

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA1E-727-U-LAM-XX

Issue Date: 2/28/2023

Test Information

Test Method: LM-79-2019
Report Number: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-21)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/4/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1E-727-U-LAM-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, LAMBERTIAN
Light Source: (16) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

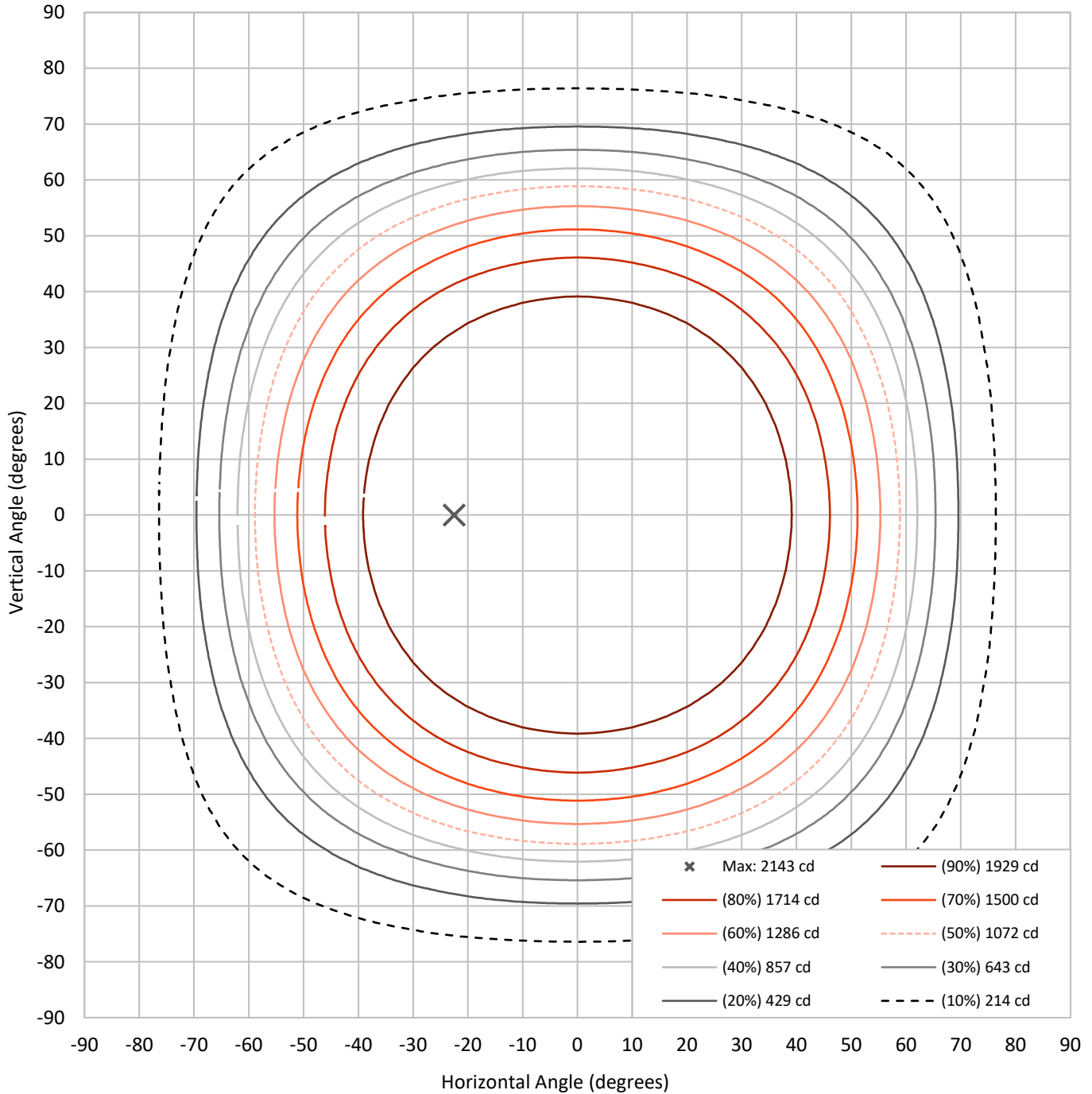
Summary

| | | | |
|-----------------------------------|--|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 6555.5 lumens | Max Intensity: | 2143 candela |
| Efficiency: | N/A | Max Intensity Angle: | -22.5°H x 0°V |
| Efficacy: | 99.0 lumens/watt | | |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') | | |
| | | | |
| Beam Angle (50%): | 117.8°H x 112°V | Field Angle (10%): | 152.8°H x 150.5°V |
| Beam Lumens: | 5455.7 lumens | Field Lumens: | 6426.6 lumens |
| Beam Efficiency: | 83.2% | Field Efficiency: | 98.0% |
| | | | |
| Input Watts (W): | 66.2 | | |
| 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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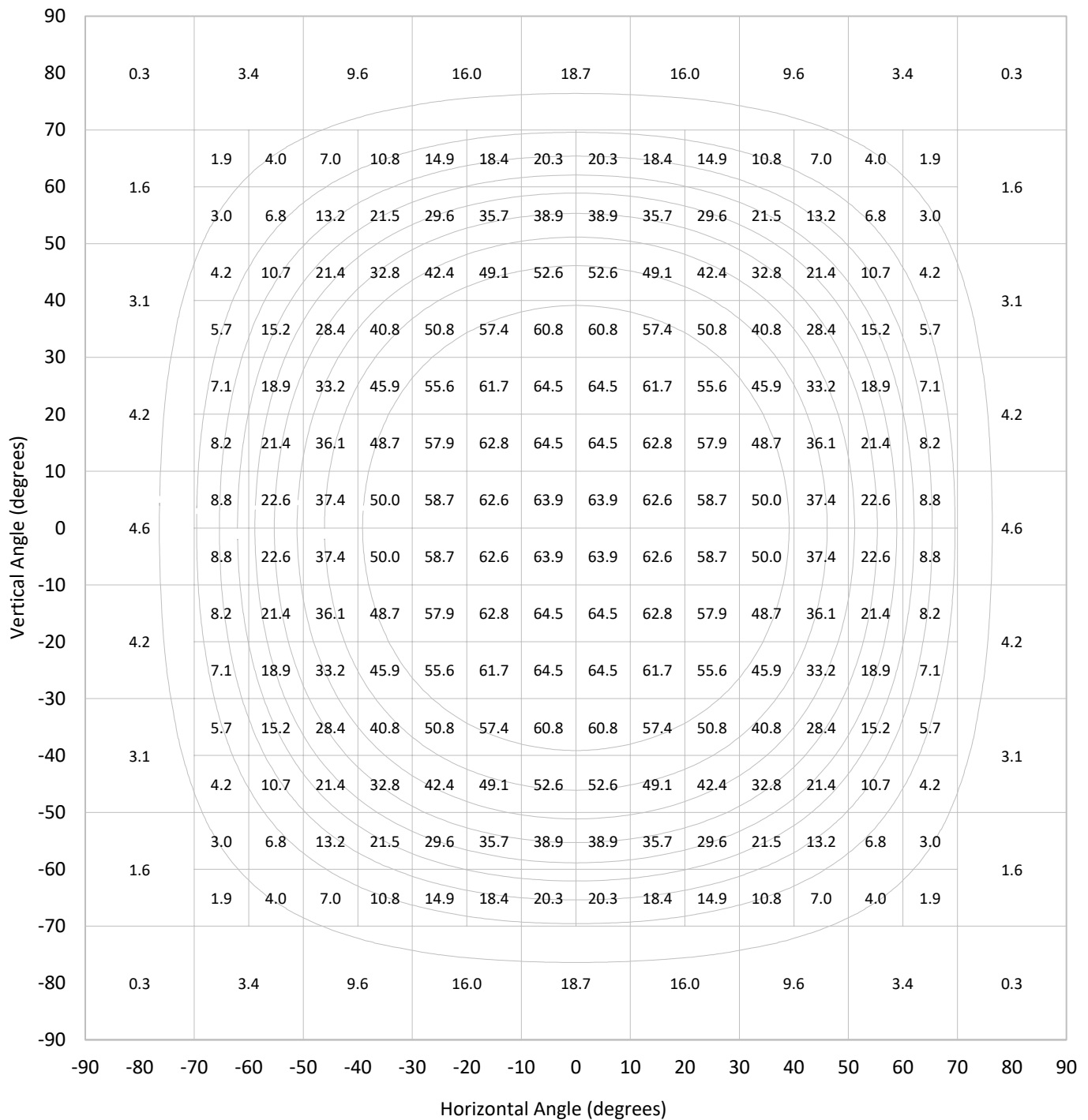
Iso-Candela Plot





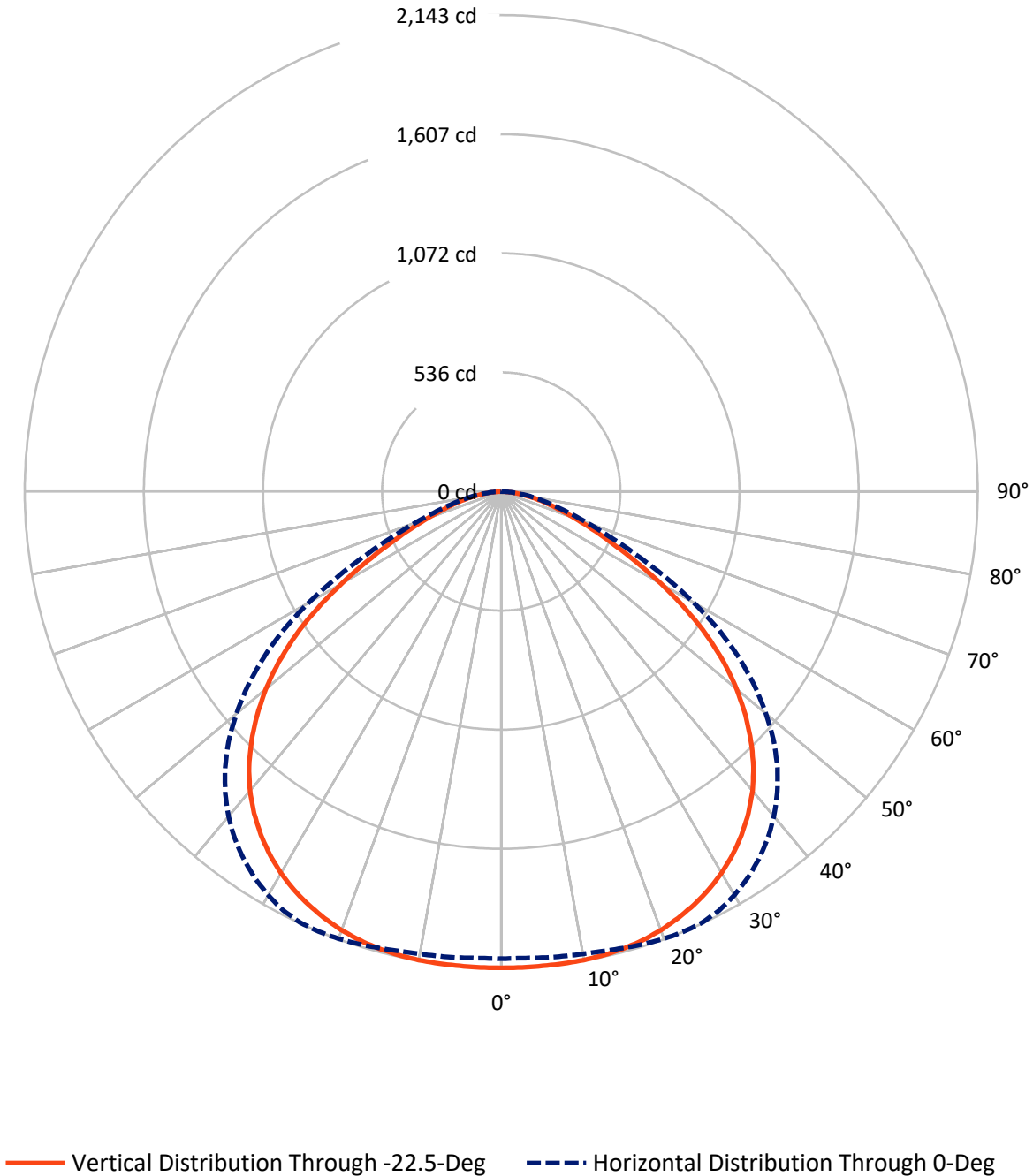
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Lumen Table



