

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: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-722-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-722-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N60
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

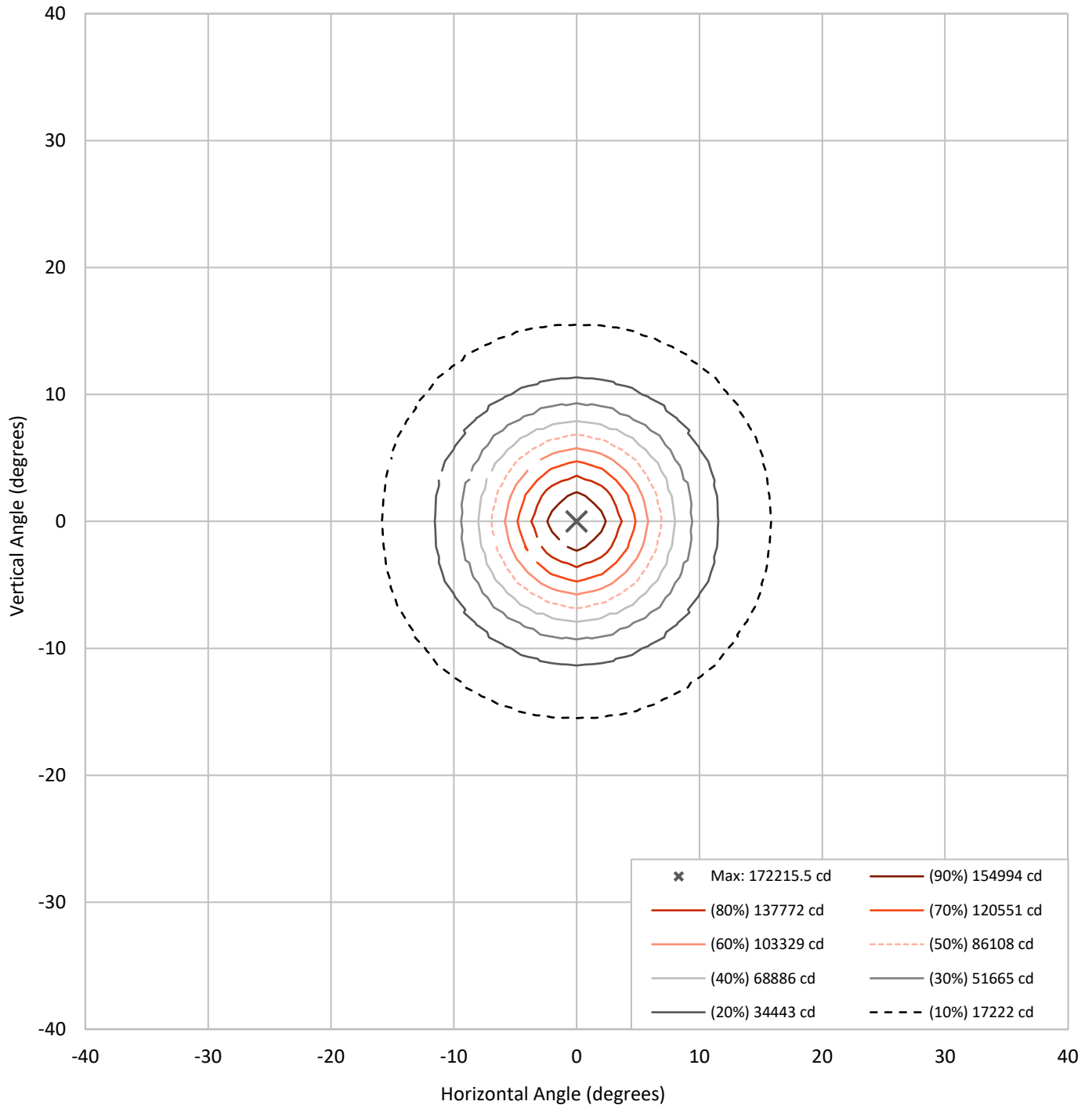
Summary

| | | | |
|-----------------------------------|----------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 18286.8 lumens | Max Intensity: | 172215.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 98.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 13.7°H x 13.6°V | Field Angle (10%): | 31.6°H x 30.6°V |
| Beam Lumens: | 5406.6 lumens | Field Lumens: | 12167 lumens |
| Beam Efficiency: | 29.6% | Field Efficiency: | 66.5% |
| Input Watts (W): | 185.2 | | |
| 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 | | |



REPORT NUMBER: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-722-U-NR-XX

Iso-Candela Plot





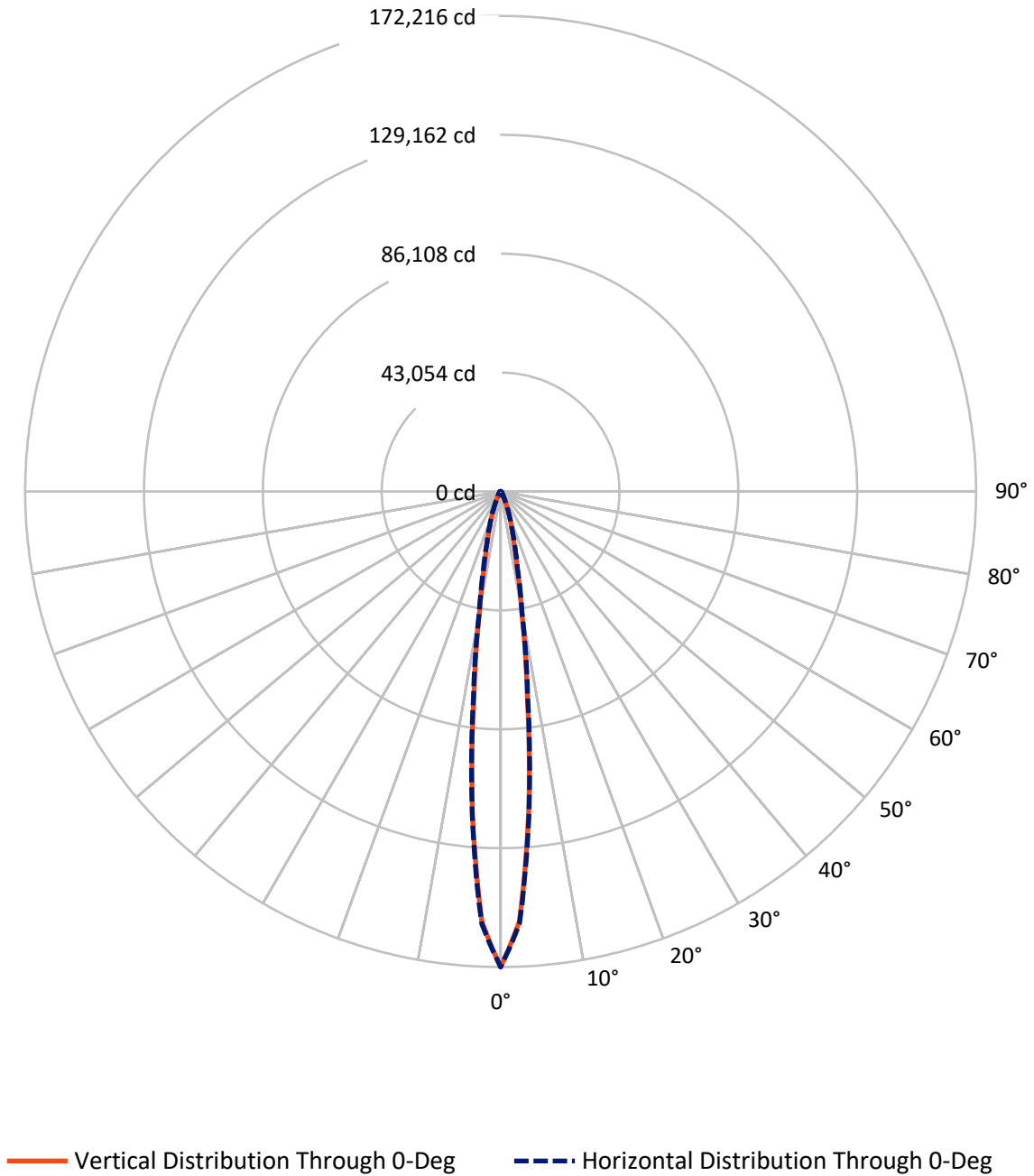
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|------|------|-------|-------|--------|--------|-------|-------|------|------|-----|-----|-----|----|----|----|
| 90 | 0.3 | 2.5 | | 6.6 | | 10.6 | | 11.6 | | 10.6 | | 6.6 | | 2.5 | | 0.3 | | | |
| 80 | 0.3 | 2.5 | | 6.6 | | 10.6 | | 11.6 | | 10.6 | | 6.6 | | 2.5 | | 0.3 | | | |
| 70 | 1.1 | 1.3 | 2.6 | 4.3 | 6.1 | 7.5 | 8.4 | 8.8 | 8.8 | 8.4 | 7.5 | 6.1 | 4.3 | 2.6 | 1.3 | 1.1 | | | |
| 60 | | 1.9 | 4.0 | 6.4 | 8.6 | 10.5 | 11.8 | 12.3 | 12.3 | 11.8 | 10.5 | 8.6 | 6.4 | 4.0 | 1.9 | | | | |
| 50 | 2.0 | 2.5 | 5.1 | 7.9 | 10.6 | 13.3 | 15.7 | 16.9 | 16.9 | 15.7 | 13.3 | 10.6 | 7.9 | 5.1 | 2.5 | 2.0 | | | |
| 40 | | 3.1 | 6.0 | 9.2 | 13.0 | 18.7 | 26.4 | 32.6 | 32.6 | 26.4 | 18.7 | 13.0 | 9.2 | 6.0 | 3.1 | | | | |
| 30 | 2.6 | 3.4 | 6.6 | 10.3 | 16.8 | 33.4 | 76.1 | 125.9 | 125.9 | 76.1 | 33.4 | 16.8 | 10.3 | 6.6 | 3.4 | 2.6 | | | |
| 20 | | 3.7 | 6.9 | 11.4 | 22.3 | 70.9 | 251.9 | 542.6 | 542.6 | 251.9 | 70.9 | 22.3 | 11.4 | 6.9 | 3.7 | | | | |
| 10 | 2.8 | 3.8 | 7.1 | 12.1 | 27.0 | 116.9 | 547.7 | 2365.8 | 2365.8 | 547.7 | 116.9 | 27.0 | 12.1 | 7.1 | 3.8 | 2.8 | | | |
| 0 | | 3.8 | 7.1 | 12.1 | 27.0 | 116.9 | 547.7 | 2365.8 | 2365.8 | 547.7 | 116.9 | 27.0 | 12.1 | 7.1 | 3.8 | | | | |
| -10 | 2.6 | 3.7 | 6.9 | 11.4 | 22.3 | 70.9 | 251.9 | 542.6 | 542.6 | 251.9 | 70.9 | 22.3 | 11.4 | 6.9 | 3.7 | 2.6 | | | |
| -20 | | 3.4 | 6.6 | 10.3 | 16.8 | 33.4 | 76.1 | 125.9 | 125.9 | 76.1 | 33.4 | 16.8 | 10.3 | 6.6 | 3.4 | | | | |
| -30 | 2.0 | 3.1 | 6.0 | 9.2 | 13.0 | 18.7 | 26.4 | 32.6 | 32.6 | 26.4 | 18.7 | 13.0 | 9.2 | 6.0 | 3.1 | 2.0 | | | |
| -40 | | 2.5 | 5.1 | 7.9 | 10.6 | 13.3 | 15.7 | 16.9 | 16.9 | 15.7 | 13.3 | 10.6 | 7.9 | 5.1 | 2.5 | | | | |
| -50 | 1.1 | 1.9 | 4.0 | 6.4 | 8.6 | 10.5 | 11.8 | 12.3 | 12.3 | 11.8 | 10.5 | 8.6 | 6.4 | 4.0 | 1.9 | 1.1 | | | |
| -60 | | 1.3 | 2.6 | 4.3 | 6.1 | 7.5 | 8.4 | 8.8 | 8.8 | 8.4 | 7.5 | 6.1 | 4.3 | 2.6 | 1.3 | | | | |
| -70 | 0.3 | 2.5 | | 6.6 | | 10.6 | | 11.6 | | 10.6 | | 6.6 | | 2.5 | | 0.3 | | | |
| -80 | | 2.5 | | 6.6 | | 10.6 | | 11.6 | | 10.6 | | 6.6 | | 2.5 | | | | | |
| -90 | 0.3 | 2.5 | | 6.6 | | 10.6 | | 11.6 | | 10.6 | | 6.6 | | 2.5 | | 0.3 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

