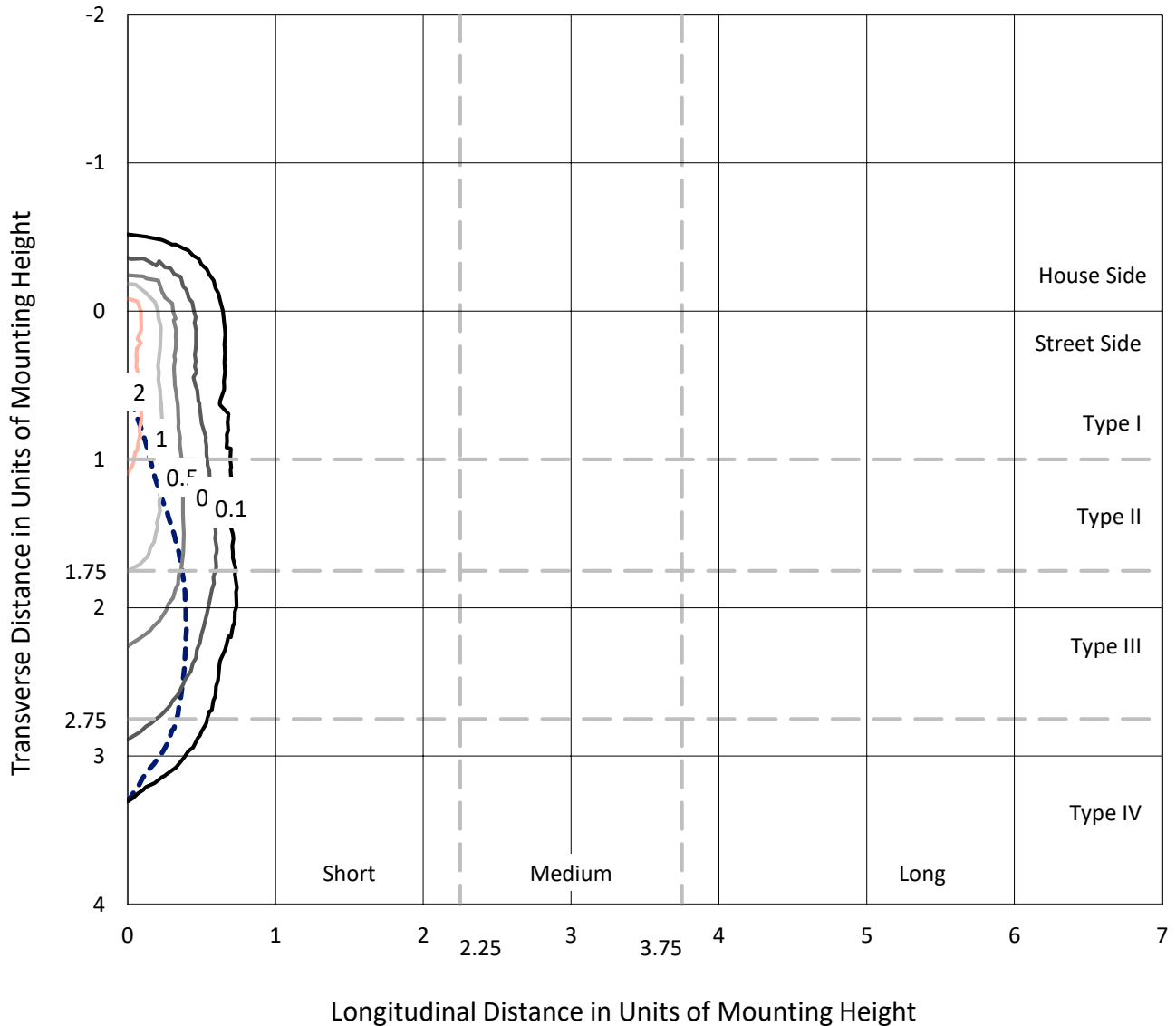
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P324495
 CATALOG NUMBER: GAN-SA1D-740-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

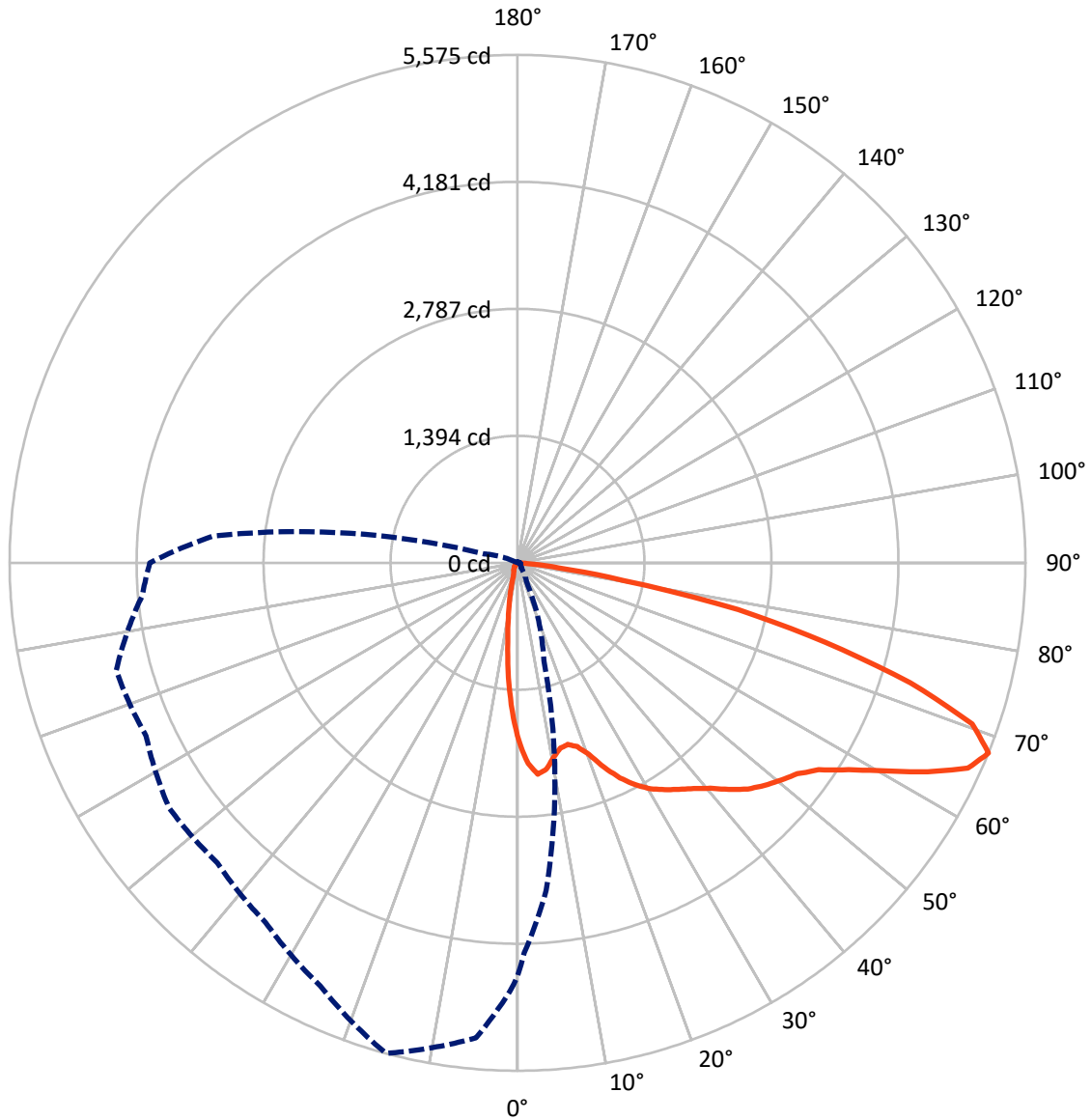
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.1 fc
 Type IV - Medium - N/A

REPORT NUMBER: P324495
CATALOG NUMBER: GAN-SA1D-740-U-SLR-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P324495
 CATALOG NUMBER: GAN-SA1D-740-U-SLR-HSS

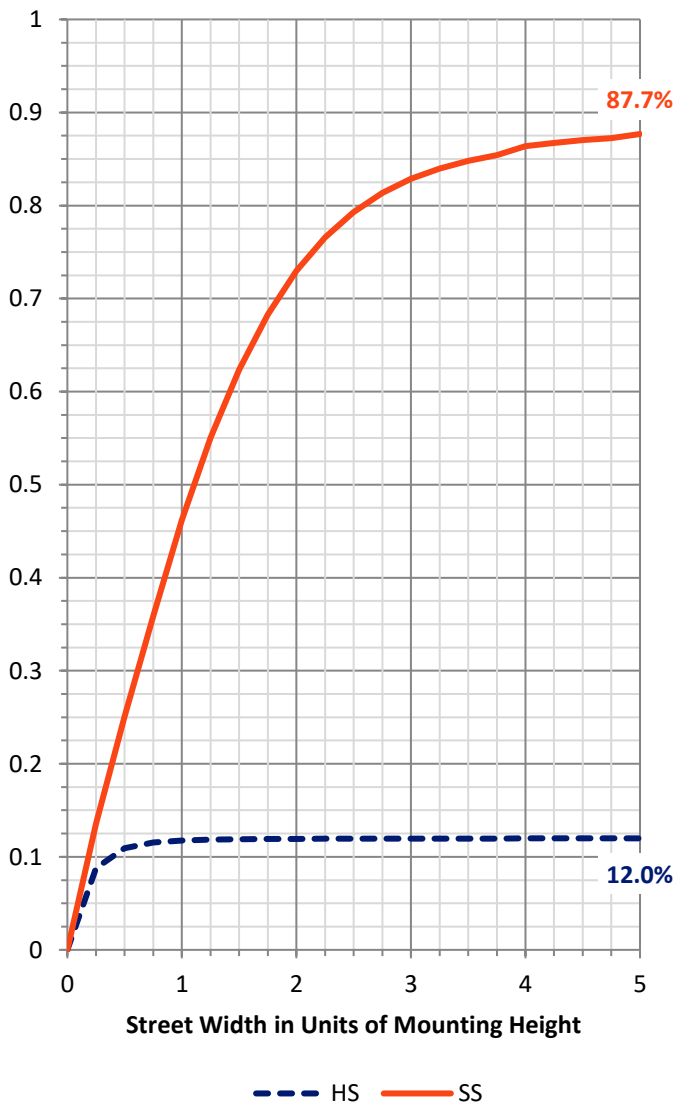
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 729.0 | 0.0 | 729.0 |
| | % Fixture | 12.1 | 0.0 | 12.1 |
| Street Side | Lumens | 5294.0 | 0.0 | 5294.0 |
| | % Fixture | 87.9 | 0.0 | 87.9 |
| Total | Lumens | 6023.0 | 0.0 | 6023.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 150.6 | 2.5 |
| 10°-20° | 299.7 | 5.0 |
| 20°-30° | 425.6 | 7.1 |
| 30°-40° | 628.7 | 10.4 |
| 40°-50° | 906.7 | 15.1 |
| 50°-60° | 1272.8 | 21.1 |
| 60°-70° | 1483.7 | 24.6 |
| 70°-80° | 758.5 | 12.6 |
| 80°-90° | 96.9 | 1.6 |
| 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° | 6023.0 | 100.0 |
| 0°-180° | 6023.0 | 100.0 |

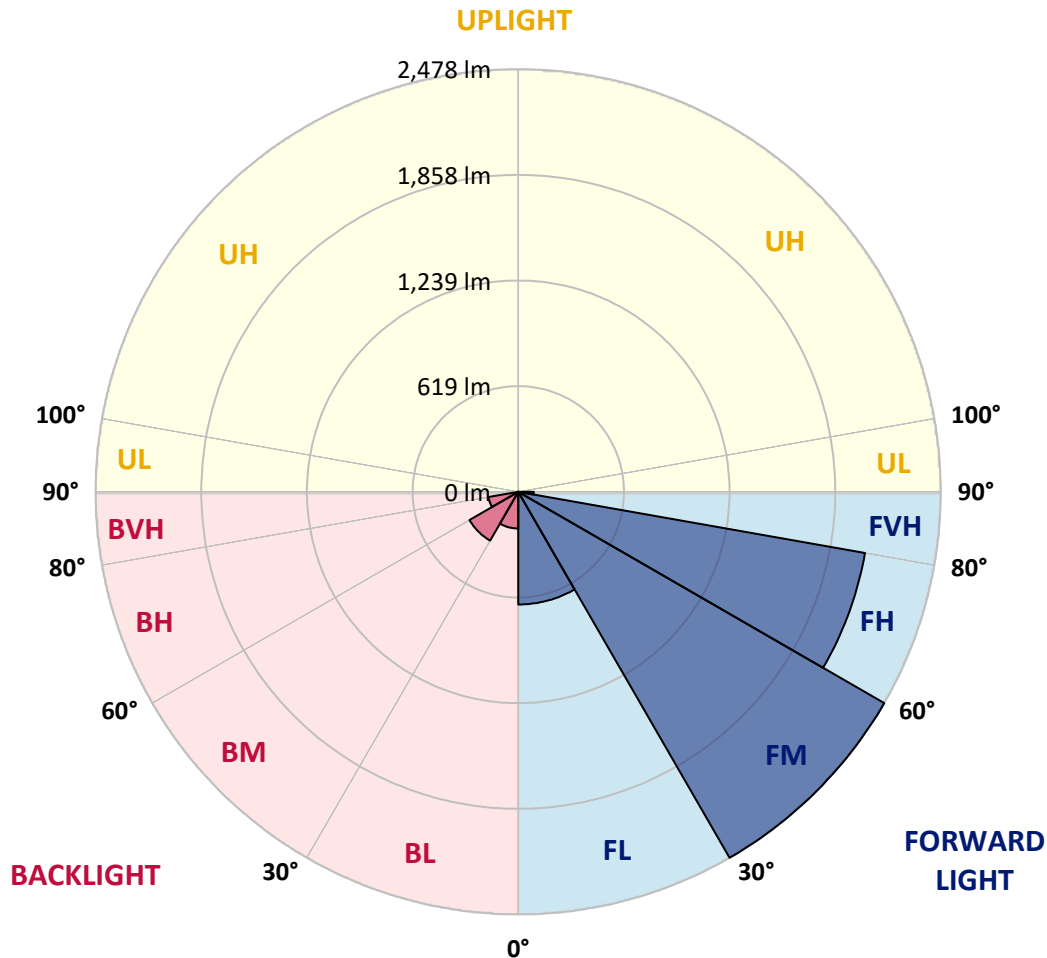


REPORT NUMBER: P324495
 CATALOG NUMBER: GAN-SA1D-740-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 660.6 | 11.0 | | | |
| FM (30°-60°) | 2478.0 | 41.1 | | | |
| FH (60°-80°) | 2064.5 | 34.3 | | | G2/5000 |
| FVH (80°-90°) | 91.0 | 1.5 | | | G1/100 |
| BL (0°-30°) | 215.3 | 3.6 | B1/500 | | |
| BM (30°-60°) | 330.1 | 5.5 | B1/1000 | | |
| BH (60°-80°) | 177.7 | 2.9 | B1/500 | | G1/500 |
| BVH (80°-90°) | 5.9 | 0.1 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2
 Type IV Medium





REPORT NUMBER: P324495

CATALOG NUMBER: GAN-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 |
| 2.5° | 2148.3 | 2131.8 | 2113.5 | 2053.9 | 1998.5 | 1935.2 | 1883.5 | 1847.6 | 1802.5 | 1744.0 | 1729.1 |