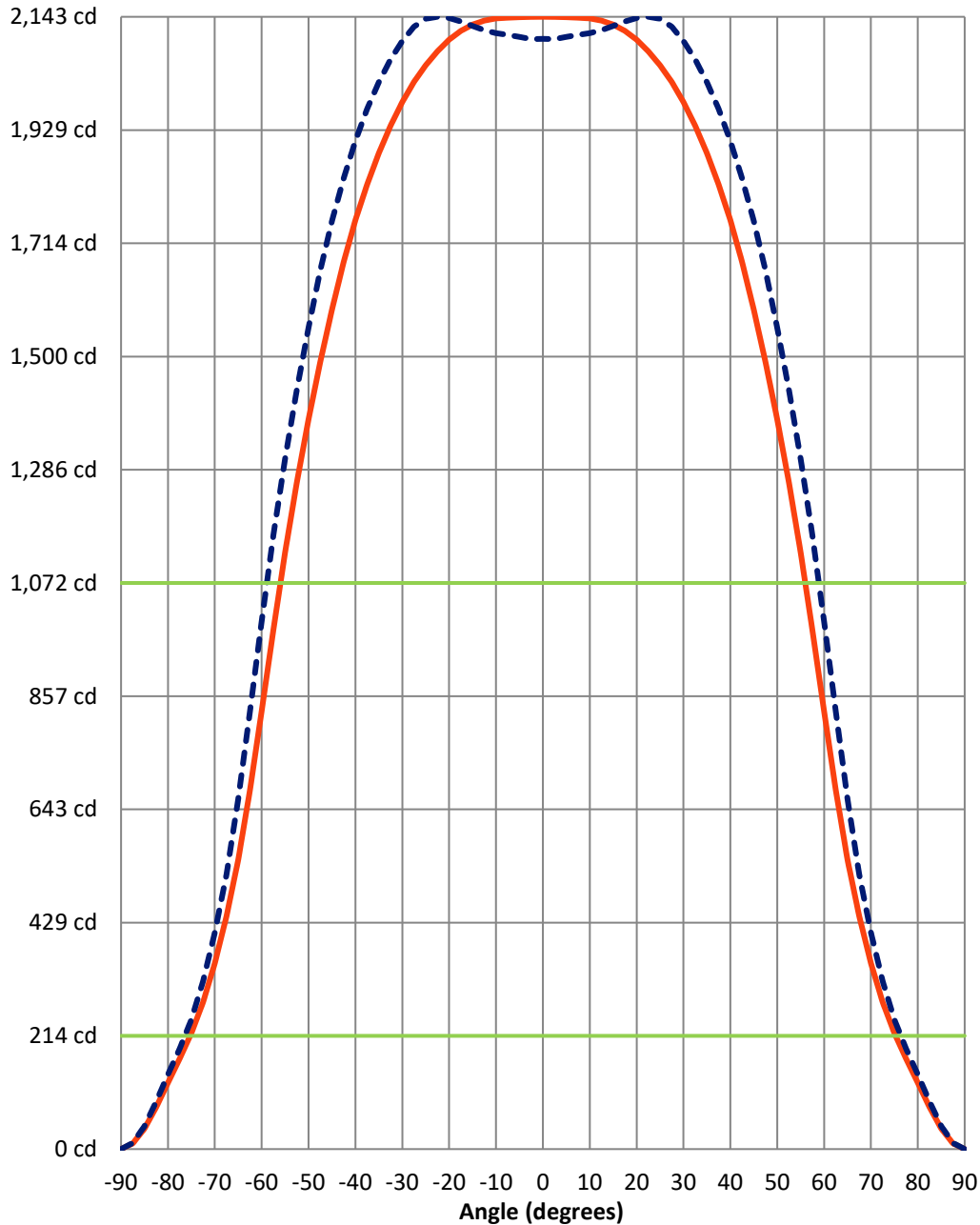
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 117.8°
 V Angle: 112°
 Lumens: 5455.7
 Efficiency: 83.2%

Field:
 H Angle: 152.8°
 V Angle: 150.5°
 Lumens: 6426.6
 Efficiency: 98.0%

Spill:
 Lumens: 128.9
 Efficiency: 2.0%

— Vertical Distribution through -22.5-Deg
 - - Horizontal Distribution through 0-Deg

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA1E-727-U-LAM-XX

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 | 0.5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 4.9 |
| 85° | 0.0 | 1.0 | 2.0 | 3.1 | 4.1 | 5.1 | 6.0 | 7.0 | 8.0 | 8.9 | 9.9 |
| 82.5° | 0.0 | 1.5 | 3.1 | 4.6 | 6.1 | 7.6 | 9.1 | 10.5 | 12.4 | 16.3 | 20.1 |
| 80° | 0.0 | 2.0 | 4.1 | 6.1 | 8.1 | 10.1 | 12.7 | 18.0 | 23.2 | 28.4 | 33.5 |
| 77.5° | 0.0 | 2.5 | 5.1 | 7.6 | 10.1 | 14.1 | 20.8 | 27.4 | 34.0 | 40.4 | 48.2 |
| 75° | 0.0 | 3.0 | 6.0 | 9.1 | 12.7 | 20.8 | 28.8 | 36.8 | 45.1 | 56.3 | 67.4 |
| 72.5° | 0.0 | 3.5 | 7.0 | 10.5 | 18.0 | 27.4 | 36.8 | 47.1 | 60.4 | 73.4 | 86.3 |
| 70° | 0.0 | 4.0 | 8.0 | 12.4 | 23.2 | 34.0 | 45.1 | 60.4 | 75.5 | 90.4 | 106.6 |
| 67.5° | 0.0 | 4.5 | 8.9 | 16.3 | 28.4 | 40.4 | 56.3 | 73.4 | 90.4 | 108.8 | 126.9 |
| 65° | 0.0 | 4.9 | 9.9 | 20.1 | 33.5 | 48.2 | 67.4 | 86.3 | 106.6 | 126.9 | 146.7 |
| 62.5° | 0.0 | 5.4 | 10.8 | 23.9 | 38.5 | 57.3 | 78.2 | 99.8 | 122.4 | 144.6 | 165.6 |
| 60° | 0.0 | 5.8 | 11.7 | 27.5 | 43.4 | 66.1 | 88.8 | 113.5 | 138.0 | 161.2 | 184.0 |
| 57.5° | 0.0 | 6.3 | 14.0 | 31.1 | 50.2 | 74.7 | 100.1 | 126.8 | 152.6 | 177.5 | 203.7 |
| 55° | 0.0 | 6.7 | 16.4 | 34.6 | 56.9 | 83.2 | 111.2 | 139.7 | 166.7 | 193.9 | 223.7 |
| 52.5° | 0.0 | 7.1 | 18.6 | 38.0 | 63.4 | 91.5 | 122.0 | 151.8 | 180.5 | 211.4 | 243.2 |
| 50° | 0.0 | 7.5 | 20.8 | 41.2 | 69.7 | 100.2 | 132.4 | 163.4 | 194.3 | 228.4 | 267.4 |
| 47.5° | 0.0 | 7.9 | 22.9 | 44.7 | 75.8 | 108.6 | 142.5 | 174.7 | 208.9 | 244.8 | 291.4 |
| 45° | 0.0 | 8.3 | 24.9 | 49.1 | 81.7 | 116.6 | 151.7 | 185.5 | 223.0 | 265.6 | 314.6 |
| 42.5° | 0.0 | 8.6 | 26.8 | 53.3 | 87.3 | 124.4 | 160.6 | 196.7 | 236.5 | 285.6 | 342.0 |
| 40° | 0.0 | 9.0 | 28.6 | 57.3 | 92.9 | 131.8 | 169.1 | 208.0 | 250.7 | 304.7 | 369.0 |
| 37.5° | 0.0 | 9.3 | 30.4 | 61.1 | 98.6 | 138.8 | 177.2 | 218.7 | 266.8 | 324.3 | 394.7 |
| 35° | 0.0 | 9.6 | 32.0 | 64.7 | 103.9 | 145.2 | 184.8 | 228.8 | 282.1 | 346.2 | 421.0 |
| 32.5° | 0.0 | 9.9 | 33.6 | 68.1 | 108.8 | 151.2 | 192.3 | 238.4 | 296.5 | 366.8 | 448.6 |
| 30° | 0.0 | 10.1 | 35.0 | 71.3 | 113.5 | 156.8 | 199.9 | 248.0 | 310.0 | 386.1 | 474.6 |
| 27.5° | 0.0 | 10.4 | 36.4 | 74.2 | 117.8 | 162.0 | 207.0 | 258.9 | 323.8 | 404.0 | 498.7 |
| 25° | 0.0 | 10.6 | 37.6 | 76.9 | 121.8 | 166.7 | 213.5 | 268.9 | 338.4 | 422.7 | 521.2 |
| 22.5° | 0.0 | 10.8 | 38.7 | 79.3 | 125.4 | 171.1 | 219.4 | 278.1 | 351.7 | 440.9 | 547.5 |
| 20° | 0.0 | 11.0 | 39.7 | 81.6 | 128.7 | 175.0 | 224.8 | 286.3 | 363.7 | 457.2 | 571.3 |
| 17.5° | 0.0 | 11.2 | 40.6 | 83.5 | 131.5 | 178.4 | 229.5 | 293.6 | 374.4 | 471.8 | 592.4 |
| 15° | 0.0 | 11.3 | 41.4 | 85.2 | 134.1 | 181.5 | 233.6 | 300.0 | 383.7 | 484.5 | 610.9 |
| 12.5° | 0.0 | 11.4 | 42.1 | 86.7 | 136.2 | 184.0 | 237.2 | 305.5 | 391.7 | 495.3 | 626.6 |
| 10° | 0.0 | 11.5 | 42.6 | 87.9 | 138.0 | 186.1 | 240.0 | 309.9 | 398.2 | 504.1 | 639.5 |
| 7.5° | 0.0 | 11.6 | 43.1 | 88.8 | 139.3 | 187.8 | 242.3 | 313.4 | 403.2 | 511.1 | 649.6 |
| 5° | 0.0 | 11.7 | 43.4 | 89.5 | 140.3 | 189.0 | 243.9 | 315.9 | 406.9 | 516.0 | 656.8 |
| 2.5° | 0.0 | 11.7 | 43.5 | 89.9 | 140.9 | 189.7 | 244.9 | 317.4 | 409.1 | 519.0 | 661.1 |
| 0° | 0.0 | 11.7 | 43.6 | 90.0 | 141.1 | 189.9 | 245.2 | 317.9 | 409.8 | 520.0 | 662.6 |
| -2.5° | 0.0 | 11.7 | 43.5 | 89.9 | 140.9 | 189.7 | 244.9 | 317.4 | 409.1 | 519.0 | 661.1 |
| -5° | 0.0 | 11.7 | 43.4 | 89.5 | 140.3 | 189.0 | 243.9 | 315.9 | 406.9 | 516.0 | 656.8 |
| -7.5° | 0.0 | 11.6 | 43.1 | 88.8 | 139.3 | 187.8 | 242.3 | 313.4 | 403.2 | 511.1 | 649.6 |
| -10° | 0.0 | 11.5 | 42.6 | 87.9 | 138.0 | 186.1 | 240.0 | 309.9 | 398.2 | 504.1 | 639.5 |
| -12.5° | 0.0 | 11.4 | 42.1 | 86.7 | 136.2 | 184.0 | 237.2 | 305.5 | 391.7 | 495.3 | 626.6 |
| -15° | 0.0 | 11.3 | 41.4 | 85.2 | 134.1 | 181.5 | 233.6 | 300.0 | 383.7 | 484.5 | 610.9 |
| -17.5° | 0.0 | 11.2 | 40.6 | 83.5 | 131.5 | 178.4 | 229.5 | 293.6 | 374.4 | 471.8 | 592.4 |
| -20° | 0.0 | 11.0 | 39.7 | 81.6 | 128.7 | 175.0 | 224.8 | 286.3 | 363.7 | 457.2 | 571.3 |



