

Classified
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4C-722-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
 Report Number: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)
 TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
 Test Lab: COOPER LIGHTING SOLUTIONS
 Issue Date: 12/7/2022
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: MCGRAW-EDISON
 Catalog Number: GFLD-SA4C-722-U-VWR-XX
 Description: GALLEON FLOOD, FOUR LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N86
 Light Source: (64) 2200K CCT, 70 CRI LEDS
 Ballast/Driver: -

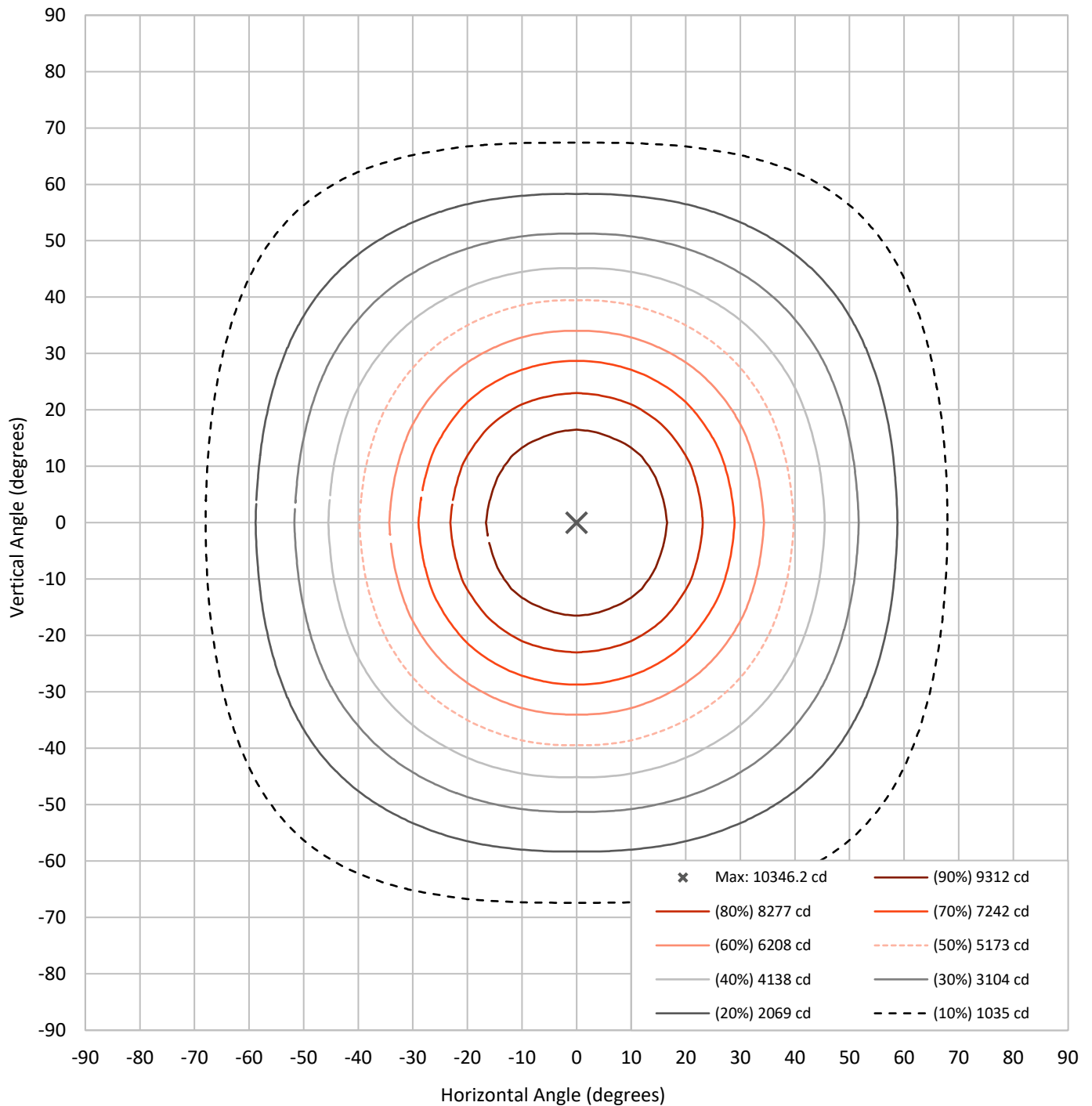
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 18699.9 lumens | Max Intensity: | 10346.2 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 111.2 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 79.6°H x 78.9°V | Field Angle (10%): | 135.9°H x 134.8°V |
| Beam Lumens: | 10967.6 lumens | Field Lumens: | 17827.2 lumens |
| Beam Efficiency: | 58.7% | Field Efficiency: | 95.3% |
| Input Watts (W): | 168.2 | | |
| Input Voltage (V): | 120 | | |
| 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: | 25 FT | | |



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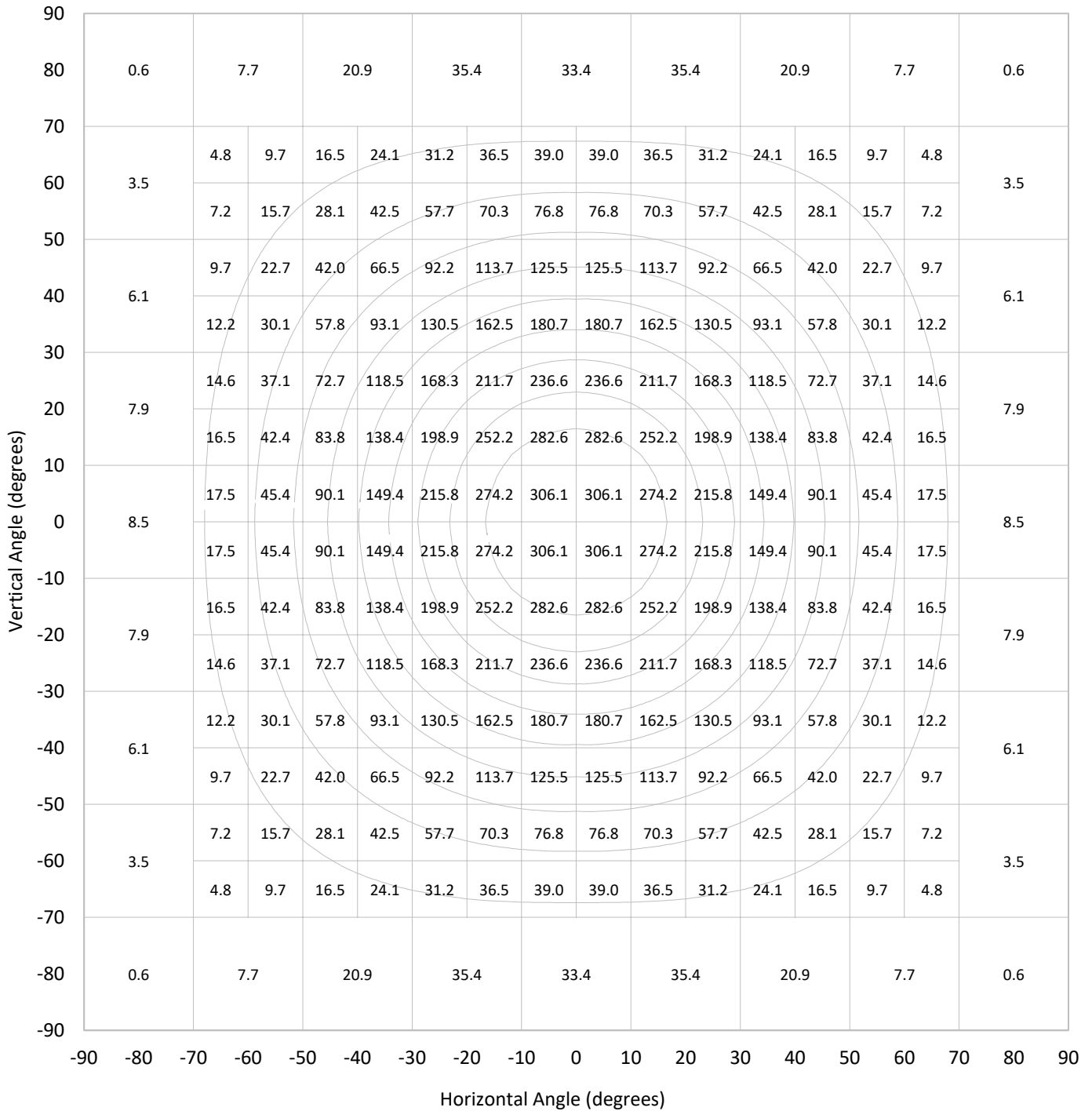
Iso-Candela Plot





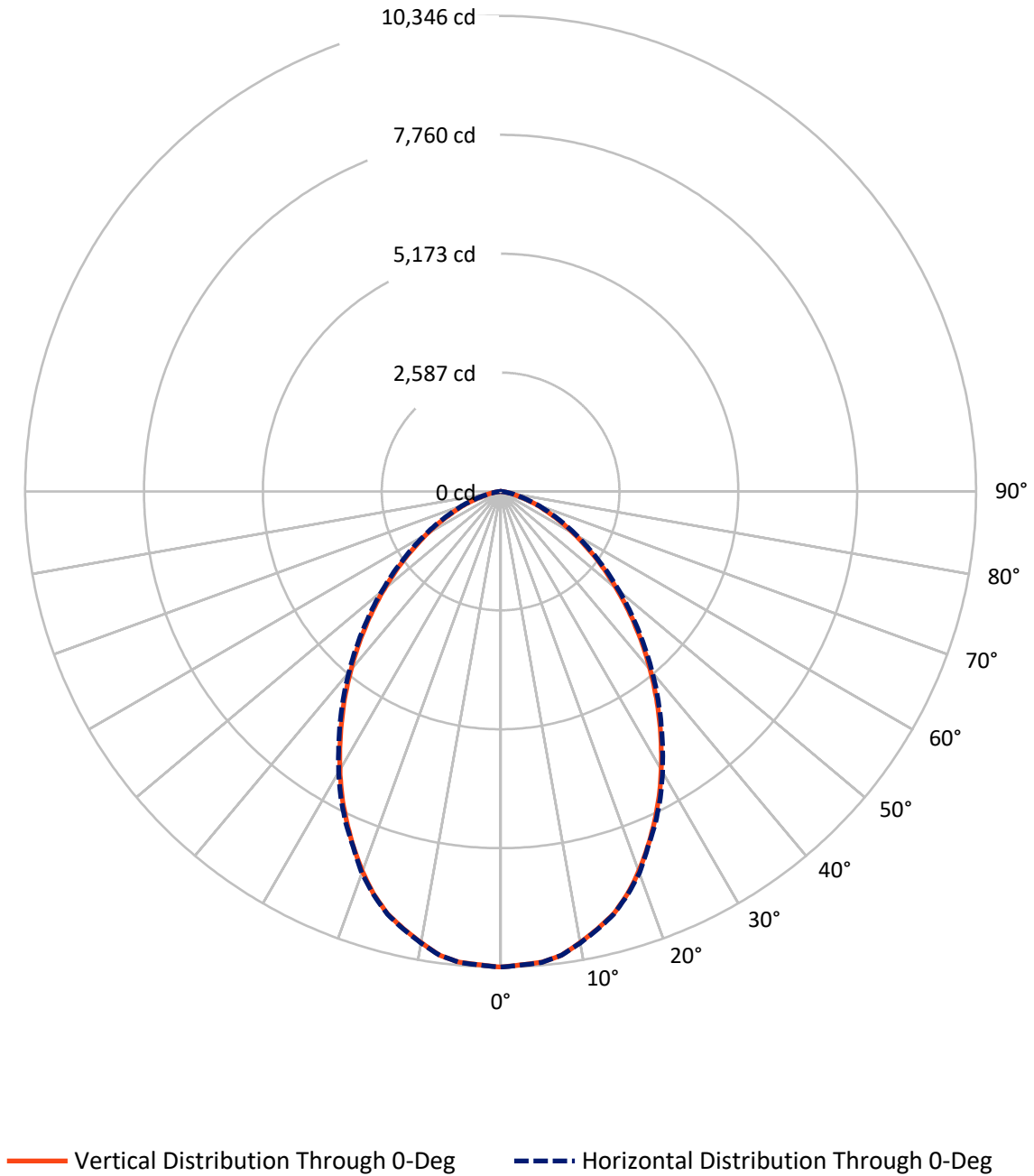
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Lumen Table



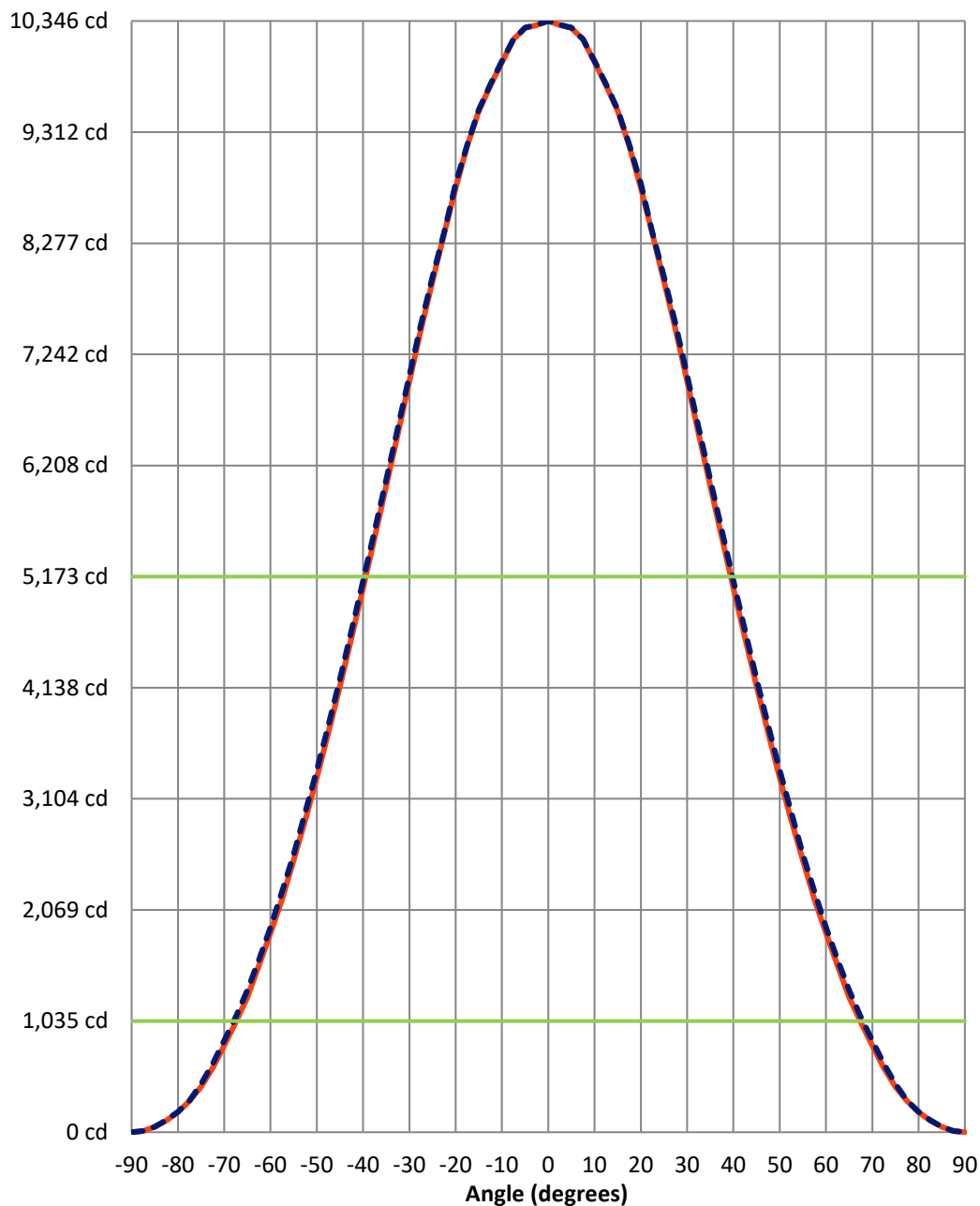
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CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 10967.6
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 17827.2
 Efficiency: 95.3%

Spill:
 Lumens: 872.7
 Efficiency: 4.7%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|--------|
| 90° | 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 | 0.6 | 1.4 | 2.0 | 2.7 | 3.4 | 4.0 | 4.7 | 5.3 | 5.9 | 6.5 |
| 85° | 0.0 | 1.2 | 2.7 | 4.0 | 5.4 | 6.7 | 8.0 | 9.3 | 10.6 | 11.9 | 13.1 |
| 82.5° | 0.0 | 1.8 | 4.0 | 6.1 | 8.1 | 10.0 | 12.0 | 13.9 | 17.5 | 27.5 | 37.1 |
| 80° | 0.0 | 2.3 | 5.4 | 8.1 | 10.7 | 13.4 | 18.1 | 32.2 | 45.7 | 58.7 | 71.2 |
| 77.5° | 0.0 | 2.9 | 6.7 | 10.0 | 13.4 | 20.9 | 39.4 | 57.1 | 73.8 | 89.8 | 109.7 |
| 75° | 0.0 | 3.5 | 7.9 | 12.0 | 17.4 | 36.2 | 60.1 | 81.9 | 102.8 | 131.5 | 162.0 |
| 72.5° | 0.0 | 4.0 | 9.2 | 13.9 | 27.7 | 51.1 | 80.3 | 108.5 | 141.3 | 176.3 | 213.3 |
| 70° | 0.0 | 4.6 | 10.4 | 16.7 | 37.8 | 65.4 | 100.4 | 140.5 | 179.1 | 220.2 | 268.4 |
| 67.5° | 0.0 | 5.1 | 11.6 | 22.9 | 47.4 | 79.2 | 124.6 | 171.7 | 216.0 | 268.0 | 323.2 |
| 65° | 0.0 | 5.6 | 12.8 | 28.8 | 56.6 | 94.5 | 147.7 | 202.1 | 255.9 | 314.3 | 374.4 |
| 62.5° | 0.0 | 6.2 | 13.9 | 34.5 | 65.3 | 111.4 | 169.6 | 233.8 | 294.4 | 358.6 | 420.3 |
| 60° | 0.0 | 6.6 | 15.0 | 39.9 | 73.4 | 127.3 | 190.3 | 265.3 | 331.5 | 400.1 | 465.6 |
| 57.5° | 0.0 | 7.1 | 18.0 | 45.0 | 84.3 | 142.3 | 212.1 | 294.6 | 368.1 | 440.8 | 508.5 |
| 55° | 0.0 | 7.6 | 20.9 | 49.7 | 94.7 | 156.2 | 232.7 | 319.9 | 404.1 | 480.2 | 549.6 |
| 52.5° | 0.0 | 8.0 | 23.8 | 54.0 | 104.4 | 169.4 | 251.8 | 346.3 | 439.3 | 516.4 | 589.7 |
| 50° | 0.0 | 8.4 | 26.5 | 58.0 | 113.3 | 183.4 | 269.3 | 371.4 | 472.7 | 551.5 | 635.7 |
| 47.5° | 0.0 | 8.8 | 29.1 | 62.1 | 121.4 | 196.2 | 285.7 | 394.6 | 502.9 | 585.5 | 680.7 |
| 45° | 0.0 | 9.2 | 31.5 | 67.5 | 128.7 | 207.8 | 303.9 | 416.1 | 526.4 | 624.0 | 723.8 |
| 42.5° | 0.0 | 9.5 | 33.9 | 72.4 | 135.1 | 218.1 | 320.6 | 435.8 | 548.9 | 660.8 | 774.5 |
| 40° | 0.0 | 9.8 | 36.1 | 77.4 | 141.6 | 227.0 | 335.8 | 454.5 | 572.3 | 695.3 | 824.0 |
| 37.5° | 0.0 | 10.1 | 38.1 | 82.3 | 148.1 | 234.7 | 349.4 | 472.2 | 598.5 | 728.1 | 870.3 |
| 35° | 0.0 | 10.4 | 40.0 | 86.9 | 153.6 | 243.6 | 361.4 | 488.9 | 624.1 | 765.7 | 917.0 |
| 32.5° | 0.0 | 10.7 | 41.8 | 91.1 | 158.2 | 252.4 | 372.5 | 504.5 | 649.0 | 802.0 | 966.5 |
| 30° | 0.0 | 10.9 | 43.4 | 95.0 | 161.9 | 260.0 | 384.0 | 520.1 | 672.9 | 836.6 | 1012.7 |
| 27.5° | 0.0 | 11.1 | 44.8 | 98.5 | 167.4 | 266.3 | 394.3 | 538.2 | 697.6 | 869.5 | 1055.6 |
| 25° | 0.0 | 11.3 | 46.1 | 101.7 | 172.7 | 271.3 | 403.4 | 555.1 | 723.3 | 902.9 | 1095.3 |
| 22.5° | 0.0 | 11.4 | 47.2 | 104.4 | 177.2 | 276.3 | 411.2 | 570.5 | 747.0 | 934.6 | 1137.6 |
| 20° | 0.0 | 11.5 | 48.2 | 106.8 | 181.2 | 283.1 | 417.7 | 584.4 | 768.5 | 962.9 | 1175.5 |
| 17.5° | 0.0 | 11.6 | 49.0 | 108.9 | 184.5 | 288.8 | 425.7 | 596.7 | 787.6 | 987.7 | 1208.9 |
| 15° | 0.0 | 11.7 | 49.7 | 110.5 | 187.2 | 293.1 | 434.1 | 608.3 | 804.3 | 1009.0 | 1237.7 |
| 12.5° | 0.0 | 11.7 | 50.2 | 111.8 | 189.2 | 296.3 | 440.9 | 619.3 | 819.3 | 1026.7 | 1261.8 |
| 10° | 0.0 | 11.8 | 50.6 | 112.6 | 190.6 | 298.2 | 446.1 | 627.7 | 832.3 | 1043.3 | 1282.2 |
| 7.5° | 0.0 | 11.8 | 50.7 | 113.2 | 191.4 | 299.0 | 449.6 | 633.6 | 842.3 | 1056.6 | 1299.7 |
| 5° | 0.0 | 11.7 | 50.8 | 113.3 | 191.5 | 298.6 | 451.4 | 637.0 | 849.2 | 1066.3 | 1312.3 |
| 2.5° | 0.0 | 11.7 | 50.7 | 113.1 | 191.1 | 297.2 | 451.5 | 637.8 | 852.8 | 1072.2 | 1319.9 |
| 0° | 0.0 | 11.6 | 50.4 | 112.5 | 190.0 | 294.7 | 449.8 | 636.0 | 853.1 | 1074.2 | 1322.4 |
| -2.5° | 0.0 | 11.7 | 50.7 | 113.1 | 191.1 | 297.2 | 451.5 | 637.8 | 852.8 | 1072.2 | 1319.9 |
| -5° | 0.0 | 11.7 | 50.8 | 113.3 | 191.5 | 298.6 | 451.4 | 637.0 | 849.2 | 1066.3 | 1312.3 |
| -7.5° | 0.0 | 11.8 | 50.7 | 113.2 | 191.4 | 299.0 | 449.6 | 633.6 | 842.3 | 1056.6 | 1299.7 |
| -10° | 0.0 | 11.8 | 50.6 | 112.6 | 190.6 | 298.2 | 446.1 | 627.7 | 832.3 | 1043.3 | 1282.2 |
| -12.5° | 0.0 | 11.7 | 50.2 | 111.8 | 189.2 | 296.3 | 440.9 | 619.3 | 819.3 | 1026.7 | 1261.8 |
| -15° | 0.0 | 11.7 | 49.7 | 110.5 | 187.2 | 293.1 | 434.1 | 608.3 | 804.3 | 1009.0 | 1237.7 |
| -17.5° | 0.0 | 11.6 | 49.0 | 108.9 | 184.5 | 288.8 | 425.7 | 596.7 | 787.6 | 987.7 | 1208.9 |
| -20° | 0.0 | 11.5 | 48.2 | 106.8 | 181.2 | 283.1 | 417.7 | 584.4 | 768.5 | 962.9 | 1175.5 |

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CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|--------|
| -22.5° | 0.0 | 11.4 | 47.2 | 104.4 | 177.2 | 276.3 | 411.2 | 570.5 | 747.0 | 934.6 | 1137.6 |
| -25° | 0.0 | 11.3 | 46.1 | 101.7 | 172.7 | 271.3 | 403.4 | 555.1 | 723.3 | 902.9 | 1095.3 |
| -27.5° | 0.0 | 11.1 | 44.8 | 98.5 | 167.4 | 266.3 | 394.3 | 538.2 | 697.6 | 869.5 | 1055.6 |
| -30° | 0.0 | 10.9 | 43.4 | 95.0 | 161.9 | 260.0 | 384.0 | 520.1 | 672.9 | 836.6 | 1012.7 |