| 5° | 2132.9 | 2115.2 | 2057.9 | 1925.2 | 1809.0 | 1696.0 | 1587.0 | 1523.1 | 1443.8 | 1363.3 | 1343.4 |
| 7.5° | 1978.0 | 1959.4 | 1876.7 | 1694.9 | 1538.5 | 1375.3 | 1233.8 | 1146.2 | 1056.6 | 983.0 | 943.9 |
| 10° | 1816.7 | 1796.5 | 1703.5 | 1482.9 | 1290.3 | 1142.8 | 1038.9 | 955.3 | 870.6 | 791.8 | 729.0 |
| 12.5° | 1705.7 | 1679.2 | 1578.2 | 1328.2 | 1160.5 | 1060.3 | 963.3 | 863.1 | 748.4 | 664.0 | 594.9 |
| 15° | 1659.2 | 1629.0 | 1522.3 | 1268.6 | 1114.5 | 997.0 | 870.6 | 747.6 | 613.2 | 516.5 | 453.1 |
| 17.5° | 1695.2 | 1655.8 | 1541.4 | 1264.6 | 1056.9 | 896.8 | 737.0 | 592.6 | 446.8 | 349.0 | 303.9 |
| 20° | 1817.3 | 1765.7 | 1620.4 | 1263.5 | 987.0 | 777.8 | 575.2 | 412.0 | 294.5 | 236.8 | 213.1 |
| 22.5° | 2009.6 | 1941.4 | 1734.0 | 1272.6 | 914.8 | 652.9 | 415.5 | 279.9 | 221.1 | 191.2 | 177.2 |
| 25° | 2241.9 | 2162.9 | 1897.5 | 1304.8 | 851.4 | 531.3 | 301.9 | 221.1 | 186.6 | 164.6 | 152.9 |
| 27.5° | 2462.7 | 2398.5 | 2104.1 | 1351.4 | 802.4 | 433.1 | 245.1 | 187.5 | 159.5 | 145.0 | 135.5 |
| 30° | 2683.3 | 2602.6 | 2316.1 | 1406.7 | 743.3 | 366.7 | 215.4 | 170.9 | 143.0 | 127.5 | 121.6 |
| 32.5° | 2843.7 | 2776.6 | 2482.2 | 1446.7 | 680.2 | 323.3 | 192.6 | 156.4 | 133.5 | 117.8 | 109.0 |
| 35° | 3032.3 | 2956.4 | 2624.5 | 1455.5 | 639.7 | 295.9 | 173.2 | 140.7 | 115.8 | 101.9 | 92.4 |
| 37.5° | 3236.0 | 3141.6 | 2788.9 | 1436.1 | 608.1 | 282.5 | 158.6 | 133.5 | 108.1 | 93.9 | 83.9 |
| 40° | 3461.4 | 3354.7 | 2946.7 | 1408.1 | 577.0 | 277.9 | 147.5 | 128.1 | 102.2 | 87.6 | 77.3 |
| 42.5° | 3698.8 | 3573.0 | 3083.4 | 1378.8 | 557.3 | 262.2 | 146.4 | 122.7 | 97.6 | 81.9 | 71.6 |
| 45° | 3898.3 | 3770.7 | 3223.7 | 1369.0 | 543.3 | 245.1 | 151.2 | 119.0 | 94.4 | 77.3 | 67.3 |
| 47.5° | 4057.2 | 3936.5 | 3367.6 | 1390.7 | 535.3 | 229.4 | 137.8 | 123.8 | 92.7 | 73.3 | 63.6 |
| 50° | 4247.0 | 4110.3 | 3570.1 | 1455.5 | 523.6 | 213.7 | 124.7 | 141.8 | 92.7 | 70.8 | 60.5 |
| 52.5° | 4484.9 | 4349.7 | 3796.1 | 1555.9 | 500.2 | 192.0 | 112.1 | 142.1 | 93.6 | 67.3 | 56.5 |