REPORT NUMBER: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0 | 10.8 | 38.7 | 79.3 | 125.4 | 171.1 | 219.4 | 278.1 | 351.7 | 440.9 | 547.5 |
| -25° | 0.0 | 10.6 | 37.6 | 76.9 | 121.8 | 166.7 | 213.5 | 268.9 | 338.4 | 422.7 | 521.2 |
| -27.5° | 0.0 | 10.4 | 36.4 | 74.2 | 117.8 | 162.0 | 207.0 | 258.9 | 323.8 | 404.0 | 498.7 |
| -30° | 0.0 | 10.1 | 35.0 | 71.3 | 113.5 | 156.8 | 199.9 | 248.0 | 310.0 | 386.1 | 474.6 |
| -32.5° | 0.0 | 9.9 | 33.6 | 68.1 | 108.8 | 151.2 | 192.3 | 238.4 | 296.5 | 366.8 | 448.6 |
| -35° | 0.0 | 9.6 | 32.0 | 64.7 | 103.9 | 145.2 | 184.8 | 228.8 | 282.1 | 346.2 | 421.0 |
| -37.5° | 0.0 | 9.3 | 30.4 | 61.1 | 98.6 | 138.8 | 177.2 | 218.7 | 266.8 | 324.3 | 394.7 |
| -40° | 0.0 | 9.0 | 28.6 | 57.3 | 92.9 | 131.8 | 169.1 | 208.0 | 250.7 | 304.7 | 369.0 |
| -42.5° | 0.0 | 8.6 | 26.8 | 53.3 | 87.3 | 124.4 | 160.6 | 196.7 | 236.5 | 285.6 | 342.0 |
| -45° | 0.0 | 8.3 | 24.9 | 49.1 | 81.7 | 116.6 | 151.7 | 185.5 | 223.0 | 265.6 | 314.6 |
| -47.5° | 0.0 | 7.9 | 22.9 | 44.7 | 75.8 | 108.6 | 142.5 | 174.7 | 208.9 | 244.8 | 291.4 |
| -50° | 0.0 | 7.5 | 20.8 | 41.2 | 69.7 | 100.2 | 132.4 | 163.4 | 194.3 | 228.4 | 267.4 |
| -52.5° | 0.0 | 7.1 | 18.6 | 38.0 | 63.4 | 91.5 | 122.0 | 151.8 | 180.5 | 211.4 | 243.2 |
| -55° | 0.0 | 6.7 | 16.4 | 34.6 | 56.9 | 83.2 | 111.2 | 139.7 | 166.7 | 193.9 | 223.7 |
| -57.5° | 0.0 | 6.3 | 14.0 | 31.1 | 50.2 | 74.7 | 100.1 | 126.8 | 152.6 | 177.5 | 203.7 |
| -60° | 0.0 | 5.8 | 11.7 | 27.5 | 43.4 | 66.1 | 88.8 | 113.5 | 138.0 | 161.2 | 184.0 |
| -62.5° | 0.0 | 5.4 | 10.8 | 23.9 | 38.5 | 57.3 | 78.2 | 99.8 | 122.4 | 144.6 | 165.6 |
| -65° | 0.0 | 4.9 | 9.9 | 20.1 | 33.5 | 48.2 | 67.4 | 86.3 | 106.6 | 126.9 | 146.7 |
| -67.5° | 0.0 | 4.5 | 8.9 | 16.3 | 28.4 | 40.4 | 56.3 | 73.4 | 90.4 | 108.8 | 126.9 |
| -70° | 0.0 | 4.0 | 8.0 | 12.4 | 23.2 | 34.0 | 45.1 | 60.4 | 75.5 | 90.4 | 106.6 |
| -72.5° | 0.0 | 3.5 | 7.0 | 10.5 | 18.0 | 27.4 | 36.8 | 47.1 | 60.4 | 73.4 | 86.3 |
| -75° | 0.0 | 3.0 | 6.0 | 9.1 | 12.7 | 20.8 | 28.8 | 36.8 | 45.1 | 56.3 | 67.4 |
| -77.5° | 0.0 | 2.5 | 5.1 | 7.6 | 10.1 | 14.1 | 20.8 | 27.4 | 34.0 | 40.4 | 48.2 |
| -80° | 0.0 | 2.0 | 4.1 | 6.1 | 8.1 | 10.1 | 12.7 | 18.0 | 23.2 | 28.4 | 33.5 |
| -82.5° | 0.0 | 1.5 | 3.1 | 4.6 | 6.1 | 7.6 | 9.1 | 10.5 | 12.4 | 16.3 | 20.1 |
| -85° | 0.0 | 1.0 | 2.0 | 3.1 | 4.1 | 5.1 | 6.0 | 7.0 | 8.0 | 8.9 | 9.9 |
| -87.5° | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 4.9 |
| -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: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-U-LAM-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° | 5.4 | 5.8 | 6.3 | 6.7 | 7.1 | 7.5 | 7.9 | 8.3 | 8.6 | 9.0 | 9.3 |
| 85° | 10.8 | 11.7 | 14.0 | 16.4 | 18.6 | 20.8 | 22.9 | 24.9 | 26.8 | 28.6 | 30.4 |
| 82.5° | 23.9 | 27.5 | 31.1 | 34.6 | 38.0 | 41.2 | 44.7 | 49.1 | 53.3 | 57.3 | 61.1 |
| 80° | 38.5 | 43.4 | 50.2 | 56.9 | 63.4 | 69.7 | 75.8 | 81.7 | 87.3 | 92.9 | 98.6 |
| 77.5° | 57.3 | 66.1 | 74.7 | 83.2 | 91.5 | 100.2 | 108.6 | 116.6 | 124.4 | 131.8 | 138.8 |
| 75° | 78.2 | 88.8 | 100.1 | 111.2 | 122.0 | 132.4 | 142.5 | 151.7 | 160.6 | 169.1 | 177.2 |
| 72.5° | 99.8 | 113.5 | 126.8 | 139.7 | 151.8 | 163.4 | 174.7 | 185.5 | 196.7 | 208.0 | 218.7 |
| 70° | 122.4 | 138.0 | 152.6 | 166.7 | 180.5 | 194.3 | 208.9 | 223.0 | 236.5 | 250.7 | 266.8 |
| 67.5° | 144.6 | 161.2 | 177.5 | 193.9 | 211.4 | 228.4 | 244.8 | 265.6 | 285.6 | 304.7 | 324.3 |
| 65° | 165.6 | 184.0 | 203.7 | 223.7 | 243.2 | 267.4 | 291.4 | 314.6 | 342.0 | 369.0 | 394.7 |
| 62.5° | 186.2 | 208.7 | 231.2 | 255.6 | 283.7 | 311.1 | 342.8 | 375.1 | 406.3 | 441.3 | 475.5 |
| 60° | 208.7 | 233.6 | 262.2 | 293.6 | 326.0 | 363.7 | 400.3 | 440.9 | 481.7 | 521.2 | 569.7 |
| 57.5° | 231.2 | 262.2 | 297.0 | 334.4 | 376.4 | 418.8 | 466.4 | 512.5 | 567.7 | 623.0 | 677.9 |
| 55° | 255.6 | 293.6 | 334.4 | 380.7 | 429.0 | 481.9 | 537.1 | 601.4 | 663.7 | 733.1 | 799.5 |
| 52.5° | 283.7 | 326.0 | 376.4 | 429.0 | 487.0 | 550.6 | 621.8 | 695.5 | 773.0 | 848.4 | 922.3 |
| 50° | 311.1 | 363.7 | 418.8 | 481.9 | 550.6 | 628.6 | 711.5 | 797.3 | 881.9 | 964.6 | 1042.0 |
| 47.5° | 342.8 | 400.3 | 466.4 | 537.1 | 621.8 | 711.5 | 805.4 | 898.9 | 990.2 | 1075.0 | 1156.2 |
| 45° | 375.1 | 440.9 | 512.5 | 601.4 | 695.5 | 797.3 | 898.9 | 998.8 | 1091.6 | 1179.2 | 1255.8 |
| 42.5° | 406.3 | 481.7 | 567.7 | 663.7 | 773.0 | 881.9 | 990.2 | 1091.6 | 1186.7 | 1271.0 | 1348.0 |
| 40° | 441.3 | 521.2 | 623.0 | 733.1 | 848.4 | 964.6 | 1075.0 | 1179.2 | 1271.0 | 1355.0 | 1433.0 |
| 37.5° | 475.5 | 569.7 | 677.9 | 799.5 | 922.3 | 1042.0 | 1156.2 | 1255.8 | 1348.0 | 1433.0 | 1507.7 |
| 35° | 507.9 | 615.7 | 736.2 | 863.9 | 992.8 | 1114.5 | 1225.6 | 1327.1 | 1418.7 | 1501.1 | 1577.6 |
| 32.5° | 543.9 | 659.3 | 791.4 | 925.8 | 1057.0 | 1181.0 | 1291.1 | 1390.4 | 1481.5 | 1565.2 | 1641.1 |
| 30° | 581.1 | 706.2 | 843.8 | 984.1 | 1117.4 | 1238.6 | 1348.6 | 1449.1 | 1539.4 | 1622.1 | 1696.5 |
| 27.5° | 615.7 | 750.5 | 893.9 | 1036.8 | 1172.5 | 1292.6 | 1401.2 | 1500.1 | 1591.0 | 1674.2 | 1746.3 |
| 25° | 647.7 | 791.4 | 940.1 | 1085.1 | 1218.9 | 1339.3 | 1448.8 | 1547.7 | 1638.0 | 1717.9 | 1788.0 |
| 22.5° | 679.3 | 828.9 | 982.6 | 1129.3 | 1261.5 | 1381.1 | 1489.6 | 1588.7 | 1679.1 | 1758.2 | 1825.5 |
| 20° | 710.0 | 863.9 | 1020.0 | 1168.6 | 1300.2 | 1419.0 | 1526.7 | 1625.6 | 1713.6 | 1790.2 | 1857.2 |
| 17.5° | 737.3 | 895.0 | 1052.7 | 1200.3 | 1332.1 | 1451.4 | 1559.5 | 1658.7 | 1744.6 | 1819.1 | 1884.5 |
| 15° | 761.1 | 922.3 | 1081.4 | 1228.1 | 1359.4 | 1478.3 | 1586.4 | 1684.5 | 1769.9 | 1843.7 | 1908.7 |
| 12.5° | 781.4 | 945.5 | 1105.8 | 1251.8 | 1382.8 | 1501.3 | 1609.4 | 1706.2 | 1790.1 | 1863.0 | 1926.6 |
| 10° | 798.2 | 964.6 | 1125.9 | 1271.3 | 1402.1 | 1520.3 | 1628.5 | 1724.2 | 1806.9 | 1879.0 | 1941.5 |
| 7.5° | 811.2 | 979.5 | 1141.6 | 1286.6 | 1417.2 | 1535.2 | 1643.4 | 1738.3 | 1820.1 | 1891.7 | 1953.3 |
| 5° | 820.6 | 990.2 | 1152.9 | 1297.6 | 1428.1 | 1545.9 | 1654.2 | 1748.4 | 1829.6 | 1900.8 | 1961.7 |
| 2.5° | 826.2 | 996.7 | 1159.7 | 1304.2 | 1434.6 | 1552.3 | 1660.6 | 1754.6 | 1835.4 | 1906.3 | 1966.9 |
| 0° | 828.1 | 998.8 | 1162.0 | 1306.4 | 1436.8 | 1554.5 | 1662.8 | 1756.6 | 1837.3 | 1908.1 | 1968.6 |
| -2.5° | 826.2 | 996.7 | 1159.7 | 1304.2 | 1434.6 | 1552.3 | 1660.6 | 1754.6 | 1835.4 | 1906.3 | 1966.9 |
| -5° | 820.6 | 990.2 | 1152.9 | 1297.6 | 1428.1 | 1545.9 | 1654.2 | 1748.4 | 1829.6 | 1900.8 | 1961.7 |
| -7.5° | 811.2 | 979.5 | 1141.6 | 1286.6 | 1417.2 | 1535.2 | 1643.4 | 1738.3 | 1820.1 | 1891.7 | 1953.3 |
| -10° | 798.2 | 964.6 | 1125.9 | 1271.3 | 1402.1 | 1520.3 | 1628.5 | 1724.2 | 1806.9 | 1879.0 | 1941.5 |
| -12.5° | 781.4 | 945.5 | 1105.8 | 1251.8 | 1382.8 | 1501.3 | 1609.4 | 1706.2 | 1790.1 | 1863.0 | 1926.6 |
| -15° | 761.1 | 922.3 | 1081.4 | 1228.1 | 1359.4 | 1478.3 | 1586.4 | 1684.5 | 1769.9 | 1843.7 | 1908.7 |
| -17.5° | 737.3 | 895.0 | 1052.7 | 1200.3 | 1332.1 | 1451.4 | 1559.5 | 1658.7 | 1744.6 | 1819.1 | 1884.5 |
| -20° | 710.0 | 863.9 | 1020.0 | 1168.6 | 1300.2 | 1419.0 | 1526.7 | 1625.6 | 1713.6 | 1790.2 | 1857.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 679.3 | 828.9 | 982.6 | 1129.3 | 1261.5 | 1381.1 | 1489.6 | 1588.7 | 1679.1 | 1758.2 | 1825.5 |
| -25° | 647.7 | 791.4 | 940.1 | 1085.1 | 1218.9 | 1339.3 | 1448.8 | 1547.7 | 1638.0 | 1717.9 | 1788.0 |