| -32.5° | 0.0 | 10.7 | 41.8 | 91.1 | 158.2 | 252.4 | 372.5 | 504.5 | 649.0 | 802.0 | 966.5 |
| -35° | 0.0 | 10.4 | 40.0 | 86.9 | 153.6 | 243.6 | 361.4 | 488.9 | 624.1 | 765.7 | 917.0 |
| -37.5° | 0.0 | 10.1 | 38.1 | 82.3 | 148.1 | 234.7 | 349.4 | 472.2 | 598.5 | 728.1 | 870.3 |
| -40° | 0.0 | 9.8 | 36.1 | 77.4 | 141.6 | 227.0 | 335.8 | 454.5 | 572.3 | 695.3 | 824.0 |
| -42.5° | 0.0 | 9.5 | 33.9 | 72.4 | 135.1 | 218.1 | 320.6 | 435.8 | 548.9 | 660.8 | 774.5 |
| -45° | 0.0 | 9.2 | 31.5 | 67.5 | 128.7 | 207.8 | 303.9 | 416.1 | 526.4 | 624.0 | 723.8 |
| -47.5° | 0.0 | 8.8 | 29.1 | 62.1 | 121.4 | 196.2 | 285.7 | 394.6 | 502.9 | 585.5 | 680.7 |
| -50° | 0.0 | 8.4 | 26.5 | 58.0 | 113.3 | 183.4 | 269.3 | 371.4 | 472.7 | 551.5 | 635.7 |
| -52.5° | 0.0 | 8.0 | 23.8 | 54.0 | 104.4 | 169.4 | 251.8 | 346.3 | 439.3 | 516.4 | 589.7 |
| -55° | 0.0 | 7.6 | 20.9 | 49.7 | 94.7 | 156.2 | 232.7 | 319.9 | 404.1 | 480.2 | 549.6 |
| -57.5° | 0.0 | 7.1 | 18.0 | 45.0 | 84.3 | 142.3 | 212.1 | 294.6 | 368.1 | 440.8 | 508.5 |
| -60° | 0.0 | 6.6 | 15.0 | 39.9 | 73.4 | 127.3 | 190.3 | 265.3 | 331.5 | 400.1 | 465.6 |
| -62.5° | 0.0 | 6.2 | 13.9 | 34.5 | 65.3 | 111.4 | 169.6 | 233.8 | 294.4 | 358.6 | 420.3 |
| -65° | 0.0 | 5.6 | 12.8 | 28.8 | 56.6 | 94.5 | 147.7 | 202.1 | 255.9 | 314.3 | 374.4 |
| -67.5° | 0.0 | 5.1 | 11.6 | 22.9 | 47.4 | 79.2 | 124.6 | 171.7 | 216.0 | 268.0 | 323.2 |
| -70° | 0.0 | 4.6 | 10.4 | 16.7 | 37.8 | 65.4 | 100.4 | 140.5 | 179.1 | 220.2 | 268.4 |
| -72.5° | 0.0 | 4.0 | 9.2 | 13.9 | 27.7 | 51.1 | 80.3 | 108.5 | 141.3 | 176.3 | 213.3 |
| -75° | 0.0 | 3.5 | 7.9 | 12.0 | 17.4 | 36.2 | 60.1 | 81.9 | 102.8 | 131.5 | 162.0 |
| -77.5° | 0.0 | 2.9 | 6.7 | 10.0 | 13.4 | 20.9 | 39.4 | 57.1 | 73.8 | 89.8 | 109.7 |
| -80° | 0.0 | 2.3 | 5.4 | 8.1 | 10.7 | 13.4 | 18.1 | 32.2 | 45.7 | 58.7 | 71.2 |
| -82.5° | 0.0 | 1.8 | 4.0 | 6.1 | 8.1 | 10.0 | 12.0 | 13.9 | 17.5 | 27.5 | 37.1 |
| -85° | 0.0 | 1.2 | 2.7 | 4.0 | 5.4 | 6.7 | 8.0 | 9.3 | 10.6 | 11.9 | 13.1 |
| -87.5° | 0.0 | 0.6 | 1.4 | 2.0 | 2.7 | 3.4 | 4.0 | 4.7 | 5.3 | 5.9 | 6.5 |
| -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: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 7.6 | 8.7 | 9.9 | 11.1 | 11.2 | 11.2 | 11.1 | 11.0 | 11.4 | 11.9 | 12.3 |
| 85° | 15.2 | 17.4 | 24.2 | 30.7 | 33.8 | 35.8 | 36.6 | 36.5 | 42.5 | 49.3 | 56.8 |
| 82.5° | 47.2 | 56.9 | 66.2 | 75.0 | 77.3 | 77.3 | 76.6 | 76.8 | 90.8 | 106.8 | 123.2 |
| 80° | 84.0 | 96.3 | 112.7 | 127.2 | 133.5 | 136.8 | 138.3 | 138.0 | 155.7 | 179.2 | 203.9 |
| 77.5° | 133.2 | 154.0 | 172.1 | 187.5 | 195.8 | 203.1 | 209.0 | 213.6 | 236.3 | 266.0 | 295.5 |
| 75° | 189.4 | 212.2 | 234.9 | 254.6 | 268.4 | 278.6 | 288.2 | 303.5 | 333.2 | 367.9 | 398.0 |
| 72.5° | 248.6 | 277.7 | 303.0 | 324.4 | 343.8 | 364.3 | 387.3 | 412.5 | 443.9 | 478.5 | 510.1 |
| 70° | 311.9 | 343.9 | 370.3 | 396.1 | 422.5 | 453.3 | 487.8 | 521.8 | 556.8 | 595.0 | 631.8 |
| 67.5° | 373.8 | 404.7 | 435.8 | 468.3 | 507.8 | 549.1 | 589.9 | 636.7 | 684.6 | 727.1 | 765.0 |
| 65° | 427.6 | 463.7 | 502.6 | 546.8 | 595.6 | 648.0 | 702.5 | 758.6 | 819.5 | 870.4 | 916.9 |
| 62.5° | 478.9 | 522.4 | 569.7 | 624.8 | 686.9 | 748.9 | 818.4 | 888.8 | 957.3 | 1017.3 | 1072.8 |
| 60° | 526.2 | 578.9 | 638.7 | 706.2 | 778.8 | 861.2 | 940.4 | 1020.4 | 1095.5 | 1163.5 | 1233.7 |
| 57.5° | 572.3 | 638.6 | 710.3 | 791.3 | 883.1 | 975.7 | 1068.8 | 1154.9 | 1239.8 | 1322.7 | 1402.0 |
| 55° | 621.0 | 700.8 | 786.2 | 885.6 | 989.1 | 1098.7 | 1198.9 | 1294.9 | 1388.6 | 1489.1 | 1584.7 |
| 52.5° | 674.6 | 763.8 | 870.7 | 981.9 | 1101.5 | 1219.1 | 1329.2 | 1438.6 | 1551.7 | 1665.5 | 1789.9 |
| 50° | 726.3 | 837.5 | 954.7 | 1084.0 | 1213.2 | 1339.2 | 1465.4 | 1591.4 | 1727.0 | 1866.5 | 2007.5 |
| 47.5° | 786.7 | 908.1 | 1046.5 | 1185.2 | 1326.4 | 1466.6 | 1607.3 | 1759.5 | 1913.5 | 2075.4 | 2231.3 |
| 45° | 847.9 | 984.4 | 1133.4 | 1290.4 | 1443.0 | 1598.2 | 1762.7 | 1931.0 | 2111.6 | 2289.6 | 2477.2 |
| 42.5° | 905.8 | 1060.1 | 1224.5 | 1393.9 | 1563.7 | 1737.1 | 1918.0 | 2114.6 | 2312.0 | 2517.3 | 2723.5 |
| 40° | 970.0 | 1132.2 | 1313.4 | 1500.1 | 1684.3 | 1876.5 | 2083.2 | 2296.2 | 2519.4 | 2745.2 | 2969.1 |
| 37.5° | 1031.8 | 1210.0 | 1400.5 | 1601.4 | 1808.1 | 2019.4 | 2243.8 | 2485.6 | 2727.7 | 2970.7 | 3217.6 |
| 35° | 1089.6 | 1283.8 | 1490.1 | 1703.4 | 1922.7 | 2162.9 | 2413.8 | 2671.9 | 2934.3 | 3197.1 | 3462.7 |
| 32.5° | 1149.1 | 1353.4 | 1575.8 | 1804.0 | 2045.6 | 2303.3 | 2578.1 | 2857.8 | 3137.2 | 3417.8 | 3708.5 |
| 30° | 1208.7 | 1426.3 | 1658.7 | 1899.2 | 2163.4 | 2444.2 | 2739.6 | 3035.8 | 3331.4 | 3640.1 | 3950.0 |
| 27.5° | 1265.0 | 1495.5 | 1740.2 | 1997.5 | 2276.3 | 2574.7 | 2888.3 | 3205.6 | 3524.4 | 3852.6 | 4183.1 |
| 25° | 1316.9 | 1561.1 | 1815.9 | 2092.2 | 2387.7 | 2700.2 | 3027.0 | 3358.1 | 3707.7 | 4058.9 | 4404.0 |
| 22.5° | 1367.4 | 1621.3 | 1886.0 | 2179.3 | 2488.6 | 2816.8 | 3157.1 | 3506.7 | 3872.0 | 4249.2 | 4606.4 |
| 20° | 1416.1 | 1678.7 | 1954.1 | 2258.4 | 2578.9 | 2921.8 | 3275.3 | 3641.4 | 4024.6 | 4412.0 | 4796.1 |
| 17.5° | 1459.3 | 1729.7 | 2017.6 | 2332.2 | 2665.2 | 3017.8 | 3381.8 | 3760.0 | 4160.2 | 4561.8 | 4968.8 |
| 15° | 1496.9 | 1774.1 | 2072.6 | 2396.7 | 2741.4 | 3105.0 | 3480.6 | 3869.6 | 4280.2 | 4698.3 | 5121.4 |
| 12.5° | 1528.7 | 1811.6 | 2118.9 | 2451.5 | 2806.1 | 3179.8 | 3565.6 | 3968.2 | 4389.9 | 4819.7 | 5255.1 |
| 10° | 1554.6 | 1842.3 | 2156.3 | 2496.3 | 2858.9 | 3241.6 | 3635.6 | 4049.5 | 4483.9 | 4923.0 | 5367.5 |
| 7.5° | 1576.5 | 1867.8 | 2186.0 | 2530.8 | 2899.7 | 3290.0 | 3690.1 | 4113.0 | 4558.7 | 5003.5 | 5457.8 |
| 5° | 1592.6 | 1888.5 | 2213.3 | 2559.8 | 2935.1 | 3327.8 | 3731.4 | 4158.2 | 4613.5 | 5060.9 | 5523.3 |
| 2.5° | 1602.2 | 1901.9 | 2231.9 | 2578.6 | 2962.9 | 3356.2 | 3768.0 | 4198.1 | 4653.6 | 5106.4 | 5572.6 |
| 0° | 1605.4 | 1907.9 | 2241.4 | 2586.6 | 2978.2 | 3369.9 | 3788.7 | 4219.2 | 4672.9 | 5134.3 | 5603.6 |
| -2.5° | 1602.2 | 1901.9 | 2231.9 | 2578.6 | 2962.9 | 3356.2 | 3768.0 | 4198.1 | 4653.6 | 5106.4 | 5572.6 |
| -5° | 1592.6 | 1888.5 | 2213.3 | 2559.8 | 2935.1 | 3327.8 | 3731.4 | 4158.2 | 4613.5 | 5060.9 | 5523.3 |
| -7.5° | 1576.5 | 1867.8 | 2186.0 | 2530.8 | 2899.7 | 3290.0 | 3690.1 | 4113.0 | 4558.7 | 5003.5 | 5457.8 |
| -10° | 1554.6 | 1842.3 | 2156.3 | 2496.3 | 2858.9 | 3241.6 | 3635.6 | 4049.5 | 4483.9 | 4923.0 | 5367.5 |
| -12.5° | 1528.7 | 1811.6 | 2118.9 | 2451.5 | 2806.1 | 3179.8 | 3565.6 | 3968.2 | 4389.9 | 4819.7 | 5255.1 |