| 55° | 4784.3 | 4686.1 | 4118.8 | 1666.1 | 462.8 | 160.1 | 97.0 | 122.1 | 90.2 | 61.1 | 52.8 |
| 57.5° | 5071.3 | 4991.1 | 4413.0 | 1741.4 | 412.9 | 125.0 | 84.5 | 98.4 | 82.5 | 53.6 | 47.1 |
| 59° | 5149.8 | 5062.2 | 4520.9 | 1744.8 | 375.5 | 109.0 | 78.2 | 81.3 | 80.8 | 50.2 | 43.7 |
| 60° | 5149.8 | 5056.8 | 4552.0 | 1726.6 | 348.4 | 100.2 | 74.2 | 72.5 | 84.2 | 47.9 | 41.7 |
| 62.5° | 5056.5 | 4925.8 | 4451.0 | 1603.0 | 284.2 | 85.3 | 64.8 | 59.9 | 75.6 | 43.1 | 36.8 |
| 65° | 4862.4 | 4672.1 | 4106.9 | 1379.6 | 253.4 | 78.2 | 55.9 | 49.1 | 52.5 | 37.9 | 32.2 |
| 67.5° | 4538.9 | 4280.9 | 3610.7 | 1114.5 | 241.1 | 76.2 | 48.2 | 41.7 | 39.7 | 32.5 | 28.2 |
| 70° | 3969.0 | 3682.9 | 3008.3 | 876.3 | 230.6 | 75.3 | 40.5 | 35.1 | 32.0 | 27.4 | 24.0 |
| 72.5° | 2888.8 | 2590.3 | 2135.8 | 685.1 | 224.3 | 77.0 | 32.5 | 29.4 | 26.3 | 21.4 | 18.5 |
| 75° | 1652.4 | 1456.9 | 1200.4 | 452.5 | 191.2 | 73.6 | 25.1 | 24.5 | 18.8 | 15.4 | 12.8 |
| 77.5° | 853.7 | 827.8 | 719.3 | 173.8 | 91.6 | 32.2 | 16.5 | 14.3 | 11.1 | 9.4 | 7.7 |
| 80° | 368.4 | 364.4 | 315.3 | 50.2 | 24.3 | 18.0 | 9.4 | 6.0 | 5.1 | 4.0 | 3.1 |
| 82.5° | 127.3 | 127.3 | 112.1 | 16.8 | 10.8 | 8.8 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 25.7 | 28.8 | 20.3 | 0.0 | 3.7 | 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: P324495
 CATALOG NUMBER: GAN-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 |
| 2.5° | 1711.2 | 1676.6 | 1674.4 | 1652.7 | 1625.6 | 1613.3 | 1606.2 | 1618.7 | 1634.1 | 1635.8 | 1659.0 |
| 5° | 1328.2 | 1292.0 | 1307.1 | 1268.6 | 1276.3 | 1268.6 | 1256.1 | 1258.3 | 1265.2 | 1243.8 | 1270.3 |
| 7.5° | 932.8 | 905.4 | 922.8 | 912.5 | 926.2 | 931.6 | 923.9 | 912.5 | 878.8 | 874.8 | 898.0 |
| 10° | 703.1 | 672.0 | 653.4 | 634.0 | 638.3 | 647.1 | 644.3 | 636.0 | 614.6 | 615.8 | 638.0 |
| 12.5° | 565.0 | 530.2 | 493.3 | 445.7 | 434.0 | 440.6 | 434.0 | 429.1 | 408.6 | 410.3 | 430.0 |