| -27.5° | 615.7 | 750.5 | 893.9 | 1036.8 | 1172.5 | 1292.6 | 1401.2 | 1500.1 | 1591.0 | 1674.2 | 1746.3 |
| -30° | 581.1 | 706.2 | 843.8 | 984.1 | 1117.4 | 1238.6 | 1348.6 | 1449.1 | 1539.4 | 1622.1 | 1696.5 |
| -32.5° | 543.9 | 659.3 | 791.4 | 925.8 | 1057.0 | 1181.0 | 1291.1 | 1390.4 | 1481.5 | 1565.2 | 1641.1 |
| -35° | 507.9 | 615.7 | 736.2 | 863.9 | 992.8 | 1114.5 | 1225.6 | 1327.1 | 1418.7 | 1501.1 | 1577.6 |
| -37.5° | 475.5 | 569.7 | 677.9 | 799.5 | 922.3 | 1042.0 | 1156.2 | 1255.8 | 1348.0 | 1433.0 | 1507.7 |
| -40° | 441.3 | 521.2 | 623.0 | 733.1 | 848.4 | 964.6 | 1075.0 | 1179.2 | 1271.0 | 1355.0 | 1433.0 |
| -42.5° | 406.3 | 481.7 | 567.7 | 663.7 | 773.0 | 881.9 | 990.2 | 1091.6 | 1186.7 | 1271.0 | 1348.0 |
| -45° | 375.1 | 440.9 | 512.5 | 601.4 | 695.5 | 797.3 | 898.9 | 998.8 | 1091.6 | 1179.2 | 1255.8 |
| -47.5° | 342.8 | 400.3 | 466.4 | 537.1 | 621.8 | 711.5 | 805.4 | 898.9 | 990.2 | 1075.0 | 1156.2 |
| -50° | 311.1 | 363.7 | 418.8 | 481.9 | 550.6 | 628.6 | 711.5 | 797.3 | 881.9 | 964.6 | 1042.0 |
| -52.5° | 283.7 | 326.0 | 376.4 | 429.0 | 487.0 | 550.6 | 621.8 | 695.5 | 773.0 | 848.4 | 922.3 |
| -55° | 255.6 | 293.6 | 334.4 | 380.7 | 429.0 | 481.9 | 537.1 | 601.4 | 663.7 | 733.1 | 799.5 |
| -57.5° | 231.2 | 262.2 | 297.0 | 334.4 | 376.4 | 418.8 | 466.4 | 512.5 | 567.7 | 623.0 | 677.9 |
| -60° | 208.7 | 233.6 | 262.2 | 293.6 | 326.0 | 363.7 | 400.3 | 440.9 | 481.7 | 521.2 | 569.7 |
| -62.5° | 186.2 | 208.7 | 231.2 | 255.6 | 283.7 | 311.1 | 342.8 | 375.1 | 406.3 | 441.3 | 475.5 |
| -65° | 165.6 | 184.0 | 203.7 | 223.7 | 243.2 | 267.4 | 291.4 | 314.6 | 342.0 | 369.0 | 394.7 |
| -67.5° | 144.6 | 161.2 | 177.5 | 193.9 | 211.4 | 228.4 | 244.8 | 265.6 | 285.6 | 304.7 | 324.3 |
| -70° | 122.4 | 138.0 | 152.6 | 166.7 | 180.5 | 194.3 | 208.9 | 223.0 | 236.5 | 250.7 | 266.8 |
| -72.5° | 99.8 | 113.5 | 126.8 | 139.7 | 151.8 | 163.4 | 174.7 | 185.5 | 196.7 | 208.0 | 218.7 |
| -75° | 78.2 | 88.8 | 100.1 | 111.2 | 122.0 | 132.4 | 142.5 | 151.7 | 160.6 | 169.1 | 177.2 |
| -77.5° | 57.3 | 66.1 | 74.7 | 83.2 | 91.5 | 100.2 | 108.6 | 116.6 | 124.4 | 131.8 | 138.8 |
| -80° | 38.5 | 43.4 | 50.2 | 56.9 | 63.4 | 69.7 | 75.8 | 81.7 | 87.3 | 92.9 | 98.6 |
| -82.5° | 23.9 | 27.5 | 31.1 | 34.6 | 38.0 | 41.2 | 44.7 | 49.1 | 53.3 | 57.3 | 61.1 |
| -85° | 10.8 | 11.7 | 14.0 | 16.4 | 18.6 | 20.8 | 22.9 | 24.9 | 26.8 | 28.6 | 30.4 |
| -87.5° | 5.4 | 5.8 | 6.3 | 6.7 | 7.1 | 7.5 | 7.9 | 8.3 | 8.6 | 9.0 | 9.3 |
| -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: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-U-LAM-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° | 9.6 | 9.9 | 10.1 | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.3 | 11.4 | 11.5 |
| 85° | 32.0 | 33.6 | 35.0 | 36.4 | 37.6 | 38.7 | 39.7 | 40.6 | 41.4 | 42.1 | 42.6 |
| 82.5° | 64.7 | 68.1 | 71.3 | 74.2 | 76.9 | 79.3 | 81.6 | 83.5 | 85.2 | 86.7 | 87.9 |
| 80° | 103.9 | 108.8 | 113.5 | 117.8 | 121.8 | 125.4 | 128.7 | 131.5 | 134.1 | 136.2 | 138.0 |
| 77.5° | 145.2 | 151.2 | 156.8 | 162.0 | 166.7 | 171.1 | 175.0 | 178.4 | 181.5 | 184.0 | 186.1 |
| 75° | 184.8 | 192.3 | 199.9 | 207.0 | 213.5 | 219.4 | 224.8 | 229.5 | 233.6 | 237.2 | 240.0 |
| 72.5° | 228.8 | 238.4 | 248.0 | 258.9 | 268.9 | 278.1 | 286.3 | 293.6 | 300.0 | 305.5 | 309.9 |
| 70° | 282.1 | 296.5 | 310.0 | 323.8 | 338.4 | 351.7 | 363.7 | 374.4 | 383.7 | 391.7 | 398.2 |
| 67.5° | 346.2 | 366.8 | 386.1 | 404.0 | 422.7 | 440.9 | 457.2 | 471.8 | 484.5 | 495.3 | 504.1 |
| 65° | 421.0 | 448.6 | 474.6 | 498.7 | 521.2 | 547.5 | 571.3 | 592.4 | 610.9 | 626.6 | 639.5 |
| 62.5° | 507.9 | 543.9 | 581.1 | 615.7 | 647.7 | 679.3 | 710.0 | 737.3 | 761.1 | 781.4 | 798.2 |
| 60° | 615.7 | 659.3 | 706.2 | 750.5 | 791.4 | 828.9 | 863.9 | 895.0 | 922.3 | 945.5 | 964.6 |
| 57.5° | 736.2 | 791.4 | 843.8 | 893.9 | 940.1 | 982.6 | 1020.0 | 1052.7 | 1081.4 | 1105.8 | 1125.9 |
| 55° | 863.9 | 925.8 | 984.1 | 1036.8 | 1085.1 | 1129.3 | 1168.6 | 1200.3 | 1228.1 | 1251.8 | 1271.3 |
| 52.5° | 992.8 | 1057.0 | 1117.4 | 1172.5 | 1218.9 | 1261.5 | 1300.2 | 1332.1 | 1359.4 | 1382.8 | 1402.1 |
| 50° | 1114.5 | 1181.0 | 1238.6 | 1292.6 | 1339.3 | 1381.1 | 1419.0 | 1451.4 | 1478.3 | 1501.3 | 1520.3 |
| 47.5° | 1225.6 | 1291.1 | 1348.6 | 1401.2 | 1448.8 | 1489.6 | 1526.7 | 1559.5 | 1586.4 | 1609.4 | 1628.5 |
| 45° | 1327.1 | 1390.4 | 1449.1 | 1500.1 | 1547.7 | 1588.7 | 1625.6 | 1658.7 | 1684.5 | 1706.2 | 1724.2 |
| 42.5° | 1418.7 | 1481.5 | 1539.4 | 1591.0 | 1638.0 | 1679.1 | 1713.6 | 1744.6 | 1769.9 | 1790.1 | 1806.9 |
| 40° | 1501.1 | 1565.2 | 1622.1 | 1674.2 | 1717.9 | 1758.2 | 1790.2 | 1819.1 | 1843.7 | 1863.0 | 1879.0 |
| 37.5° | 1577.6 | 1641.1 | 1696.5 | 1746.3 | 1788.0 | 1825.5 | 1857.2 | 1884.5 | 1908.7 | 1926.6 | 1941.5 |
| 35° | 1647.4 | 1707.8 | 1762.6 | 1808.3 | 1849.7 | 1885.0 | 1916.1 | 1941.4 | 1963.8 | 1980.8 | 1994.4 |
| 32.5° | 1707.8 | 1767.6 | 1818.6 | 1863.5 | 1903.9 | 1936.8 | 1966.7 | 1989.8 | 2010.2 | 2026.6 | 2039.2 |
| 30° | 1762.6 | 1818.6 | 1868.2 | 1912.7 | 1949.5 | 1981.6 | 2008.4 | 2031.0 | 2049.8 | 2065.4 | 2076.6 |
| 27.5° | 1808.3 | 1863.5 | 1912.7 | 1953.8 | 1988.9 | 2019.8 | 2044.4 | 2066.1 | 2082.6 | 2097.0 | 2106.6 |
| 25° | 1849.7 | 1903.9 | 1949.5 | 1988.9 | 2023.1 | 2051.2 | 2074.7 | 2094.5 | 2109.0 | 2121.3 | 2128.4 |
| 22.5° | 1885.0 | 1936.8 | 1981.6 | 2019.8 | 2051.2 | 2077.6 | 2099.8 | 2116.4 | 2128.3 | 2135.8 | 2140.0 |
| 20° | 1916.1 | 1966.7 | 2008.4 | 2044.4 | 2074.7 | 2099.8 | 2118.9 | 2131.2 | 2139.6 | 2141.6 | 2142.8 |
| 17.5° | 1941.4 | 1989.8 | 2031.0 | 2066.1 | 2094.5 | 2116.4 | 2131.2 | 2140.0 | 2142.4 | 2142.0 | 2140.8 |
| 15° | 1963.8 | 2010.2 | 2049.8 | 2082.6 | 2109.0 | 2128.3 | 2139.6 | 2142.4 | 2141.7 | 2139.2 | 2135.3 |
| 12.5° | 1980.8 | 2026.6 | 2065.4 | 2097.0 | 2121.3 | 2135.8 | 2141.6 | 2142.0 | 2139.2 | 2134.4 | 2128.9 |
| 10° | 1994.4 | 2039.2 | 2076.6 | 2106.6 | 2128.4 | 2140.0 | 2142.8 | 2140.8 | 2135.3 | 2128.9 | 2122.8 |
| 7.5° | 2005.2 | 2049.2 | 2085.4 | 2114.1 | 2133.1 | 2141.3 | 2141.9 | 2138.0 | 2131.5 | 2124.2 | 2117.6 |
| 5° | 2012.9 | 2056.4 | 2091.9 | 2119.7 | 2136.5 | 2142.2 | 2141.2 | 2135.9 | 2128.4 | 2120.7 | 2114.7 |
| 2.5° | 2017.6 | 2060.8 | 2095.8 | 2123.1 | 2138.6 | 2142.8 | 2140.8 | 2134.6 | 2126.4 | 2118.5 | 2112.8 |
| 0° | 2019.2 | 2062.3 | 2097.1 | 2124.2 | 2139.3 | 2143.0 | 2140.7 | 2134.1 | 2125.7 | 2117.7 | 2112.1 |
| -2.5° | 2017.6 | 2060.8 | 2095.8 | 2123.1 | 2138.6 | 2142.8 | 2140.8 | 2134.6 | 2126.4 | 2118.5 | 2112.8 |
| -5° | 2012.9 | 2056.4 | 2091.9 | 2119.7 | 2136.5 | 2142.2 | 2141.2 | 2135.9 | 2128.4 | 2120.7 | 2114.7 |
| -7.5° | 2005.2 | 2049.2 | 2085.4 | 2114.1 | 2133.1 | 2141.3 | 2141.9 | 2138.0 | 2131.5 | 2124.2 | 2117.6 |
| -10° | 1994.4 | 2039.2 | 2076.6 | 2106.6 | 2128.4 | 2140.0 | 2142.8 | 2140.8 | 2135.3 | 2128.9 | 2122.8 |
| -12.5° | 1980.8 | 2026.6 | 2065.4 | 2097.0 | 2121.3 | 2135.8 | 2141.6 | 2142.0 | 2139.2 | 2134.4 | 2128.9 |
| -15° | 1963.8 | 2010.2 | 2049.8 | 2082.6 | 2109.0 | 2128.3 | 2139.6 | 2142.4 | 2141.7 | 2139.2 | 2135.3 |
| -17.5° | 1941.4 | 1989.8 | 2031.0 | 2066.1 | 2094.5 | 2116.4 | 2131.2 | 2140.0 | 2142.4 | 2142.0 | 2140.8 |
| -20° | 1916.1 | 1966.7 | 2008.4 | 2044.4 | 2074.7 | 2099.8 | 2118.9 | 2131.2 | 2139.6 | 2141.6 | 2142.8 |