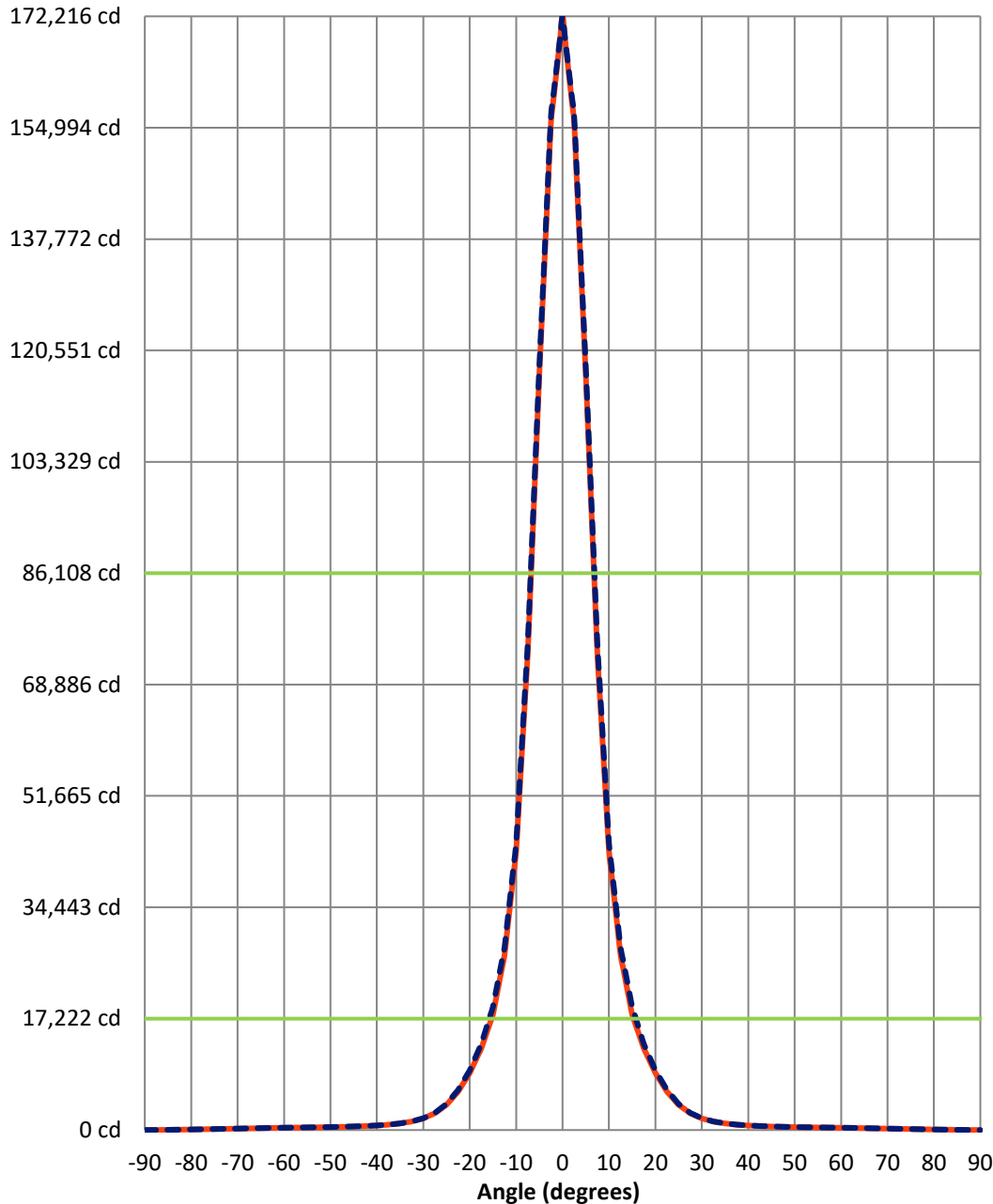
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CATALOG NUMBER: GFLD-SA3E-722-U-NR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 5406.6
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 12167
 Efficiency: 66.5%

Spill:
 Lumens: 6119.8
 Efficiency: 33.5%

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

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Scaled Data Report



REPORT NUMBER: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

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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 | 1.3 | 1.9 | 2.6 | 3.2 | 3.8 | 4.4 | 5.1 | 5.7 | 6.3 |
| 85° | 0.0 | 1.1 | 2.6 | 3.9 | 5.1 | 6.4 | 7.7 | 8.9 | 10.1 | 11.3 | 12.5 |
| 82.5° | 0.0 | 1.7 | 3.9 | 5.8 | 7.7 | 9.6 | 11.5 | 13.3 | 15.3 | 18.0 | 20.7 |
| 80° | 0.0 | 2.2 | 5.1 | 7.7 | 10.2 | 12.8 | 15.5 | 19.2 | 22.8 | 26.4 | 29.9 |
| 77.5° | 0.0 | 2.8 | 6.4 | 9.6 | 12.8 | 16.4 | 21.1 | 25.7 | 30.2 | 34.7 | 39.5 |
| 75° | 0.0 | 3.3 | 7.6 | 11.5 | 15.4 | 20.8 | 26.6 | 32.2 | 37.7 | 44.0 | 50.1 |
| 72.5° | 0.0 | 3.9 | 8.8 | 13.3 | 18.8 | 25.1 | 32.0 | 38.8 | 46.2 | 53.5 | 60.6 |
| 70° | 0.0 | 4.4 | 10.0 | 15.2 | 22.1 | 29.4 | 37.4 | 46.2 | 54.6 | 62.9 | 72.3 |
| 67.5° | 0.0 | 4.9 | 11.1 | 17.6 | 25.3 | 33.6 | 43.6 | 53.5 | 62.9 | 73.6 | 84.0 |
| 65° | 0.0 | 5.4 | 12.2 | 19.9 | 28.4 | 38.1 | 49.6 | 60.6 | 72.3 | 84.0 | 96.4 |
| 62.5° | 0.0 | 5.9 | 13.3 | 22.1 | 31.5 | 43.1 | 55.5 | 68.4 | 81.4 | 94.7 | 110.2 |
| 60° | 0.0 | 6.3 | 14.3 | 24.2 | 34.4 | 47.9 | 61.3 | 76.2 | 90.4 | 106.6 | 123.7 |
| 57.5° | 0.0 | 6.8 | 15.6 | 26.3 | 38.1 | 52.6 | 67.7 | 83.9 | 100.2 | 118.2 | 136.7 |
| 55° | 0.0 | 7.2 | 16.9 | 28.3 | 41.8 | 57.2 | 74.0 | 91.2 | 110.0 | 129.3 | 149.3 |
| 52.5° | 0.0 | 7.6 | 18.2 | 30.2 | 45.3 | 61.7 | 80.1 | 99.2 | 119.4 | 140.0 | 161.3 |
| 50° | 0.0 | 8.0 | 19.4 | 32.1 | 48.7 | 66.6 | 86.0 | 106.9 | 128.4 | 150.2 | 172.8 |
| 47.5° | 0.0 | 8.4 | 20.6 | 34.0 | 52.0 | 71.3 | 91.8 | 114.4 | 136.9 | 159.9 | 184.1 |
| 45° | 0.0 | 8.8 | 21.8 | 36.4 | 55.2 | 75.9 | 97.9 | 121.6 | 145.1 | 169.9 | 195.2 |
| 42.5° | 0.0 | 9.1 | 22.9 | 38.6 | 58.2 | 80.2 | 103.8 | 128.5 | 153.0 | 179.5 | 205.9 |
| 40° | 0.0 | 9.4 | 24.0 | 40.8 | 61.2 | 84.3 | 109.4 | 135.1 | 160.8 | 188.8 | 216.4 |
| 37.5° | 0.0 | 9.7 | 25.0 | 42.9 | 64.4 | 88.2 | 114.7 | 141.3 | 168.5 | 197.5 | 226.5 |
| 35° | 0.0 | 10.0 | 26.0 | 44.9 | 67.3 | 92.2 | 119.7 | 147.1 | 175.7 | 205.7 | 236.2 |
| 32.5° | 0.0 | 10.2 | 26.9 | 46.8 | 70.1 | 96.1 | 124.4 | 152.6 | 182.3 | 213.4 | 244.7 |
| 30° | 0.0 | 10.4 | 27.8 | 48.6 | 72.6 | 99.8 | 128.8 | 157.8 | 188.3 | 220.5 | 252.4 |
| 27.5° | 0.0 | 10.6 | 28.6 | 50.2 | 75.1 | 103.1 | 132.8 | 162.7 | 193.9 | 227.1 | 259.3 |
| 25° | 0.0 | 10.8 | 29.3 | 51.7 | 77.4 | 106.2 | 136.5 | 167.1 | 199.2 | 232.9 | 265.4 |
| 22.5° | 0.0 | 10.9 | 30.0 | 53.1 | 79.5 | 108.9 | 139.8 | 171.0 | 204.0 | 237.8 | 270.7 |
| 20° | 0.0 | 11.0 | 30.7 | 54.3 | 81.4 | 111.3 | 142.8 | 174.4 | 208.2 | 242.1 | 275.5 |
| 17.5° | 0.0 | 11.1 | 31.3 | 55.4 | 83.1 | 113.3 | 145.3 | 177.4 | 211.8 | 245.8 | 279.8 |
| 15° | 0.0 | 11.2 | 31.8 | 56.3 | 84.5 | 115.0 | 147.3 | 180.0 | 214.9 | 248.7 | 283.5 |
| 12.5° | 0.0 | 11.2 | 32.2 | 57.2 | 85.8 | 116.3 | 148.9 | 182.4 | 217.5 | 251.0 | 286.5 |
| 10° | 0.0 | 11.2 | 32.5 | 57.8 | 86.8 | 117.3 | 150.2 | 184.4 | 219.5 | 253.4 | 289.4 |
| 7.5° | 0.0 | 11.2 | 32.8 | 58.3 | 87.6 | 118.0 | 151.0 | 186.0 | 220.9 | 255.5 | 292.8 |
| 5° | 0.0 | 11.2 | 33.0 | 58.7 | 88.1 | 118.3 | 151.5 | 187.2 | 221.6 | 257.0 | 295.6 |
| 2.5° | 0.0 | 11.2 | 33.2 | 58.9 | 88.5 | 118.4 | 151.6 | 188.0 | 221.8 | 258.0 | 297.6 |
| 0° | 0.0 | 11.1 | 33.2 | 59.0 | 88.6 | 118.1 | 151.3 | 188.2 | 221.4 | 258.3 | 298.9 |
| -2.5° | 0.0 | 11.2 | 33.2 | 58.9 | 88.5 | 118.4 | 151.6 | 188.0 | 221.8 | 258.0 | 297.6 |
| -5° | 0.0 | 11.2 | 33.0 | 58.7 | 88.1 | 118.3 | 151.5 | 187.2 | 221.6 | 257.0 | 295.6 |
| -7.5° | 0.0 | 11.2 | 32.8 | 58.3 | 87.6 | 118.0 | 151.0 | 186.0 | 220.9 | 255.5 | 292.8 |
| -10° | 0.0 | 11.2 | 32.5 | 57.8 | 86.8 | 117.3 | 150.2 | 184.4 | 219.5 | 253.4 | 289.4 |
| -12.5° | 0.0 | 11.2 | 32.2 | 57.2 | 85.8 | 116.3 | 148.9 | 182.4 | 217.5 | 251.0 | 286.5 |
| -15° | 0.0 | 11.2 | 31.8 | 56.3 | 84.5 | 115.0 | 147.3 | 180.0 | 214.9 | 248.7 | 283.5 |
| -17.5° | 0.0 | 11.1 | 31.3 | 55.4 | 83.1 | 113.3 | 145.3 | 177.4 | 211.8 | 245.8 | 279.8 |
| -20° | 0.0 | 11.0 | 30.7 | 54.3 | 81.4 | 111.3 | 142.8 | 174.4 | 208.2 | 242.1 | 275.5 |

