

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: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627109 (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-SA3B-740-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N73
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

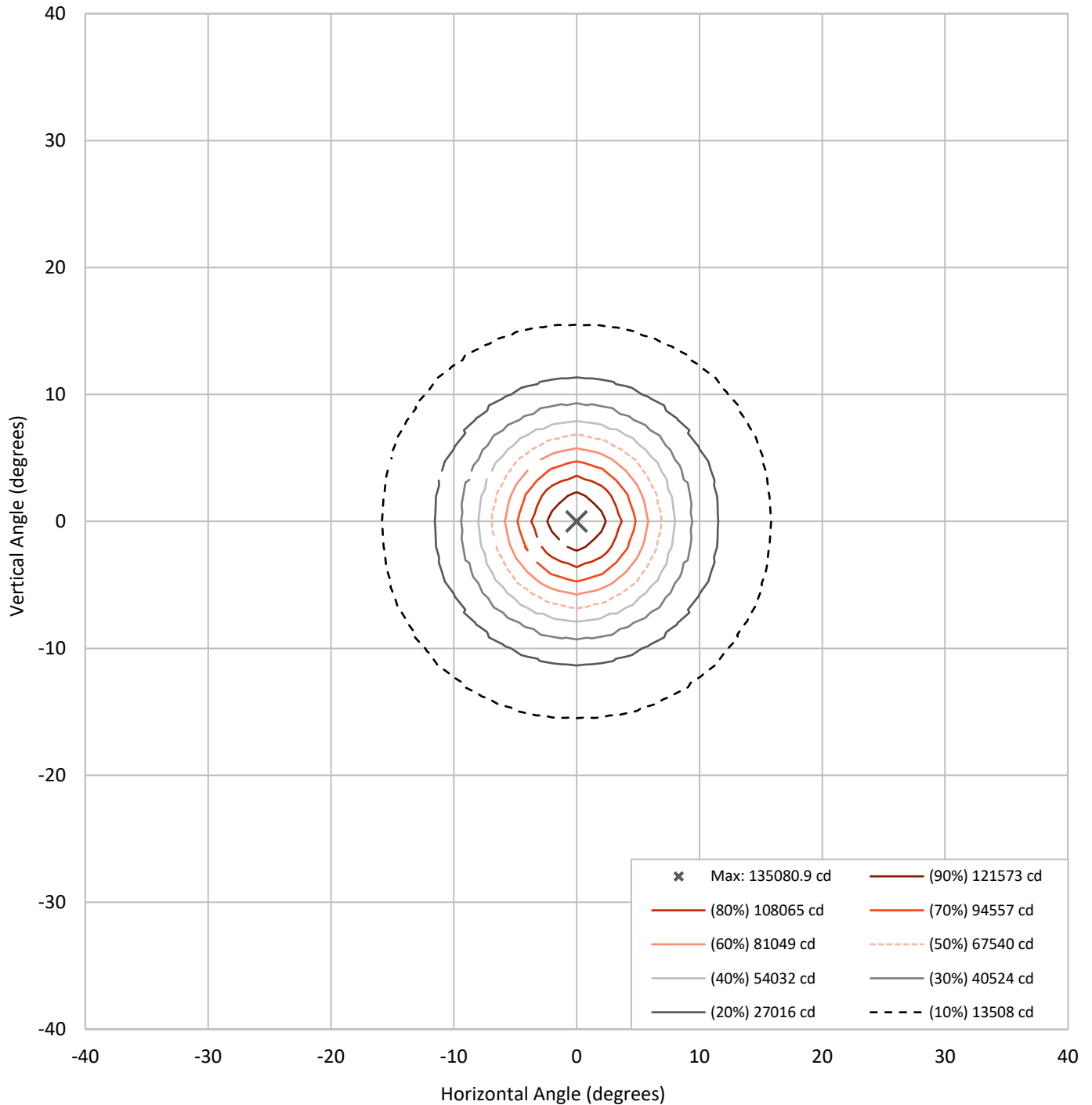
Summary

| | | | |
|-----------------------------------|--|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 14343.6 lumens | Max Intensity: | 135080.9 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 153.1 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: | 4240.8 lumens | Field Lumens: | 9543.5 lumens |
| Beam Efficiency: | 29.6% | Field Efficiency: | 66.5% |
| Input Watts (W): | 93.7 | | |
| 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: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3B-740-U-NR-XX

Iso-Candela Plot





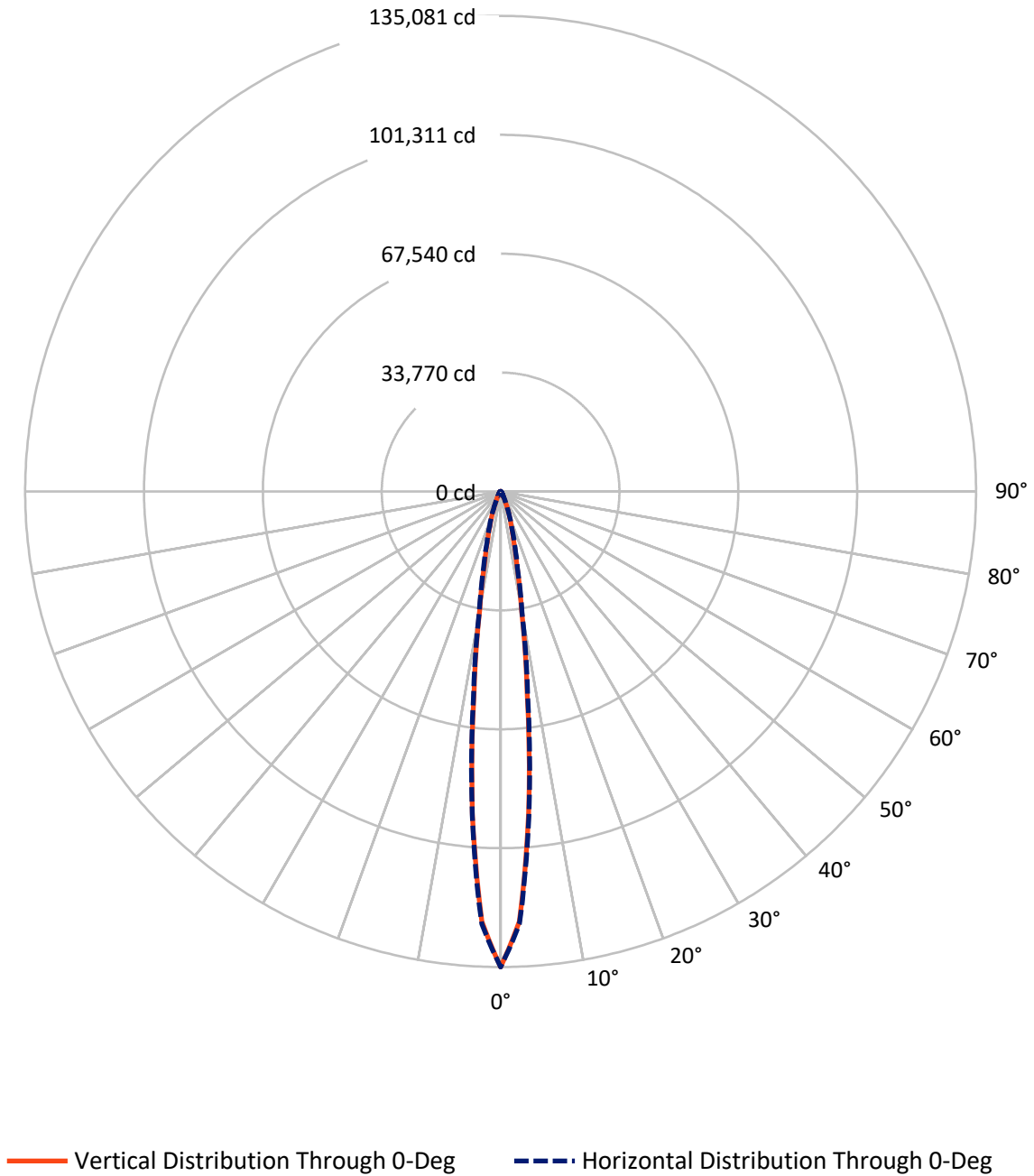
REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|--------|--------|-------|------|------|-----|-----|-----|-----|
| 90 | 0.2 | 2.0 | 5.2 | 8.3 | 9.1 | 8.3 | 5.2 | 2.0 | 0.2 | | | | | | | |
| 80 | 0.2 | 2.0 | 5.2 | 8.3 | 9.1 | 8.3 | 5.2 | 2.0 | 0.2 | | | | | | | |
| 70 | 0.9 | 1.0 | 2.1 | 3.4 | 4.8 | 5.9 | 6.6 | 6.9 | 6.9 | 6.6 | 5.9 | 4.8 | 3.4 | 2.1 | 1.0 | 0.9 |
| 60 | | 1.5 | 3.1 | 5.1 | 6.8 | 8.3 | 9.3 | 9.6 | 9.6 | 9.3 | 8.3 | 6.8 | 5.1 | 3.1 | 1.5 | |
| 50 | 1.6 | 2.0 | 4.0 | 6.2 | 8.3 | 10.4 | 12.3 | 13.2 | 13.2 | 12.3 | 10.4 | 8.3 | 6.2 | 4.0 | 2.0 | 1.6 |
| 40 | | 2.4 | 4.7 | 7.2 | 10.2 | 14.7 | 20.7 | 25.6 | 25.6 | 20.7 | 14.7 | 10.2 | 7.2 | 4.7 | 2.4 | |
| 30 | 2.0 | 2.7 | 5.2 | 8.1 | 13.2 | 26.2 | 59.7 | 98.8 | 98.8 | 59.7 | 26.2 | 13.2 | 8.1 | 5.2 | 2.7 | 2.0 |
| 20 | | 2.9 | 5.4 | 8.9 | 17.5 | 55.6 | 197.6 | 425.6 | 425.6 | 197.6 | 55.6 | 17.5 | 8.9 | 5.4 | 2.9 | |
| 10 | 2.2 | 3.0 | 5.6 | 9.5 | 21.2 | 91.7 | 429.6 | 1855.7 | 1855.7 | 429.6 | 91.7 | 21.2 | 9.5 | 5.6 | 3.0 | 2.2 |
| 0 | | 3.0 | 5.6 | 9.5 | 21.2 | 91.7 | 429.6 | 1855.7 | 1855.7 | 429.6 | 91.7 | 21.2 | 9.5 | 5.6 | 3.0 | |
| -10 | 2.0 | 2.9 | 5.4 | 8.9 | 17.5 | 55.6 | 197.6 | 425.6 | 425.6 | 197.6 | 55.6 | 17.5 | 8.9 | 5.4 | 2.9 | 2.0 |