| -15° | 1496.9 | 1774.1 | 2072.6 | 2396.7 | 2741.4 | 3105.0 | 3480.6 | 3869.6 | 4280.2 | 4698.3 | 5121.4 |
| -17.5° | 1459.3 | 1729.7 | 2017.6 | 2332.2 | 2665.2 | 3017.8 | 3381.8 | 3760.0 | 4160.2 | 4561.8 | 4968.8 |
| -20° | 1416.1 | 1678.7 | 1954.1 | 2258.4 | 2578.9 | 2921.8 | 3275.3 | 3641.4 | 4024.6 | 4412.0 | 4796.1 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1367.4 | 1621.3 | 1886.0 | 2179.3 | 2488.6 | 2816.8 | 3157.1 | 3506.7 | 3872.0 | 4249.2 | 4606.4 |
| -25° | 1316.9 | 1561.1 | 1815.9 | 2092.2 | 2387.7 | 2700.2 | 3027.0 | 3358.1 | 3707.7 | 4058.9 | 4404.0 |
| -27.5° | 1265.0 | 1495.5 | 1740.2 | 1997.5 | 2276.3 | 2574.7 | 2888.3 | 3205.6 | 3524.4 | 3852.6 | 4183.1 |
| -30° | 1208.7 | 1426.3 | 1658.7 | 1899.2 | 2163.4 | 2444.2 | 2739.6 | 3035.8 | 3331.4 | 3640.1 | 3950.0 |
| -32.5° | 1149.1 | 1353.4 | 1575.8 | 1804.0 | 2045.6 | 2303.3 | 2578.1 | 2857.8 | 3137.2 | 3417.8 | 3708.5 |
| -35° | 1089.6 | 1283.8 | 1490.1 | 1703.4 | 1922.7 | 2162.9 | 2413.8 | 2671.9 | 2934.3 | 3197.1 | 3462.7 |
| -37.5° | 1031.8 | 1210.0 | 1400.5 | 1601.4 | 1808.1 | 2019.4 | 2243.8 | 2485.6 | 2727.7 | 2970.7 | 3217.6 |
| -40° | 970.0 | 1132.2 | 1313.4 | 1500.1 | 1684.3 | 1876.5 | 2083.2 | 2296.2 | 2519.4 | 2745.2 | 2969.1 |
| -42.5° | 905.8 | 1060.1 | 1224.5 | 1393.9 | 1563.7 | 1737.1 | 1918.0 | 2114.6 | 2312.0 | 2517.3 | 2723.5 |
| -45° | 847.9 | 984.4 | 1133.4 | 1290.4 | 1443.0 | 1598.2 | 1762.7 | 1931.0 | 2111.6 | 2289.6 | 2477.2 |
| -47.5° | 786.7 | 908.1 | 1046.5 | 1185.2 | 1326.4 | 1466.6 | 1607.3 | 1759.5 | 1913.5 | 2075.4 | 2231.3 |
| -50° | 726.3 | 837.5 | 954.7 | 1084.0 | 1213.2 | 1339.2 | 1465.4 | 1591.4 | 1727.0 | 1866.5 | 2007.5 |
| -52.5° | 674.6 | 763.8 | 870.7 | 981.9 | 1101.5 | 1219.1 | 1329.2 | 1438.6 | 1551.7 | 1665.5 | 1789.9 |
| -55° | 621.0 | 700.8 | 786.2 | 885.6 | 989.1 | 1098.7 | 1198.9 | 1294.9 | 1388.6 | 1489.1 | 1584.7 |
| -57.5° | 572.3 | 638.6 | 710.3 | 791.3 | 883.1 | 975.7 | 1068.8 | 1154.9 | 1239.8 | 1322.7 | 1402.0 |
| -60° | 526.2 | 578.9 | 638.7 | 706.2 | 778.8 | 861.2 | 940.4 | 1020.4 | 1095.5 | 1163.5 | 1233.7 |
| -62.5° | 478.9 | 522.4 | 569.7 | 624.8 | 686.9 | 748.9 | 818.4 | 888.8 | 957.3 | 1017.3 | 1072.8 |
| -65° | 427.6 | 463.7 | 502.6 | 546.8 | 595.6 | 648.0 | 702.5 | 758.6 | 819.5 | 870.4 | 916.9 |
| -67.5° | 373.8 | 404.7 | 435.8 | 468.3 | 507.8 | 549.1 | 589.9 | 636.7 | 684.6 | 727.1 | 765.0 |
| -70° | 311.9 | 343.9 | 370.3 | 396.1 | 422.5 | 453.3 | 487.8 | 521.8 | 556.8 | 595.0 | 631.8 |
| -72.5° | 248.6 | 277.7 | 303.0 | 324.4 | 343.8 | 364.3 | 387.3 | 412.5 | 443.9 | 478.5 | 510.1 |
| -75° | 189.4 | 212.2 | 234.9 | 254.6 | 268.4 | 278.6 | 288.2 | 303.5 | 333.2 | 367.9 | 398.0 |
| -77.5° | 133.2 | 154.0 | 172.1 | 187.5 | 195.8 | 203.1 | 209.0 | 213.6 | 236.3 | 266.0 | 295.5 |
| -80° | 84.0 | 96.3 | 112.7 | 127.2 | 133.5 | 136.8 | 138.3 | 138.0 | 155.7 | 179.2 | 203.9 |
| -82.5° | 47.2 | 56.9 | 66.2 | 75.0 | 77.3 | 77.3 | 76.6 | 76.8 | 90.8 | 106.8 | 123.2 |
| -85° | 15.2 | 17.4 | 24.2 | 30.7 | 33.8 | 35.8 | 36.6 | 36.5 | 42.5 | 49.3 | 56.8 |
| -87.5° | 7.6 | 8.7 | 9.9 | 11.1 | 11.2 | 11.2 | 11.1 | 11.0 | 11.4 | 11.9 | 12.3 |
| -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: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 12.7 | 13.1 | 13.4 | 13.7 | 14.0 | 14.3 | 14.6 | 14.8 | 15.0 | 14.2 | 13.3 |
| 85° | 64.8 | 69.4 | 73.6 | 77.7 | 81.6 | 85.3 | 88.7 | 92.0 | 95.0 | 86.7 | 77.6 |
| 82.5° | 139.9 | 151.1 | 161.8 | 172.4 | 182.9 | 185.6 | 186.4 | 186.1 | 184.6 | 170.1 | 154.1 |
| 80° | 228.4 | 247.4 | 265.3 | 283.1 | 300.6 | 302.6 | 300.6 | 297.0 | 291.9 | 272.9 | 251.4 |
| 77.5° | 324.9 | 348.8 | 369.8 | 389.0 | 406.4 | 409.7 | 409.3 | 408.4 | 407.0 | 387.6 | 364.2 |
| 75° | 423.9 | 447.3 | 469.9 | 489.1 | 505.1 | 512.5 | 516.1 | 518.6 | 520.0 | 506.1 | 487.9 |
| 72.5° | 538.6 | 563.0 | 582.9 | 601.6 | 617.4 | 628.8 | 637.0 | 643.1 | 647.3 | 643.1 | 635.7 |
| 70° | 663.2 | 689.3 | 711.3 | 732.3 | 753.7 | 770.9 | 783.8 | 793.2 | 799.2 | 803.1 | 805.8 |
| 67.5° | 803.4 | 838.5 | 869.0 | 895.2 | 921.0 | 945.3 | 965.2 | 981.5 | 994.1 | 1004.8 | 1013.0 |
| 65° | 961.4 | 1006.2 | 1045.9 | 1082.4 | 1115.9 | 1151.1 | 1179.9 | 1204.2 | 1223.7 | 1239.8 | 1252.7 |
| 62.5° | 1127.5 | 1182.4 | 1233.4 | 1282.9 | 1331.4 | 1379.2 | 1415.9 | 1449.3 | 1479.0 | 1504.6 | 1524.9 |
| 60° | 1300.0 | 1362.4 | 1430.9 | 1496.3 | 1556.5 | 1611.4 | 1666.0 | 1713.3 | 1753.8 | 1787.3 | 1814.4 |
| 57.5° | 1485.6 | 1566.4 | 1646.5 | 1727.6 | 1804.3 | 1876.1 | 1943.3 | 2002.6 | 2052.7 | 2093.8 | 2128.3 |
| 55° | 1686.0 | 1787.1 | 1879.9 | 1982.3 | 2081.2 | 2171.3 | 2250.6 | 2320.4 | 2380.7 | 2431.2 | 2474.1 |
| 52.5° | 1906.2 | 2029.1 | 2149.7 | 2266.3 | 2378.6 | 2483.1 | 2578.1 | 2659.3 | 2731.5 | 2793.4 | 2842.8 |
| 50° | 2147.3 | 2287.9 | 2427.7 | 2557.3 | 2686.4 | 2806.9 | 2915.7 | 3009.9 | 3094.0 | 3166.7 | 3223.9 |
| 47.5° | 2399.5 | 2559.6 | 2715.6 | 2864.0 | 3006.9 | 3140.7 | 3258.6 | 3366.0 | 3470.7 | 3556.2 | 3623.7 |
| 45° | 2661.4 | 2840.9 | 3013.1 | 3182.7 | 3340.0 | 3490.0 | 3635.5 | 3769.2 | 3876.7 | 3970.8 | 4049.9 |
| 42.5° | 2926.4 | 3126.6 | 3319.5 | 3504.5 | 3677.5 | 3851.0 | 4014.6 | 4160.8 | 4283.4 | 4390.4 | 4480.2 |
| 40° | 3194.9 | 3414.1 | 3626.5 | 3828.3 | 4026.0 | 4215.2 | 4392.1 | 4546.3 | 4684.5 | 4811.7 | 4917.6 |
| 37.5° | 3462.0 | 3703.1 | 3938.5 | 4164.6 | 4382.3 | 4587.2 | 4778.4 | 4952.6 | 5108.6 | 5253.4 | 5371.0 |
| 35° | 3730.2 | 3994.8 | 4252.6 | 4501.3 | 4739.1 | 4965.3 | 5174.5 | 5372.8 | 5556.7 | 5703.3 | 5823.6 |
| 32.5° | 3997.5 | 4282.0 | 4562.4 | 4836.3 | 5096.6 | 5340.4 | 5567.2 | 5786.2 | 5975.3 | 6136.5 | 6274.9 |
| 30° | 4256.1 | 4564.3 | 4869.7 | 5166.6 | 5447.8 | 5712.0 | 5963.1 | 6194.7 | 6398.1 | 6574.4 | 6729.5 |
| 27.5° | 4509.9 | 4841.0 | 5168.6 | 5485.9 | 5789.9 | 6076.9 | 6351.0 | 6602.1 | 6824.1 | 7015.7 | 7179.3 |
| 25° | 4749.7 | 5105.6 | 5454.9 | 5791.2 | 6115.9 | 6432.6 | 6728.5 | 7002.6 | 7239.7 | 7450.0 | 7618.1 |
| 22.5° | 4978.9 | 5358.4 | 5725.4 | 6079.2 | 6426.6 | 6767.9 | 7091.8 | 7378.0 | 7629.3 | 7849.2 | 8035.2 |
| 20° | 5192.4 | 5599.1 | 5974.5 | 6348.7 | 6714.6 | 7079.1 | 7426.8 | 7728.8 | 7994.7 | 8228.7 | 8433.8 |
| 17.5° | 5392.0 | 5809.1 | 6204.4 | 6602.8 | 6988.4 | 7370.8 | 7724.1 | 8047.8 | 8334.6 | 8583.2 | 8798.0 |