REPORT NUMBER: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1885.0 | 1936.8 | 1981.6 | 2019.8 | 2051.2 | 2077.6 | 2099.8 | 2116.4 | 2128.3 | 2135.8 | 2140.0 |
| -25° | 1849.7 | 1903.9 | 1949.5 | 1988.9 | 2023.1 | 2051.2 | 2074.7 | 2094.5 | 2109.0 | 2121.3 | 2128.4 |
| -27.5° | 1808.3 | 1863.5 | 1912.7 | 1953.8 | 1988.9 | 2019.8 | 2044.4 | 2066.1 | 2082.6 | 2097.0 | 2106.6 |
| -30° | 1762.6 | 1818.6 | 1868.2 | 1912.7 | 1949.5 | 1981.6 | 2008.4 | 2031.0 | 2049.8 | 2065.4 | 2076.6 |
| -32.5° | 1707.8 | 1767.6 | 1818.6 | 1863.5 | 1903.9 | 1936.8 | 1966.7 | 1989.8 | 2010.2 | 2026.6 | 2039.2 |
| -35° | 1647.4 | 1707.8 | 1762.6 | 1808.3 | 1849.7 | 1885.0 | 1916.1 | 1941.4 | 1963.8 | 1980.8 | 1994.4 |
| -37.5° | 1577.6 | 1641.1 | 1696.5 | 1746.3 | 1788.0 | 1825.5 | 1857.2 | 1884.5 | 1908.7 | 1926.6 | 1941.5 |
| -40° | 1501.1 | 1565.2 | 1622.1 | 1674.2 | 1717.9 | 1758.2 | 1790.2 | 1819.1 | 1843.7 | 1863.0 | 1879.0 |
| -42.5° | 1418.7 | 1481.5 | 1539.4 | 1591.0 | 1638.0 | 1679.1 | 1713.6 | 1744.6 | 1769.9 | 1790.1 | 1806.9 |
| -45° | 1327.1 | 1390.4 | 1449.1 | 1500.1 | 1547.7 | 1588.7 | 1625.6 | 1658.7 | 1684.5 | 1706.2 | 1724.2 |
| -47.5° | 1225.6 | 1291.1 | 1348.6 | 1401.2 | 1448.8 | 1489.6 | 1526.7 | 1559.5 | 1586.4 | 1609.4 | 1628.5 |
| -50° | 1114.5 | 1181.0 | 1238.6 | 1292.6 | 1339.3 | 1381.1 | 1419.0 | 1451.4 | 1478.3 | 1501.3 | 1520.3 |
| -52.5° | 992.8 | 1057.0 | 1117.4 | 1172.5 | 1218.9 | 1261.5 | 1300.2 | 1332.1 | 1359.4 | 1382.8 | 1402.1 |
| -55° | 863.9 | 925.8 | 984.1 | 1036.8 | 1085.1 | 1129.3 | 1168.6 | 1200.3 | 1228.1 | 1251.8 | 1271.3 |
| -57.5° | 736.2 | 791.4 | 843.8 | 893.9 | 940.1 | 982.6 | 1020.0 | 1052.7 | 1081.4 | 1105.8 | 1125.9 |
| -60° | 615.7 | 659.3 | 706.2 | 750.5 | 791.4 | 828.9 | 863.9 | 895.0 | 922.3 | 945.5 | 964.6 |
| -62.5° | 507.9 | 543.9 | 581.1 | 615.7 | 647.7 | 679.3 | 710.0 | 737.3 | 761.1 | 781.4 | 798.2 |
| -65° | 421.0 | 448.6 | 474.6 | 498.7 | 521.2 | 547.5 | 571.3 | 592.4 | 610.9 | 626.6 | 639.5 |
| -67.5° | 346.2 | 366.8 | 386.1 | 404.0 | 422.7 | 440.9 | 457.2 | 471.8 | 484.5 | 495.3 | 504.1 |
| -70° | 282.1 | 296.5 | 310.0 | 323.8 | 338.4 | 351.7 | 363.7 | 374.4 | 383.7 | 391.7 | 398.2 |
| -72.5° | 228.8 | 238.4 | 248.0 | 258.9 | 268.9 | 278.1 | 286.3 | 293.6 | 300.0 | 305.5 | 309.9 |
| -75° | 184.8 | 192.3 | 199.9 | 207.0 | 213.5 | 219.4 | 224.8 | 229.5 | 233.6 | 237.2 | 240.0 |
| -77.5° | 145.2 | 151.2 | 156.8 | 162.0 | 166.7 | 171.1 | 175.0 | 178.4 | 181.5 | 184.0 | 186.1 |
| -80° | 103.9 | 108.8 | 113.5 | 117.8 | 121.8 | 125.4 | 128.7 | 131.5 | 134.1 | 136.2 | 138.0 |
| -82.5° | 64.7 | 68.1 | 71.3 | 74.2 | 76.9 | 79.3 | 81.6 | 83.5 | 85.2 | 86.7 | 87.9 |
| -85° | 32.0 | 33.6 | 35.0 | 36.4 | 37.6 | 38.7 | 39.7 | 40.6 | 41.4 | 42.1 | 42.6 |
| -87.5° | 9.6 | 9.9 | 10.1 | 10.4 | 10.6 | 10.8 | 11.0 | 11.2 | 11.3 | 11.4 | 11.5 |
| -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: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-U-LAM-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° | 11.6 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 |
| 85° | 43.1 | 43.4 | 43.5 | 43.6 | 43.5 | 43.4 | 43.1 | 42.6 | 42.1 | 41.4 | 40.6 |
| 82.5° | 88.8 | 89.5 | 89.9 | 90.0 | 89.9 | 89.5 | 88.8 | 87.9 | 86.7 | 85.2 | 83.5 |
| 80° | 139.3 | 140.3 | 140.9 | 141.1 | 140.9 | 140.3 | 139.3 | 138.0 | 136.2 | 134.1 | 131.5 |
| 77.5° | 187.8 | 189.0 | 189.7 | 189.9 | 189.7 | 189.0 | 187.8 | 186.1 | 184.0 | 181.5 | 178.4 |
| 75° | 242.3 | 243.9 | 244.9 | 245.2 | 244.9 | 243.9 | 242.3 | 240.0 | 237.2 | 233.6 | 229.5 |
| 72.5° | 313.4 | 315.9 | 317.4 | 317.9 | 317.4 | 315.9 | 313.4 | 309.9 | 305.5 | 300.0 | 293.6 |
| 70° | 403.2 | 406.9 | 409.1 | 409.8 | 409.1 | 406.9 | 403.2 | 398.2 | 391.7 | 383.7 | 374.4 |
| 67.5° | 511.1 | 516.0 | 519.0 | 520.0 | 519.0 | 516.0 | 511.1 | 504.1 | 495.3 | 484.5 | 471.8 |
| 65° | 649.6 | 656.8 | 661.1 | 662.6 | 661.1 | 656.8 | 649.6 | 639.5 | 626.6 | 610.9 | 592.4 |
| 62.5° | 811.2 | 820.6 | 826.2 | 828.1 | 826.2 | 820.6 | 811.2 | 798.2 | 781.4 | 761.1 | 737.3 |
| 60° | 979.5 | 990.2 | 996.7 | 998.8 | 996.7 | 990.2 | 979.5 | 964.6 | 945.5 | 922.3 | 895.0 |
| 57.5° | 1141.6 | 1152.9 | 1159.7 | 1162.0 | 1159.7 | 1152.9 | 1141.6 | 1125.9 | 1105.8 | 1081.4 | 1052.7 |
| 55° | 1286.6 | 1297.6 | 1304.2 | 1306.4 | 1304.2 | 1297.6 | 1286.6 | 1271.3 | 1251.8 | 1228.1 | 1200.3 |
| 52.5° | 1417.2 | 1428.1 | 1434.6 | 1436.8 | 1434.6 | 1428.1 | 1417.2 | 1402.1 | 1382.8 | 1359.4 | 1332.1 |
| 50° | 1535.2 | 1545.9 | 1552.3 | 1554.5 | 1552.3 | 1545.9 | 1535.2 | 1520.3 | 1501.3 | 1478.3 | 1451.4 |
| 47.5° | 1643.4 | 1654.2 | 1660.6 | 1662.8 | 1660.6 | 1654.2 | 1643.4 | 1628.5 | 1609.4 | 1586.4 | 1559.5 |
| 45° | 1738.3 | 1748.4 | 1754.6 | 1756.6 | 1754.6 | 1748.4 | 1738.3 | 1724.2 | 1706.2 | 1684.5 | 1658.7 |
| 42.5° | 1820.1 | 1829.6 | 1835.4 | 1837.3 | 1835.4 | 1829.6 | 1820.1 | 1806.9 | 1790.1 | 1769.9 | 1744.6 |
| 40° | 1891.7 | 1900.8 | 1906.3 | 1908.1 | 1906.3 | 1900.8 | 1891.7 | 1879.0 | 1863.0 | 1843.7 | 1819.1 |
| 37.5° | 1953.3 | 1961.7 | 1966.9 | 1968.6 | 1966.9 | 1961.7 | 1953.3 | 1941.5 | 1926.6 | 1908.7 | 1884.5 |
| 35° | 2005.2 | 2012.9 | 2017.6 | 2019.2 | 2017.6 | 2012.9 | 2005.2 | 1994.4 | 1980.8 | 1963.8 | 1941.4 |
| 32.5° | 2049.2 | 2056.4 | 2060.8 | 2062.3 | 2060.8 | 2056.4 | 2049.2 | 2039.2 | 2026.6 | 2010.2 | 1989.8 |
| 30° | 2085.4 | 2091.9 | 2095.8 | 2097.1 | 2095.8 | 2091.9 | 2085.4 | 2076.6 | 2065.4 | 2049.8 | 2031.0 |
| 27.5° | 2114.1 | 2119.7 | 2123.1 | 2124.2 | 2123.1 | 2119.7 | 2114.1 | 2106.6 | 2097.0 | 2082.6 | 2066.1 |
| 25° | 2133.1 | 2136.5 | 2138.6 | 2139.3 | 2138.6 | 2136.5 | 2133.1 | 2128.4 | 2121.3 | 2109.0 | 2094.5 |
| 22.5° | 2141.3 | 2142.2 | 2142.8 | 2143.0 | 2142.8 | 2142.2 | 2141.3 | 2140.0 | 2135.8 | 2128.3 | 2116.4 |
| 20° | 2141.9 | 2141.2 | 2140.8 | 2140.7 | 2140.8 | 2141.2 | 2141.9 | 2142.8 | 2141.6 | 2139.6 | 2131.2 |
| 17.5° | 2138.0 | 2135.9 | 2134.6 | 2134.1 | 2134.6 | 2135.9 | 2138.0 | 2140.8 | 2142.0 | 2142.4 | 2140.0 |
| 15° | 2131.5 | 2128.4 | 2126.4 | 2125.7 | 2126.4 | 2128.4 | 2131.5 | 2135.3 | 2139.2 | 2141.7 | 2142.4 |
| 12.5° | 2124.2 | 2120.7 | 2118.5 | 2117.7 | 2118.5 | 2120.7 | 2124.2 | 2128.9 | 2134.4 | 2139.2 | 2142.0 |
| 10° | 2117.6 | 2114.7 | 2112.8 | 2112.1 | 2112.8 | 2114.7 | 2117.6 | 2122.8 | 2128.9 | 2135.3 | 2140.8 |
| 7.5° | 2113.4 | 2110.8 | 2109.3 | 2108.8 | 2109.3 | 2110.8 | 2113.4 | 2117.6 | 2124.2 | 2131.5 | 2138.0 |
| 5° | 2110.8 | 2108.1 | 2105.9 | 2105.0 | 2105.9 | 2108.1 | 2110.8 | 2114.7 | 2120.7 | 2128.4 | 2135.9 |
| 2.5° | 2109.3 | 2105.9 | 2102.5 | 2100.8 | 2102.5 | 2105.9 | 2109.3 | 2112.8 | 2118.5 | 2126.4 | 2134.6 |
| 0° | 2108.8 | 2105.0 | 2100.8 | 2101.3 | 2100.8 | 2105.0 | 2108.8 | 2112.1 | 2117.7 | 2125.7 | 2134.1 |
| -2.5° | 2109.3 | 2105.9 | 2102.5 | 2100.8 | 2102.5 | 2105.9 | 2109.3 | 2112.8 | 2118.5 | 2126.4 | 2134.6 |
| -5° | 2110.8 | 2108.1 | 2105.9 | 2105.0 | 2105.9 | 2108.1 | 2110.8 | 2114.7 | 2120.7 | 2128.4 | 2135.9 |
| -7.5° | 2113.4 | 2110.8 | 2109.3 | 2108.8 | 2109.3 | 2110.8 | 2113.4 | 2117.6 | 2124.2 | 2131.5 | 2138.0 |
| -10° | 2117.6 | 2114.7 | 2112.8 | 2112.1 | 2112.8 | 2114.7 | 2117.6 | 2122.8 | 2128.9 | 2135.3 | 2140.8 |
| -12.5° | 2124.2 | 2120.7 | 2118.5 | 2117.7 | 2118.5 | 2120.7 | 2124.2 | 2128.9 | 2134.4 | 2139.2 | 2142.0 |
| -15° | 2131.5 | 2128.4 | 2126.4 | 2125.7 | 2126.4 | 2128.4 | 2131.5 | 2135.3 | 2139.2 | 2141.7 | 2142.4 |
| -17.5° | 2138.0 | 2135.9 | 2134.6 | 2134.1 | 2134.6 | 2135.9 | 2138.0 | 2140.8 | 2142.0 | 2142.4 | 2140.0 |
| -20° | 2141.9 | 2141.2 | 2140.8 | 2140.7 | 2140.8 | 2141.2 | 2141.9 | 2142.8 | 2141.6 | 2139.6 | 2131.2 |