| -20 | | 2.7 | 5.2 | 8.1 | 13.2 | 26.2 | 59.7 | 98.8 | 98.8 | 59.7 | 26.2 | 13.2 | 8.1 | 5.2 | 2.7 | |
| -30 | 1.6 | 2.4 | 4.7 | 7.2 | 10.2 | 14.7 | 20.7 | 25.6 | 25.6 | 20.7 | 14.7 | 10.2 | 7.2 | 4.7 | 2.4 | 1.6 |
| -40 | | 2.0 | 4.0 | 6.2 | 8.3 | 10.4 | 12.3 | 13.2 | 13.2 | 12.3 | 10.4 | 8.3 | 6.2 | 4.0 | 2.0 | |
| -50 | 0.9 | 1.5 | 3.1 | 5.1 | 6.8 | 8.3 | 9.3 | 9.6 | 9.6 | 9.3 | 8.3 | 6.8 | 5.1 | 3.1 | 1.5 | 0.9 |
| -60 | | 1.0 | 2.1 | 3.4 | 4.8 | 5.9 | 6.6 | 6.9 | 6.9 | 6.6 | 5.9 | 4.8 | 3.4 | 2.1 | 1.0 | |
| -70 | 0.2 | 2.0 | 5.2 | 8.3 | 9.1 | 8.3 | 5.2 | 2.0 | 0.2 | | | | | | | |
| -80 | | 0.2 | 2.0 | 5.2 | 8.3 | 9.1 | 8.3 | 5.2 | 2.0 | 0.2 | | | | | | |
| -90 | 0.2 | 2.0 | 5.2 | 8.3 | 9.1 | 8.3 | 5.2 | 2.0 | 0.2 | | | | | | | |

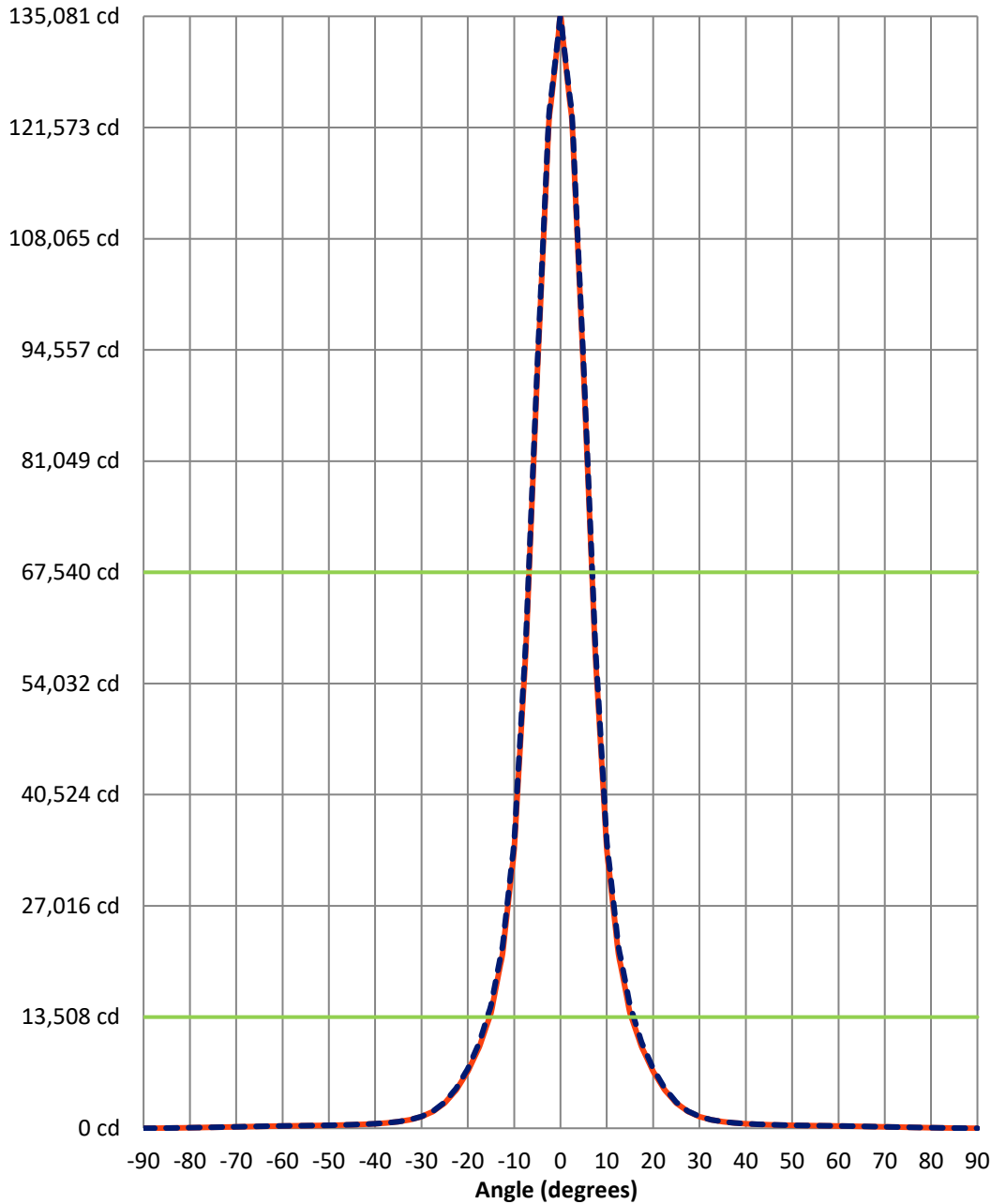
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CATALOG NUMBER: GFLD-SA3B-740-U-NR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 4240.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 9543.5
 Efficiency: 66.5%

Spill:
 Lumens: 4800.1
 Efficiency: 33.5%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.4 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.4 | 4.9 |
| 85° | 0.0 | 0.9 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 7.9 | 8.9 | 9.8 |
| 82.5° | 0.0 | 1.3 | 3.0 | 4.5 | 6.0 | 7.5 | 9.0 | 10.4 | 12.0 | 14.1 | 16.2 |
| 80° | 0.0 | 1.8 | 4.0 | 6.0 | 8.0 | 10.0 | 12.1 | 15.0 | 17.9 | 20.7 | 23.4 |
| 77.5° | 0.0 | 2.2 | 5.0 | 7.5 | 10.0 | 12.8 | 16.5 | 20.1 | 23.7 | 27.2 | 30.9 |
| 75° | 0.0 | 2.6 | 5.9 | 9.0 | 12.1 | 16.3 | 20.8 | 25.2 | 29.5 | 34.5 | 39.3 |
| 72.5° | 0.0 | 3.0 | 6.9 | 10.4 | 14.7 | 19.7 | 25.0 | 30.4 | 36.2 | 42.0 | 47.6 |
| 70° | 0.0 | 3.4 | 7.8 | 12.0 | 17.3 | 23.0 | 29.3 | 36.2 | 42.8 | 49.4 | 56.7 |
| 67.5° | 0.0 | 3.8 | 8.7 | 13.8 | 19.8 | 26.3 | 34.1 | 42.0 | 49.4 | 57.7 | 66.0 |
| 65° | 0.0 | 4.2 | 9.6 | 15.6 | 22.2 | 29.9 | 38.9 | 47.6 | 56.7 | 66.0 | 75.7 |
| 62.5° | 0.0 | 4.6 | 10.4 | 17.3 | 24.6 | 33.8 | 43.6 | 53.7 | 63.9 | 74.4 | 86.5 |
| 60° | 0.0 | 5.0 | 11.2 | 19.0 | 26.9 | 37.5 | 48.1 | 59.8 | 71.0 | 83.7 | 97.1 |
| 57.5° | 0.0 | 5.3 | 12.2 | 20.6 | 29.9 | 41.2 | 53.1 | 65.9 | 78.7 | 92.7 | 107.2 |
| 55° | 0.0 | 5.7 | 13.3 | 22.2 | 32.7 | 44.8 | 58.1 | 71.6 | 86.3 | 101.4 | 117.1 |