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Scaled Data Report



REPORT NUMBER: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 0.0 | 10.9 | 30.0 | 53.1 | 79.5 | 108.9 | 139.8 | 171.0 | 204.0 | 237.8 | 270.7 |
| -25° | 0.0 | 10.8 | 29.3 | 51.7 | 77.4 | 106.2 | 136.5 | 167.1 | 199.2 | 232.9 | 265.4 |
| -27.5° | 0.0 | 10.6 | 28.6 | 50.2 | 75.1 | 103.1 | 132.8 | 162.7 | 193.9 | 227.1 | 259.3 |
| -30° | 0.0 | 10.4 | 27.8 | 48.6 | 72.6 | 99.8 | 128.8 | 157.8 | 188.3 | 220.5 | 252.4 |
| -32.5° | 0.0 | 10.2 | 26.9 | 46.8 | 70.1 | 96.1 | 124.4 | 152.6 | 182.3 | 213.4 | 244.7 |
| -35° | 0.0 | 10.0 | 26.0 | 44.9 | 67.3 | 92.2 | 119.7 | 147.1 | 175.7 | 205.7 | 236.2 |
| -37.5° | 0.0 | 9.7 | 25.0 | 42.9 | 64.4 | 88.2 | 114.7 | 141.3 | 168.5 | 197.5 | 226.5 |
| -40° | 0.0 | 9.4 | 24.0 | 40.8 | 61.2 | 84.3 | 109.4 | 135.1 | 160.8 | 188.8 | 216.4 |
| -42.5° | 0.0 | 9.1 | 22.9 | 38.6 | 58.2 | 80.2 | 103.8 | 128.5 | 153.0 | 179.5 | 205.9 |
| -45° | 0.0 | 8.8 | 21.8 | 36.4 | 55.2 | 75.9 | 97.9 | 121.6 | 145.1 | 169.9 | 195.2 |
| -47.5° | 0.0 | 8.4 | 20.6 | 34.0 | 52.0 | 71.3 | 91.8 | 114.4 | 136.9 | 159.9 | 184.1 |
| -50° | 0.0 | 8.0 | 19.4 | 32.1 | 48.7 | 66.6 | 86.0 | 106.9 | 128.4 | 150.2 | 172.8 |
| -52.5° | 0.0 | 7.6 | 18.2 | 30.2 | 45.3 | 61.7 | 80.1 | 99.2 | 119.4 | 140.0 | 161.3 |
| -55° | 0.0 | 7.2 | 16.9 | 28.3 | 41.8 | 57.2 | 74.0 | 91.2 | 110.0 | 129.3 | 149.3 |
| -57.5° | 0.0 | 6.8 | 15.6 | 26.3 | 38.1 | 52.6 | 67.7 | 83.9 | 100.2 | 118.2 | 136.7 |
| -60° | 0.0 | 6.3 | 14.3 | 24.2 | 34.4 | 47.9 | 61.3 | 76.2 | 90.4 | 106.6 | 123.7 |
| -62.5° | 0.0 | 5.9 | 13.3 | 22.1 | 31.5 | 43.1 | 55.5 | 68.4 | 81.4 | 94.7 | 110.2 |
| -65° | 0.0 | 5.4 | 12.2 | 19.9 | 28.4 | 38.1 | 49.6 | 60.6 | 72.3 | 84.0 | 96.4 |
| -67.5° | 0.0 | 4.9 | 11.1 | 17.6 | 25.3 | 33.6 | 43.6 | 53.5 | 62.9 | 73.6 | 84.0 |
| -70° | 0.0 | 4.4 | 10.0 | 15.2 | 22.1 | 29.4 | 37.4 | 46.2 | 54.6 | 62.9 | 72.3 |
| -72.5° | 0.0 | 3.9 | 8.8 | 13.3 | 18.8 | 25.1 | 32.0 | 38.8 | 46.2 | 53.5 | 60.6 |
| -75° | 0.0 | 3.3 | 7.6 | 11.5 | 15.4 | 20.8 | 26.6 | 32.2 | 37.7 | 44.0 | 50.1 |
| -77.5° | 0.0 | 2.8 | 6.4 | 9.6 | 12.8 | 16.4 | 21.1 | 25.7 | 30.2 | 34.7 | 39.5 |
| -80° | 0.0 | 2.2 | 5.1 | 7.7 | 10.2 | 12.8 | 15.5 | 19.2 | 22.8 | 26.4 | 29.9 |
| -82.5° | 0.0 | 1.7 | 3.9 | 5.8 | 7.7 | 9.6 | 11.5 | 13.3 | 15.3 | 18.0 | 20.7 |
| -85° | 0.0 | 1.1 | 2.6 | 3.9 | 5.1 | 6.4 | 7.7 | 8.9 | 10.1 | 11.3 | 12.5 |
| -87.5° | 0.0 | 0.6 | 1.3 | 1.9 | 2.6 | 3.2 | 3.8 | 4.4 | 5.1 | 5.7 | 6.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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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° | 6.8 | 7.4 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 10.9 | 11.3 | 11.7 |
| 85° | 13.7 | 14.8 | 16.4 | 18.0 | 19.4 | 20.6 | 21.6 | 22.4 | 23.9 | 25.5 | 27.2 |
| 82.5° | 23.2 | 25.8 | 28.3 | 30.7 | 32.3 | 33.6 | 34.9 | 36.8 | 40.0 | 43.2 | 46.0 |
| 80° | 33.4 | 36.7 | 40.5 | 44.3 | 47.5 | 50.7 | 54.0 | 57.5 | 61.0 | 64.4 | 67.6 |
| 77.5° | 44.5 | 49.4 | 54.2 | 58.9 | 63.5 | 68.6 | 73.4 | 78.1 | 82.6 | 86.8 | 90.9 |
| 75° | 56.1 | 62.0 | 68.5 | 74.9 | 81.2 | 87.2 | 93.1 | 99.5 | 105.5 | 111.3 | 116.8 |
| 72.5° | 68.4 | 76.2 | 83.9 | 91.4 | 99.5 | 107.4 | 115.1 | 122.5 | 129.7 | 137.2 | 145.1 |
| 70° | 81.4 | 90.4 | 100.4 | 110.0 | 119.1 | 128.5 | 138.0 | 146.1 | 153.9 | 164.2 | 174.8 |
| 67.5° | 94.8 | 107.0 | 118.3 | 129.1 | 141.1 | 152.3 | 161.9 | 172.3 | 183.3 | 195.3 | 205.7 |
| 65° | 110.6 | 123.8 | 137.0 | 150.6 | 164.5 | 176.1 | 188.2 | 201.0 | 213.5 | 225.5 | 236.8 |
| 62.5° | 126.2 | 141.1 | 156.2 | 171.1 | 185.4 | 199.3 | 213.9 | 228.2 | 241.9 | 255.8 | 268.1 |
| 60° | 141.3 | 158.2 | 174.1 | 189.7 | 205.9 | 223.2 | 239.3 | 255.1 | 271.6 | 287.4 | 295.6 |
| 57.5° | 155.8 | 173.8 | 190.5 | 208.0 | 227.0 | 246.5 | 263.5 | 281.4 | 295.6 | 306.4 | 317.1 |
| 55° | 169.5 | 188.2 | 206.5 | 226.1 | 246.8 | 267.1 | 286.0 | 301.9 | 315.0 | 325.0 | 336.3 |
| 52.5° | 182.2 | 202.0 | 221.9 | 243.4 | 265.3 | 286.9 | 306.7 | 321.6 | 333.4 | 343.7 | 354.2 |
| 50° | 194.8 | 215.6 | 236.6 | 260.2 | 283.6 | 306.6 | 326.0 | 339.7 | 350.8 | 361.3 | 372.1 |
| 47.5° | 207.2 | 229.0 | 251.6 | 276.7 | 302.1 | 324.3 | 342.6 | 355.2 | 366.4 | 378.7 | 390.6 |
| 45° | 219.3 | 242.9 | 266.9 | 293.7 | 319.3 | 340.7 | 356.3 | 368.9 | 382.7 | 396.0 | 408.7 |
| 42.5° | 231.1 | 256.6 | 282.5 | 310.4 | 335.1 | 354.4 | 369.0 | 383.8 | 398.7 | 412.9 | 427.3 |
| 40° | 243.1 | 269.7 | 297.2 | 324.9 | 349.8 | 366.5 | 381.9 | 397.9 | 414.3 | 429.7 | 445.7 |
| 37.5° | 254.5 | 282.1 | 310.4 | 338.4 | 361.1 | 378.0 | 394.0 | 411.6 | 428.9 | 445.7 | 466.5 |
| 35° | 265.3 | 293.3 | 321.9 | 349.0 | 370.9 | 388.3 | 406.2 | 424.7 | 442.9 | 464.6 | 488.3 |
| 32.5° | 275.0 | 303.4 | 332.4 | 357.7 | 379.0 | 397.8 | 417.9 | 437.3 | 459.1 | 483.7 | 512.2 |
| 30° | 283.2 | 312.3 | 341.4 | 366.1 | 386.9 | 406.8 | 428.6 | 450.0 | 475.5 | 505.0 | 538.8 |
| 27.5° | 290.4 | 320.2 | 348.5 | 373.2 | 394.4 | 414.2 | 437.1 | 464.1 | 493.4 | 526.6 | 566.2 |
| 25° | 297.1 | 328.2 | 355.2 | 379.7 | 400.3 | 421.1 | 445.6 | 475.5 | 510.7 | 550.6 | 599.2 |
| 22.5° | 303.5 | 335.9 | 362.1 | 385.9 | 405.0 | 427.5 | 455.1 | 487.5 | 525.8 | 572.6 | 631.8 |
| 20° | 309.5 | 341.7 | 367.5 | 390.8 | 408.6 | 433.0 | 463.4 | 498.1 | 541.5 | 597.4 | 665.8 |
| 17.5° | 315.1 | 346.6 | 371.8 | 393.7 | 413.2 | 438.9 | 470.8 | 506.7 | 555.3 | 619.9 | 697.1 |
| 15° | 320.2 | 350.7 | 375.2 | 396.1 | 417.3 | 445.1 | 478.4 | 517.3 | 570.4 | 641.3 | 724.8 |
| 12.5° | 324.7 | 354.1 | 377.8 | 397.9 | 420.6 | 450.1 | 485.2 | 528.4 | 586.7 | 662.4 | 760.0 |
| 10° | 328.5 | 356.6 | 379.7 | 399.1 | 423.1 | 454.0 | 490.9 | 537.4 | 599.6 | 678.7 | 787.0 |
| 7.5° | 331.7 | 358.7 | 380.9 | 399.8 | 424.7 | 456.7 | 495.3 | 544.3 | 608.7 | 690.4 | 806.5 |
| 5° | 334.0 | 360.3 | 382.5 | 402.1 | 427.1 | 458.8 | 498.6 | 549.0 | 614.0 | 697.2 | 818.6 |
| 2.5° | 335.4 | 361.3 | 383.4 | 404.3 | 429.8 | 460.6 | 501.0 | 554.2 | 618.4 | 704.0 | 827.9 |
| 0° | 335.8 | 361.6 | 383.7 | 405.9 | 431.7 | 461.2 | 501.8 | 557.2 | 619.9 | 708.4 | 833.9 |
| -2.5° | 335.4 | 361.3 | 383.4 | 404.3 | 429.8 | 460.6 | 501.0 | 554.2 | 618.4 | 704.0 | 827.9 |
| -5° | 334.0 | 360.3 | 382.5 | 402.1 | 427.1 | 458.8 | 498.6 | 549.0 | 614.0 | 697.2 | 818.6 |
| -7.5° | 331.7 | 358.7 | 380.9 | 399.8 | 424.7 | 456.7 | 495.3 | 544.3 | 608.7 | 690.4 | 806.5 |
| -10° | 328.5 | 356.6 | 379.7 | 399.1 | 423.1 | 454.0 | 490.9 | 537.4 | 599.6 | 678.7 | 787.0 |
| -12.5° | 324.7 | 354.1 | 377.8 | 397.9 | 420.6 | 450.1 | 485.2 | 528.4 | 586.7 | 662.4 | 760.0 |
| -15° | 320.2 | 350.7 | 375.2 | 396.1 | 417.3 | 445.1 | 478.4 | 517.3 | 570.4 | 641.3 | 724.8 |
| -17.5° | 315.1 | 346.6 | 371.8 | 393.7 | 413.2 | 438.9 | 470.8 | 506.7 | 555.3 | 619.9 | 697.1 |
| -20° | 309.5 | 341.7 | 367.5 | 390.8 | 408.6 | 433.0 | 463.4 | 498.1 | 541.5 | 597.4 | 665.8 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 303.5 | 335.9 | 362.1 | 385.9 | 405.0 | 427.5 | 455.1 | 487.5 | 525.8 | 572.6 | 631.8 |
| -25° | 297.1 | 328.2 | 355.2 | 379.7 | 400.3 | 421.1 | 445.6 | 475.5 | 510.7 | 550.6 | 599.2 |
| -27.5° | 290.4 | 320.2 | 348.5 | 373.2 | 394.4 | 414.2 | 437.1 | 464.1 | 493.4 | 526.6 | 566.2 |