REPORT NUMBER: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2141.3 | 2142.2 | 2142.8 | 2143.0 | 2142.8 | 2142.2 | 2141.3 | 2140.0 | 2135.8 | 2128.3 | 2116.4 |
| -25° | 2133.1 | 2136.5 | 2138.6 | 2139.3 | 2138.6 | 2136.5 | 2133.1 | 2128.4 | 2121.3 | 2109.0 | 2094.5 |
| -27.5° | 2114.1 | 2119.7 | 2123.1 | 2124.2 | 2123.1 | 2119.7 | 2114.1 | 2106.6 | 2097.0 | 2082.6 | 2066.1 |
| -30° | 2085.4 | 2091.9 | 2095.8 | 2097.1 | 2095.8 | 2091.9 | 2085.4 | 2076.6 | 2065.4 | 2049.8 | 2031.0 |
| -32.5° | 2049.2 | 2056.4 | 2060.8 | 2062.3 | 2060.8 | 2056.4 | 2049.2 | 2039.2 | 2026.6 | 2010.2 | 1989.8 |
| -35° | 2005.2 | 2012.9 | 2017.6 | 2019.2 | 2017.6 | 2012.9 | 2005.2 | 1994.4 | 1980.8 | 1963.8 | 1941.4 |
| -37.5° | 1953.3 | 1961.7 | 1966.9 | 1968.6 | 1966.9 | 1961.7 | 1953.3 | 1941.5 | 1926.6 | 1908.7 | 1884.5 |
| -40° | 1891.7 | 1900.8 | 1906.3 | 1908.1 | 1906.3 | 1900.8 | 1891.7 | 1879.0 | 1863.0 | 1843.7 | 1819.1 |
| -42.5° | 1820.1 | 1829.6 | 1835.4 | 1837.3 | 1835.4 | 1829.6 | 1820.1 | 1806.9 | 1790.1 | 1769.9 | 1744.6 |
| -45° | 1738.3 | 1748.4 | 1754.6 | 1756.6 | 1754.6 | 1748.4 | 1738.3 | 1724.2 | 1706.2 | 1684.5 | 1658.7 |
| -47.5° | 1643.4 | 1654.2 | 1660.6 | 1662.8 | 1660.6 | 1654.2 | 1643.4 | 1628.5 | 1609.4 | 1586.4 | 1559.5 |
| -50° | 1535.2 | 1545.9 | 1552.3 | 1554.5 | 1552.3 | 1545.9 | 1535.2 | 1520.3 | 1501.3 | 1478.3 | 1451.4 |
| -52.5° | 1417.2 | 1428.1 | 1434.6 | 1436.8 | 1434.6 | 1428.1 | 1417.2 | 1402.1 | 1382.8 | 1359.4 | 1332.1 |
| -55° | 1286.6 | 1297.6 | 1304.2 | 1306.4 | 1304.2 | 1297.6 | 1286.6 | 1271.3 | 1251.8 | 1228.1 | 1200.3 |
| -57.5° | 1141.6 | 1152.9 | 1159.7 | 1162.0 | 1159.7 | 1152.9 | 1141.6 | 1125.9 | 1105.8 | 1081.4 | 1052.7 |
| -60° | 979.5 | 990.2 | 996.7 | 998.8 | 996.7 | 990.2 | 979.5 | 964.6 | 945.5 | 922.3 | 895.0 |
| -62.5° | 811.2 | 820.6 | 826.2 | 828.1 | 826.2 | 820.6 | 811.2 | 798.2 | 781.4 | 761.1 | 737.3 |
| -65° | 649.6 | 656.8 | 661.1 | 662.6 | 661.1 | 656.8 | 649.6 | 639.5 | 626.6 | 610.9 | 592.4 |
| -67.5° | 511.1 | 516.0 | 519.0 | 520.0 | 519.0 | 516.0 | 511.1 | 504.1 | 495.3 | 484.5 | 471.8 |
| -70° | 403.2 | 406.9 | 409.1 | 409.8 | 409.1 | 406.9 | 403.2 | 398.2 | 391.7 | 383.7 | 374.4 |
| -72.5° | 313.4 | 315.9 | 317.4 | 317.9 | 317.4 | 315.9 | 313.4 | 309.9 | 305.5 | 300.0 | 293.6 |
| -75° | 242.3 | 243.9 | 244.9 | 245.2 | 244.9 | 243.9 | 242.3 | 240.0 | 237.2 | 233.6 | 229.5 |
| -77.5° | 187.8 | 189.0 | 189.7 | 189.9 | 189.7 | 189.0 | 187.8 | 186.1 | 184.0 | 181.5 | 178.4 |
| -80° | 139.3 | 140.3 | 140.9 | 141.1 | 140.9 | 140.3 | 139.3 | 138.0 | 136.2 | 134.1 | 131.5 |
| -82.5° | 88.8 | 89.5 | 89.9 | 90.0 | 89.9 | 89.5 | 88.8 | 87.9 | 86.7 | 85.2 | 83.5 |
| -85° | 43.1 | 43.4 | 43.5 | 43.6 | 43.5 | 43.4 | 43.1 | 42.6 | 42.1 | 41.4 | 40.6 |
| -87.5° | 11.6 | 11.7 | 11.7 | 11.7 | 11.7 | 11.7 | 11.6 | 11.5 | 11.4 | 11.3 | 11.2 |
| -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: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-U-LAM-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° | 11.0 | 10.8 | 10.6 | 10.4 | 10.1 | 9.9 | 9.6 | 9.3 | 9.0 | 8.6 | 8.3 |
| 85° | 39.7 | 38.7 | 37.6 | 36.4 | 35.0 | 33.6 | 32.0 | 30.4 | 28.6 | 26.8 | 24.9 |
| 82.5° | 81.6 | 79.3 | 76.9 | 74.2 | 71.3 | 68.1 | 64.7 | 61.1 | 57.3 | 53.3 | 49.1 |
| 80° | 128.7 | 125.4 | 121.8 | 117.8 | 113.5 | 108.8 | 103.9 | 98.6 | 92.9 | 87.3 | 81.7 |
| 77.5° | 175.0 | 171.1 | 166.7 | 162.0 | 156.8 | 151.2 | 145.2 | 138.8 | 131.8 | 124.4 | 116.6 |
| 75° | 224.8 | 219.4 | 213.5 | 207.0 | 199.9 | 192.3 | 184.8 | 177.2 | 169.1 | 160.6 | 151.7 |
| 72.5° | 286.3 | 278.1 | 268.9 | 258.9 | 248.0 | 238.4 | 228.8 | 218.7 | 208.0 | 196.7 | 185.5 |
| 70° | 363.7 | 351.7 | 338.4 | 323.8 | 310.0 | 296.5 | 282.1 | 266.8 | 250.7 | 236.5 | 223.0 |
| 67.5° | 457.2 | 440.9 | 422.7 | 404.0 | 386.1 | 366.8 | 346.2 | 324.3 | 304.7 | 285.6 | 265.6 |
| 65° | 571.3 | 547.5 | 521.2 | 498.7 | 474.6 | 448.6 | 421.0 | 394.7 | 369.0 | 342.0 | 314.6 |
| 62.5° | 710.0 | 679.3 | 647.7 | 615.7 | 581.1 | 543.9 | 507.9 | 475.5 | 441.3 | 406.3 | 375.1 |
| 60° | 863.9 | 828.9 | 791.4 | 750.5 | 706.2 | 659.3 | 615.7 | 569.7 | 521.2 | 481.7 | 440.9 |
| 57.5° | 1020.0 | 982.6 | 940.1 | 893.9 | 843.8 | 791.4 | 736.2 | 677.9 | 623.0 | 567.7 | 512.5 |
| 55° | 1168.6 | 1129.3 | 1085.1 | 1036.8 | 984.1 | 925.8 | 863.9 | 799.5 | 733.1 | 663.7 | 601.4 |
| 52.5° | 1300.2 | 1261.5 | 1218.9 | 1172.5 | 1117.4 | 1057.0 | 992.8 | 922.3 | 848.4 | 773.0 | 695.5 |
| 50° | 1419.0 | 1381.1 | 1339.3 | 1292.6 | 1238.6 | 1181.0 | 1114.5 | 1042.0 | 964.6 | 881.9 | 797.3 |
| 47.5° | 1526.7 | 1489.6 | 1448.8 | 1401.2 | 1348.6 | 1291.1 | 1225.6 | 1156.2 | 1075.0 | 990.2 | 898.9 |
| 45° | 1625.6 | 1588.7 | 1547.7 | 1500.1 | 1449.1 | 1390.4 | 1327.1 | 1255.8 | 1179.2 | 1091.6 | 998.8 |
| 42.5° | 1713.6 | 1679.1 | 1638.0 | 1591.0 | 1539.4 | 1481.5 | 1418.7 | 1348.0 | 1271.0 | 1186.7 | 1091.6 |
| 40° | 1790.2 | 1758.2 | 1717.9 | 1674.2 | 1622.1 | 1565.2 | 1501.1 | 1433.0 | 1355.0 | 1271.0 | 1179.2 |
| 37.5° | 1857.2 | 1825.5 | 1788.0 | 1746.3 | 1696.5 | 1641.1 | 1577.6 | 1507.7 | 1433.0 | 1348.0 | 1255.8 |
| 35° | 1916.1 | 1885.0 | 1849.7 | 1808.3 | 1762.6 | 1707.8 | 1647.4 | 1577.6 | 1501.1 | 1418.7 | 1327.1 |
| 32.5° | 1966.7 | 1936.8 | 1903.9 | 1863.5 | 1818.6 | 1767.6 | 1707.8 | 1641.1 | 1565.2 | 1481.5 | 1390.4 |
| 30° | 2008.4 | 1981.6 | 1949.5 | 1912.7 | 1868.2 | 1818.6 | 1762.6 | 1696.5 | 1622.1 | 1539.4 | 1449.1 |
| 27.5° | 2044.4 | 2019.8 | 1988.9 | 1953.8 | 1912.7 | 1863.5 | 1808.3 | 1746.3 | 1674.2 | 1591.0 | 1500.1 |
| 25° | 2074.7 | 2051.2 | 2023.1 | 1988.9 | 1949.5 | 1903.9 | 1849.7 | 1788.0 | 1717.9 | 1638.0 | 1547.7 |
| 22.5° | 2099.8 | 2077.6 | 2051.2 | 2019.8 | 1981.6 | 1936.8 | 1885.0 | 1825.5 | 1758.2 | 1679.1 | 1588.7 |
| 20° | 2118.9 | 2099.8 | 2074.7 | 2044.4 | 2008.4 | 1966.7 | 1916.1 | 1857.2 | 1790.2 | 1713.6 | 1625.6 |
| 17.5° | 2131.2 | 2116.4 | 2094.5 | 2066.1 | 2031.0 | 1989.8 | 1941.4 | 1884.5 | 1819.1 | 1744.6 | 1658.7 |
| 15° | 2139.6 | 2128.3 | 2109.0 | 2082.6 | 2049.8 | 2010.2 | 1963.8 | 1908.7 | 1843.7 | 1769.9 | 1684.5 |
| 12.5° | 2141.6 | 2135.8 | 2121.3 | 2097.0 | 2065.4 | 2026.6 | 1980.8 | 1926.6 | 1863.0 | 1790.1 | 1706.2 |
| 10° | 2142.8 | 2140.0 | 2128.4 | 2106.6 | 2076.6 | 2039.2 | 1994.4 | 1941.5 | 1879.0 | 1806.9 | 1724.2 |
| 7.5° | 2141.9 | 2141.3 | 2133.1 | 2114.1 | 2085.4 | 2049.2 | 2005.2 | 1953.3 | 1891.7 | 1820.1 | 1738.3 |
| 5° | 2141.2 | 2142.2 | 2136.5 | 2119.7 | 2091.9 | 2056.4 | 2012.9 | 1961.7 | 1900.8 | 1829.6 | 1748.4 |
| 2.5° | 2140.8 | 2142.8 | 2138.6 | 2123.1 | 2095.8 | 2060.8 | 2017.6 | 1966.9 | 1906.3 | 1835.4 | 1754.6 |
| 0° | 2140.7 | 2143.0 | 2139.3 | 2124.2 | 2097.1 | 2062.3 | 2019.2 | 1968.6 | 1908.1 | 1837.3 | 1756.6 |
| -2.5° | 2140.8 | 2142.8 | 2138.6 | 2123.1 | 2095.8 | 2060.8 | 2017.6 | 1966.9 | 1906.3 | 1835.4 | 1754.6 |
| -5° | 2141.2 | 2142.2 | 2136.5 | 2119.7 | 2091.9 | 2056.4 | 2012.9 | 1961.7 | 1900.8 | 1829.6 | 1748.4 |
| -7.5° | 2141.9 | 2141.3 | 2133.1 | 2114.1 | 2085.4 | 2049.2 | 2005.2 | 1953.3 | 1891.7 | 1820.1 | 1738.3 |
| -10° | 2142.8 | 2140.0 | 2128.4 | 2106.6 | 2076.6 | 2039.2 | 1994.4 | 1941.5 | 1879.0 | 1806.9 | 1724.2 |
| -12.5° | 2141.6 | 2135.8 | 2121.3 | 2097.0 | 2065.4 | 2026.6 | 1980.8 | 1926.6 | 1863.0 | 1790.1 | 1706.2 |
| -15° | 2139.6 | 2128.3 | 2109.0 | 2082.6 | 2049.8 | 2010.2 | 1963.8 | 1908.7 | 1843.7 | 1769.9 | 1684.5 |
| -17.5° | 2131.2 | 2116.4 | 2094.5 | 2066.1 | 2031.0 | 1989.8 | 1941.4 | 1884.5 | 1819.1 | 1744.6 | 1658.7 |
| -20° | 2118.9 | 2099.8 | 2074.7 | 2044.4 | 2008.4 | 1966.7 | 1916.1 | 1857.2 | 1790.2 | 1713.6 | 1625.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2099.8 | 2077.6 | 2051.2 | 2019.8 | 1981.6 | 1936.8 | 1885.0 | 1825.5 | 1758.2 | 1679.1 | 1588.7 |
| -25° | 2074.7 | 2051.2 | 2023.1 | 1988.9 | 1949.5 | 1903.9 | 1849.7 | 1788.0 | 1717.9 | 1638.0 | 1547.7 |
| -27.5° | 2044.4 | 2019.8 | 1988.9 | 1953.8 | 1912.7 | 1863.5 | 1808.3 | 1746.3 | 1674.2 | 1591.0 | 1500.1 |
| -30° | 2008.4 | 1981.6 | 1949.5 | 1912.7 | 1868.2 | 1818.6 | 1762.6 | 1696.5 | 1622.1 | 1539.4 | 1449.1 |
| -32.5° | 1966.7 | 1936.8 | 1903.9 | 1863.5 | 1818.6 | 1767.6 | 1707.8 | 1641.1 | 1565.2 | 1481.5 | 1390.4 |
| -35° | 1916.1 | 1885.0 | 1849.7 | 1808.3 | 1762.6 | 1707.8 | 1647.4 | 1577.6 | 1501.1 | 1418.7 | 1327.1 |
| -37.5° | 1857.2 | 1825.5 | 1788.0 | 1746.3 | 1696.5 | 1641.1 | 1577.6 | 1507.7 | 1433.0 | 1348.0 | 1255.8 |
| -40° | 1790.2 | 1758.2 | 1717.9 | 1674.2 | 1622.1 | 1565.2 | 1501.1 | 1433.0 | 1355.0 | 1271.0 | 1179.2 |
| -42.5° | 1713.6 | 1679.1 | 1638.0 | 1591.0 | 1539.4 | 1481.5 | 1418.7 | 1348.0 | 1271.0 | 1186.7 | 1091.6 |
| -45° | 1625.6 | 1588.7 | 1547.7 | 1500.1 | 1449.1 | 1390.4 | 1327.1 | 1255.8 | 1179.2 | 1091.6 | 998.8 |
| -47.5° | 1526.7 | 1489.6 | 1448.8 | 1401.2 | 1348.6 | 1291.1 | 1225.6 | 1156.2 | 1075.0 | 990.2 | 898.9 |
| -50° | 1419.0 | 1381.1 | 1339.3 | 1292.6 | 1238.6 | 1181.0 | 1114.5 | 1042.0 | 964.6 | 881.9 | 797.3 |
| -52.5° | 1300.2 | 1261.5 | 1218.9 | 1172.5 | 1117.4 | 1057.0 | 992.8 | 922.3 | 848.4 | 773.0 | 695.5 |
| -55° | 1168.6 | 1129.3 | 1085.1 | 1036.8 | 984.1 | 925.8 | 863.9 | 799.5 | 733.1 | 663.7 | 601.4 |
| -57.5° | 1020.0 | 982.6 | 940.1 | 893.9 | 843.8 | 791.4 | 736.2 | 677.9 | 623.0 | 567.7 | 512.5 |
| -60° | 863.9 | 828.9 | 791.4 | 750.5 | 706.2 | 659.3 | 615.7 | 569.7 | 521.2 | 481.7 | 440.9 |
| -62.5° | 710.0 | 679.3 | 647.7 | 615.7 | 581.1 | 543.9 | 507.9 | 475.5 | 441.3 | 406.3 | 375.1 |
| -65° | 571.3 | 547.5 | 521.2 | 498.7 | 474.6 | 448.6 | 421.0 | 394.7 | 369.0 | 342.0 | 314.6 |
| -67.5° | 457.2 | 440.9 | 422.7 | 404.0 | 386.1 | 366.8 | 346.2 | 324.3 | 304.7 | 285.6 | 265.6 |
| -70° | 363.7 | 351.7 | 338.4 | 323.8 | 310.0 | 296.5 | 282.1 | 266.8 | 250.7 | 236.5 | 223.0 |
| -72.5° | 286.3 | 278.1 | 268.9 | 258.9 | 248.0 | 238.4 | 228.8 | 218.7 | 208.0 | 196.7 | 185.5 |
| -75° | 224.8 | 219.4 | 213.5 | 207.0 | 199.9 | 192.3 | 184.8 | 177.2 | 169.1 | 160.6 | 151.7 |
| -77.5° | 175.0 | 171.1 | 166.7 | 162.0 | 156.8 | 151.2 | 145.2 | 138.8 | 131.8 | 124.4 | 116.6 |
| -80° | 128.7 | 125.4 | 121.8 | 117.8 | 113.5 | 108.8 | 103.9 | 98.6 | 92.9 | 87.3 | 81.7 |