| 52.5° | 0.0 | 6.0 | 14.3 | 23.7 | 35.5 | 48.4 | 62.9 | 77.8 | 93.6 | 109.8 | 126.5 |
| 50° | 0.0 | 6.3 | 15.2 | 25.1 | 38.2 | 52.3 | 67.5 | 83.9 | 100.7 | 117.8 | 135.5 |
| 47.5° | 0.0 | 6.6 | 16.2 | 26.6 | 40.8 | 56.0 | 72.0 | 89.7 | 107.4 | 125.4 | 144.4 |
| 45° | 0.0 | 6.9 | 17.1 | 28.5 | 43.3 | 59.5 | 76.8 | 95.4 | 113.8 | 133.2 | 153.1 |
| 42.5° | 0.0 | 7.1 | 17.9 | 30.3 | 45.6 | 62.9 | 81.4 | 100.8 | 120.0 | 140.8 | 161.5 |
| 40° | 0.0 | 7.4 | 18.8 | 32.0 | 48.1 | 66.2 | 85.8 | 105.9 | 126.0 | 148.1 | 169.7 |
| 37.5° | 0.0 | 7.6 | 19.6 | 33.7 | 50.5 | 69.2 | 90.0 | 110.8 | 132.1 | 154.9 | 177.6 |
| 35° | 0.0 | 7.8 | 20.3 | 35.2 | 52.8 | 72.4 | 93.9 | 115.4 | 137.7 | 161.3 | 185.2 |
| 32.5° | 0.0 | 8.0 | 21.1 | 36.7 | 55.0 | 75.4 | 97.6 | 119.7 | 142.9 | 167.3 | 191.9 |
| 30° | 0.0 | 8.2 | 21.7 | 38.1 | 57.0 | 78.2 | 101.0 | 123.7 | 147.7 | 172.9 | 197.9 |
| 27.5° | 0.0 | 8.3 | 22.4 | 39.4 | 58.9 | 80.9 | 104.1 | 127.6 | 152.1 | 178.1 | 203.4 |
| 25° | 0.0 | 8.4 | 23.0 | 40.6 | 60.7 | 83.3 | 107.0 | 131.1 | 156.2 | 182.6 | 208.2 |
| 22.5° | 0.0 | 8.6 | 23.5 | 41.6 | 62.4 | 85.4 | 109.7 | 134.1 | 159.9 | 186.5 | 212.3 |
| 20° | 0.0 | 8.6 | 24.0 | 42.6 | 63.9 | 87.3 | 112.0 | 136.8 | 163.2 | 189.9 | 216.1 |
| 17.5° | 0.0 | 8.7 | 24.5 | 43.5 | 65.2 | 88.9 | 114.0 | 139.1 | 166.1 | 192.7 | 219.4 |
| 15° | 0.0 | 8.8 | 24.9 | 44.2 | 66.3 | 90.2 | 115.5 | 141.2 | 168.5 | 195.1 | 222.3 |
| 12.5° | 0.0 | 8.8 | 25.2 | 44.8 | 67.3 | 91.2 | 116.8 | 143.0 | 170.6 | 196.8 | 224.7 |
| 10° | 0.0 | 8.8 | 25.5 | 45.4 | 68.1 | 92.0 | 117.8 | 144.6 | 172.1 | 198.8 | 227.0 |
| 7.5° | 0.0 | 8.8 | 25.7 | 45.8 | 68.7 | 92.5 | 118.5 | 145.9 | 173.2 | 200.4 | 229.7 |
| 5° | 0.0 | 8.8 | 25.9 | 46.1 | 69.1 | 92.8 | 118.9 | 146.8 | 173.8 | 201.6 | 231.8 |
| 2.5° | 0.0 | 8.8 | 26.0 | 46.2 | 69.4 | 92.8 | 118.9 | 147.4 | 173.9 | 202.3 | 233.4 |
| 0° | 0.0 | 8.7 | 26.0 | 46.3 | 69.5 | 92.6 | 118.7 | 147.6 | 173.6 | 202.6 | 234.4 |
| -2.5° | 0.0 | 8.8 | 26.0 | 46.2 | 69.4 | 92.8 | 118.9 | 147.4 | 173.9 | 202.3 | 233.4 |
| -5° | 0.0 | 8.8 | 25.9 | 46.1 | 69.1 | 92.8 | 118.9 | 146.8 | 173.8 | 201.6 | 231.8 |
| -7.5° | 0.0 | 8.8 | 25.7 | 45.8 | 68.7 | 92.5 | 118.5 | 145.9 | 173.2 | 200.4 | 229.7 |