| -30° | 283.2 | 312.3 | 341.4 | 366.1 | 386.9 | 406.8 | 428.6 | 450.0 | 475.5 | 505.0 | 538.8 |
| -32.5° | 275.0 | 303.4 | 332.4 | 357.7 | 379.0 | 397.8 | 417.9 | 437.3 | 459.1 | 483.7 | 512.2 |
| -35° | 265.3 | 293.3 | 321.9 | 349.0 | 370.9 | 388.3 | 406.2 | 424.7 | 442.9 | 464.6 | 488.3 |
| -37.5° | 254.5 | 282.1 | 310.4 | 338.4 | 361.1 | 378.0 | 394.0 | 411.6 | 428.9 | 445.7 | 466.5 |
| -40° | 243.1 | 269.7 | 297.2 | 324.9 | 349.8 | 366.5 | 381.9 | 397.9 | 414.3 | 429.7 | 445.7 |
| -42.5° | 231.1 | 256.6 | 282.5 | 310.4 | 335.1 | 354.4 | 369.0 | 383.8 | 398.7 | 412.9 | 427.3 |
| -45° | 219.3 | 242.9 | 266.9 | 293.7 | 319.3 | 340.7 | 356.3 | 368.9 | 382.7 | 396.0 | 408.7 |
| -47.5° | 207.2 | 229.0 | 251.6 | 276.7 | 302.1 | 324.3 | 342.6 | 355.2 | 366.4 | 378.7 | 390.6 |
| -50° | 194.8 | 215.6 | 236.6 | 260.2 | 283.6 | 306.6 | 326.0 | 339.7 | 350.8 | 361.3 | 372.1 |
| -52.5° | 182.2 | 202.0 | 221.9 | 243.4 | 265.3 | 286.9 | 306.7 | 321.6 | 333.4 | 343.7 | 354.2 |
| -55° | 169.5 | 188.2 | 206.5 | 226.1 | 246.8 | 267.1 | 286.0 | 301.9 | 315.0 | 325.0 | 336.3 |
| -57.5° | 155.8 | 173.8 | 190.5 | 208.0 | 227.0 | 246.5 | 263.5 | 281.4 | 295.6 | 306.4 | 317.1 |
| -60° | 141.3 | 158.2 | 174.1 | 189.7 | 205.9 | 223.2 | 239.3 | 255.1 | 271.6 | 287.4 | 295.6 |
| -62.5° | 126.2 | 141.1 | 156.2 | 171.1 | 185.4 | 199.3 | 213.9 | 228.2 | 241.9 | 255.8 | 268.1 |
| -65° | 110.6 | 123.8 | 137.0 | 150.6 | 164.5 | 176.1 | 188.2 | 201.0 | 213.5 | 225.5 | 236.8 |
| -67.5° | 94.8 | 107.0 | 118.3 | 129.1 | 141.1 | 152.3 | 161.9 | 172.3 | 183.3 | 195.3 | 205.7 |
| -70° | 81.4 | 90.4 | 100.4 | 110.0 | 119.1 | 128.5 | 138.0 | 146.1 | 153.9 | 164.2 | 174.8 |
| -72.5° | 68.4 | 76.2 | 83.9 | 91.4 | 99.5 | 107.4 | 115.1 | 122.5 | 129.7 | 137.2 | 145.1 |
| -75° | 56.1 | 62.0 | 68.5 | 74.9 | 81.2 | 87.2 | 93.1 | 99.5 | 105.5 | 111.3 | 116.8 |
| -77.5° | 44.5 | 49.4 | 54.2 | 58.9 | 63.5 | 68.6 | 73.4 | 78.1 | 82.6 | 86.8 | 90.9 |
| -80° | 33.4 | 36.7 | 40.5 | 44.3 | 47.5 | 50.7 | 54.0 | 57.5 | 61.0 | 64.4 | 67.6 |
| -82.5° | 23.2 | 25.8 | 28.3 | 30.7 | 32.3 | 33.6 | 34.9 | 36.8 | 40.0 | 43.2 | 46.0 |
| -85° | 13.7 | 14.8 | 16.4 | 18.0 | 19.4 | 20.6 | 21.6 | 22.4 | 23.9 | 25.5 | 27.2 |
| -87.5° | 6.8 | 7.4 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 10.9 | 11.3 | 11.7 |
| -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: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-U-NR-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° | 12.1 | 12.5 | 12.8 | 13.1 | 13.4 | 13.7 | 13.9 | 14.1 | 14.3 | 13.6 | 12.8 |
| 85° | 28.9 | 30.0 | 31.0 | 31.9 | 32.7 | 33.5 | 34.2 | 34.8 | 35.4 | 34.9 | 34.4 |
| 82.5° | 48.6 | 50.5 | 52.3 | 53.9 | 55.4 | 56.8 | 58.0 | 59.1 | 60.0 | 60.0 | 59.7 |
| 80° | 70.7 | 73.9 | 77.0 | 80.2 | 83.3 | 85.1 | 86.5 | 87.5 | 88.2 | 88.5 | 88.6 |
| 77.5° | 95.0 | 99.9 | 105.0 | 110.1 | 115.0 | 117.8 | 119.8 | 121.5 | 122.8 | 123.1 | 122.9 |
| 75° | 122.0 | 128.4 | 135.3 | 141.4 | 146.6 | 149.9 | 152.1 | 154.0 | 155.5 | 156.0 | 155.8 |
| 72.5° | 153.4 | 161.1 | 167.3 | 172.5 | 177.0 | 180.4 | 183.3 | 185.7 | 187.7 | 188.5 | 188.6 |
| 70° | 184.1 | 191.8 | 197.8 | 203.0 | 207.4 | 211.0 | 214.4 | 217.3 | 219.7 | 221.5 | 222.8 |
| 67.5° | 215.4 | 224.2 | 230.3 | 235.0 | 238.8 | 242.6 | 247.1 | 251.0 | 254.2 | 256.4 | 257.5 |
| 65° | 247.5 | 256.5 | 262.4 | 267.6 | 272.2 | 277.0 | 282.0 | 285.7 | 288.1 | 289.6 | 290.6 |
| 62.5° | 278.5 | 287.0 | 294.4 | 301.2 | 307.8 | 313.3 | 316.7 | 319.8 | 322.5 | 324.7 | 326.3 |
| 60° | 305.2 | 316.0 | 324.2 | 330.8 | 337.2 | 343.5 | 347.7 | 351.0 | 353.7 | 355.6 | 356.8 |
| 57.5° | 327.9 | 338.9 | 348.7 | 355.1 | 362.1 | 369.5 | 374.4 | 377.2 | 379.8 | 382.0 | 383.0 |
| 55° | 347.8 | 358.0 | 367.0 | 375.7 | 383.6 | 390.2 | 395.4 | 399.2 | 402.4 | 405.0 | 405.8 |
| 52.5° | 365.8 | 376.8 | 387.4 | 396.6 | 404.3 | 410.7 | 415.8 | 420.5 | 424.2 | 426.6 | 427.7 |
| 50° | 384.5 | 396.4 | 407.7 | 417.9 | 425.8 | 433.0 | 439.4 | 445.0 | 450.3 | 454.4 | 457.4 |
| 47.5° | 403.0 | 415.7 | 428.2 | 439.4 | 448.9 | 459.3 | 468.6 | 476.5 | 484.2 | 490.5 | 494.8 |
| 45° | 421.7 | 436.4 | 450.0 | 464.4 | 477.2 | 490.8 | 503.5 | 514.4 | 525.6 | 534.0 | 539.7 |
| 42.5° | 442.4 | 459.1 | 475.5 | 493.4 | 510.9 | 528.6 | 547.8 | 564.8 | 578.1 | 590.5 | 600.5 |
| 40° | 464.6 | 483.7 | 505.0 | 527.0 | 552.8 | 576.2 | 601.9 | 624.1 | 644.1 | 665.2 | 682.0 |
| 37.5° | 488.3 | 512.2 | 540.2 | 569.5 | 602.9 | 634.9 | 668.6 | 701.7 | 730.5 | 764.5 | 790.5 |
| 35° | 514.5 | 546.3 | 580.8 | 620.5 | 662.1 | 708.0 | 754.0 | 807.2 | 852.9 | 903.2 | 947.1 |
| 32.5° | 545.5 | 583.4 | 628.7 | 681.1 | 734.5 | 804.2 | 869.3 | 953.9 | 1027.1 | 1106.9 | 1187.4 |
| 30° | 577.3 | 626.9 | 685.4 | 751.4 | 836.3 | 932.1 | 1038.9 | 1164.8 | 1294.6 | 1420.1 | 1571.6 |
| 27.5° | 616.8 | 676.7 | 747.5 | 844.0 | 968.9 | 1098.3 | 1282.0 | 1470.9 | 1709.5 | 1906.7 | 2184.9 |
| 25° | 657.9 | 728.3 | 828.9 | 960.1 | 1123.2 | 1347.9 | 1626.5 | 1928.4 | 2348.2 | 2716.9 | 3149.4 |
| 22.5° | 702.5 | 797.6 | 922.7 | 1084.7 | 1332.0 | 1676.9 | 2098.7 | 2667.2 | 3286.3 | 3943.6 | 4597.3 |
| 20° | 749.1 | 864.1 | 1028.1 | 1262.9 | 1602.2 | 2069.3 | 2793.5 | 3671.1 | 4555.5 | 5640.0 | 6600.3 |
| 17.5° | 803.0 | 949.3 | 1151.4 | 1445.1 | 1897.9 | 2613.4 | 3618.1 | 4843.3 | 6215.4 | 7774.6 | 9159.0 |
| 15° | 847.8 | 1022.3 | 1277.5 | 1688.4 | 2311.1 | 3230.0 | 4497.0 | 6182.4 | 8244.2 | 10338.4 | 12463.0 |
| 12.5° | 899.9 | 1101.8 | 1401.5 | 1891.4 | 2673.5 | 3894.8 | 5619.3 | 7752.7 | 10327.6 | 13232.3 | 16656.5 |
| 10° | 946.2 | 1179.9 | 1552.4 | 2158.8 | 3114.6 | 4588.0 | 6681.0 | 9247.6 | 12570.6 | 16749.7 | 22052.4 |
| 7.5° | 980.5 | 1242.0 | 1668.9 | 2362.3 | 3495.9 | 5254.5 | 7684.1 | 10884.5 | 15107.0 | 20625.6 | 27903.1 |
| 5° | 1002.8 | 1286.9 | 1751.3 | 2519.4 | 3794.4 | 5750.6 | 8419.2 | 12045.6 | 17139.7 | 24944.7 | 37268.2 |
| 2.5° | 1016.2 | 1313.5 | 1798.3 | 2611.5 | 3976.0 | 6079.3 | 8978.5 | 12923.6 | 18457.1 | 27614.0 | 43291.7 |
| 0° | 1022.1 | 1320.9 | 1826.4 | 2660.3 | 4036.6 | 6206.2 | 9235.5 | 13323.7 | 19046.5 | 28237.7 | 44350.8 |
| -2.5° | 1016.2 | 1313.5 | 1798.3 | 2611.5 | 3976.0 | 6079.3 | 8978.5 | 12923.6 | 18457.1 | 27614.0 | 43291.7 |
| -5° | 1002.8 | 1286.9 | 1751.3 | 2519.4 | 3794.4 | 5750.6 | 8419.2 | 12045.6 | 17139.7 | 24944.7 | 37268.2 |
| -7.5° | 980.5 | 1242.0 | 1668.9 | 2362.3 | 3495.9 | 5254.5 | 7684.1 | 10884.5 | 15107.0 | 20625.6 | 27903.1 |
| -10° | 946.2 | 1179.9 | 1552.4 | 2158.8 | 3114.6 | 4588.0 | 6681.0 | 9247.6 | 12570.6 | 16749.7 | 22052.4 |
| -12.5° | 899.9 | 1101.8 | 1401.5 | 1891.4 | 2673.5 | 3894.8 | 5619.3 | 7752.7 | 10327.6 | 13232.3 | 16656.5 |
| -15° | 847.8 | 1022.3 | 1277.5 | 1688.4 | 2311.1 | 3230.0 | 4497.0 | 6182.4 | 8244.2 | 10338.4 | 12463.0 |
| -17.5° | 803.0 | 949.3 | 1151.4 | 1445.1 | 1897.9 | 2613.4 | 3618.1 | 4843.3 | 6215.4 | 7774.6 | 9159.0 |
| -20° | 749.1 | 864.1 | 1028.1 | 1262.9 | 1602.2 | 2069.3 | 2793.5 | 3671.1 | 4555.5 | 5640.0 | 6600.3 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 702.5 | 797.6 | 922.7 | 1084.7 | 1332.0 | 1676.9 | 2098.7 | 2667.2 | 3286.3 | 3943.6 | 4597.3 |
| -25° | 657.9 | 728.3 | 828.9 | 960.1 | 1123.2 | 1347.9 | 1626.5 | 1928.4 | 2348.2 | 2716.9 | 3149.4 |