| -82.5° | 81.6 | 79.3 | 76.9 | 74.2 | 71.3 | 68.1 | 64.7 | 61.1 | 57.3 | 53.3 | 49.1 |
| -85° | 39.7 | 38.7 | 37.6 | 36.4 | 35.0 | 33.6 | 32.0 | 30.4 | 28.6 | 26.8 | 24.9 |
| -87.5° | 11.0 | 10.8 | 10.6 | 10.4 | 10.1 | 9.9 | 9.6 | 9.3 | 9.0 | 8.6 | 8.3 |
| -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: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1E-727-U-LAM-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° | 7.9 | 7.5 | 7.1 | 6.7 | 6.3 | 5.8 | 5.4 | 4.9 | 4.5 | 4.0 | 3.5 |
| 85° | 22.9 | 20.8 | 18.6 | 16.4 | 14.0 | 11.7 | 10.8 | 9.9 | 8.9 | 8.0 | 7.0 |
| 82.5° | 44.7 | 41.2 | 38.0 | 34.6 | 31.1 | 27.5 | 23.9 | 20.1 | 16.3 | 12.4 | 10.5 |
| 80° | 75.8 | 69.7 | 63.4 | 56.9 | 50.2 | 43.4 | 38.5 | 33.5 | 28.4 | 23.2 | 18.0 |
| 77.5° | 108.6 | 100.2 | 91.5 | 83.2 | 74.7 | 66.1 | 57.3 | 48.2 | 40.4 | 34.0 | 27.4 |
| 75° | 142.5 | 132.4 | 122.0 | 111.2 | 100.1 | 88.8 | 78.2 | 67.4 | 56.3 | 45.1 | 36.8 |
| 72.5° | 174.7 | 163.4 | 151.8 | 139.7 | 126.8 | 113.5 | 99.8 | 86.3 | 73.4 | 60.4 | 47.1 |
| 70° | 208.9 | 194.3 | 180.5 | 166.7 | 152.6 | 138.0 | 122.4 | 106.6 | 90.4 | 75.5 | 60.4 |
| 67.5° | 244.8 | 228.4 | 211.4 | 193.9 | 177.5 | 161.2 | 144.6 | 126.9 | 108.8 | 90.4 | 73.4 |
| 65° | 291.4 | 267.4 | 243.2 | 223.7 | 203.7 | 184.0 | 165.6 | 146.7 | 126.9 | 106.6 | 86.3 |
| 62.5° | 342.8 | 311.1 | 283.7 | 255.6 | 231.2 | 208.7 | 186.2 | 165.6 | 144.6 | 122.4 | 99.8 |
| 60° | 400.3 | 363.7 | 326.0 | 293.6 | 262.2 | 233.6 | 208.7 | 184.0 | 161.2 | 138.0 | 113.5 |
| 57.5° | 466.4 | 418.8 | 376.4 | 334.4 | 297.0 | 262.2 | 231.2 | 203.7 | 177.5 | 152.6 | 126.8 |
| 55° | 537.1 | 481.9 | 429.0 | 380.7 | 334.4 | 293.6 | 255.6 | 223.7 | 193.9 | 166.7 | 139.7 |
| 52.5° | 621.8 | 550.6 | 487.0 | 429.0 | 376.4 | 326.0 | 283.7 | 243.2 | 211.4 | 180.5 | 151.8 |
| 50° | 711.5 | 628.6 | 550.6 | 481.9 | 418.8 | 363.7 | 311.1 | 267.4 | 228.4 | 194.3 | 163.4 |
| 47.5° | 805.4 | 711.5 | 621.8 | 537.1 | 466.4 | 400.3 | 342.8 | 291.4 | 244.8 | 208.9 | 174.7 |
| 45° | 898.9 | 797.3 | 695.5 | 601.4 | 512.5 | 440.9 | 375.1 | 314.6 | 265.6 | 223.0 | 185.5 |
| 42.5° | 990.2 | 881.9 | 773.0 | 663.7 | 567.7 | 481.7 | 406.3 | 342.0 | 285.6 | 236.5 | 196.7 |
| 40° | 1075.0 | 964.6 | 848.4 | 733.1 | 623.0 | 521.2 | 441.3 | 369.0 | 304.7 | 250.7 | 208.0 |
| 37.5° | 1156.2 | 1042.0 | 922.3 | 799.5 | 677.9 | 569.7 | 475.5 | 394.7 | 324.3 | 266.8 | 218.7 |
| 35° | 1225.6 | 1114.5 | 992.8 | 863.9 | 736.2 | 615.7 | 507.9 | 421.0 | 346.2 | 282.1 | 228.8 |
| 32.5° | 1291.1 | 1181.0 | 1057.0 | 925.8 | 791.4 | 659.3 | 543.9 | 448.6 | 366.8 | 296.5 | 238.4 |
| 30° | 1348.6 | 1238.6 | 1117.4 | 984.1 | 843.8 | 706.2 | 581.1 | 474.6 | 386.1 | 310.0 | 248.0 |
| 27.5° | 1401.2 | 1292.6 | 1172.5 | 1036.8 | 893.9 | 750.5 | 615.7 | 498.7 | 404.0 | 323.8 | 258.9 |
| 25° | 1448.8 | 1339.3 | 1218.9 | 1085.1 | 940.1 | 791.4 | 647.7 | 521.2 | 422.7 | 338.4 | 268.9 |
| 22.5° | 1489.6 | 1381.1 | 1261.5 | 1129.3 | 982.6 | 828.9 | 679.3 | 547.5 | 440.9 | 351.7 | 278.1 |
| 20° | 1526.7 | 1419.0 | 1300.2 | 1168.6 | 1020.0 | 863.9 | 710.0 | 571.3 | 457.2 | 363.7 | 286.3 |
| 17.5° | 1559.5 | 1451.4 | 1332.1 | 1200.3 | 1052.7 | 895.0 | 737.3 | 592.4 | 471.8 | 374.4 | 293.6 |
| 15° | 1586.4 | 1478.3 | 1359.4 | 1228.1 | 1081.4 | 922.3 | 761.1 | 610.9 | 484.5 | 383.7 | 300.0 |
| 12.5° | 1609.4 | 1501.3 | 1382.8 | 1251.8 | 1105.8 | 945.5 | 781.4 | 626.6 | 495.3 | 391.7 | 305.5 |
| 10° | 1628.5 | 1520.3 | 1402.1 | 1271.3 | 1125.9 | 964.6 | 798.2 | 639.5 | 504.1 | 398.2 | 309.9 |
| 7.5° | 1643.4 | 1535.2 | 1417.2 | 1286.6 | 1141.6 | 979.5 | 811.2 | 649.6 | 511.1 | 403.2 | 313.4 |
| 5° | 1654.2 | 1545.9 | 1428.1 | 1297.6 | 1152.9 | 990.2 | 820.6 | 656.8 | 516.0 | 406.9 | 315.9 |
| 2.5° | 1660.6 | 1552.3 | 1434.6 | 1304.2 | 1159.7 | 996.7 | 826.2 | 661.1 | 519.0 | 409.1 | 317.4 |
| 0° | 1662.8 | 1554.5 | 1436.8 | 1306.4 | 1162.0 | 998.8 | 828.1 | 662.6 | 520.0 | 409.8 | 317.9 |
| -2.5° | 1660.6 | 1552.3 | 1434.6 | 1304.2 | 1159.7 | 996.7 | 826.2 | 661.1 | 519.0 | 409.1 | 317.4 |
| -5° | 1654.2 | 1545.9 | 1428.1 | 1297.6 | 1152.9 | 990.2 | 820.6 | 656.8 | 516.0 | 406.9 | 315.9 |
| -7.5° | 1643.4 | 1535.2 | 1417.2 | 1286.6 | 1141.6 | 979.5 | 811.2 | 649.6 | 511.1 | 403.2 | 313.4 |
| -10° | 1628.5 | 1520.3 | 1402.1 | 1271.3 | 1125.9 | 964.6 | 798.2 | 639.5 | 504.1 | 398.2 | 309.9 |
| -12.5° | 1609.4 | 1501.3 | 1382.8 | 1251.8 | 1105.8 | 945.5 | 781.4 | 626.6 | 495.3 | 391.7 | 305.5 |
| -15° | 1586.4 | 1478.3 | 1359.4 | 1228.1 | 1081.4 | 922.3 | 761.1 | 610.9 | 484.5 | 383.7 | 300.0 |
| -17.5° | 1559.5 | 1451.4 | 1332.1 | 1200.3 | 1052.7 | 895.0 | 737.3 | 592.4 | 471.8 | 374.4 | 293.6 |
| -20° | 1526.7 | 1419.0 | 1300.2 | 1168.6 | 1020.0 | 863.9 | 710.0 | 571.3 | 457.2 | 363.7 | 286.3 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1489.6 | 1381.1 | 1261.5 | 1129.3 | 982.6 | 828.9 | 679.3 | 547.5 | 440.9 | 351.7 | 278.1 |
| -25° | 1448.8 | 1339.3 | 1218.9 | 1085.1 | 940.1 | 791.4 | 647.7 | 521.2 | 422.7 | 338.4 | 268.9 |
| -27.5° | 1401.2 | 1292.6 | 1172.5 | 1036.8 | 893.9 | 750.5 | 615.7 | 498.7 | 404.0 | 323.8 | 258.9 |
| -30° | 1348.6 | 1238.6 | 1117.4 | 984.1 | 843.8 | 706.2 | 581.1 | 474.6 | 386.1 | 310.0 | 248.0 |
| -32.5° | 1291.1 | 1181.0 | 1057.0 | 925.8 | 791.4 | 659.3 | 543.9 | 448.6 | 366.8 | 296.5 | 238.4 |
| -35° | 1225.6 | 1114.5 | 992.8 | 863.9 | 736.2 | 615.7 | 507.9 | 421.0 | 346.2 | 282.1 | 228.8 |
| -37.5° | 1156.2 | 1042.0 | 922.3 | 799.5 | 677.9 | 569.7 | 475.5 | 394.7 | 324.3 | 266.8 | 218.7 |
| -40° | 1075.0 | 964.6 | 848.4 | 733.1 | 623.0 | 521.2 | 441.3 | 369.0 | 304.7 | 250.7 | 208.0 |
| -42.5° | 990.2 | 881.9 | 773.0 | 663.7 | 567.7 | 481.7 | 406.3 | 342.0 | 285.6 | 236.5 | 196.7 |
| -45° | 898.9 | 797.3 | 695.5 | 601.4 | 512.5 | 440.9 | 375.1 | 314.6 | 265.6 | 223.0 | 185.5 |
| -47.5° | 805.4 | 711.5 | 621.8 | 537.1 | 466.4 | 400.3 | 342.8 | 291.4 | 244.8 | 208.9 | 174.7 |
| -50° | 711.5 | 628.6 | 550.6 | 481.9 | 418.8 | 363.7 | 311.1 | 267.4 | 228.4 | 194.3 | 163.4 |
| -52.5° | 621.8 | 550.6 | 487.0 | 429.0 | 376.4 | 326.0 | 283.7 | 243.2 | 211.4 | 180.5 | 151.8 |
| -55° | 537.1 | 481.9 | 429.0 | 380.7 | 334.4 | 293.6 | 255.6 | 223.7 | 193.9 | 166.7 | 139.7 |
| -57.5° | 466.4 | 418.8 | 376.4 | 334.4 | 297.0 | 262.2 | 231.2 | 203.7 | 177.5 | 152.6 | 126.8 |
| -60° | 400.3 | 363.7 | 326.0 | 293.6 | 262.2 | 233.6 | 208.7 | 184.0 | 161.2 | 138.0 | 113.5 |
| -62.5° | 342.8 | 311.1 | 283.7 | 255.6 | 231.2 | 208.7 | 186.2 | 165.6 | 144.6 | 122.4 | 99.8 |
| -65° | 291.4 | 267.4 | 243.2 | 223.7 | 203.7 | 184.0 | 165.6 | 146.7 | 126.9 | 106.6 | 86.3 |
| -67.5° | 244.8 | 228.4 | 211.4 | 193.9 | 177.5 | 161.2 | 144.6 | 126.9 | 108.8 | 90.4 | 73.4 |
| -70° | 208.9 | 194.3 | 180.5 | 166.7 | 152.6 | 138.0 | 122.4 | 106.6 | 90.4 | 75.5 | 60.4 |
| -72.5° | 174.7 | 163.4 | 151.8 | 139.7 | 126.8 | 113.5 | 99.8 | 86.3 | 73.4 | 60.4 | 47.1 |
| -75° | 142.5 | 132.4 | 122.0 | 111.2 | 100.1 | 88.8 | 78.2 | 67.4 | 56.3 | 45.1 | 36.8 |
| -77.5° | 108.6 | 100.2 | 91.5 | 83.2 | 74.7 | 66.1 | 57.3 | 48.2 | 40.4 | 34.0 | 27.4 |
| -80° | 75.8 | 69.7 | 63.4 | 56.9 | 50.2 | 43.4 | 38.5 | 33.5 | 28.4 | 23.2 | 18.0 |
| -82.5° | 44.7 | 41.2 | 38.0 | 34.6 | 31.1 | 27.5 | 23.9 | 20.1 | 16.3 | 12.4 | 10.5 |
| -85° | 22.9 | 20.8 | 18.6 | 16.4 | 14.0 | 11.7 | 10.8 | 9.9 | 8.9 | 8.0 | 7.0 |
| -87.5° | 7.9 | 7.5 | 7.1 | 6.7 | 6.3 | 5.8 | 5.4 | 4.9 | 4.5 | 4.0 | 3.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-727-U-LAM-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° | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 0.5 | 0.0 |
| 85° | 6.0 | 5.1 | 4.1 | 3.1 | 2.0 | 1.0 | 0.0 |
| 82.5° | 9.1 | 7.6 | 6.1 | 4.6 | 3.1 | 1.5 | 0.0 |
| 80° | 12.7 | 10.1 | 8.1 | 6.1 | 4.1 | 2.0 | 0.0 |
| 77.5° | 20.8 | 14.1 | 10.1 | 7.6 | 5.1 | 2.5 | 0.0 |
| 75° | 28.8 | 20.8 | 12.7 | 9.1 | 6.0 | 3.0 | 0.0 |
| 72.5° | 36.8 | 27.4 | 18.0 | 10.5 | 7.0 | 3.5 | 0.0 |
| 70° | 45.1 | 34.0 | 23.2 | 12.4 | 8.0 | 4.0 | 0.0 |
| 67.5° | 56.3 | 40.4 | 28.4 | 16.3 | 8.9 | 4.5 | 0.0 |
| 65° | 67.4 | 48.2 | 33.5 | 20.1 | 9.9 | 4.9 | 0.0 |
| 62.5° | 78.2 | 57.3 | 38.5 | 23.9 | 10.8 | 5.4 | 0.0 |
| 60° | 88.8 | 66.1 | 43.4 | 27.5 | 11.7 | 5.8 | 0.0 |
| 57.5° | 100.1 | 74.7 | 50.2 | 31.1 | 14.0 | 6.3 | 0.0 |
| 55° | 111.2 | 83.2 | 56.9 | 34.6 | 16.4 | 6.7 | 0.0 |
| 52.5° | 122.0 | 91.5 | 63.4 | 38.0 | 18.6 | 7.1 | 0.0 |
| 50° | 132.4 | 100.2 | 69.7 | 41.2 | 20.8 | 7.5 | 0.0 |
| 47.5° | 142.5 | 108.6 | 75.8 | 44.7 | 22.9 | 7.9 | 0.0 |
| 45° | 151.7 | 116.6 | 81.7 | 49.1 | 24.9 | 8.3 | 0.0 |
| 42.5° | 160.6 | 124.4 | 87.3 | 53.3 | 26.8 | 8.6 | 0.0 |
| 40° | 169.1 | 131.8 | 92.9 | 57.3 | 28.6 | 9.0 | 0.0 |
| 37.5° | 177.2 | 138.8 | 98.6 | 61.1 | 30.4 | 9.3 | 0.0 |
| 35° | 184.8 | 145.2 | 103.9 | 64.7 | 32.0 | 9.6 | 0.0 |
| 32.5° | 192.3 | 151.2 | 108.8 | 68.1 | 33.6 | 9.9 | 0.0 |
| 30° | 199.9 | 156.8 | 113.5 | 71.3 | 35.0 | 10.1 | 0.0 |
| 27.5° | 207.0 | 162.0 | 117.8 | 74.2 | 36.4 | 10.4 | 0.0 |
| 25° | 213.5 | 166.7 | 121.8 | 76.9 | 37.6 | 10.6 | 0.0 |
| 22.5° | 219.4 | 171.1 | 125.4 | 79.3 | 38.7 | 10.8 | 0.0 |
| 20° | 224.8 | 175.0 | 128.7 | 81.6 | 39.7 | 11.0 | 0.0 |
| 17.5° | 229.5 | 178.4 | 131.5 | 83.5 | 40.6 | 11.2 | 0.0 |
| 15° | 233.6 | 181.5 | 134.1 | 85.2 | 41.4 | 11.3 | 0.0 |
| 12.5° | 237.2 | 184.0 | 136.2 | 86.7 | 42.1 | 11.4 | 0.0 |
| 10° | 240.0 | 186.1 | 138.0 | 87.9 | 42.6 | 11.5 | 0.0 |
| 7.5° | 242.3 | 187.8 | 139.3 | 88.8 | 43.1 | 11.6 | 0.0 |
| 5° | 243.9 | 189.0 | 140.3 | 89.5 | 43.4 | 11.7 | 0.0 |
| 2.5° | 244.9 | 189.7 | 140.9 | 89.9 | 43.5 | 11.7 | 0.0 |
| 0° | 245.2 | 189.9 | 141.1 | 90.0 | 43.6 | 11.7 | 0.0 |
| -2.5° | 244.9 | 189.7 | 140.9 | 89.9 | 43.5 | 11.7 | 0.0 |
| -5° | 243.9 | 189.0 | 140.3 | 89.5 | 43.4 | 11.7 | 0.0 |
| -7.5° | 242.3 | 187.8 | 139.3 | 88.8 | 43.1 | 11.6 | 0.0 |
| -10° | 240.0 | 186.1 | 138.0 | 87.9 | 42.6 | 11.5 | 0.0 |
| -12.5° | 237.2 | 184.0 | 136.2 | 86.7 | 42.1 | 11.4 | 0.0 |
| -15° | 233.6 | 181.5 | 134.1 | 85.2 | 41.4 | 11.3 | 0.0 |
| -17.5° | 229.5 | 178.4 | 131.5 | 83.5 | 40.6 | 11.2 | 0.0 |
| -20° | 224.8 | 175.0 | 128.7 | 81.6 | 39.7 | 11.0 | 0.0 |