| -10° | 0.0 | 8.8 | 25.5 | 45.4 | 68.1 | 92.0 | 117.8 | 144.6 | 172.1 | 198.8 | 227.0 |
| -12.5° | 0.0 | 8.8 | 25.2 | 44.8 | 67.3 | 91.2 | 116.8 | 143.0 | 170.6 | 196.8 | 224.7 |
| -15° | 0.0 | 8.8 | 24.9 | 44.2 | 66.3 | 90.2 | 115.5 | 141.2 | 168.5 | 195.1 | 222.3 |
| -17.5° | 0.0 | 8.7 | 24.5 | 43.5 | 65.2 | 88.9 | 114.0 | 139.1 | 166.1 | 192.7 | 219.4 |
| -20° | 0.0 | 8.6 | 24.0 | 42.6 | 63.9 | 87.3 | 112.0 | 136.8 | 163.2 | 189.9 | 216.1 |

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1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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 | 8.6 | 23.5 | 41.6 | 62.4 | 85.4 | 109.7 | 134.1 | 159.9 | 186.5 | 212.3 |
| -25° | 0.0 | 8.4 | 23.0 | 40.6 | 60.7 | 83.3 | 107.0 | 131.1 | 156.2 | 182.6 | 208.2 |
| -27.5° | 0.0 | 8.3 | 22.4 | 39.4 | 58.9 | 80.9 | 104.1 | 127.6 | 152.1 | 178.1 | 203.4 |
| -30° | 0.0 | 8.2 | 21.7 | 38.1 | 57.0 | 78.2 | 101.0 | 123.7 | 147.7 | 172.9 | 197.9 |
| -32.5° | 0.0 | 8.0 | 21.1 | 36.7 | 55.0 | 75.4 | 97.6 | 119.7 | 142.9 | 167.3 | 191.9 |
| -35° | 0.0 | 7.8 | 20.3 | 35.2 | 52.8 | 72.4 | 93.9 | 115.4 | 137.7 | 161.3 | 185.2 |
| -37.5° | 0.0 | 7.6 | 19.6 | 33.7 | 50.5 | 69.2 | 90.0 | 110.8 | 132.1 | 154.9 | 177.6 |
| -40° | 0.0 | 7.4 | 18.8 | 32.0 | 48.1 | 66.2 | 85.8 | 105.9 | 126.0 | 148.1 | 169.7 |
| -42.5° | 0.0 | 7.1 | 17.9 | 30.3 | 45.6 | 62.9 | 81.4 | 100.8 | 120.0 | 140.8 | 161.5 |
| -45° | 0.0 | 6.9 | 17.1 | 28.5 | 43.3 | 59.5 | 76.8 | 95.4 | 113.8 | 133.2 | 153.1 |
| -47.5° | 0.0 | 6.6 | 16.2 | 26.6 | 40.8 | 56.0 | 72.0 | 89.7 | 107.4 | 125.4 | 144.4 |
| -50° | 0.0 | 6.3 | 15.2 | 25.1 | 38.2 | 52.3 | 67.5 | 83.9 | 100.7 | 117.8 | 135.5 |
| -52.5° | 0.0 | 6.0 | 14.3 | 23.7 | 35.5 | 48.4 | 62.9 | 77.8 | 93.6 | 109.8 | 126.5 |
| -55° | 0.0 | 5.7 | 13.3 | 22.2 | 32.7 | 44.8 | 58.1 | 71.6 | 86.3 | 101.4 | 117.1 |
| -57.5° | 0.0 | 5.3 | 12.2 | 20.6 | 29.9 | 41.2 | 53.1 | 65.9 | 78.7 | 92.7 | 107.2 |
| -60° | 0.0 | 5.0 | 11.2 | 19.0 | 26.9 | 37.5 | 48.1 | 59.8 | 71.0 | 83.7 | 97.1 |
| -62.5° | 0.0 | 4.6 | 10.4 | 17.3 | 24.6 | 33.8 | 43.6 | 53.7 | 63.9 | 74.4 | 86.5 |
| -65° | 0.0 | 4.2 | 9.6 | 15.6 | 22.2 | 29.9 | 38.9 | 47.6 | 56.7 | 66.0 | 75.7 |
| -67.5° | 0.0 | 3.8 | 8.7 | 13.8 | 19.8 | 26.3 | 34.1 | 42.0 | 49.4 | 57.7 | 66.0 |