| -27.5° | 616.8 | 676.7 | 747.5 | 844.0 | 968.9 | 1098.3 | 1282.0 | 1470.9 | 1709.5 | 1906.7 | 2184.9 |
| -30° | 577.3 | 626.9 | 685.4 | 751.4 | 836.3 | 932.1 | 1038.9 | 1164.8 | 1294.6 | 1420.1 | 1571.6 |
| -32.5° | 545.5 | 583.4 | 628.7 | 681.1 | 734.5 | 804.2 | 869.3 | 953.9 | 1027.1 | 1106.9 | 1187.4 |
| -35° | 514.5 | 546.3 | 580.8 | 620.5 | 662.1 | 708.0 | 754.0 | 807.2 | 852.9 | 903.2 | 947.1 |
| -37.5° | 488.3 | 512.2 | 540.2 | 569.5 | 602.9 | 634.9 | 668.6 | 701.7 | 730.5 | 764.5 | 790.5 |
| -40° | 464.6 | 483.7 | 505.0 | 527.0 | 552.8 | 576.2 | 601.9 | 624.1 | 644.1 | 665.2 | 682.0 |
| -42.5° | 442.4 | 459.1 | 475.5 | 493.4 | 510.9 | 528.6 | 547.8 | 564.8 | 578.1 | 590.5 | 600.5 |
| -45° | 421.7 | 436.4 | 450.0 | 464.4 | 477.2 | 490.8 | 503.5 | 514.4 | 525.6 | 534.0 | 539.7 |
| -47.5° | 403.0 | 415.7 | 428.2 | 439.4 | 448.9 | 459.3 | 468.6 | 476.5 | 484.2 | 490.5 | 494.8 |
| -50° | 384.5 | 396.4 | 407.7 | 417.9 | 425.8 | 433.0 | 439.4 | 445.0 | 450.3 | 454.4 | 457.4 |
| -52.5° | 365.8 | 376.8 | 387.4 | 396.6 | 404.3 | 410.7 | 415.8 | 420.5 | 424.2 | 426.6 | 427.7 |
| -55° | 347.8 | 358.0 | 367.0 | 375.7 | 383.6 | 390.2 | 395.4 | 399.2 | 402.4 | 405.0 | 405.8 |
| -57.5° | 327.9 | 338.9 | 348.7 | 355.1 | 362.1 | 369.5 | 374.4 | 377.2 | 379.8 | 382.0 | 383.0 |
| -60° | 305.2 | 316.0 | 324.2 | 330.8 | 337.2 | 343.5 | 347.7 | 351.0 | 353.7 | 355.6 | 356.8 |
| -62.5° | 278.5 | 287.0 | 294.4 | 301.2 | 307.8 | 313.3 | 316.7 | 319.8 | 322.5 | 324.7 | 326.3 |
| -65° | 247.5 | 256.5 | 262.4 | 267.6 | 272.2 | 277.0 | 282.0 | 285.7 | 288.1 | 289.6 | 290.6 |
| -67.5° | 215.4 | 224.2 | 230.3 | 235.0 | 238.8 | 242.6 | 247.1 | 251.0 | 254.2 | 256.4 | 257.5 |
| -70° | 184.1 | 191.8 | 197.8 | 203.0 | 207.4 | 211.0 | 214.4 | 217.3 | 219.7 | 221.5 | 222.8 |
| -72.5° | 153.4 | 161.1 | 167.3 | 172.5 | 177.0 | 180.4 | 183.3 | 185.7 | 187.7 | 188.5 | 188.6 |
| -75° | 122.0 | 128.4 | 135.3 | 141.4 | 146.6 | 149.9 | 152.1 | 154.0 | 155.5 | 156.0 | 155.8 |
| -77.5° | 95.0 | 99.9 | 105.0 | 110.1 | 115.0 | 117.8 | 119.8 | 121.5 | 122.8 | 123.1 | 122.9 |
| -80° | 70.7 | 73.9 | 77.0 | 80.2 | 83.3 | 85.1 | 86.5 | 87.5 | 88.2 | 88.5 | 88.6 |
| -82.5° | 48.6 | 50.5 | 52.3 | 53.9 | 55.4 | 56.8 | 58.0 | 59.1 | 60.0 | 60.0 | 59.7 |
| -85° | 28.9 | 30.0 | 31.0 | 31.9 | 32.7 | 33.5 | 34.2 | 34.8 | 35.4 | 34.9 | 34.4 |
| -87.5° | 12.1 | 12.5 | 12.8 | 13.1 | 13.4 | 13.7 | 13.9 | 14.1 | 14.3 | 13.6 | 12.8 |
| -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: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-NR-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° | 11.9 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.9 | 12.8 | 13.6 | 14.3 | 14.1 |
| 85° | 33.8 | 33.0 | 33.2 | 33.2 | 33.2 | 33.0 | 33.8 | 34.4 | 34.9 | 35.4 | 34.8 |
| 82.5° | 59.3 | 58.7 | 58.9 | 59.0 | 58.9 | 58.7 | 59.3 | 59.7 | 60.0 | 60.0 | 59.1 |
| 80° | 88.5 | 88.2 | 86.7 | 84.9 | 86.7 | 88.2 | 88.5 | 88.6 | 88.5 | 88.2 | 87.5 |
| 77.5° | 122.3 | 121.2 | 119.8 | 118.1 | 119.8 | 121.2 | 122.3 | 122.9 | 123.1 | 122.8 | 121.5 |
| 75° | 155.3 | 154.4 | 154.8 | 155.0 | 154.8 | 154.4 | 155.3 | 155.8 | 156.0 | 155.5 | 154.0 |
| 72.5° | 188.3 | 187.5 | 188.0 | 188.2 | 188.0 | 187.5 | 188.3 | 188.6 | 188.5 | 187.7 | 185.7 |
| 70° | 223.6 | 224.1 | 223.1 | 221.4 | 223.1 | 224.1 | 223.6 | 222.8 | 221.5 | 219.7 | 217.3 |
| 67.5° | 257.8 | 257.4 | 256.3 | 254.6 | 256.3 | 257.4 | 257.8 | 257.5 | 256.4 | 254.2 | 251.0 |
| 65° | 290.9 | 290.5 | 291.1 | 291.5 | 291.1 | 290.5 | 290.9 | 290.6 | 289.6 | 288.1 | 285.7 |
| 62.5° | 327.2 | 327.2 | 326.4 | 324.7 | 326.4 | 327.2 | 327.2 | 326.3 | 324.7 | 322.5 | 319.8 |
| 60° | 357.3 | 357.0 | 356.0 | 354.2 | 356.0 | 357.0 | 357.3 | 356.8 | 355.6 | 353.7 | 351.0 |
| 57.5° | 383.3 | 383.0 | 381.8 | 380.0 | 381.8 | 383.0 | 383.3 | 383.0 | 382.0 | 379.8 | 377.2 |
| 55° | 405.9 | 405.4 | 404.1 | 402.2 | 404.1 | 405.4 | 405.9 | 405.8 | 405.0 | 402.4 | 399.2 |
| 52.5° | 428.0 | 427.5 | 427.6 | 428.0 | 427.6 | 427.5 | 428.0 | 427.7 | 426.6 | 424.2 | 420.5 |
| 50° | 459.3 | 459.9 | 459.3 | 457.5 | 459.3 | 459.9 | 459.3 | 457.4 | 454.4 | 450.3 | 445.0 |
| 47.5° | 496.8 | 497.1 | 496.2 | 494.4 | 496.2 | 497.1 | 496.8 | 494.8 | 490.5 | 484.2 | 476.5 |
| 45° | 544.2 | 546.9 | 547.6 | 546.1 | 547.6 | 546.9 | 544.2 | 539.7 | 534.0 | 525.6 | 514.4 |
| 42.5° | 608.3 | 612.5 | 613.7 | 612.5 | 613.7 | 612.5 | 608.3 | 600.5 | 590.5 | 578.1 | 564.8 |
| 40° | 692.4 | 697.2 | 698.1 | 697.4 | 698.1 | 697.2 | 692.4 | 682.0 | 665.2 | 644.1 | 624.1 |
| 37.5° | 808.8 | 820.4 | 825.9 | 826.5 | 825.9 | 820.4 | 808.8 | 790.5 | 764.5 | 730.5 | 701.7 |
| 35° | 980.5 | 1003.7 | 1016.1 | 1022.1 | 1016.1 | 1003.7 | 980.5 | 947.1 | 903.2 | 852.9 | 807.2 |
| 32.5° | 1248.3 | 1294.7 | 1320.4 | 1317.2 | 1320.4 | 1294.7 | 1248.3 | 1187.4 | 1106.9 | 1027.1 | 953.9 |
| 30° | 1685.7 | 1766.9 | 1807.7 | 1796.9 | 1807.7 | 1766.9 | 1685.7 | 1571.6 | 1420.1 | 1294.6 | 1164.8 |
| 27.5° | 2384.7 | 2531.4 | 2616.1 | 2605.0 | 2616.1 | 2531.4 | 2384.7 | 2184.9 | 1906.7 | 1709.5 | 1470.9 |
| 25° | 3510.9 | 3778.6 | 3949.9 | 3907.4 | 3949.9 | 3778.6 | 3510.9 | 3149.4 | 2716.9 | 2348.2 | 1928.4 |
| 22.5° | 5224.1 | 5677.5 | 5977.5 | 5940.5 | 5977.5 | 5677.5 | 5224.1 | 4597.3 | 3943.6 | 3286.3 | 2667.2 |
| 20° | 7574.1 | 8264.2 | 8756.9 | 8822.2 | 8756.9 | 8264.2 | 7574.1 | 6600.3 | 5640.0 | 4555.5 | 3671.1 |
| 17.5° | 10654.4 | 11748.7 | 12510.3 | 12637.4 | 12510.3 | 11748.7 | 10654.4 | 9159.0 | 7774.6 | 6215.4 | 4843.3 |
| 15° | 14657.9 | 16446.2 | 17740.5 | 17847.3 | 17740.5 | 16446.2 | 14657.9 | 12463.0 | 10338.4 | 8244.2 | 6182.4 |
| 12.5° | 20093.9 | 23690.8 | 26038.2 | 27071.7 | 26038.2 | 23690.8 | 20093.9 | 16656.5 | 13232.3 | 10327.6 | 7752.7 |
| 10° | 27617.1 | 35878.9 | 41170.0 | 43159.0 | 41170.0 | 35878.9 | 27617.1 | 22052.4 | 16749.7 | 12570.6 | 9247.6 |
| 7.5° | 40183.0 | 53154.4 | 67575.1 | 73721.3 | 67575.1 | 53154.4 | 40183.0 | 27903.1 | 20625.6 | 15107.0 | 10884.5 |
| 5° | 54413.0 | 81333.7 | 106940.1 | 116939.3 | 106940.1 | 81333.7 | 54413.0 | 37268.2 | 24944.7 | 17139.7 | 12045.6 |
| 2.5° | 69386.5 | 106910.1 | 142072.6 | 155823.8 | 142072.6 | 106910.1 | 69386.5 | 43291.7 | 27614.0 | 18457.1 | 12923.6 |
| 0° | 75234.1 | 118109.0 | 156796.1 | 172215.5 | 156796.1 | 118109.0 | 75234.1 | 44350.8 | 28237.7 | 19046.5 | 13323.7 |
| -2.5° | 69386.5 | 106910.1 | 142072.6 | 155823.8 | 142072.6 | 106910.1 | 69386.5 | 43291.7 | 27614.0 | 18457.1 | 12923.6 |
| -5° | 54413.0 | 81333.7 | 106940.1 | 116939.3 | 106940.1 | 81333.7 | 54413.0 | 37268.2 | 24944.7 | 17139.7 | 12045.6 |
| -7.5° | 40183.0 | 53154.4 | 67575.1 | 73721.3 | 67575.1 | 53154.4 | 40183.0 | 27903.1 | 20625.6 | 15107.0 | 10884.5 |
| -10° | 27617.1 | 35878.9 | 41170.0 | 43159.0 | 41170.0 | 35878.9 | 27617.1 | 22052.4 | 16749.7 | 12570.6 | 9247.6 |
| -12.5° | 20093.9 | 23690.8 | 26038.2 | 27071.7 | 26038.2 | 23690.8 | 20093.9 | 16656.5 | 13232.3 | 10327.6 | 7752.7 |
| -15° | 14657.9 | 16446.2 | 17740.5 | 17847.3 | 17740.5 | 16446.2 | 14657.9 | 12463.0 | 10338.4 | 8244.2 | 6182.4 |
| -17.5° | 10654.4 | 11748.7 | 12510.3 | 12637.4 | 12510.3 | 11748.7 | 10654.4 | 9159.0 | 7774.6 | 6215.4 | 4843.3 |
| -20° | 7574.1 | 8264.2 | 8756.9 | 8822.2 | 8756.9 | 8264.2 | 7574.1 | 6600.3 | 5640.0 | 4555.5 | 3671.1 |