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

Scaled Data Report



REPORT NUMBER: P645346 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1E-727-U-LAM-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-------|------|-------|-----|
| -22.5° | 219.4 | 171.1 | 125.4 | 79.3 | 38.7 | 10.8 | 0.0 |
| -25° | 213.5 | 166.7 | 121.8 | 76.9 | 37.6 | 10.6 | 0.0 |
| -27.5° | 207.0 | 162.0 | 117.8 | 74.2 | 36.4 | 10.4 | 0.0 |
| -30° | 199.9 | 156.8 | 113.5 | 71.3 | 35.0 | 10.1 | 0.0 |
| -32.5° | 192.3 | 151.2 | 108.8 | 68.1 | 33.6 | 9.9 | 0.0 |
| -35° | 184.8 | 145.2 | 103.9 | 64.7 | 32.0 | 9.6 | 0.0 |
| -37.5° | 177.2 | 138.8 | 98.6 | 61.1 | 30.4 | 9.3 | 0.0 |
| -40° | 169.1 | 131.8 | 92.9 | 57.3 | 28.6 | 9.0 | 0.0 |
| -42.5° | 160.6 | 124.4 | 87.3 | 53.3 | 26.8 | 8.6 | 0.0 |
| -45° | 151.7 | 116.6 | 81.7 | 49.1 | 24.9 | 8.3 | 0.0 |
| -47.5° | 142.5 | 108.6 | 75.8 | 44.7 | 22.9 | 7.9 | 0.0 |
| -50° | 132.4 | 100.2 | 69.7 | 41.2 | 20.8 | 7.5 | 0.0 |
| -52.5° | 122.0 | 91.5 | 63.4 | 38.0 | 18.6 | 7.1 | 0.0 |
| -55° | 111.2 | 83.2 | 56.9 | 34.6 | 16.4 | 6.7 | 0.0 |
| -57.5° | 100.1 | 74.7 | 50.2 | 31.1 | 14.0 | 6.3 | 0.0 |
| -60° | 88.8 | 66.1 | 43.4 | 27.5 | 11.7 | 5.8 | 0.0 |
| -62.5° | 78.2 | 57.3 | 38.5 | 23.9 | 10.8 | 5.4 | 0.0 |
| -65° | 67.4 | 48.2 | 33.5 | 20.1 | 9.9 | 4.9 | 0.0 |
| -67.5° | 56.3 | 40.4 | 28.4 | 16.3 | 8.9 | 4.5 | 0.0 |
| -70° | 45.1 | 34.0 | 23.2 | 12.4 | 8.0 | 4.0 | 0.0 |
| -72.5° | 36.8 | 27.4 | 18.0 | 10.5 | 7.0 | 3.5 | 0.0 |
| -75° | 28.8 | 20.8 | 12.7 | 9.1 | 6.0 | 3.0 | 0.0 |
| -77.5° | 20.8 | 14.1 | 10.1 | 7.6 | 5.1 | 2.5 | 0.0 |
| -80° | 12.7 | 10.1 | 8.1 | 6.1 | 4.1 | 2.0 | 0.0 |
| -82.5° | 9.1 | 7.6 | 6.1 | 4.6 | 3.1 | 1.5 | 0.0 |
| -85° | 6.0 | 5.1 | 4.1 | 3.1 | 2.0 | 1.0 | 0.0 |
| -87.5° | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 0.5 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)