| 15° | 5560.9 | 5982.1 | 6413.9 | 6839.2 | 7245.9 | 7633.1 | 7986.1 | 8324.1 | 8642.7 | 8911.5 | 9129.3 |
| 12.5° | 5697.7 | 6135.8 | 6586.1 | 7037.7 | 7467.8 | 7854.4 | 8224.0 | 8567.0 | 8901.6 | 9203.5 | 9403.7 |
| 10° | 5814.3 | 6265.4 | 6730.3 | 7190.8 | 7626.7 | 8035.8 | 8437.6 | 8800.2 | 9129.0 | 9399.4 | 9622.9 |
| 7.5° | 5915.1 | 6379.7 | 6852.0 | 7313.2 | 7747.6 | 8170.3 | 8584.0 | 8969.0 | 9300.9 | 9555.7 | 9755.1 |
| 5° | 5989.4 | 6465.1 | 6946.5 | 7412.0 | 7852.4 | 8276.5 | 8692.0 | 9072.3 | 9396.3 | 9655.5 | 9872.9 |
| 2.5° | 6042.6 | 6522.8 | 7007.6 | 7473.8 | 7924.0 | 8349.1 | 8775.0 | 9159.5 | 9473.3 | 9710.8 | 9918.9 |
| 0° | 6076.7 | 6557.5 | 7046.1 | 7523.1 | 7965.2 | 8376.3 | 8833.9 | 9194.5 | 9520.2 | 9756.8 | 9974.0 |
| -2.5° | 6042.6 | 6522.8 | 7007.6 | 7473.8 | 7924.0 | 8349.1 | 8775.0 | 9159.5 | 9473.3 | 9710.8 | 9918.9 |
| -5° | 5989.4 | 6465.1 | 6946.5 | 7412.0 | 7852.4 | 8276.5 | 8692.0 | 9072.3 | 9396.3 | 9655.5 | 9872.9 |
| -7.5° | 5915.1 | 6379.7 | 6852.0 | 7313.2 | 7747.6 | 8170.3 | 8584.0 | 8969.0 | 9300.9 | 9555.7 | 9755.1 |
| -10° | 5814.3 | 6265.4 | 6730.3 | 7190.8 | 7626.7 | 8035.8 | 8437.6 | 8800.2 | 9129.0 | 9399.4 | 9622.9 |
| -12.5° | 5697.7 | 6135.8 | 6586.1 | 7037.7 | 7467.8 | 7854.4 | 8224.0 | 8567.0 | 8901.6 | 9203.5 | 9403.7 |
| -15° | 5560.9 | 5982.1 | 6413.9 | 6839.2 | 7245.9 | 7633.1 | 7986.1 | 8324.1 | 8642.7 | 8911.5 | 9129.3 |
| -17.5° | 5392.0 | 5809.1 | 6204.4 | 6602.8 | 6988.4 | 7370.8 | 7724.1 | 8047.8 | 8334.6 | 8583.2 | 8798.0 |
| -20° | 5192.4 | 5599.1 | 5974.5 | 6348.7 | 6714.6 | 7079.1 | 7426.8 | 7728.8 | 7994.7 | 8228.7 | 8433.8 |



REPORT NUMBER: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 4978.9 | 5358.4 | 5725.4 | 6079.2 | 6426.6 | 6767.9 | 7091.8 | 7378.0 | 7629.3 | 7849.2 | 8035.2 |
| -25° | 4749.7 | 5105.6 | 5454.9 | 5791.2 | 6115.9 | 6432.6 | 6728.5 | 7002.6 | 7239.7 | 7450.0 | 7618.1 |
| -27.5° | 4509.9 | 4841.0 | 5168.6 | 5485.9 | 5789.9 | 6076.9 | 6351.0 | 6602.1 | 6824.1 | 7015.7 | 7179.3 |
| -30° | 4256.1 | 4564.3 | 4869.7 | 5166.6 | 5447.8 | 5712.0 | 5963.1 | 6194.7 | 6398.1 | 6574.4 | 6729.5 |
| -32.5° | 3997.5 | 4282.0 | 4562.4 | 4836.3 | 5096.6 | 5340.4 | 5567.2 | 5786.2 | 5975.3 | 6136.5 | 6274.9 |
| -35° | 3730.2 | 3994.8 | 4252.6 | 4501.3 | 4739.1 | 4965.3 | 5174.5 | 5372.8 | 5556.7 | 5703.3 | 5823.6 |
| -37.5° | 3462.0 | 3703.1 | 3938.5 | 4164.6 | 4382.3 | 4587.2 | 4778.4 | 4952.6 | 5108.6 | 5253.4 | 5371.0 |
| -40° | 3194.9 | 3414.1 | 3626.5 | 3828.3 | 4026.0 | 4215.2 | 4392.1 | 4546.3 | 4684.5 | 4811.7 | 4917.6 |
| -42.5° | 2926.4 | 3126.6 | 3319.5 | 3504.5 | 3677.5 | 3851.0 | 4014.6 | 4160.8 | 4283.4 | 4390.4 | 4480.2 |
| -45° | 2661.4 | 2840.9 | 3013.1 | 3182.7 | 3340.0 | 3490.0 | 3635.5 | 3769.2 | 3876.7 | 3970.8 | 4049.9 |
| -47.5° | 2399.5 | 2559.6 | 2715.6 | 2864.0 | 3006.9 | 3140.7 | 3258.6 | 3366.0 | 3470.7 | 3556.2 | 3623.7 |
| -50° | 2147.3 | 2287.9 | 2427.7 | 2557.3 | 2686.4 | 2806.9 | 2915.7 | 3009.9 | 3094.0 | 3166.7 | 3223.9 |
| -52.5° | 1906.2 | 2029.1 | 2149.7 | 2266.3 | 2378.6 | 2483.1 | 2578.1 | 2659.3 | 2731.5 | 2793.4 | 2842.8 |
| -55° | 1686.0 | 1787.1 | 1879.9 | 1982.3 | 2081.2 | 2171.3 | 2250.6 | 2320.4 | 2380.7 | 2431.2 | 2474.1 |
| -57.5° | 1485.6 | 1566.4 | 1646.5 | 1727.6 | 1804.3 | 1876.1 | 1943.3 | 2002.6 | 2052.7 | 2093.8 | 2128.3 |
| -60° | 1300.0 | 1362.4 | 1430.9 | 1496.3 | 1556.5 | 1611.4 | 1666.0 | 1713.3 | 1753.8 | 1787.3 | 1814.4 |
| -62.5° | 1127.5 | 1182.4 | 1233.4 | 1282.9 | 1331.4 | 1379.2 | 1415.9 | 1449.3 | 1479.0 | 1504.6 | 1524.9 |
| -65° | 961.4 | 1006.2 | 1045.9 | 1082.4 | 1115.9 | 1151.1 | 1179.9 | 1204.2 | 1223.7 | 1239.8 | 1252.7 |
| -67.5° | 803.4 | 838.5 | 869.0 | 895.2 | 921.0 | 945.3 | 965.2 | 981.5 | 994.1 | 1004.8 | 1013.0 |
| -70° | 663.2 | 689.3 | 711.3 | 732.3 | 753.7 | 770.9 | 783.8 | 793.2 | 799.2 | 803.1 | 805.8 |
| -72.5° | 538.6 | 563.0 | 582.9 | 601.6 | 617.4 | 628.8 | 637.0 | 643.1 | 647.3 | 643.1 | 635.7 |
| -75° | 423.9 | 447.3 | 469.9 | 489.1 | 505.1 | 512.5 | 516.1 | 518.6 | 520.0 | 506.1 | 487.9 |
| -77.5° | 324.9 | 348.8 | 369.8 | 389.0 | 406.4 | 409.7 | 409.3 | 408.4 | 407.0 | 387.6 | 364.2 |
| -80° | 228.4 | 247.4 | 265.3 | 283.1 | 300.6 | 302.6 | 300.6 | 297.0 | 291.9 | 272.9 | 251.4 |
| -82.5° | 139.9 | 151.1 | 161.8 | 172.4 | 182.9 | 185.6 | 186.4 | 186.1 | 184.6 | 170.1 | 154.1 |
| -85° | 64.8 | 69.4 | 73.6 | 77.7 | 81.6 | 85.3 | 88.7 | 92.0 | 95.0 | 86.7 | 77.6 |
| -87.5° | 12.7 | 13.1 | 13.4 | 13.7 | 14.0 | 14.3 | 14.6 | 14.8 | 15.0 | 14.2 | 13.3 |
| -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: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 12.5 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.5 | 13.3 | 14.2 | 15.0 | 14.8 |
| 85° | 68.0 | 57.9 | 54.2 | 50.4 | 54.2 | 57.9 | 68.0 | 77.6 | 86.7 | 95.0 | 92.0 |
| 82.5° | 137.3 | 119.8 | 114.3 | 108.6 | 114.3 | 119.8 | 137.3 | 154.1 | 170.1 | 184.6 | 186.1 |
| 80° | 228.7 | 205.0 | 195.6 | 186.1 | 195.6 | 205.0 | 228.7 | 251.4 | 272.9 | 291.9 | 297.0 |
| 77.5° | 339.4 | 313.4 | 302.2 | 290.8 | 302.2 | 313.4 | 339.4 | 364.2 | 387.6 | 407.0 | 408.4 |
| 75° | 468.7 | 448.3 | 435.9 | 422.7 | 435.9 | 448.3 | 468.7 | 487.9 | 506.1 | 520.0 | 518.6 |
| 72.5° | 627.2 | 617.2 | 608.2 | 597.2 | 608.2 | 617.2 | 627.2 | 635.7 | 643.1 | 647.3 | 643.1 |
| 70° | 806.7 | 805.5 | 807.1 | 806.6 | 807.1 | 805.5 | 806.7 | 805.8 | 803.1 | 799.2 | 793.2 |
| 67.5° | 1017.2 | 1017.5 | 1021.9 | 1023.8 | 1021.9 | 1017.5 | 1017.2 | 1013.0 | 1004.8 | 994.1 | 981.5 |
| 65° | 1260.7 | 1263.7 | 1262.6 | 1256.4 | 1262.6 | 1263.7 | 1260.7 | 1252.7 | 1239.8 | 1223.7 | 1204.2 |
| 62.5° | 1539.3 | 1547.6 | 1552.2 | 1551.2 | 1552.2 | 1547.6 | 1539.3 | 1524.9 | 1504.6 | 1479.0 | 1449.3 |
| 60° | 1834.6 | 1847.7 | 1854.3 | 1853.6 | 1854.3 | 1847.7 | 1834.6 | 1814.4 | 1787.3 | 1753.8 | 1713.3 |
| 57.5° | 2154.0 | 2170.8 | 2174.7 | 2167.7 | 2174.7 | 2170.8 | 2154.0 | 2128.3 | 2093.8 | 2052.7 | 2002.6 |
| 55° | 2506.4 | 2527.9 | 2536.2 | 2532.3 | 2536.2 | 2527.9 | 2506.4 | 2474.1 | 2431.2 | 2380.7 | 2320.4 |
| 52.5° | 2879.0 | 2902.2 | 2910.5 | 2904.5 | 2910.5 | 2902.2 | 2879.0 | 2842.8 | 2793.4 | 2731.5 | 2659.3 |
| 50° | 3265.9 | 3294.1 | 3305.5 | 3300.1 | 3305.5 | 3294.1 | 3265.9 | 3223.9 | 3166.7 | 3094.0 | 3009.9 |
| 47.5° | 3676.7 | 3714.2 | 3728.8 | 3718.9 | 3728.8 | 3714.2 | 3676.7 | 3623.7 | 3556.2 | 3470.7 | 3366.0 |