| -70° | 0.0 | 3.4 | 7.8 | 12.0 | 17.3 | 23.0 | 29.3 | 36.2 | 42.8 | 49.4 | 56.7 |
| -72.5° | 0.0 | 3.0 | 6.9 | 10.4 | 14.7 | 19.7 | 25.0 | 30.4 | 36.2 | 42.0 | 47.6 |
| -75° | 0.0 | 2.6 | 5.9 | 9.0 | 12.1 | 16.3 | 20.8 | 25.2 | 29.5 | 34.5 | 39.3 |
| -77.5° | 0.0 | 2.2 | 5.0 | 7.5 | 10.0 | 12.8 | 16.5 | 20.1 | 23.7 | 27.2 | 30.9 |
| -80° | 0.0 | 1.8 | 4.0 | 6.0 | 8.0 | 10.0 | 12.1 | 15.0 | 17.9 | 20.7 | 23.4 |
| -82.5° | 0.0 | 1.3 | 3.0 | 4.5 | 6.0 | 7.5 | 9.0 | 10.4 | 12.0 | 14.1 | 16.2 |
| -85° | 0.0 | 0.9 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 7.9 | 8.9 | 9.8 |
| -87.5° | 0.0 | 0.4 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.4 | 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 |



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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° | 5.4 | 5.8 | 6.2 | 6.7 | 7.1 | 7.5 | 7.8 | 8.2 | 8.6 | 8.9 | 9.2 |
| 85° | 10.7 | 11.6 | 12.9 | 14.1 | 15.2 | 16.1 | 16.9 | 17.6 | 18.7 | 20.0 | 21.3 |
| 82.5° | 18.2 | 20.2 | 22.1 | 24.0 | 25.3 | 26.3 | 27.3 | 28.8 | 31.4 | 33.8 | 36.1 |
| 80° | 26.1 | 28.8 | 31.8 | 34.7 | 37.2 | 39.8 | 42.4 | 45.1 | 47.9 | 50.5 | 53.1 |
| 77.5° | 34.9 | 38.7 | 42.5 | 46.2 | 49.9 | 53.8 | 57.6 | 61.3 | 64.8 | 68.2 | 71.4 |
| 75° | 44.0 | 48.7 | 53.8 | 58.8 | 63.7 | 68.5 | 73.1 | 78.1 | 82.8 | 87.3 | 91.6 |
| 72.5° | 53.7 | 59.8 | 65.9 | 71.8 | 78.1 | 84.3 | 90.3 | 96.1 | 101.7 | 107.6 | 113.8 |
| 70° | 63.9 | 71.0 | 78.8 | 86.3 | 93.4 | 100.8 | 108.2 | 114.6 | 120.7 | 128.8 | 137.1 |
| 67.5° | 74.4 | 84.0 | 92.8 | 101.2 | 110.7 | 119.4 | 127.0 | 135.1 | 143.8 | 153.2 | 161.4 |
| 65° | 86.8 | 97.2 | 107.4 | 118.1 | 129.0 | 138.1 | 147.6 | 157.7 | 167.5 | 176.9 | 185.8 |
| 62.5° | 99.1 | 110.7 | 122.5 | 134.2 | 145.5 | 156.4 | 167.8 | 179.0 | 189.8 | 200.7 | 210.3 |
| 60° | 110.8 | 124.1 | 136.6 | 148.8 | 161.5 | 175.1 | 187.7 | 200.1 | 213.0 | 225.4 | 231.8 |
| 57.5° | 122.2 | 136.4 | 149.4 | 163.2 | 178.1 | 193.4 | 206.7 | 220.8 | 231.8 | 240.4 | 248.7 |
| 55° | 132.9 | 147.7 | 162.0 | 177.4 | 193.6 | 209.5 | 224.3 | 236.8 | 247.1 | 254.9 | 263.8 |
| 52.5° | 142.9 | 158.5 | 174.1 | 190.9 | 208.1 | 225.1 | 240.6 | 252.3 | 261.5 | 269.6 | 277.8 |