| 15° | 428.6 | 400.0 | 361.5 | 323.3 | 302.5 | 304.5 | 286.2 | 273.4 | 260.5 | 245.1 | 257.1 |
| 17.5° | 289.3 | 271.9 | 260.5 | 249.1 | 224.3 | 218.6 | 195.5 | 170.6 | 160.9 | 153.8 | 158.9 |
| 20° | 204.9 | 195.5 | 190.9 | 190.3 | 176.1 | 168.9 | 146.4 | 131.0 | 126.1 | 124.7 | 127.8 |
| 22.5° | 171.2 | 164.4 | 157.8 | 154.1 | 146.9 | 138.7 | 121.6 | 113.8 | 110.4 | 108.7 | 111.0 |
| 25° | 148.9 | 143.8 | 137.0 | 130.7 | 127.8 | 119.0 | 106.7 | 101.0 | 98.7 | 97.0 | 98.2 |
| 27.5° | 132.4 | 127.8 | 119.8 | 115.8 | 113.6 | 105.9 | 95.3 | 90.7 | 88.7 | 88.2 | 87.9 |
| 30° | 119.3 | 115.0 | 107.6 | 103.0 | 99.0 | 92.2 | 85.9 | 81.3 | 79.3 | 78.8 | 78.2 |
| 32.5° | 106.1 | 102.7 | 97.9 | 93.3 | 89.0 | 82.7 | 77.3 | 73.6 | 70.5 | 69.9 | 69.6 |
| 35° | 89.6 | 86.2 | 83.6 | 83.3 | 79.3 | 73.3 | 69.3 | 64.5 | 61.9 | 61.1 | 61.3 |
| 37.5° | 79.6 | 75.0 | 69.3 | 71.3 | 70.2 | 65.9 | 60.5 | 55.6 | 53.1 | 52.5 | 52.5 |
| 40° | 73.3 | 68.5 | 61.9 | 58.5 | 61.9 | 61.1 | 52.5 | 47.7 | 45.1 | 44.8 | 44.2 |
| 42.5° | 67.3 | 62.5 | 55.1 | 49.4 | 51.1 | 53.6 | 45.4 | 40.8 | 38.2 | 37.7 | 36.8 |
| 45° | 63.1 | 57.9 | 49.6 | 43.1 | 39.7 | 45.1 | 38.8 | 33.1 | 31.7 | 30.5 | 30.0 |
| 47.5° | 59.1 | 54.2 | 44.8 | 37.4 | 31.7 | 32.5 | 31.1 | 27.1 | 25.4 | 24.3 | 24.0 |
| 50° | 55.6 | 50.5 | 40.5 | 32.0 | 26.3 | 24.0 | 25.1 | 21.4 | 20.0 | 18.8 | 18.3 |
| 52.5° | 51.6 | 46.8 | 36.0 | 27.7 | 22.0 | 18.8 | 19.1 | 16.8 | 15.4 | 14.6 | 14.3 |
| 55° | 48.5 | 43.7 | 32.2 | 24.3 | 19.4 | 15.4 | 13.7 | 13.1 | 12.3 | 11.7 | 11.4 |
| 57.5° | 44.2 | 39.7 | 28.5 | 20.5 | 16.5 | 12.6 | 10.6 | 10.6 | 10.3 | 9.7 | 9.4 |
| 59° | 41.7 | 37.7 | 26.3 | 18.5 | 15.1 | 10.8 | 9.4 | 9.7 | 9.4 | 8.8 | 8.6 |
| 60° | 39.7 | 36.0 | 24.5 | 17.1 | 14.3 | 10.0 | 8.6 | 9.1 | 8.8 | 8.3 | 8.0 |
| 62.5° | 35.1 | 32.5 | 21.1 | 14.3 | 12.6 | 8.0 | 7.1 | 7.7 | 7.7 | 7.4 | 7.1 |
| 65° | 30.8 | 28.0 | 18.0 | 12.0 | 11.7 | 6.8 | 5.7 | 6.8 | 7.1 | 6.6 | 6.0 |