| 45° | 4109.0 | 4147.9 | 4163.0 | 4153.2 | 4163.0 | 4147.9 | 4109.0 | 4049.9 | 3970.8 | 3876.7 | 3769.2 |
| 42.5° | 4548.9 | 4599.4 | 4620.8 | 4603.1 | 4620.8 | 4599.4 | 4548.9 | 4480.2 | 4390.4 | 4283.4 | 4160.8 |
| 40° | 4996.6 | 5051.5 | 5076.8 | 5064.5 | 5076.8 | 5051.5 | 4996.6 | 4917.6 | 4811.7 | 4684.5 | 4546.3 |
| 37.5° | 5455.9 | 5510.5 | 5537.3 | 5537.6 | 5537.3 | 5510.5 | 5455.9 | 5371.0 | 5253.4 | 5108.6 | 4952.6 |
| 35° | 5916.8 | 5982.9 | 6020.3 | 6018.5 | 6020.3 | 5982.9 | 5916.8 | 5823.6 | 5703.3 | 5556.7 | 5372.8 |
| 32.5° | 6384.2 | 6455.8 | 6494.0 | 6499.4 | 6494.0 | 6455.8 | 6384.2 | 6274.9 | 6136.5 | 5975.3 | 5786.2 |
| 30° | 6850.8 | 6929.5 | 6973.8 | 6991.9 | 6973.8 | 6929.5 | 6850.8 | 6729.5 | 6574.4 | 6398.1 | 6194.7 |
| 27.5° | 7303.2 | 7400.1 | 7466.9 | 7472.7 | 7466.9 | 7400.1 | 7303.2 | 7179.3 | 7015.7 | 6824.1 | 6602.1 |
| 25° | 7741.5 | 7840.1 | 7908.6 | 7922.5 | 7908.6 | 7840.1 | 7741.5 | 7618.1 | 7450.0 | 7239.7 | 7002.6 |
| 22.5° | 8173.4 | 8276.5 | 8339.7 | 8364.6 | 8339.7 | 8276.5 | 8173.4 | 8035.2 | 7849.2 | 7629.3 | 7378.0 |
| 20° | 8585.7 | 8697.4 | 8764.5 | 8791.2 | 8764.5 | 8697.4 | 8585.7 | 8433.8 | 8228.7 | 7994.7 | 7728.8 |
| 17.5° | 8958.7 | 9076.8 | 9159.6 | 9182.9 | 9159.6 | 9076.8 | 8958.7 | 8798.0 | 8583.2 | 8334.6 | 8047.8 |
| 15° | 9287.0 | 9398.9 | 9477.6 | 9508.6 | 9477.6 | 9398.9 | 9287.0 | 9129.3 | 8911.5 | 8642.7 | 8324.1 |
| 12.5° | 9554.2 | 9654.3 | 9715.9 | 9745.2 | 9715.9 | 9654.3 | 9554.2 | 9403.7 | 9203.5 | 8901.6 | 8567.0 |
| 10° | 9763.0 | 9863.4 | 9922.2 | 9962.3 | 9922.2 | 9863.4 | 9763.0 | 9622.9 | 9399.4 | 9129.0 | 8800.2 |
| 7.5° | 9944.1 | 10047.0 | 10119.0 | 10175.6 | 10119.0 | 10047.0 | 9944.1 | 9755.1 | 9555.7 | 9300.9 | 8969.0 |
| 5° | 10044.1 | 10216.0 | 10241.8 | 10280.3 | 10241.8 | 10216.0 | 10044.1 | 9872.9 | 9655.5 | 9396.3 | 9072.3 |
| 2.5° | 10120.4 | 10242.3 | 10315.5 | 10307.5 | 10315.5 | 10242.3 | 10120.4 | 9918.9 | 9710.8 | 9473.3 | 9159.5 |
| 0° | 10175.6 | 10284.2 | 10311.3 | 10346.2 | 10311.3 | 10284.2 | 10175.6 | 9974.0 | 9756.8 | 9520.2 | 9194.5 |
| -2.5° | 10120.4 | 10242.3 | 10315.5 | 10307.5 | 10315.5 | 10242.3 | 10120.4 | 9918.9 | 9710.8 | 9473.3 | 9159.5 |
| -5° | 10044.1 | 10216.0 | 10241.8 | 10280.3 | 10241.8 | 10216.0 | 10044.1 | 9872.9 | 9655.5 | 9396.3 | 9072.3 |
| -7.5° | 9944.1 | 10047.0 | 10119.0 | 10175.6 | 10119.0 | 10047.0 | 9944.1 | 9755.1 | 9555.7 | 9300.9 | 8969.0 |
| -10° | 9763.0 | 9863.4 | 9922.2 | 9962.3 | 9922.2 | 9863.4 | 9763.0 | 9622.9 | 9399.4 | 9129.0 | 8800.2 |
| -12.5° | 9554.2 | 9654.3 | 9715.9 | 9745.2 | 9715.9 | 9654.3 | 9554.2 | 9403.7 | 9203.5 | 8901.6 | 8567.0 |
| -15° | 9287.0 | 9398.9 | 9477.6 | 9508.6 | 9477.6 | 9398.9 | 9287.0 | 9129.3 | 8911.5 | 8642.7 | 8324.1 |
| -17.5° | 8958.7 | 9076.8 | 9159.6 | 9182.9 | 9159.6 | 9076.8 | 8958.7 | 8798.0 | 8583.2 | 8334.6 | 8047.8 |
| -20° | 8585.7 | 8697.4 | 8764.5 | 8791.2 | 8764.5 | 8697.4 | 8585.7 | 8433.8 | 8228.7 | 7994.7 | 7728.8 |



REPORT NUMBER: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 8173.4 | 8276.5 | 8339.7 | 8364.6 | 8339.7 | 8276.5 | 8173.4 | 8035.2 | 7849.2 | 7629.3 | 7378.0 |
| -25° | 7741.5 | 7840.1 | 7908.6 | 7922.5 | 7908.6 | 7840.1 | 7741.5 | 7618.1 | 7450.0 | 7239.7 | 7002.6 |
| -27.5° | 7303.2 | 7400.1 | 7466.9 | 7472.7 | 7466.9 | 7400.1 | 7303.2 | 7179.3 | 7015.7 | 6824.1 | 6602.1 |
| -30° | 6850.8 | 6929.5 | 6973.8 | 6991.9 | 6973.8 | 6929.5 | 6850.8 | 6729.5 | 6574.4 | 6398.1 | 6194.7 |
| -32.5° | 6384.2 | 6455.8 | 6494.0 | 6499.4 | 6494.0 | 6455.8 | 6384.2 | 6274.9 | 6136.5 | 5975.3 | 5786.2 |
| -35° | 5916.8 | 5982.9 | 6020.3 | 6018.5 | 6020.3 | 5982.9 | 5916.8 | 5823.6 | 5703.3 | 5556.7 | 5372.8 |
| -37.5° | 5455.9 | 5510.5 | 5537.3 | 5537.6 | 5537.3 | 5510.5 | 5455.9 | 5371.0 | 5253.4 | 5108.6 | 4952.6 |
| -40° | 4996.6 | 5051.5 | 5076.8 | 5064.5 | 5076.8 | 5051.5 | 4996.6 | 4917.6 | 4811.7 | 4684.5 | 4546.3 |
| -42.5° | 4548.9 | 4599.4 | 4620.8 | 4603.1 | 4620.8 | 4599.4 | 4548.9 | 4480.2 | 4390.4 | 4283.4 | 4160.8 |
| -45° | 4109.0 | 4147.9 | 4163.0 | 4153.2 | 4163.0 | 4147.9 | 4109.0 | 4049.9 | 3970.8 | 3876.7 | 3769.2 |
| -47.5° | 3676.7 | 3714.2 | 3728.8 | 3718.9 | 3728.8 | 3714.2 | 3676.7 | 3623.7 | 3556.2 | 3470.7 | 3366.0 |
| -50° | 3265.9 | 3294.1 | 3305.5 | 3300.1 | 3305.5 | 3294.1 | 3265.9 | 3223.9 | 3166.7 | 3094.0 | 3009.9 |
| -52.5° | 2879.0 | 2902.2 | 2910.5 | 2904.5 | 2910.5 | 2902.2 | 2879.0 | 2842.8 | 2793.4 | 2731.5 | 2659.3 |
| -55° | 2506.4 | 2527.9 | 2536.2 | 2532.3 | 2536.2 | 2527.9 | 2506.4 | 2474.1 | 2431.2 | 2380.7 | 2320.4 |
| -57.5° | 2154.0 | 2170.8 | 2174.7 | 2167.7 | 2174.7 | 2170.8 | 2154.0 | 2128.3 | 2093.8 | 2052.7 | 2002.6 |
| -60° | 1834.6 | 1847.7 | 1854.3 | 1853.6 | 1854.3 | 1847.7 | 1834.6 | 1814.4 | 1787.3 | 1753.8 | 1713.3 |
| -62.5° | 1539.3 | 1547.6 | 1552.2 | 1551.2 | 1552.2 | 1547.6 | 1539.3 | 1524.9 | 1504.6 | 1479.0 | 1449.3 |
| -65° | 1260.7 | 1263.7 | 1262.6 | 1256.4 | 1262.6 | 1263.7 | 1260.7 | 1252.7 | 1239.8 | 1223.7 | 1204.2 |
| -67.5° | 1017.2 | 1017.5 | 1021.9 | 1023.8 | 1021.9 | 1017.5 | 1017.2 | 1013.0 | 1004.8 | 994.1 | 981.5 |
| -70° | 806.7 | 805.5 | 807.1 | 806.6 | 807.1 | 805.5 | 806.7 | 805.8 | 803.1 | 799.2 | 793.2 |
| -72.5° | 627.2 | 617.2 | 608.2 | 597.2 | 608.2 | 617.2 | 627.2 | 635.7 | 643.1 | 647.3 | 643.1 |
| -75° | 468.7 | 448.3 | 435.9 | 422.7 | 435.9 | 448.3 | 468.7 | 487.9 | 506.1 | 520.0 | 518.6 |
| -77.5° | 339.4 | 313.4 | 302.2 | 290.8 | 302.2 | 313.4 | 339.4 | 364.2 | 387.6 | 407.0 | 408.4 |
| -80° | 228.7 | 205.0 | 195.6 | 186.1 | 195.6 | 205.0 | 228.7 | 251.4 | 272.9 | 291.9 | 297.0 |
| -82.5° | 137.3 | 119.8 | 114.3 | 108.6 | 114.3 | 119.8 | 137.3 | 154.1 | 170.1 | 184.6 | 186.1 |
| -85° | 68.0 | 57.9 | 54.2 | 50.4 | 54.2 | 57.9 | 68.0 | 77.6 | 86.7 | 95.0 | 92.0 |
| -87.5° | 12.5 | 11.6 | 11.6 | 11.6 | 11.6 | 11.6 | 12.5 | 13.3 | 14.2 | 15.0 | 14.8 |
| -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: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 14.6 | 14.3 | 14.0 | 13.7 | 13.4 | 13.1 | 12.7 | 12.3 | 11.9 | 11.4 | 11.0 |
| 85° | 88.7 | 85.3 | 81.6 | 77.7 | 73.6 | 69.4 | 64.8 | 56.8 | 49.3 | 42.5 | 36.5 |
| 82.5° | 186.4 | 185.6 | 182.9 | 172.4 | 161.8 | 151.1 | 139.9 | 123.2 | 106.8 | 90.8 | 76.8 |
| 80° | 300.6 | 302.6 | 300.6 | 283.1 | 265.3 | 247.4 | 228.4 | 203.9 | 179.2 | 155.7 | 138.0 |