| 50° | 152.8 | 169.1 | 185.6 | 204.1 | 222.5 | 240.5 | 255.7 | 266.4 | 275.1 | 283.4 | 291.9 |
| 47.5° | 162.5 | 179.6 | 197.3 | 217.0 | 237.0 | 254.4 | 268.7 | 278.6 | 287.4 | 297.0 | 306.4 |
| 45° | 172.0 | 190.5 | 209.3 | 230.4 | 250.5 | 267.2 | 279.5 | 289.3 | 300.2 | 310.6 | 320.6 |
| 42.5° | 181.2 | 201.2 | 221.6 | 243.5 | 262.9 | 278.0 | 289.4 | 301.1 | 312.7 | 323.8 | 335.1 |
| 40° | 190.6 | 211.5 | 233.1 | 254.9 | 274.4 | 287.5 | 299.6 | 312.1 | 324.9 | 337.0 | 349.6 |
| 37.5° | 199.6 | 221.2 | 243.5 | 265.5 | 283.2 | 296.5 | 309.0 | 322.8 | 336.4 | 349.6 | 365.9 |
| 35° | 208.1 | 230.0 | 252.5 | 273.8 | 290.9 | 304.6 | 318.6 | 333.1 | 347.4 | 364.4 | 383.0 |
| 32.5° | 215.7 | 238.0 | 260.7 | 280.5 | 297.3 | 312.1 | 327.8 | 343.0 | 360.1 | 379.3 | 401.7 |
| 30° | 222.1 | 244.9 | 267.8 | 287.1 | 303.5 | 319.1 | 336.1 | 352.9 | 372.9 | 396.1 | 422.7 |
| 27.5° | 227.8 | 251.1 | 273.3 | 292.7 | 309.3 | 324.9 | 342.9 | 364.0 | 386.9 | 413.0 | 444.2 |
| 25° | 233.0 | 257.5 | 278.6 | 297.9 | 314.0 | 330.3 | 349.5 | 372.9 | 400.5 | 431.9 | 470.0 |
| 22.5° | 238.0 | 263.5 | 284.0 | 302.7 | 317.7 | 335.3 | 356.9 | 382.4 | 412.4 | 449.2 | 495.6 |
| 20° | 242.7 | 268.0 | 288.2 | 306.6 | 320.4 | 339.6 | 363.5 | 390.7 | 424.8 | 468.6 | 522.3 |
| 17.5° | 247.1 | 271.9 | 291.6 | 308.8 | 324.0 | 344.2 | 369.3 | 397.4 | 435.5 | 486.2 | 546.8 |
| 15° | 251.1 | 275.1 | 294.3 | 310.7 | 327.3 | 349.1 | 375.3 | 405.7 | 447.4 | 503.1 | 568.5 |
| 12.5° | 254.6 | 277.7 | 296.4 | 312.1 | 329.9 | 353.1 | 380.6 | 414.4 | 460.1 | 519.6 | 596.1 |
| 10° | 257.6 | 279.7 | 297.8 | 313.1 | 331.8 | 356.1 | 385.1 | 421.5 | 470.3 | 532.4 | 617.3 |
| 7.5° | 260.2 | 281.3 | 298.8 | 313.6 | 333.1 | 358.2 | 388.5 | 426.9 | 477.4 | 541.5 | 632.6 |
| 5° | 262.0 | 282.6 | 300.0 | 315.4 | 335.0 | 359.9 | 391.1 | 430.6 | 481.6 | 546.9 | 642.1 |
| 2.5° | 263.1 | 283.3 | 300.8 | 317.1 | 337.2 | 361.4 | 393.0 | 434.6 | 485.0 | 552.2 | 649.4 |
| 0° | 263.4 | 283.6 | 301.0 | 318.4 | 338.6 | 361.8 | 393.6 | 437.0 | 486.2 | 555.7 | 654.1 |
| -2.5° | 263.1 | 283.3 | 300.8 | 317.1 | 337.2 | 361.4 | 393.0 | 434.6 | 485.0 | 552.2 | 649.4 |
| -5° | 262.0 | 282.6 | 300.0 | 315.4 | 335.0 | 359.9 | 391.1 | 430.6 | 481.6 | 546.9 | 642.1 |