| 67.5° | 26.8 | 24.0 | 15.7 | 9.7 | 10.8 | 5.4 | 4.3 | 5.7 | 7.7 | 6.0 | 5.4 |
| 70° | 22.8 | 20.0 | 12.3 | 7.7 | 11.4 | 3.7 | 3.4 | 5.1 | 9.1 | 6.6 | 5.1 |
| 72.5° | 17.7 | 15.4 | 8.6 | 5.7 | 12.3 | 2.6 | 2.6 | 4.3 | 10.3 | 7.1 | 4.9 |
| 75° | 12.3 | 10.0 | 5.1 | 3.4 | 10.0 | 1.7 | 1.7 | 4.0 | 9.7 | 6.6 | 4.6 |
| 77.5° | 7.1 | 5.4 | 1.7 | 0.3 | 5.1 | 0.0 | 0.3 | 2.9 | 6.8 | 4.0 | 2.0 |
| 80° | 2.6 | 1.1 | 0.0 | 0.0 | 3.1 | 0.0 | 0.0 | 0.0 | 0.6 | 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: P324495
 CATALOG NUMBER: GAN-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 |
| 2.5° | 1664.9 | 1703.5 | 1738.0 | 1790.2 | 1852.1 | 1923.5 | 1984.8 | 2050.7 | 2112.6 | 2138.3 | 2156.0 |
| 5° | 1275.7 | 1323.4 | 1379.0 | 1455.8 | 1557.9 | 1683.8 | 1801.6 | 1934.9 | 2078.1 | 2149.7 | 2217.1 |
| 7.5° | 902.0 | 950.5 | 1019.5 | 1101.1 | 1224.7 | 1374.5 | 1528.6 | 1712.6 | 1906.6 | 2019.9 | 2131.5 |
| 10° | 648.6 | 708.2 | 772.7 | 884.3 | 1009.8 | 1151.9 | 1310.6 | 1516.0 | 1732.3 | 1857.8 | 1992.2 |
| 12.5° | 441.4 | 509.3 | 606.9 | 731.9 | 879.4 | 1018.7 | 1156.5 | 1352.5 | 1603.6 | 1728.0 | 1872.1 |
| 15° | 264.8 | 302.5 | 405.8 | 550.4 | 731.3 | 904.8 | 1055.7 | 1252.3 | 1520.0 | 1672.4 | 1822.2 |
| 17.5° | 163.2 | 180.6 | 236.8 | 355.5 | 545.6 | 765.0 | 971.9 | 1218.4 | 1532.0 | 1717.4 | 1877.8 |
| 20° | 130.1 | 137.0 | 154.9 | 210.0 | 361.5 | 610.9 | 877.4 | 1211.5 | 1629.8 | 1858.1 | 2030.2 |
| 22.5° | 113.0 | 119.6 | 131.5 | 152.7 | 227.4 | 457.4 | 787.8 | 1217.8 | 1770.2 | 2069.0 | 2269.9 |
| 25° | 99.6 | 105.3 | 116.7 | 134.1 | 166.6 | 322.1 | 691.9 | 1245.8 | 1953.1 | 2330.6 | 2544.1 |
| 27.5° | 89.0 | 93.9 | 104.4 | 120.4 | 143.0 | 224.8 | 583.2 | 1279.7 | 2170.0 | 2598.3 | 2808.9 |
| 30° | 79.3 | 83.6 | 93.0 | 107.9 | 124.1 | 172.9 | 464.0 | 1302.9 | 2387.1 | 2808.9 | 2998.0 |
| 32.5° | 71.0 | 74.2 | 82.7 | 95.3 | 107.9 | 137.8 | 352.7 | 1299.1 | 2548.3 | 2984.1 | 3134.1 |