| 77.5° | 409.3 | 409.7 | 406.4 | 389.0 | 369.8 | 348.8 | 324.9 | 295.5 | 266.0 | 236.3 | 213.6 |
| 75° | 516.1 | 512.5 | 505.1 | 489.1 | 469.9 | 447.3 | 423.9 | 398.0 | 367.9 | 333.2 | 303.5 |
| 72.5° | 637.0 | 628.8 | 617.4 | 601.6 | 582.9 | 563.0 | 538.6 | 510.1 | 478.5 | 443.9 | 412.5 |
| 70° | 783.8 | 770.9 | 753.7 | 732.3 | 711.3 | 689.3 | 663.2 | 631.8 | 595.0 | 556.8 | 521.8 |
| 67.5° | 965.2 | 945.3 | 921.0 | 895.2 | 869.0 | 838.5 | 803.4 | 765.0 | 727.1 | 684.6 | 636.7 |
| 65° | 1179.9 | 1151.1 | 1115.9 | 1082.4 | 1045.9 | 1006.2 | 961.4 | 916.9 | 870.4 | 819.5 | 758.6 |
| 62.5° | 1415.9 | 1379.2 | 1331.4 | 1282.9 | 1233.4 | 1182.4 | 1127.5 | 1072.8 | 1017.3 | 957.3 | 888.8 |
| 60° | 1666.0 | 1611.4 | 1556.5 | 1496.3 | 1430.9 | 1362.4 | 1300.0 | 1233.7 | 1163.5 | 1095.5 | 1020.4 |
| 57.5° | 1943.3 | 1876.1 | 1804.3 | 1727.6 | 1646.5 | 1566.4 | 1485.6 | 1402.0 | 1322.7 | 1239.8 | 1154.9 |
| 55° | 2250.6 | 2171.3 | 2081.2 | 1982.3 | 1879.9 | 1787.1 | 1686.0 | 1584.7 | 1489.1 | 1388.6 | 1294.9 |
| 52.5° | 2578.1 | 2483.1 | 2378.6 | 2266.3 | 2149.7 | 2029.1 | 1906.2 | 1789.9 | 1665.5 | 1551.7 | 1438.6 |
| 50° | 2915.7 | 2806.9 | 2686.4 | 2557.3 | 2427.7 | 2287.9 | 2147.3 | 2007.5 | 1866.5 | 1727.0 | 1591.4 |
| 47.5° | 3258.6 | 3140.7 | 3006.9 | 2864.0 | 2715.6 | 2559.6 | 2399.5 | 2231.3 | 2075.4 | 1913.5 | 1759.5 |
| 45° | 3635.5 | 3490.0 | 3340.0 | 3182.7 | 3013.1 | 2840.9 | 2661.4 | 2477.2 | 2289.6 | 2111.6 | 1931.0 |
| 42.5° | 4014.6 | 3851.0 | 3677.5 | 3504.5 | 3319.5 | 3126.6 | 2926.4 | 2723.5 | 2517.3 | 2312.0 | 2114.6 |
| 40° | 4392.1 | 4215.2 | 4026.0 | 3828.3 | 3626.5 | 3414.1 | 3194.9 | 2969.1 | 2745.2 | 2519.4 | 2296.2 |
| 37.5° | 4778.4 | 4587.2 | 4382.3 | 4164.6 | 3938.5 | 3703.1 | 3462.0 | 3217.6 | 2970.7 | 2727.7 | 2485.6 |
| 35° | 5174.5 | 4965.3 | 4739.1 | 4501.3 | 4252.6 | 3994.8 | 3730.2 | 3462.7 | 3197.1 | 2934.3 | 2671.9 |
| 32.5° | 5567.2 | 5340.4 | 5096.6 | 4836.3 | 4562.4 | 4282.0 | 3997.5 | 3708.5 | 3417.8 | 3137.2 | 2857.8 |
| 30° | 5963.1 | 5712.0 | 5447.8 | 5166.6 | 4869.7 | 4564.3 | 4256.1 | 3950.0 | 3640.1 | 3331.4 | 3035.8 |
| 27.5° | 6351.0 | 6076.9 | 5789.9 | 5485.9 | 5168.6 | 4841.0 | 4509.9 | 4183.1 | 3852.6 | 3524.4 | 3205.6 |
| 25° | 6728.5 | 6432.6 | 6115.9 | 5791.2 | 5454.9 | 5105.6 | 4749.7 | 4404.0 | 4058.9 | 3707.7 | 3358.1 |
| 22.5° | 7091.8 | 6767.9 | 6426.6 | 6079.2 | 5725.4 | 5358.4 | 4978.9 | 4606.4 | 4249.2 | 3872.0 | 3506.7 |
| 20° | 7426.8 | 7079.1 | 6714.6 | 6348.7 | 5974.5 | 5599.1 | 5192.4 | 4796.1 | 4412.0 | 4024.6 | 3641.4 |
| 17.5° | 7724.1 | 7370.8 | 6988.4 | 6602.8 | 6204.4 | 5809.1 | 5392.0 | 4968.8 | 4561.8 | 4160.2 | 3760.0 |
| 15° | 7986.1 | 7633.1 | 7245.9 | 6839.2 | 6413.9 | 5982.1 | 5560.9 | 5121.4 | 4698.3 | 4280.2 | 3869.6 |
| 12.5° | 8224.0 | 7854.4 | 7467.8 | 7037.7 | 6586.1 | 6135.8 | 5697.7 | 5255.1 | 4819.7 | 4389.9 | 3968.2 |
| 10° | 8437.6 | 8035.8 | 7626.7 | 7190.8 | 6730.3 | 6265.4 | 5814.3 | 5367.5 | 4923.0 | 4483.9 | 4049.5 |
| 7.5° | 8584.0 | 8170.3 | 7747.6 | 7313.2 | 6852.0 | 6379.7 | 5915.1 | 5457.8 | 5003.5 | 4558.7 | 4113.0 |
| 5° | 8692.0 | 8276.5 | 7852.4 | 7412.0 | 6946.5 | 6465.1 | 5989.4 | 5523.3 | 5060.9 | 4613.5 | 4158.2 |
| 2.5° | 8775.0 | 8349.1 | 7924.0 | 7473.8 | 7007.6 | 6522.8 | 6042.6 | 5572.6 | 5106.4 | 4653.6 | 4198.1 |
| 0° | 8833.9 | 8376.3 | 7965.2 | 7523.1 | 7046.1 | 6557.5 | 6076.7 | 5603.6 | 5134.3 | 4672.9 | 4219.2 |
| -2.5° | 8775.0 | 8349.1 | 7924.0 | 7473.8 | 7007.6 | 6522.8 | 6042.6 | 5572.6 | 5106.4 | 4653.6 | 4198.1 |
| -5° | 8692.0 | 8276.5 | 7852.4 | 7412.0 | 6946.5 | 6465.1 | 5989.4 | 5523.3 | 5060.9 | 4613.5 | 4158.2 |
| -7.5° | 8584.0 | 8170.3 | 7747.6 | 7313.2 | 6852.0 | 6379.7 | 5915.1 | 5457.8 | 5003.5 | 4558.7 | 4113.0 |
| -10° | 8437.6 | 8035.8 | 7626.7 | 7190.8 | 6730.3 | 6265.4 | 5814.3 | 5367.5 | 4923.0 | 4483.9 | 4049.5 |
| -12.5° | 8224.0 | 7854.4 | 7467.8 | 7037.7 | 6586.1 | 6135.8 | 5697.7 | 5255.1 | 4819.7 | 4389.9 | 3968.2 |
| -15° | 7986.1 | 7633.1 | 7245.9 | 6839.2 | 6413.9 | 5982.1 | 5560.9 | 5121.4 | 4698.3 | 4280.2 | 3869.6 |
| -17.5° | 7724.1 | 7370.8 | 6988.4 | 6602.8 | 6204.4 | 5809.1 | 5392.0 | 4968.8 | 4561.8 | 4160.2 | 3760.0 |
| -20° | 7426.8 | 7079.1 | 6714.6 | 6348.7 | 5974.5 | 5599.1 | 5192.4 | 4796.1 | 4412.0 | 4024.6 | 3641.4 |



REPORT NUMBER: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 7091.8 | 6767.9 | 6426.6 | 6079.2 | 5725.4 | 5358.4 | 4978.9 | 4606.4 | 4249.2 | 3872.0 | 3506.7 |
| -25° | 6728.5 | 6432.6 | 6115.9 | 5791.2 | 5454.9 | 5105.6 | 4749.7 | 4404.0 | 4058.9 | 3707.7 | 3358.1 |
| -27.5° | 6351.0 | 6076.9 | 5789.9 | 5485.9 | 5168.6 | 4841.0 | 4509.9 | 4183.1 | 3852.6 | 3524.4 | 3205.6 |
| -30° | 5963.1 | 5712.0 | 5447.8 | 5166.6 | 4869.7 | 4564.3 | 4256.1 | 3950.0 | 3640.1 | 3331.4 | 3035.8 |
| -32.5° | 5567.2 | 5340.4 | 5096.6 | 4836.3 | 4562.4 | 4282.0 | 3997.5 | 3708.5 | 3417.8 | 3137.2 | 2857.8 |
| -35° | 5174.5 | 4965.3 | 4739.1 | 4501.3 | 4252.6 | 3994.8 | 3730.2 | 3462.7 | 3197.1 | 2934.3 | 2671.9 |
| -37.5° | 4778.4 | 4587.2 | 4382.3 | 4164.6 | 3938.5 | 3703.1 | 3462.0 | 3217.6 | 2970.7 | 2727.7 | 2485.6 |
| -40° | 4392.1 | 4215.2 | 4026.0 | 3828.3 | 3626.5 | 3414.1 | 3194.9 | 2969.1 | 2745.2 | 2519.4 | 2296.2 |
| -42.5° | 4014.6 | 3851.0 | 3677.5 | 3504.5 | 3319.5 | 3126.6 | 2926.4 | 2723.5 | 2517.3 | 2312.0 | 2114.6 |
| -45° | 3635.5 | 3490.0 | 3340.0 | 3182.7 | 3013.1 | 2840.9 | 2661.4 | 2477.2 | 2289.6 | 2111.6 | 1931.0 |
| -47.5° | 3258.6 | 3140.7 | 3006.9 | 2864.0 | 2715.6 | 2559.6 | 2399.5 | 2231.3 | 2075.4 | 1913.5 | 1759.5 |
| -50° | 2915.7 | 2806.9 | 2686.4 | 2557.3 | 2427.7 | 2287.9 | 2147.3 | 2007.5 | 1866.5 | 1727.0 | 1591.4 |
| -52.5° | 2578.1 | 2483.1 | 2378.6 | 2266.3 | 2149.7 | 2029.1 | 1906.2 | 1789.9 | 1665.5 | 1551.7 | 1438.6 |
| -55° | 2250.6 | 2171.3 | 2081.2 | 1982.3 | 1879.9 | 1787.1 | 1686.0 | 1584.7 | 1489.1 | 1388.6 | 1294.9 |
| -57.5° | 1943.3 | 1876.1 | 1804.3 | 1727.6 | 1646.5 | 1566.4 | 1485.6 | 1402.0 | 1322.7 | 1239.8 | 1154.9 |
| -60° | 1666.0 | 1611.4 | 1556.5 | 1496.3 | 1430.9 | 1362.4 | 1300.0 | 1233.7 | 1163.5 | 1095.5 | 1020.4 |
| -62.5° | 1415.9 | 1379.2 | 1331.4 | 1282.9 | 1233.4 | 1182.4 | 1127.5 | 1072.8 | 1017.3 | 957.3 | 888.8 |
| -65° | 1179.9 | 1151.1 | 1115.9 | 1082.4 | 1045.9 | 1006.2 | 961.4 | 916.9 | 870.4 | 819.5 | 758.6 |