| -7.5° | 260.2 | 281.3 | 298.8 | 313.6 | 333.1 | 358.2 | 388.5 | 426.9 | 477.4 | 541.5 | 632.6 |
| -10° | 257.6 | 279.7 | 297.8 | 313.1 | 331.8 | 356.1 | 385.1 | 421.5 | 470.3 | 532.4 | 617.3 |
| -12.5° | 254.6 | 277.7 | 296.4 | 312.1 | 329.9 | 353.1 | 380.6 | 414.4 | 460.1 | 519.6 | 596.1 |
| -15° | 251.1 | 275.1 | 294.3 | 310.7 | 327.3 | 349.1 | 375.3 | 405.7 | 447.4 | 503.1 | 568.5 |
| -17.5° | 247.1 | 271.9 | 291.6 | 308.8 | 324.0 | 344.2 | 369.3 | 397.4 | 435.5 | 486.2 | 546.8 |
| -20° | 242.7 | 268.0 | 288.2 | 306.6 | 320.4 | 339.6 | 363.5 | 390.7 | 424.8 | 468.6 | 522.3 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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° | 238.0 | 263.5 | 284.0 | 302.7 | 317.7 | 335.3 | 356.9 | 382.4 | 412.4 | 449.2 | 495.6 |
| -25° | 233.0 | 257.5 | 278.6 | 297.9 | 314.0 | 330.3 | 349.5 | 372.9 | 400.5 | 431.9 | 470.0 |
| -27.5° | 227.8 | 251.1 | 273.3 | 292.7 | 309.3 | 324.9 | 342.9 | 364.0 | 386.9 | 413.0 | 444.2 |
| -30° | 222.1 | 244.9 | 267.8 | 287.1 | 303.5 | 319.1 | 336.1 | 352.9 | 372.9 | 396.1 | 422.7 |
| -32.5° | 215.7 | 238.0 | 260.7 | 280.5 | 297.3 | 312.1 | 327.8 | 343.0 | 360.1 | 379.3 | 401.7 |
| -35° | 208.1 | 230.0 | 252.5 | 273.8 | 290.9 | 304.6 | 318.6 | 333.1 | 347.4 | 364.4 | 383.0 |
| -37.5° | 199.6 | 221.2 | 243.5 | 265.5 | 283.2 | 296.5 | 309.0 | 322.8 | 336.4 | 349.6 | 365.9 |
| -40° | 190.6 | 211.5 | 233.1 | 254.9 | 274.4 | 287.5 | 299.6 | 312.1 | 324.9 | 337.0 | 349.6 |
| -42.5° | 181.2 | 201.2 | 221.6 | 243.5 | 262.9 | 278.0 | 289.4 | 301.1 | 312.7 | 323.8 | 335.1 |
| -45° | 172.0 | 190.5 | 209.3 | 230.4 | 250.5 | 267.2 | 279.5 | 289.3 | 300.2 | 310.6 | 320.6 |
| -47.5° | 162.5 | 179.6 | 197.3 | 217.0 | 237.0 | 254.4 | 268.7 | 278.6 | 287.4 | 297.0 | 306.4 |
| -50° | 152.8 | 169.1 | 185.6 | 204.1 | 222.5 | 240.5 | 255.7 | 266.4 | 275.1 | 283.4 | 291.9 |
| -52.5° | 142.9 | 158.5 | 174.1 | 190.9 | 208.1 | 225.1 | 240.6 | 252.3 | 261.5 | 269.6 | 277.8 |
| -55° | 132.9 | 147.7 | 162.0 | 177.4 | 193.6 | 209.5 | 224.3 | 236.8 | 247.1 | 254.9 | 263.8 |
| -57.5° | 122.2 | 136.4 | 149.4 | 163.2 | 178.1 | 193.4 | 206.7 | 220.8 | 231.8 | 240.4 | 248.7 |