| 35° | 62.5 | 65.6 | 73.0 | 83.9 | 93.9 | 113.8 | 277.3 | 1229.8 | 2688.7 | 3165.8 | 3289.9 |
| 37.5° | 53.1 | 57.1 | 64.2 | 73.9 | 80.8 | 100.2 | 224.3 | 1146.2 | 2831.1 | 3373.5 | 3463.7 |
| 40° | 45.1 | 49.1 | 55.4 | 65.9 | 70.2 | 95.0 | 172.3 | 1044.3 | 2991.2 | 3605.8 | 3654.3 |
| 42.5° | 37.4 | 41.1 | 47.7 | 56.8 | 66.2 | 81.9 | 127.5 | 927.9 | 3145.0 | 3804.4 | 3828.1 |
| 45° | 30.2 | 34.0 | 40.8 | 49.9 | 70.8 | 67.9 | 98.7 | 803.2 | 3269.1 | 3969.6 | 3977.3 |
| 47.5° | 24.0 | 27.4 | 34.5 | 47.1 | 65.9 | 54.2 | 70.5 | 705.4 | 3373.3 | 4098.6 | 4078.3 |
| 50° | 18.5 | 21.4 | 28.8 | 53.9 | 57.6 | 44.8 | 53.4 | 672.8 | 3466.6 | 4178.5 | 4126.0 |
| 52.5° | 14.6 | 17.1 | 23.7 | 50.5 | 44.8 | 37.1 | 44.8 | 703.4 | 3594.4 | 4244.7 | 4152.8 |
| 55° | 11.7 | 14.3 | 18.5 | 28.8 | 30.5 | 31.4 | 38.2 | 731.9 | 3815.0 | 4399.9 | 4311.2 |
| 57.5° | 9.7 | 12.3 | 15.1 | 20.3 | 23.1 | 26.5 | 34.0 | 735.0 | 4074.9 | 4657.9 | 4574.0 |
| 59° | 8.8 | 11.1 | 13.7 | 18.0 | 20.3 | 24.3 | 32.0 | 717.9 | 4166.5 | 4751.7 | 4709.8 |
| 60° | 8.3 | 10.6 | 12.8 | 16.5 | 18.8 | 22.8 | 30.8 | 701.6 | 4170.5 | 4748.3 | 4767.7 |
| 62.5° | 7.1 | 9.4 | 11.4 | 14.0 | 16.0 | 19.4 | 27.7 | 641.4 | 4001.6 | 4592.8 | 4732.9 |
| 65° | 6.3 | 8.3 | 10.3 | 12.0 | 13.7 | 17.4 | 25.1 | 531.6 | 3713.1 | 4342.0 | 4494.6 |
| 67.5° | 5.7 | 7.1 | 9.4 | 10.6 | 12.3 | 15.4 | 22.3 | 378.9 | 3352.7 | 4035.2 | 4134.3 |
| 70° | 5.1 | 6.8 | 8.6 | 9.7 | 11.1 | 13.4 | 19.1 | 217.7 | 2831.1 | 3586.1 | 3656.6 |
| 72.5° | 4.9 | 6.6 | 7.7 | 9.1 | 10.0 | 12.0 | 17.4 | 102.4 | 2073.0 | 2872.8 | 3056.8 |
| 75° | 4.3 | 6.0 | 7.1 | 8.6 | 9.4 | 10.8 | 14.8 | 49.1 | 1378.8 | 2079.0 | 2288.1 |
| 77.5° | 2.6 | 4.9 | 6.6 | 7.7 | 8.3 | 9.4 | 12.3 | 28.2 | 880.0 | 1439.0 | 1694.9 |
| 80° | 0.0 | 1.7 | 4.9 | 6.6 | 7.1 | 8.0 | 9.4 | 22.3 | 470.8 | 822.1 | 986.7 |
| 82.5° | 0.0 | 0.0 | 3.4 | 5.1 | 4.9 | 5.4 | 7.1 | 14.0 | 212.3 | 537.3 | 605.5 |