| -67.5° | 965.2 | 945.3 | 921.0 | 895.2 | 869.0 | 838.5 | 803.4 | 765.0 | 727.1 | 684.6 | 636.7 |
| -70° | 783.8 | 770.9 | 753.7 | 732.3 | 711.3 | 689.3 | 663.2 | 631.8 | 595.0 | 556.8 | 521.8 |
| -72.5° | 637.0 | 628.8 | 617.4 | 601.6 | 582.9 | 563.0 | 538.6 | 510.1 | 478.5 | 443.9 | 412.5 |
| -75° | 516.1 | 512.5 | 505.1 | 489.1 | 469.9 | 447.3 | 423.9 | 398.0 | 367.9 | 333.2 | 303.5 |
| -77.5° | 409.3 | 409.7 | 406.4 | 389.0 | 369.8 | 348.8 | 324.9 | 295.5 | 266.0 | 236.3 | 213.6 |
| -80° | 300.6 | 302.6 | 300.6 | 283.1 | 265.3 | 247.4 | 228.4 | 203.9 | 179.2 | 155.7 | 138.0 |
| -82.5° | 186.4 | 185.6 | 182.9 | 172.4 | 161.8 | 151.1 | 139.9 | 123.2 | 106.8 | 90.8 | 76.8 |
| -85° | 88.7 | 85.3 | 81.6 | 77.7 | 73.6 | 69.4 | 64.8 | 56.8 | 49.3 | 42.5 | 36.5 |
| -87.5° | 14.6 | 14.3 | 14.0 | 13.7 | 13.4 | 13.1 | 12.7 | 12.3 | 11.9 | 11.4 | 11.0 |
| -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: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 11.1 | 11.2 | 11.2 | 11.1 | 9.9 | 8.7 | 7.6 | 6.5 | 5.9 | 5.3 | 4.7 |
| 85° | 36.6 | 35.8 | 33.8 | 30.7 | 24.2 | 17.4 | 15.2 | 13.1 | 11.9 | 10.6 | 9.3 |
| 82.5° | 76.6 | 77.3 | 77.3 | 75.0 | 66.2 | 56.9 | 47.2 | 37.1 | 27.5 | 17.5 | 13.9 |
| 80° | 138.3 | 136.8 | 133.5 | 127.2 | 112.7 | 96.3 | 84.0 | 71.2 | 58.7 | 45.7 | 32.2 |
| 77.5° | 209.0 | 203.1 | 195.8 | 187.5 | 172.1 | 154.0 | 133.2 | 109.7 | 89.8 | 73.8 | 57.1 |
| 75° | 288.2 | 278.6 | 268.4 | 254.6 | 234.9 | 212.2 | 189.4 | 162.0 | 131.5 | 102.8 | 81.9 |
| 72.5° | 387.3 | 364.3 | 343.8 | 324.4 | 303.0 | 277.7 | 248.6 | 213.3 | 176.3 | 141.3 | 108.5 |
| 70° | 487.8 | 453.3 | 422.5 | 396.1 | 370.3 | 343.9 | 311.9 | 268.4 | 220.2 | 179.1 | 140.5 |
| 67.5° | 589.9 | 549.1 | 507.8 | 468.3 | 435.8 | 404.7 | 373.8 | 323.2 | 268.0 | 216.0 | 171.7 |
| 65° | 702.5 | 648.0 | 595.6 | 546.8 | 502.6 | 463.7 | 427.6 | 374.4 | 314.3 | 255.9 | 202.1 |
| 62.5° | 818.4 | 748.9 | 686.9 | 624.8 | 569.7 | 522.4 | 478.9 | 420.3 | 358.6 | 294.4 | 233.8 |
| 60° | 940.4 | 861.2 | 778.8 | 706.2 | 638.7 | 578.9 | 526.2 | 465.6 | 400.1 | 331.5 | 265.3 |
| 57.5° | 1068.8 | 975.7 | 883.1 | 791.3 | 710.3 | 638.6 | 572.3 | 508.5 | 440.8 | 368.1 | 294.6 |
| 55° | 1198.9 | 1098.7 | 989.1 | 885.6 | 786.2 | 700.8 | 621.0 | 549.6 | 480.2 | 404.1 | 319.9 |
| 52.5° | 1329.2 | 1219.1 | 1101.5 | 981.9 | 870.7 | 763.8 | 674.6 | 589.7 | 516.4 | 439.3 | 346.3 |
| 50° | 1465.4 | 1339.2 | 1213.2 | 1084.0 | 954.7 | 837.5 | 726.3 | 635.7 | 551.5 | 472.7 | 371.4 |
| 47.5° | 1607.3 | 1466.6 | 1326.4 | 1185.2 | 1046.5 | 908.1 | 786.7 | 680.7 | 585.5 | 502.9 | 394.6 |
| 45° | 1762.7 | 1598.2 | 1443.0 | 1290.4 | 1133.4 | 984.4 | 847.9 | 723.8 | 624.0 | 526.4 | 416.1 |
| 42.5° | 1918.0 | 1737.1 | 1563.7 | 1393.9 | 1224.5 | 1060.1 | 905.8 | 774.5 | 660.8 | 548.9 | 435.8 |
| 40° | 2083.2 | 1876.5 | 1684.3 | 1500.1 | 1313.4 | 1132.2 | 970.0 | 824.0 | 695.3 | 572.3 | 454.5 |
| 37.5° | 2243.8 | 2019.4 | 1808.1 | 1601.4 | 1400.5 | 1210.0 | 1031.8 | 870.3 | 728.1 | 598.5 | 472.2 |
| 35° | 2413.8 | 2162.9 | 1922.7 | 1703.4 | 1490.1 | 1283.8 | 1089.6 | 917.0 | 765.7 | 624.1 | 488.9 |
| 32.5° | 2578.1 | 2303.3 | 2045.6 | 1804.0 | 1575.8 | 1353.4 | 1149.1 | 966.5 | 802.0 | 649.0 | 504.5 |
| 30° | 2739.6 | 2444.2 | 2163.4 | 1899.2 | 1658.7 | 1426.3 | 1208.7 | 1012.7 | 836.6 | 672.9 | 520.1 |
| 27.5° | 2888.3 | 2574.7 | 2276.3 | 1997.5 | 1740.2 | 1495.5 | 1265.0 | 1055.6 | 869.5 | 697.6 | 538.2 |
| 25° | 3027.0 | 2700.2 | 2387.7 | 2092.2 | 1815.9 | 1561.1 | 1316.9 | 1095.3 | 902.9 | 723.3 | 555.1 |
| 22.5° | 3157.1 | 2816.8 | 2488.6 | 2179.3 | 1886.0 | 1621.3 | 1367.4 | 1137.6 | 934.6 | 747.0 | 570.5 |
| 20° | 3275.3 | 2921.8 | 2578.9 | 2258.4 | 1954.1 | 1678.7 | 1416.1 | 1175.5 | 962.9 | 768.5 | 584.4 |
| 17.5° | 3381.8 | 3017.8 | 2665.2 | 2332.2 | 2017.6 | 1729.7 | 1459.3 | 1208.9 | 987.7 | 787.6 | 596.7 |
| 15° | 3480.6 | 3105.0 | 2741.4 | 2396.7 | 2072.6 | 1774.1 | 1496.9 | 1237.7 | 1009.0 | 804.3 | 608.3 |
| 12.5° | 3565.6 | 3179.8 | 2806.1 | 2451.5 | 2118.9 | 1811.6 | 1528.7 | 1261.8 | 1026.7 | 819.3 | 619.3 |
| 10° | 3635.6 | 3241.6 | 2858.9 | 2496.3 | 2156.3 | 1842.3 | 1554.6 | 1282.2 | 1043.3 | 832.3 | 627.7 |
| 7.5° | 3690.1 | 3290.0 | 2899.7 | 2530.8 | 2186.0 | 1867.8 | 1576.5 | 1299.7 | 1056.6 | 842.3 | 633.6 |
| 5° | 3731.4 | 3327.8 | 2935.1 | 2559.8 | 2213.3 | 1888.5 | 1592.6 | 1312.3 | 1066.3 | 849.2 | 637.0 |
| 2.5° | 3768.0 | 3356.2 | 2962.9 | 2578.6 | 2231.9 | 1901.9 | 1602.2 | 1319.9 | 1072.2 | 852.8 | 637.8 |
| 0° | 3788.7 | 3369.9 | 2978.2 | 2586.6 | 2241.4 | 1907.9 | 1605.4 | 1322.4 | 1074.2 | 853.1 | 636.0 |
| -2.5° | 3768.0 | 3356.2 | 2962.9 | 2578.6 | 2231.9 | 1901.9 | 1602.2 | 1319.9 | 1072.2 | 852.8 | 637.8 |
| -5° | 3731.4 | 3327.8 | 2935.1 | 2559.8 | 2213.3 | 1888.5 | 1592.6 | 1312.3 | 1066.3 | 849.2 | 637.0 |
| -7.5° | 3690.1 | 3290.0 | 2899.7 | 2530.8 | 2186.0 | 1867.8 | 1576.5 | 1299.7 | 1056.6 | 842.3 | 633.6 |
| -10° | 3635.6 | 3241.6 | 2858.9 | 2496.3 | 2156.3 | 1842.3 | 1554.6 | 1282.2 | 1043.3 | 832.3 | 627.7 |
| -12.5° | 3565.6 | 3179.8 | 2806.1 | 2451.5 | 2118.9 | 1811.6 | 1528.7 | 1261.8 | 1026.7 | 819.3 | 619.3 |
| -15° | 3480.6 | 3105.0 | 2741.4 | 2396.7 | 2072.6 | 1774.1 | 1496.9 | 1237.7 | 1009.0 | 804.3 | 608.3 |
| -17.5° | 3381.8 | 3017.8 | 2665.2 | 2332.2 | 2017.6 | 1729.7 | 1459.3 | 1208.9 | 987.7 | 787.6 | 596.7 |
| -20° | 3275.3 | 2921.8 | 2578.9 | 2258.4 | 1954.1 | 1678.7 | 1416.1 | 1175.5 | 962.9 | 768.5 | 584.4 |



REPORT NUMBER: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| -22.5° | 3157.1 | 2816.8 | 2488.6 | 2179.3 | 1886.0 | 1621.3 | 1367.4 | 1137.6 | 934.6 | 747.0 | 570.5 |
| -25° | 3027.0 | 2700.2 | 2387.7 | 2092.2 | 1815.9 | 1561.1 | 1316.9 | 1095.3 | 902.9 | 723.3 | 555.1 |
| -27.5° | 2888.3 | 2574.7 | 2276.3 | 1997.5 | 1740.2 | 1495.5 | 1265.0 | 1055.6 | 869.5 | 697.6 | 538.2 |
| -30° | 2739.6 | 2444.2 | 2163.4 | 1899.2 | 1658.7 | 1426.3 | 1208.7 | 1012.7 | 836.6 | 672.9 | 520.1 |
| -32.5° | 2578.1 | 2303.3 | 2045.6 | 1804.0 | 1575.8 | 1353.4 | 1149.1 | 966.5 | 802.0 | 649.0 | 504.5 |
| -35° | 2413.8 | 2162.9 | 1922.7 | 1703.4 | 1490.1 | 1283.8 | 1089.6 | 917.0 | 765.7 | 624.1 | 488.9 |
| -37.5° | 2243.8 | 2019.4 | 1808.1 | 1601.4 | 1400.5 | 1210.0 | 1031.8 | 870.3 | 728.1 | 598.5 | 472.2 |
| -40° | 2083.2 | 1876.5 | 1684.3 | 1500.1 | 1313.4 | 1132.2 | 970.0 | 824.0 | 695.3 | 572.3 | 454.5 |