REPORT NUMBER: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 5224.1 | 5677.5 | 5977.5 | 5940.5 | 5977.5 | 5677.5 | 5224.1 | 4597.3 | 3943.6 | 3286.3 | 2667.2 |
| -25° | 3510.9 | 3778.6 | 3949.9 | 3907.4 | 3949.9 | 3778.6 | 3510.9 | 3149.4 | 2716.9 | 2348.2 | 1928.4 |
| -27.5° | 2384.7 | 2531.4 | 2616.1 | 2605.0 | 2616.1 | 2531.4 | 2384.7 | 2184.9 | 1906.7 | 1709.5 | 1470.9 |
| -30° | 1685.7 | 1766.9 | 1807.7 | 1796.9 | 1807.7 | 1766.9 | 1685.7 | 1571.6 | 1420.1 | 1294.6 | 1164.8 |
| -32.5° | 1248.3 | 1294.7 | 1320.4 | 1317.2 | 1320.4 | 1294.7 | 1248.3 | 1187.4 | 1106.9 | 1027.1 | 953.9 |
| -35° | 980.5 | 1003.7 | 1016.1 | 1022.1 | 1016.1 | 1003.7 | 980.5 | 947.1 | 903.2 | 852.9 | 807.2 |
| -37.5° | 808.8 | 820.4 | 825.9 | 826.5 | 825.9 | 820.4 | 808.8 | 790.5 | 764.5 | 730.5 | 701.7 |
| -40° | 692.4 | 697.2 | 698.1 | 697.4 | 698.1 | 697.2 | 692.4 | 682.0 | 665.2 | 644.1 | 624.1 |
| -42.5° | 608.3 | 612.5 | 613.7 | 612.5 | 613.7 | 612.5 | 608.3 | 600.5 | 590.5 | 578.1 | 564.8 |
| -45° | 544.2 | 546.9 | 547.6 | 546.1 | 547.6 | 546.9 | 544.2 | 539.7 | 534.0 | 525.6 | 514.4 |
| -47.5° | 496.8 | 497.1 | 496.2 | 494.4 | 496.2 | 497.1 | 496.8 | 494.8 | 490.5 | 484.2 | 476.5 |
| -50° | 459.3 | 459.9 | 459.3 | 457.5 | 459.3 | 459.9 | 459.3 | 457.4 | 454.4 | 450.3 | 445.0 |
| -52.5° | 428.0 | 427.5 | 427.6 | 428.0 | 427.6 | 427.5 | 428.0 | 427.7 | 426.6 | 424.2 | 420.5 |
| -55° | 405.9 | 405.4 | 404.1 | 402.2 | 404.1 | 405.4 | 405.9 | 405.8 | 405.0 | 402.4 | 399.2 |
| -57.5° | 383.3 | 383.0 | 381.8 | 380.0 | 381.8 | 383.0 | 383.3 | 383.0 | 382.0 | 379.8 | 377.2 |
| -60° | 357.3 | 357.0 | 356.0 | 354.2 | 356.0 | 357.0 | 357.3 | 356.8 | 355.6 | 353.7 | 351.0 |
| -62.5° | 327.2 | 327.2 | 326.4 | 324.7 | 326.4 | 327.2 | 327.2 | 326.3 | 324.7 | 322.5 | 319.8 |
| -65° | 290.9 | 290.5 | 291.1 | 291.5 | 291.1 | 290.5 | 290.9 | 290.6 | 289.6 | 288.1 | 285.7 |
| -67.5° | 257.8 | 257.4 | 256.3 | 254.6 | 256.3 | 257.4 | 257.8 | 257.5 | 256.4 | 254.2 | 251.0 |
| -70° | 223.6 | 224.1 | 223.1 | 221.4 | 223.1 | 224.1 | 223.6 | 222.8 | 221.5 | 219.7 | 217.3 |
| -72.5° | 188.3 | 187.5 | 188.0 | 188.2 | 188.0 | 187.5 | 188.3 | 188.6 | 188.5 | 187.7 | 185.7 |
| -75° | 155.3 | 154.4 | 154.8 | 155.0 | 154.8 | 154.4 | 155.3 | 155.8 | 156.0 | 155.5 | 154.0 |
| -77.5° | 122.3 | 121.2 | 119.8 | 118.1 | 119.8 | 121.2 | 122.3 | 122.9 | 123.1 | 122.8 | 121.5 |
| -80° | 88.5 | 88.2 | 86.7 | 84.9 | 86.7 | 88.2 | 88.5 | 88.6 | 88.5 | 88.2 | 87.5 |
| -82.5° | 59.3 | 58.7 | 58.9 | 59.0 | 58.9 | 58.7 | 59.3 | 59.7 | 60.0 | 60.0 | 59.1 |
| -85° | 33.8 | 33.0 | 33.2 | 33.2 | 33.2 | 33.0 | 33.8 | 34.4 | 34.9 | 35.4 | 34.8 |
| -87.5° | 11.9 | 11.1 | 11.1 | 11.1 | 11.1 | 11.1 | 11.9 | 12.8 | 13.6 | 14.3 | 14.1 |
| -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: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-NR-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° | 13.9 | 13.7 | 13.4 | 13.1 | 12.8 | 12.5 | 12.1 | 11.7 | 11.3 | 10.9 | 10.5 |
| 85° | 34.2 | 33.5 | 32.7 | 31.9 | 31.0 | 30.0 | 28.9 | 27.2 | 25.5 | 23.9 | 22.4 |
| 82.5° | 58.0 | 56.8 | 55.4 | 53.9 | 52.3 | 50.5 | 48.6 | 46.0 | 43.2 | 40.0 | 36.8 |
| 80° | 86.5 | 85.1 | 83.3 | 80.2 | 77.0 | 73.9 | 70.7 | 67.6 | 64.4 | 61.0 | 57.5 |
| 77.5° | 119.8 | 117.8 | 115.0 | 110.1 | 105.0 | 99.9 | 95.0 | 90.9 | 86.8 | 82.6 | 78.1 |
| 75° | 152.1 | 149.9 | 146.6 | 141.4 | 135.3 | 128.4 | 122.0 | 116.8 | 111.3 | 105.5 | 99.5 |
| 72.5° | 183.3 | 180.4 | 177.0 | 172.5 | 167.3 | 161.1 | 153.4 | 145.1 | 137.2 | 129.7 | 122.5 |
| 70° | 214.4 | 211.0 | 207.4 | 203.0 | 197.8 | 191.8 | 184.1 | 174.8 | 164.2 | 153.9 | 146.1 |
| 67.5° | 247.1 | 242.6 | 238.8 | 235.0 | 230.3 | 224.2 | 215.4 | 205.7 | 195.3 | 183.3 | 172.3 |
| 65° | 282.0 | 277.0 | 272.2 | 267.6 | 262.4 | 256.5 | 247.5 | 236.8 | 225.5 | 213.5 | 201.0 |
| 62.5° | 316.7 | 313.3 | 307.8 | 301.2 | 294.4 | 287.0 | 278.5 | 268.1 | 255.8 | 241.9 | 228.2 |
| 60° | 347.7 | 343.5 | 337.2 | 330.8 | 324.2 | 316.0 | 305.2 | 295.6 | 287.4 | 271.6 | 255.1 |
| 57.5° | 374.4 | 369.5 | 362.1 | 355.1 | 348.7 | 338.9 | 327.9 | 317.1 | 306.4 | 295.6 | 281.4 |
| 55° | 395.4 | 390.2 | 383.6 | 375.7 | 367.0 | 358.0 | 347.8 | 336.3 | 325.0 | 315.0 | 301.9 |
| 52.5° | 415.8 | 410.7 | 404.3 | 396.6 | 387.4 | 376.8 | 365.8 | 354.2 | 343.7 | 333.4 | 321.6 |
| 50° | 439.4 | 433.0 | 425.8 | 417.9 | 407.7 | 396.4 | 384.5 | 372.1 | 361.3 | 350.8 | 339.7 |
| 47.5° | 468.6 | 459.3 | 448.9 | 439.4 | 428.2 | 415.7 | 403.0 | 390.6 | 378.7 | 366.4 | 355.2 |
| 45° | 503.5 | 490.8 | 477.2 | 464.4 | 450.0 | 436.4 | 421.7 | 408.7 | 396.0 | 382.7 | 368.9 |
| 42.5° | 547.8 | 528.6 | 510.9 | 493.4 | 475.5 | 459.1 | 442.4 | 427.3 | 412.9 | 398.7 | 383.8 |
| 40° | 601.9 | 576.2 | 552.8 | 527.0 | 505.0 | 483.7 | 464.6 | 445.7 | 429.7 | 414.3 | 397.9 |
| 37.5° | 668.6 | 634.9 | 602.9 | 569.5 | 540.2 | 512.2 | 488.3 | 466.5 | 445.7 | 428.9 | 411.6 |
| 35° | 754.0 | 708.0 | 662.1 | 620.5 | 580.8 | 546.3 | 514.5 | 488.3 | 464.6 | 442.9 | 424.7 |
| 32.5° | 869.3 | 804.2 | 734.5 | 681.1 | 628.7 | 583.4 | 545.5 | 512.2 | 483.7 | 459.1 | 437.3 |
| 30° | 1038.9 | 932.1 | 836.3 | 751.4 | 685.4 | 626.9 | 577.3 | 538.8 | 505.0 | 475.5 | 450.0 |
| 27.5° | 1282.0 | 1098.3 | 968.9 | 844.0 | 747.5 | 676.7 | 616.8 | 566.2 | 526.6 | 493.4 | 464.1 |
| 25° | 1626.5 | 1347.9 | 1123.2 | 960.1 | 828.9 | 728.3 | 657.9 | 599.2 | 550.6 | 510.7 | 475.5 |
| 22.5° | 2098.7 | 1676.9 | 1332.0 | 1084.7 | 922.7 | 797.6 | 702.5 | 631.8 | 572.6 | 525.8 | 487.5 |
| 20° | 2793.5 | 2069.3 | 1602.2 | 1262.9 | 1028.1 | 864.1 | 749.1 | 665.8 | 597.4 | 541.5 | 498.1 |
| 17.5° | 3618.1 | 2613.4 | 1897.9 | 1445.1 | 1151.4 | 949.3 | 803.0 | 697.1 | 619.9 | 555.3 | 506.7 |
| 15° | 4497.0 | 3230.0 | 2311.1 | 1688.4 | 1277.5 | 1022.3 | 847.8 | 724.8 | 641.3 | 570.4 | 517.3 |
| 12.5° | 5619.3 | 3894.8 | 2673.5 | 1891.4 | 1401.5 | 1101.8 | 899.9 | 760.0 | 662.4 | 586.7 | 528.4 |
| 10° | 6681.0 | 4588.0 | 3114.6 | 2158.8 | 1552.4 | 1179.9 | 946.2 | 787.0 | 678.7 | 599.6 | 537.4 |
| 7.5° | 7684.1 | 5254.5 | 3495.9 | 2362.3 | 1668.9 | 1242.0 | 980.5 | 806.5 | 690.4 | 608.7 | 544.3 |
| 5° | 8419.2 | 5750.6 | 3794.4 | 2519.4 | 1751.3 | 1286.9 | 1002.8 | 818.6 | 697.2 | 614.0 | 549.0 |
| 2.5° | 8978.5 | 6079.3 | 3976.0 | 2611.5 | 1798.3 | 1313.5 | 1016.2 | 827.9 | 704.0 | 618.4 | 554.2 |
| 0° | 9235.5 | 6206.2 | 4036.6 | 2660.3 | 1826.4 | 1320.9 | 1022.1 | 833.9 | 708.4 | 619.9 | 557.2 |
| -2.5° | 8978.5 | 6079.3 | 3976.0 | 2611.5 | 1798.3 | 1313.5 | 1016.2 | 827.9 | 704.0 | 618.4 | 554.2 |
| -5° | 8419.2 | 5750.6 | 3794.4 | 2519.4 | 1751.3 | 1286.9 | 1002.8 | 818.6 | 697.2 | 614.0 | 549.0 |
| -7.5° | 7684.1 | 5254.5 | 3495.9 | 2362.3 | 1668.9 | 1242.0 | 980.5 | 806.5 | 690.4 | 608.7 | 544.3 |
| -10° | 6681.0 | 4588.0 | 3114.6 | 2158.8 | 1552.4 | 1179.9 | 946.2 | 787.0 | 678.7 | 599.6 | 537.4 |
| -12.5° | 5619.3 | 3894.8 | 2673.5 | 1891.4 | 1401.5 | 1101.8 | 899.9 | 760.0 | 662.4 | 586.7 | 528.4 |
| -15° | 4497.0 | 3230.0 | 2311.1 | 1688.4 | 1277.5 | 1022.3 | 847.8 | 724.8 | 641.3 | 570.4 | 517.3 |
| -17.5° | 3618.1 | 2613.4 | 1897.9 | 1445.1 | 1151.4 | 949.3 | 803.0 | 697.1 | 619.9 | 555.3 | 506.7 |
| -20° | 2793.5 | 2069.3 | 1602.2 | 1262.9 | 1028.1 | 864.1 | 749.1 | 665.8 | 597.4 | 541.5 | 498.1 |