| 85° | 0.0 | 0.0 | 1.1 | 4.0 | 3.4 | 2.6 | 4.9 | 4.9 | 46.5 | 271.9 | 339.3 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.3 | 1.7 | 1.1 | 2.0 | 0.6 | 0.3 | 20.3 | 82.2 |
| 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: P324495

CATALOG NUMBER: GAN-SA1D-740-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 | 1962.0 |
| 2.5° | 2217.9 | 2239.0 | 2274.7 | 2291.5 | 2283.3 | 2248.2 | 2206.2 | 2163.4 | 2138.3 | 2148.3 |
| 5° | 2354.3 | 2463.0 | 2525.8 | 2546.6 | 2511.8 | 2433.1 | 2330.1 | 2194.2 | 2146.0 | 2132.9 |
| 7.5° | 2354.3 | 2558.9 | 2688.5 | 2711.3 | 2633.7 | 2479.3 | 2286.1 | 2074.1 | 2003.6 | 1978.0 |
| 10° | 2271.6 | 2550.1 | 2730.7 | 2766.9 | 2658.5 | 2427.7 | 2168.9 | 1926.9 | 1843.3 | 1816.7 |
| 12.5° | 2178.3 | 2478.2 | 2668.5 | 2718.4 | 2629.4 | 2376.3 | 2087.5 | 1827.3 | 1728.9 | 1705.7 |
| 15° | 2120.9 | 2389.7 | 2547.2 | 2583.4 | 2545.8 | 2346.3 | 2068.1 | 1797.3 | 1681.5 | 1659.2 |
| 17.5° | 2141.5 | 2321.2 | 2378.0 | 2399.1 | 2424.5 | 2335.8 | 2120.9 | 1863.0 | 1716.3 | 1695.2 |
| 20° | 2218.8 | 2249.0 | 2219.6 | 2246.2 | 2314.7 | 2346.0 | 2246.7 | 2021.6 | 1845.6 | 1817.3 |
| 22.5° | 2350.0 | 2211.7 | 2129.2 | 2139.7 | 2223.1 | 2380.0 | 2439.1 | 2248.2 | 2045.0 | 2009.6 |
| 25° | 2503.0 | 2241.9 | 2079.0 | 2069.6 | 2155.2 | 2424.8 | 2614.8 | 2494.7 | 2281.0 | 2241.9 |
| 27.5° | 2695.3 | 2309.8 | 2068.7 | 2059.3 | 2131.5 | 2466.7 | 2760.9 | 2738.4 | 2529.5 | 2462.7 |
| 30° | 2843.7 | 2376.6 | 2099.2 | 2077.5 | 2155.2 | 2495.8 | 2878.2 | 2945.3 | 2727.5 | 2683.3 |
| 32.5° | 2950.1 | 2455.3 | 2148.9 | 2117.5 | 2221.9 | 2546.1 | 2968.7 | 3134.7 | 2910.7 | 2843.7 |
| 35° | 3031.1 | 2540.9 | 2229.1 | 2177.4 | 2313.8 | 2622.3 | 3053.4 | 3336.5 | 3105.6 | 3032.3 |
| 37.5° | 3107.0 | 2661.1 | 2354.3 | 2292.7 | 2457.9 | 2744.9 | 3143.0 | 3565.3 | 3323.6 | 3236.0 |
| 40° | 3212.9 | 2797.2 | 2547.5 | 2492.7 | 2700.1 | 2912.2 | 3254.8 | 3803.8 | 3571.6 | 3461.4 |