| -42.5° | 1918.0 | 1737.1 | 1563.7 | 1393.9 | 1224.5 | 1060.1 | 905.8 | 774.5 | 660.8 | 548.9 | 435.8 |
| -45° | 1762.7 | 1598.2 | 1443.0 | 1290.4 | 1133.4 | 984.4 | 847.9 | 723.8 | 624.0 | 526.4 | 416.1 |
| -47.5° | 1607.3 | 1466.6 | 1326.4 | 1185.2 | 1046.5 | 908.1 | 786.7 | 680.7 | 585.5 | 502.9 | 394.6 |
| -50° | 1465.4 | 1339.2 | 1213.2 | 1084.0 | 954.7 | 837.5 | 726.3 | 635.7 | 551.5 | 472.7 | 371.4 |
| -52.5° | 1329.2 | 1219.1 | 1101.5 | 981.9 | 870.7 | 763.8 | 674.6 | 589.7 | 516.4 | 439.3 | 346.3 |
| -55° | 1198.9 | 1098.7 | 989.1 | 885.6 | 786.2 | 700.8 | 621.0 | 549.6 | 480.2 | 404.1 | 319.9 |
| -57.5° | 1068.8 | 975.7 | 883.1 | 791.3 | 710.3 | 638.6 | 572.3 | 508.5 | 440.8 | 368.1 | 294.6 |
| -60° | 940.4 | 861.2 | 778.8 | 706.2 | 638.7 | 578.9 | 526.2 | 465.6 | 400.1 | 331.5 | 265.3 |
| -62.5° | 818.4 | 748.9 | 686.9 | 624.8 | 569.7 | 522.4 | 478.9 | 420.3 | 358.6 | 294.4 | 233.8 |
| -65° | 702.5 | 648.0 | 595.6 | 546.8 | 502.6 | 463.7 | 427.6 | 374.4 | 314.3 | 255.9 | 202.1 |
| -67.5° | 589.9 | 549.1 | 507.8 | 468.3 | 435.8 | 404.7 | 373.8 | 323.2 | 268.0 | 216.0 | 171.7 |
| -70° | 487.8 | 453.3 | 422.5 | 396.1 | 370.3 | 343.9 | 311.9 | 268.4 | 220.2 | 179.1 | 140.5 |
| -72.5° | 387.3 | 364.3 | 343.8 | 324.4 | 303.0 | 277.7 | 248.6 | 213.3 | 176.3 | 141.3 | 108.5 |
| -75° | 288.2 | 278.6 | 268.4 | 254.6 | 234.9 | 212.2 | 189.4 | 162.0 | 131.5 | 102.8 | 81.9 |
| -77.5° | 209.0 | 203.1 | 195.8 | 187.5 | 172.1 | 154.0 | 133.2 | 109.7 | 89.8 | 73.8 | 57.1 |
| -80° | 138.3 | 136.8 | 133.5 | 127.2 | 112.7 | 96.3 | 84.0 | 71.2 | 58.7 | 45.7 | 32.2 |
| -82.5° | 76.6 | 77.3 | 77.3 | 75.0 | 66.2 | 56.9 | 47.2 | 37.1 | 27.5 | 17.5 | 13.9 |
| -85° | 36.6 | 35.8 | 33.8 | 30.7 | 24.2 | 17.4 | 15.2 | 13.1 | 11.9 | 10.6 | 9.3 |
| -87.5° | 11.1 | 11.2 | 11.2 | 11.1 | 9.9 | 8.7 | 7.6 | 6.5 | 5.9 | 5.3 | 4.7 |
| -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: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.0 | 3.4 | 2.7 | 2.0 | 1.4 | 0.6 | 0.0 |
| 85° | 8.0 | 6.7 | 5.4 | 4.0 | 2.7 | 1.2 | 0.0 |
| 82.5° | 12.0 | 10.0 | 8.1 | 6.1 | 4.0 | 1.8 | 0.0 |
| 80° | 18.1 | 13.4 | 10.7 | 8.1 | 5.4 | 2.3 | 0.0 |
| 77.5° | 39.4 | 20.9 | 13.4 | 10.0 | 6.7 | 2.9 | 0.0 |
| 75° | 60.1 | 36.2 | 17.4 | 12.0 | 7.9 | 3.5 | 0.0 |
| 72.5° | 80.3 | 51.1 | 27.7 | 13.9 | 9.2 | 4.0 | 0.0 |
| 70° | 100.4 | 65.4 | 37.8 | 16.7 | 10.4 | 4.6 | 0.0 |
| 67.5° | 124.6 | 79.2 | 47.4 | 22.9 | 11.6 | 5.1 | 0.0 |
| 65° | 147.7 | 94.5 | 56.6 | 28.8 | 12.8 | 5.6 | 0.0 |
| 62.5° | 169.6 | 111.4 | 65.3 | 34.5 | 13.9 | 6.2 | 0.0 |
| 60° | 190.3 | 127.3 | 73.4 | 39.9 | 15.0 | 6.6 | 0.0 |
| 57.5° | 212.1 | 142.3 | 84.3 | 45.0 | 18.0 | 7.1 | 0.0 |
| 55° | 232.7 | 156.2 | 94.7 | 49.7 | 20.9 | 7.6 | 0.0 |
| 52.5° | 251.8 | 169.4 | 104.4 | 54.0 | 23.8 | 8.0 | 0.0 |
| 50° | 269.3 | 183.4 | 113.3 | 58.0 | 26.5 | 8.4 | 0.0 |
| 47.5° | 285.7 | 196.2 | 121.4 | 62.1 | 29.1 | 8.8 | 0.0 |
| 45° | 303.9 | 207.8 | 128.7 | 67.5 | 31.5 | 9.2 | 0.0 |
| 42.5° | 320.6 | 218.1 | 135.1 | 72.4 | 33.9 | 9.5 | 0.0 |
| 40° | 335.8 | 227.0 | 141.6 | 77.4 | 36.1 | 9.8 | 0.0 |
| 37.5° | 349.4 | 234.7 | 148.1 | 82.3 | 38.1 | 10.1 | 0.0 |
| 35° | 361.4 | 243.6 | 153.6 | 86.9 | 40.0 | 10.4 | 0.0 |
| 32.5° | 372.5 | 252.4 | 158.2 | 91.1 | 41.8 | 10.7 | 0.0 |
| 30° | 384.0 | 260.0 | 161.9 | 95.0 | 43.4 | 10.9 | 0.0 |
| 27.5° | 394.3 | 266.3 | 167.4 | 98.5 | 44.8 | 11.1 | 0.0 |
| 25° | 403.4 | 271.3 | 172.7 | 101.7 | 46.1 | 11.3 | 0.0 |
| 22.5° | 411.2 | 276.3 | 177.2 | 104.4 | 47.2 | 11.4 | 0.0 |
| 20° | 417.7 | 283.1 | 181.2 | 106.8 | 48.2 | 11.5 | 0.0 |
| 17.5° | 425.7 | 288.8 | 184.5 | 108.9 | 49.0 | 11.6 | 0.0 |
| 15° | 434.1 | 293.1 | 187.2 | 110.5 | 49.7 | 11.7 | 0.0 |
| 12.5° | 440.9 | 296.3 | 189.2 | 111.8 | 50.2 | 11.7 | 0.0 |
| 10° | 446.1 | 298.2 | 190.6 | 112.6 | 50.6 | 11.8 | 0.0 |
| 7.5° | 449.6 | 299.0 | 191.4 | 113.2 | 50.7 | 11.8 | 0.0 |
| 5° | 451.4 | 298.6 | 191.5 | 113.3 | 50.8 | 11.7 | 0.0 |
| 2.5° | 451.5 | 297.2 | 191.1 | 113.1 | 50.7 | 11.7 | 0.0 |
| 0° | 449.8 | 294.7 | 190.0 | 112.5 | 50.4 | 11.6 | 0.0 |
| -2.5° | 451.5 | 297.2 | 191.1 | 113.1 | 50.7 | 11.7 | 0.0 |
| -5° | 451.4 | 298.6 | 191.5 | 113.3 | 50.8 | 11.7 | 0.0 |
| -7.5° | 449.6 | 299.0 | 191.4 | 113.2 | 50.7 | 11.8 | 0.0 |
| -10° | 446.1 | 298.2 | 190.6 | 112.6 | 50.6 | 11.8 | 0.0 |
| -12.5° | 440.9 | 296.3 | 189.2 | 111.8 | 50.2 | 11.7 | 0.0 |
| -15° | 434.1 | 293.1 | 187.2 | 110.5 | 49.7 | 11.7 | 0.0 |
| -17.5° | 425.7 | 288.8 | 184.5 | 108.9 | 49.0 | 11.6 | 0.0 |
| -20° | 417.7 | 283.1 | 181.2 | 106.8 | 48.2 | 11.5 | 0.0 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627371 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA4C-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|-----|
| -22.5° | 411.2 | 276.3 | 177.2 | 104.4 | 47.2 | 11.4 | 0.0 |
| -25° | 403.4 | 271.3 | 172.7 | 101.7 | 46.1 | 11.3 | 0.0 |
| -27.5° | 394.3 | 266.3 | 167.4 | 98.5 | 44.8 | 11.1 | 0.0 |
| -30° | 384.0 | 260.0 | 161.9 | 95.0 | 43.4 | 10.9 | 0.0 |
| -32.5° | 372.5 | 252.4 | 158.2 | 91.1 | 41.8 | 10.7 | 0.0 |
| -35° | 361.4 | 243.6 | 153.6 | 86.9 | 40.0 | 10.4 | 0.0 |
| -37.5° | 349.4 | 234.7 | 148.1 | 82.3 | 38.1 | 10.1 | 0.0 |
| -40° | 335.8 | 227.0 | 141.6 | 77.4 | 36.1 | 9.8 | 0.0 |
| -42.5° | 320.6 | 218.1 | 135.1 | 72.4 | 33.9 | 9.5 | 0.0 |
| -45° | 303.9 | 207.8 | 128.7 | 67.5 | 31.5 | 9.2 | 0.0 |
| -47.5° | 285.7 | 196.2 | 121.4 | 62.1 | 29.1 | 8.8 | 0.0 |
| -50° | 269.3 | 183.4 | 113.3 | 58.0 | 26.5 | 8.4 | 0.0 |
| -52.5° | 251.8 | 169.4 | 104.4 | 54.0 | 23.8 | 8.0 | 0.0 |
| -55° | 232.7 | 156.2 | 94.7 | 49.7 | 20.9 | 7.6 | 0.0 |
| -57.5° | 212.1 | 142.3 | 84.3 | 45.0 | 18.0 | 7.1 | 0.0 |
| -60° | 190.3 | 127.3 | 73.4 | 39.9 | 15.0 | 6.6 | 0.0 |
| -62.5° | 169.6 | 111.4 | 65.3 | 34.5 | 13.9 | 6.2 | 0.0 |
| -65° | 147.7 | 94.5 | 56.6 | 28.8 | 12.8 | 5.6 | 0.0 |
| -67.5° | 124.6 | 79.2 | 47.4 | 22.9 | 11.6 | 5.1 | 0.0 |
| -70° | 100.4 | 65.4 | 37.8 | 16.7 | 10.4 | 4.6 | 0.0 |
| -72.5° | 80.3 | 51.1 | 27.7 | 13.9 | 9.2 | 4.0 | 0.0 |
| -75° | 60.1 | 36.2 | 17.4 | 12.0 | 7.9 | 3.5 | 0.0 |
| -77.5° | 39.4 | 20.9 | 13.4 | 10.0 | 6.7 | 2.9 | 0.0 |
| -80° | 18.1 | 13.4 | 10.7 | 8.1 | 5.4 | 2.3 | 0.0 |
| -82.5° | 12.0 | 10.0 | 8.1 | 6.1 | 4.0 | 1.8 | 0.0 |
| -85° | 8.0 | 6.7 | 5.4 | 4.0 | 2.7 | 1.2 | 0.0 |
| -87.5° | 4.0 | 3.4 | 2.7 | 2.0 | 1.4 | 0.6 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)