REPORT NUMBER: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 2098.7 | 1676.9 | 1332.0 | 1084.7 | 922.7 | 797.6 | 702.5 | 631.8 | 572.6 | 525.8 | 487.5 |
| -25° | 1626.5 | 1347.9 | 1123.2 | 960.1 | 828.9 | 728.3 | 657.9 | 599.2 | 550.6 | 510.7 | 475.5 |
| -27.5° | 1282.0 | 1098.3 | 968.9 | 844.0 | 747.5 | 676.7 | 616.8 | 566.2 | 526.6 | 493.4 | 464.1 |
| -30° | 1038.9 | 932.1 | 836.3 | 751.4 | 685.4 | 626.9 | 577.3 | 538.8 | 505.0 | 475.5 | 450.0 |
| -32.5° | 869.3 | 804.2 | 734.5 | 681.1 | 628.7 | 583.4 | 545.5 | 512.2 | 483.7 | 459.1 | 437.3 |
| -35° | 754.0 | 708.0 | 662.1 | 620.5 | 580.8 | 546.3 | 514.5 | 488.3 | 464.6 | 442.9 | 424.7 |
| -37.5° | 668.6 | 634.9 | 602.9 | 569.5 | 540.2 | 512.2 | 488.3 | 466.5 | 445.7 | 428.9 | 411.6 |
| -40° | 601.9 | 576.2 | 552.8 | 527.0 | 505.0 | 483.7 | 464.6 | 445.7 | 429.7 | 414.3 | 397.9 |
| -42.5° | 547.8 | 528.6 | 510.9 | 493.4 | 475.5 | 459.1 | 442.4 | 427.3 | 412.9 | 398.7 | 383.8 |
| -45° | 503.5 | 490.8 | 477.2 | 464.4 | 450.0 | 436.4 | 421.7 | 408.7 | 396.0 | 382.7 | 368.9 |
| -47.5° | 468.6 | 459.3 | 448.9 | 439.4 | 428.2 | 415.7 | 403.0 | 390.6 | 378.7 | 366.4 | 355.2 |
| -50° | 439.4 | 433.0 | 425.8 | 417.9 | 407.7 | 396.4 | 384.5 | 372.1 | 361.3 | 350.8 | 339.7 |
| -52.5° | 415.8 | 410.7 | 404.3 | 396.6 | 387.4 | 376.8 | 365.8 | 354.2 | 343.7 | 333.4 | 321.6 |
| -55° | 395.4 | 390.2 | 383.6 | 375.7 | 367.0 | 358.0 | 347.8 | 336.3 | 325.0 | 315.0 | 301.9 |
| -57.5° | 374.4 | 369.5 | 362.1 | 355.1 | 348.7 | 338.9 | 327.9 | 317.1 | 306.4 | 295.6 | 281.4 |
| -60° | 347.7 | 343.5 | 337.2 | 330.8 | 324.2 | 316.0 | 305.2 | 295.6 | 287.4 | 271.6 | 255.1 |
| -62.5° | 316.7 | 313.3 | 307.8 | 301.2 | 294.4 | 287.0 | 278.5 | 268.1 | 255.8 | 241.9 | 228.2 |
| -65° | 282.0 | 277.0 | 272.2 | 267.6 | 262.4 | 256.5 | 247.5 | 236.8 | 225.5 | 213.5 | 201.0 |
| -67.5° | 247.1 | 242.6 | 238.8 | 235.0 | 230.3 | 224.2 | 215.4 | 205.7 | 195.3 | 183.3 | 172.3 |
| -70° | 214.4 | 211.0 | 207.4 | 203.0 | 197.8 | 191.8 | 184.1 | 174.8 | 164.2 | 153.9 | 146.1 |
| -72.5° | 183.3 | 180.4 | 177.0 | 172.5 | 167.3 | 161.1 | 153.4 | 145.1 | 137.2 | 129.7 | 122.5 |
| -75° | 152.1 | 149.9 | 146.6 | 141.4 | 135.3 | 128.4 | 122.0 | 116.8 | 111.3 | 105.5 | 99.5 |
| -77.5° | 119.8 | 117.8 | 115.0 | 110.1 | 105.0 | 99.9 | 95.0 | 90.9 | 86.8 | 82.6 | 78.1 |
| -80° | 86.5 | 85.1 | 83.3 | 80.2 | 77.0 | 73.9 | 70.7 | 67.6 | 64.4 | 61.0 | 57.5 |
| -82.5° | 58.0 | 56.8 | 55.4 | 53.9 | 52.3 | 50.5 | 48.6 | 46.0 | 43.2 | 40.0 | 36.8 |
| -85° | 34.2 | 33.5 | 32.7 | 31.9 | 31.0 | 30.0 | 28.9 | 27.2 | 25.5 | 23.9 | 22.4 |
| -87.5° | 13.9 | 13.7 | 13.4 | 13.1 | 12.8 | 12.5 | 12.1 | 11.7 | 11.3 | 10.9 | 10.5 |
| -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: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-722-U-NR-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° | 10.0 | 9.5 | 9.0 | 8.5 | 8.0 | 7.4 | 6.8 | 6.3 | 5.7 | 5.1 | 4.4 |
| 85° | 21.6 | 20.6 | 19.4 | 18.0 | 16.4 | 14.8 | 13.7 | 12.5 | 11.3 | 10.1 | 8.9 |
| 82.5° | 34.9 | 33.6 | 32.3 | 30.7 | 28.3 | 25.8 | 23.2 | 20.7 | 18.0 | 15.3 | 13.3 |
| 80° | 54.0 | 50.7 | 47.5 | 44.3 | 40.5 | 36.7 | 33.4 | 29.9 | 26.4 | 22.8 | 19.2 |
| 77.5° | 73.4 | 68.6 | 63.5 | 58.9 | 54.2 | 49.4 | 44.5 | 39.5 | 34.7 | 30.2 | 25.7 |
| 75° | 93.1 | 87.2 | 81.2 | 74.9 | 68.5 | 62.0 | 56.1 | 50.1 | 44.0 | 37.7 | 32.2 |
| 72.5° | 115.1 | 107.4 | 99.5 | 91.4 | 83.9 | 76.2 | 68.4 | 60.6 | 53.5 | 46.2 | 38.8 |
| 70° | 138.0 | 128.5 | 119.1 | 110.0 | 100.4 | 90.4 | 81.4 | 72.3 | 62.9 | 54.6 | 46.2 |
| 67.5° | 161.9 | 152.3 | 141.1 | 129.1 | 118.3 | 107.0 | 94.8 | 84.0 | 73.6 | 62.9 | 53.5 |
| 65° | 188.2 | 176.1 | 164.5 | 150.6 | 137.0 | 123.8 | 110.6 | 96.4 | 84.0 | 72.3 | 60.6 |
| 62.5° | 213.9 | 199.3 | 185.4 | 171.1 | 156.2 | 141.1 | 126.2 | 110.2 | 94.7 | 81.4 | 68.4 |
| 60° | 239.3 | 223.2 | 205.9 | 189.7 | 174.1 | 158.2 | 141.3 | 123.7 | 106.6 | 90.4 | 76.2 |
| 57.5° | 263.5 | 246.5 | 227.0 | 208.0 | 190.5 | 173.8 | 155.8 | 136.7 | 118.2 | 100.2 | 83.9 |
| 55° | 286.0 | 267.1 | 246.8 | 226.1 | 206.5 | 188.2 | 169.5 | 149.3 | 129.3 | 110.0 | 91.2 |
| 52.5° | 306.7 | 286.9 | 265.3 | 243.4 | 221.9 | 202.0 | 182.2 | 161.3 | 140.0 | 119.4 | 99.2 |
| 50° | 326.0 | 306.6 | 283.6 | 260.2 | 236.6 | 215.6 | 194.8 | 172.8 | 150.2 | 128.4 | 106.9 |
| 47.5° | 342.6 | 324.3 | 302.1 | 276.7 | 251.6 | 229.0 | 207.2 | 184.1 | 159.9 | 136.9 | 114.4 |
| 45° | 356.3 | 340.7 | 319.3 | 293.7 | 266.9 | 242.9 | 219.3 | 195.2 | 169.9 | 145.1 | 121.6 |
| 42.5° | 369.0 | 354.4 | 335.1 | 310.4 | 282.5 | 256.6 | 231.1 | 205.9 | 179.5 | 153.0 | 128.5 |
| 40° | 381.9 | 366.5 | 349.8 | 324.9 | 297.2 | 269.7 | 243.1 | 216.4 | 188.8 | 160.8 | 135.1 |
| 37.5° | 394.0 | 378.0 | 361.1 | 338.4 | 310.4 | 282.1 | 254.5 | 226.5 | 197.5 | 168.5 | 141.3 |
| 35° | 406.2 | 388.3 | 370.9 | 349.0 | 321.9 | 293.3 | 265.3 | 236.2 | 205.7 | 175.7 | 147.1 |
| 32.5° | 417.9 | 397.8 | 379.0 | 357.7 | 332.4 | 303.4 | 275.0 | 244.7 | 213.4 | 182.3 | 152.6 |
| 30° | 428.6 | 406.8 | 386.9 | 366.1 | 341.4 | 312.3 | 283.2 | 252.4 | 220.5 | 188.3 | 157.8 |
| 27.5° | 437.1 | 414.2 | 394.4 | 373.2 | 348.5 | 320.2 | 290.4 | 259.3 | 227.1 | 193.9 | 162.7 |
| 25° | 445.6 | 421.1 | 400.3 | 379.7 | 355.2 | 328.2 | 297.1 | 265.4 | 232.9 | 199.2 | 167.1 |
| 22.5° | 455.1 | 427.5 | 405.0 | 385.9 | 362.1 | 335.9 | 303.5 | 270.7 | 237.8 | 204.0 | 171.0 |
| 20° | 463.4 | 433.0 | 408.6 | 390.8 | 367.5 | 341.7 | 309.5 | 275.5 | 242.1 | 208.2 | 174.4 |
| 17.5° | 470.8 | 438.9 | 413.2 | 393.7 | 371.8 | 346.6 | 315.1 | 279.8 | 245.8 | 211.8 | 177.4 |
| 15° | 478.4 | 445.1 | 417.3 | 396.1 | 375.2 | 350.7 | 320.2 | 283.5 | 248.7 | 214.9 | 180.0 |
| 12.5° | 485.2 | 450.1 | 420.6 | 397.9 | 377.8 | 354.1 | 324.7 | 286.5 | 251.0 | 217.5 | 182.4 |
| 10° | 490.9 | 454.0 | 423.1 | 399.1 | 379.7 | 356.6 | 328.5 | 289.4 | 253.4 | 219.5 | 184.4 |
| 7.5° | 495.3 | 456.7 | 424.7 | 399.8 | 380.9 | 358.7 | 331.7 | 292.8 | 255.5 | 220.9 | 186.0 |
| 5° | 498.6 | 458.8 | 427.1 | 402.1 | 382.5 | 360.3 | 334.0 | 295.6 | 257.0 | 221.6 | 187.2 |
| 2.5° | 501.0 | 460.6 | 429.8 | 404.3 | 383.4 | 361.3 | 335.4 | 297.6 | 258.0 | 221.8 | 188.0 |
| 0° | 501.8 | 461.2 | 431.7 | 405.9 | 383.7 | 361.6 | 335.8 | 298.9 | 258.3 | 221.4 | 188.2 |
| -2.5° | 501.0 | 460.6 | 429.8 | 404.3 | 383.4 | 361.3 | 335.4 | 297.6 | 258.0 | 221.8 | 188.0 |
| -5° | 498.6 | 458.8 | 427.1 | 402.1 | 382.5 | 360.3 | 334.0 | 295.6 | 257.0 | 221.6 | 187.2 |
| -7.5° | 495.3 | 456.7 | 424.7 | 399.8 | 380.9 | 358.7 | 331.7 | 292.8 | 255.5 | 220.9 | 186.0 |
| -10° | 490.9 | 454.0 | 423.1 | 399.1 | 379.7 | 356.6 | 328.5 | 289.4 | 253.4 | 219.5 | 184.4 |
| -12.5° | 485.2 | 450.1 | 420.6 | 397.9 | 377.8 | 354.1 | 324.7 | 286.5 | 251.0 | 217.5 | 182.4 |
| -15° | 478.4 | 445.1 | 417.3 | 396.1 | 375.2 | 350.7 | 320.2 | 283.5 | 248.7 | 214.9 | 180.0 |
| -17.5° | 470.8 | 438.9 | 413.2 | 393.7 | 371.8 | 346.6 | 315.1 | 279.8 | 245.8 | 211.8 | 177.4 |
| -20° | 463.4 | 433.0 | 408.6 | 390.8 | 367.5 | 341.7 | 309.5 | 275.5 | 242.1 | 208.2 | 174.4 |