| 42.5° | 3318.8 | 2943.3 | 2745.2 | 2760.1 | 3002.3 | 3115.3 | 3399.2 | 4056.1 | 3816.4 | 3698.8 |
| 45° | 3415.5 | 3093.9 | 3026.9 | 3095.3 | 3282.8 | 3338.2 | 3542.8 | 4201.9 | 4011.8 | 3898.3 |
| 47.5° | 3501.7 | 3282.2 | 3306.8 | 3489.1 | 3601.8 | 3539.9 | 3650.0 | 4327.7 | 4157.4 | 4057.2 |
| 50° | 3601.8 | 3525.9 | 3675.7 | 3933.7 | 3969.0 | 3722.5 | 3747.6 | 4476.7 | 4327.4 | 4247.0 |
| 52.5° | 3711.4 | 3782.7 | 4084.3 | 4311.7 | 4300.3 | 3920.8 | 3845.8 | 4643.6 | 4560.6 | 4484.9 |
| 55° | 3835.8 | 3990.2 | 4444.1 | 4665.6 | 4655.9 | 4142.2 | 4008.4 | 4849.9 | 4852.7 | 4784.3 |
| 57.5° | 4020.4 | 4168.8 | 4688.4 | 4951.7 | 4968.0 | 4397.9 | 4284.1 | 5081.0 | 5117.0 | 5071.3 |
| 59° | 4152.8 | 4284.6 | 4785.1 | 5071.3 | 5137.5 | 4595.6 | 4485.5 | 5215.1 | 5191.4 | 5149.8 |
| 60° | 4251.0 | 4358.2 | 4833.0 | 5133.8 | 5235.9 | 4729.8 | 4634.2 | 5293.9 | 5200.3 | 5149.8 |
| 62.5° | 4493.8 | 4518.6 | 4919.5 | 5204.6 | 5349.2 | 5027.6 | 5052.5 | 5428.0 | 5138.9 | 5056.5 |
| 65° | 4607.1 | 4619.9 | 4918.4 | 5077.9 | 5239.7 | 5259.6 | 5432.0 | 5432.0 | 4989.1 | 4862.4 |
| 67.5° | 4559.7 | 4497.8 | 4674.4 | 4657.9 | 4819.4 | 5121.8 | 5574.6 | 5232.8 | 4702.6 | 4538.9 |
| 70° | 4174.5 | 3936.2 | 3857.8 | 3864.9 | 3988.4 | 4455.0 | 5292.2 | 4646.7 | 4160.5 | 3969.0 |
| 72.5° | 3473.4 | 2901.9 | 2708.1 | 2929.3 | 2961.5 | 3423.8 | 4510.0 | 3499.4 | 3068.2 | 2888.8 |
| 75° | 2793.7 | 2045.6 | 1730.6 | 1964.0 | 2018.8 | 2505.5 | 3488.8 | 2179.4 | 1792.2 | 1652.4 |
| 77.5° | 2007.1 | 1468.3 | 1241.8 | 1225.5 | 1296.3 | 1589.0 | 2475.6 | 1096.8 | 914.8 | 853.7 |
| 80° | 1140.2 | 966.4 | 1040.6 | 981.8 | 1017.5 | 993.5 | 1176.2 | 481.1 | 394.1 | 368.4 |
| 82.5° | 688.2 | 571.2 | 618.6 | 515.0 | 651.7 | 567.5 | 453.1 | 154.1 | 133.8 | 127.3 |
| 85° | 447.7 | 312.2 | 162.6 | 109.0 | 224.6 | 362.7 | 101.3 | 41.9 | 32.2 | 25.7 |
| 87.5° | 154.4 | 79.6 | 8.0 | 3.4 | 24.0 | 67.6 | 3.7 | 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 |

(END OF REPORT)