REPORT NUMBER: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 455.1 | 427.5 | 405.0 | 385.9 | 362.1 | 335.9 | 303.5 | 270.7 | 237.8 | 204.0 | 171.0 |
| -25° | 445.6 | 421.1 | 400.3 | 379.7 | 355.2 | 328.2 | 297.1 | 265.4 | 232.9 | 199.2 | 167.1 |
| -27.5° | 437.1 | 414.2 | 394.4 | 373.2 | 348.5 | 320.2 | 290.4 | 259.3 | 227.1 | 193.9 | 162.7 |
| -30° | 428.6 | 406.8 | 386.9 | 366.1 | 341.4 | 312.3 | 283.2 | 252.4 | 220.5 | 188.3 | 157.8 |
| -32.5° | 417.9 | 397.8 | 379.0 | 357.7 | 332.4 | 303.4 | 275.0 | 244.7 | 213.4 | 182.3 | 152.6 |
| -35° | 406.2 | 388.3 | 370.9 | 349.0 | 321.9 | 293.3 | 265.3 | 236.2 | 205.7 | 175.7 | 147.1 |
| -37.5° | 394.0 | 378.0 | 361.1 | 338.4 | 310.4 | 282.1 | 254.5 | 226.5 | 197.5 | 168.5 | 141.3 |
| -40° | 381.9 | 366.5 | 349.8 | 324.9 | 297.2 | 269.7 | 243.1 | 216.4 | 188.8 | 160.8 | 135.1 |
| -42.5° | 369.0 | 354.4 | 335.1 | 310.4 | 282.5 | 256.6 | 231.1 | 205.9 | 179.5 | 153.0 | 128.5 |
| -45° | 356.3 | 340.7 | 319.3 | 293.7 | 266.9 | 242.9 | 219.3 | 195.2 | 169.9 | 145.1 | 121.6 |
| -47.5° | 342.6 | 324.3 | 302.1 | 276.7 | 251.6 | 229.0 | 207.2 | 184.1 | 159.9 | 136.9 | 114.4 |
| -50° | 326.0 | 306.6 | 283.6 | 260.2 | 236.6 | 215.6 | 194.8 | 172.8 | 150.2 | 128.4 | 106.9 |
| -52.5° | 306.7 | 286.9 | 265.3 | 243.4 | 221.9 | 202.0 | 182.2 | 161.3 | 140.0 | 119.4 | 99.2 |
| -55° | 286.0 | 267.1 | 246.8 | 226.1 | 206.5 | 188.2 | 169.5 | 149.3 | 129.3 | 110.0 | 91.2 |
| -57.5° | 263.5 | 246.5 | 227.0 | 208.0 | 190.5 | 173.8 | 155.8 | 136.7 | 118.2 | 100.2 | 83.9 |
| -60° | 239.3 | 223.2 | 205.9 | 189.7 | 174.1 | 158.2 | 141.3 | 123.7 | 106.6 | 90.4 | 76.2 |
| -62.5° | 213.9 | 199.3 | 185.4 | 171.1 | 156.2 | 141.1 | 126.2 | 110.2 | 94.7 | 81.4 | 68.4 |
| -65° | 188.2 | 176.1 | 164.5 | 150.6 | 137.0 | 123.8 | 110.6 | 96.4 | 84.0 | 72.3 | 60.6 |
| -67.5° | 161.9 | 152.3 | 141.1 | 129.1 | 118.3 | 107.0 | 94.8 | 84.0 | 73.6 | 62.9 | 53.5 |
| -70° | 138.0 | 128.5 | 119.1 | 110.0 | 100.4 | 90.4 | 81.4 | 72.3 | 62.9 | 54.6 | 46.2 |
| -72.5° | 115.1 | 107.4 | 99.5 | 91.4 | 83.9 | 76.2 | 68.4 | 60.6 | 53.5 | 46.2 | 38.8 |
| -75° | 93.1 | 87.2 | 81.2 | 74.9 | 68.5 | 62.0 | 56.1 | 50.1 | 44.0 | 37.7 | 32.2 |
| -77.5° | 73.4 | 68.6 | 63.5 | 58.9 | 54.2 | 49.4 | 44.5 | 39.5 | 34.7 | 30.2 | 25.7 |
| -80° | 54.0 | 50.7 | 47.5 | 44.3 | 40.5 | 36.7 | 33.4 | 29.9 | 26.4 | 22.8 | 19.2 |
| -82.5° | 34.9 | 33.6 | 32.3 | 30.7 | 28.3 | 25.8 | 23.2 | 20.7 | 18.0 | 15.3 | 13.3 |
| -85° | 21.6 | 20.6 | 19.4 | 18.0 | 16.4 | 14.8 | 13.7 | 12.5 | 11.3 | 10.1 | 8.9 |
| -87.5° | 10.0 | 9.5 | 9.0 | 8.5 | 8.0 | 7.4 | 6.8 | 6.3 | 5.7 | 5.1 | 4.4 |
| -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: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-NR-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° | 3.8 | 3.2 | 2.6 | 1.9 | 1.3 | 0.6 | 0.0 |
| 85° | 7.7 | 6.4 | 5.1 | 3.9 | 2.6 | 1.1 | 0.0 |
| 82.5° | 11.5 | 9.6 | 7.7 | 5.8 | 3.9 | 1.7 | 0.0 |
| 80° | 15.5 | 12.8 | 10.2 | 7.7 | 5.1 | 2.2 | 0.0 |
| 77.5° | 21.1 | 16.4 | 12.8 | 9.6 | 6.4 | 2.8 | 0.0 |
| 75° | 26.6 | 20.8 | 15.4 | 11.5 | 7.6 | 3.3 | 0.0 |
| 72.5° | 32.0 | 25.1 | 18.8 | 13.3 | 8.8 | 3.9 | 0.0 |
| 70° | 37.4 | 29.4 | 22.1 | 15.2 | 10.0 | 4.4 | 0.0 |
| 67.5° | 43.6 | 33.6 | 25.3 | 17.6 | 11.1 | 4.9 | 0.0 |
| 65° | 49.6 | 38.1 | 28.4 | 19.9 | 12.2 | 5.4 | 0.0 |
| 62.5° | 55.5 | 43.1 | 31.5 | 22.1 | 13.3 | 5.9 | 0.0 |
| 60° | 61.3 | 47.9 | 34.4 | 24.2 | 14.3 | 6.3 | 0.0 |
| 57.5° | 67.7 | 52.6 | 38.1 | 26.3 | 15.6 | 6.8 | 0.0 |
| 55° | 74.0 | 57.2 | 41.8 | 28.3 | 16.9 | 7.2 | 0.0 |
| 52.5° | 80.1 | 61.7 | 45.3 | 30.2 | 18.2 | 7.6 | 0.0 |
| 50° | 86.0 | 66.6 | 48.7 | 32.1 | 19.4 | 8.0 | 0.0 |
| 47.5° | 91.8 | 71.3 | 52.0 | 34.0 | 20.6 | 8.4 | 0.0 |
| 45° | 97.9 | 75.9 | 55.2 | 36.4 | 21.8 | 8.8 | 0.0 |
| 42.5° | 103.8 | 80.2 | 58.2 | 38.6 | 22.9 | 9.1 | 0.0 |
| 40° | 109.4 | 84.3 | 61.2 | 40.8 | 24.0 | 9.4 | 0.0 |
| 37.5° | 114.7 | 88.2 | 64.4 | 42.9 | 25.0 | 9.7 | 0.0 |
| 35° | 119.7 | 92.2 | 67.3 | 44.9 | 26.0 | 10.0 | 0.0 |
| 32.5° | 124.4 | 96.1 | 70.1 | 46.8 | 26.9 | 10.2 | 0.0 |
| 30° | 128.8 | 99.8 | 72.6 | 48.6 | 27.8 | 10.4 | 0.0 |
| 27.5° | 132.8 | 103.1 | 75.1 | 50.2 | 28.6 | 10.6 | 0.0 |
| 25° | 136.5 | 106.2 | 77.4 | 51.7 | 29.3 | 10.8 | 0.0 |
| 22.5° | 139.8 | 108.9 | 79.5 | 53.1 | 30.0 | 10.9 | 0.0 |
| 20° | 142.8 | 111.3 | 81.4 | 54.3 | 30.7 | 11.0 | 0.0 |
| 17.5° | 145.3 | 113.3 | 83.1 | 55.4 | 31.3 | 11.1 | 0.0 |
| 15° | 147.3 | 115.0 | 84.5 | 56.3 | 31.8 | 11.2 | 0.0 |
| 12.5° | 148.9 | 116.3 | 85.8 | 57.2 | 32.2 | 11.2 | 0.0 |
| 10° | 150.2 | 117.3 | 86.8 | 57.8 | 32.5 | 11.2 | 0.0 |
| 7.5° | 151.0 | 118.0 | 87.6 | 58.3 | 32.8 | 11.2 | 0.0 |
| 5° | 151.5 | 118.3 | 88.1 | 58.7 | 33.0 | 11.2 | 0.0 |
| 2.5° | 151.6 | 118.4 | 88.5 | 58.9 | 33.2 | 11.2 | 0.0 |
| 0° | 151.3 | 118.1 | 88.6 | 59.0 | 33.2 | 11.1 | 0.0 |
| -2.5° | 151.6 | 118.4 | 88.5 | 58.9 | 33.2 | 11.2 | 0.0 |
| -5° | 151.5 | 118.3 | 88.1 | 58.7 | 33.0 | 11.2 | 0.0 |
| -7.5° | 151.0 | 118.0 | 87.6 | 58.3 | 32.8 | 11.2 | 0.0 |
| -10° | 150.2 | 117.3 | 86.8 | 57.8 | 32.5 | 11.2 | 0.0 |
| -12.5° | 148.9 | 116.3 | 85.8 | 57.2 | 32.2 | 11.2 | 0.0 |
| -15° | 147.3 | 115.0 | 84.5 | 56.3 | 31.8 | 11.2 | 0.0 |
| -17.5° | 145.3 | 113.3 | 83.1 | 55.4 | 31.3 | 11.1 | 0.0 |
| -20° | 142.8 | 111.3 | 81.4 | 54.3 | 30.7 | 11.0 | 0.0 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627249 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-722-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 139.8 | 108.9 | 79.5 | 53.1 | 30.0 | 10.9 | 0.0 |
| -25° | 136.5 | 106.2 | 77.4 | 51.7 | 29.3 | 10.8 | 0.0 |
| -27.5° | 132.8 | 103.1 | 75.1 | 50.2 | 28.6 | 10.6 | 0.0 |
| -30° | 128.8 | 99.8 | 72.6 | 48.6 | 27.8 | 10.4 | 0.0 |
| -32.5° | 124.4 | 96.1 | 70.1 | 46.8 | 26.9 | 10.2 | 0.0 |
| -35° | 119.7 | 92.2 | 67.3 | 44.9 | 26.0 | 10.0 | 0.0 |
| -37.5° | 114.7 | 88.2 | 64.4 | 42.9 | 25.0 | 9.7 | 0.0 |
| -40° | 109.4 | 84.3 | 61.2 | 40.8 | 24.0 | 9.4 | 0.0 |
| -42.5° | 103.8 | 80.2 | 58.2 | 38.6 | 22.9 | 9.1 | 0.0 |
| -45° | 97.9 | 75.9 | 55.2 | 36.4 | 21.8 | 8.8 | 0.0 |
| -47.5° | 91.8 | 71.3 | 52.0 | 34.0 | 20.6 | 8.4 | 0.0 |
| -50° | 86.0 | 66.6 | 48.7 | 32.1 | 19.4 | 8.0 | 0.0 |
| -52.5° | 80.1 | 61.7 | 45.3 | 30.2 | 18.2 | 7.6 | 0.0 |
| -55° | 74.0 | 57.2 | 41.8 | 28.3 | 16.9 | 7.2 | 0.0 |
| -57.5° | 67.7 | 52.6 | 38.1 | 26.3 | 15.6 | 6.8 | 0.0 |
| -60° | 61.3 | 47.9 | 34.4 | 24.2 | 14.3 | 6.3 | 0.0 |
| -62.5° | 55.5 | 43.1 | 31.5 | 22.1 | 13.3 | 5.9 | 0.0 |
| -65° | 49.6 | 38.1 | 28.4 | 19.9 | 12.2 | 5.4 | 0.0 |
| -67.5° | 43.6 | 33.6 | 25.3 | 17.6 | 11.1 | 4.9 | 0.0 |
| -70° | 37.4 | 29.4 | 22.1 | 15.2 | 10.0 | 4.4 | 0.0 |
| -72.5° | 32.0 | 25.1 | 18.8 | 13.3 | 8.8 | 3.9 | 0.0 |
| -75° | 26.6 | 20.8 | 15.4 | 11.5 | 7.6 | 3.3 | 0.0 |
| -77.5° | 21.1 | 16.4 | 12.8 | 9.6 | 6.4 | 2.8 | 0.0 |
| -80° | 15.5 | 12.8 | 10.2 | 7.7 | 5.1 | 2.2 | 0.0 |
| -82.5° | 11.5 | 9.6 | 7.7 | 5.8 | 3.9 | 1.7 | 0.0 |
| -85° | 7.7 | 6.4 | 5.1 | 3.9 | 2.6 | 1.1 | 0.0 |
| -87.5° | 3.8 | 3.2 | 2.6 | 1.9 | 1.3 | 0.6 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)