| -60° | 110.8 | 124.1 | 136.6 | 148.8 | 161.5 | 175.1 | 187.7 | 200.1 | 213.0 | 225.4 | 231.8 |
| -62.5° | 99.1 | 110.7 | 122.5 | 134.2 | 145.5 | 156.4 | 167.8 | 179.0 | 189.8 | 200.7 | 210.3 |
| -65° | 86.8 | 97.2 | 107.4 | 118.1 | 129.0 | 138.1 | 147.6 | 157.7 | 167.5 | 176.9 | 185.8 |
| -67.5° | 74.4 | 84.0 | 92.8 | 101.2 | 110.7 | 119.4 | 127.0 | 135.1 | 143.8 | 153.2 | 161.4 |
| -70° | 63.9 | 71.0 | 78.8 | 86.3 | 93.4 | 100.8 | 108.2 | 114.6 | 120.7 | 128.8 | 137.1 |
| -72.5° | 53.7 | 59.8 | 65.9 | 71.8 | 78.1 | 84.3 | 90.3 | 96.1 | 101.7 | 107.6 | 113.8 |
| -75° | 44.0 | 48.7 | 53.8 | 58.8 | 63.7 | 68.5 | 73.1 | 78.1 | 82.8 | 87.3 | 91.6 |
| -77.5° | 34.9 | 38.7 | 42.5 | 46.2 | 49.9 | 53.8 | 57.6 | 61.3 | 64.8 | 68.2 | 71.4 |
| -80° | 26.1 | 28.8 | 31.8 | 34.7 | 37.2 | 39.8 | 42.4 | 45.1 | 47.9 | 50.5 | 53.1 |
| -82.5° | 18.2 | 20.2 | 22.1 | 24.0 | 25.3 | 26.3 | 27.3 | 28.8 | 31.4 | 33.8 | 36.1 |
| -85° | 10.7 | 11.6 | 12.9 | 14.1 | 15.2 | 16.1 | 16.9 | 17.6 | 18.7 | 20.0 | 21.3 |
| -87.5° | 5.4 | 5.8 | 6.2 | 6.7 | 7.1 | 7.5 | 7.8 | 8.2 | 8.6 | 8.9 | 9.2 |
| -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: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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° | 9.5 | 9.8 | 10.0 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1 | 11.2 | 10.6 | 10.0 |
| 85° | 22.6 | 23.5 | 24.3 | 25.0 | 25.7 | 26.3 | 26.8 | 27.3 | 27.7 | 27.4 | 26.9 |
| 82.5° | 38.1 | 39.6 | 41.0 | 42.3 | 43.5 | 44.5 | 45.5 | 46.4 | 47.1 | 47.1 | 46.8 |
| 80° | 55.5 | 58.0 | 60.5 | 62.9 | 65.3 | 66.8 | 67.9 | 68.7 | 69.3 | 69.5 | 69.6 |
| 77.5° | 74.6 | 78.4 | 82.4 | 86.3 | 90.2 | 92.4 | 94.0 | 95.3 | 96.4 | 96.6 | 96.4 |
| 75° | 95.7 | 100.7 | 106.1 | 110.9 | 115.0 | 117.6 | 119.3 | 120.8 | 122.0 | 122.3 | 122.2 |
| 72.5° | 120.3 | 126.4 | 131.3 | 135.3 | 138.8 | 141.6 | 143.8 | 145.6 | 147.2 | 147.8 | 147.9 |
| 70° | 144.5 | 150.5 | 155.2 | 159.3 | 162.7 | 165.5 | 168.2 | 170.4 | 172.3 | 173.7 | 174.7 |
| 67.5° | 169.0 | 175.9 | 180.6 | 184.3 | 187.3 | 190.2 | 193.8 | 196.8 | 199.4 | 201.1 | 202.0 |
| 65° | 194.1 | 201.2 | 205.9 | 209.9 | 213.5 | 217.3 | 221.2 | 224.0 | 225.9 | 227.1 | 227.9 |
| 62.5° | 218.5 | 225.1 | 230.9 | 236.3 | 241.4 | 245.7 | 248.5 | 250.9 | 252.9 | 254.7 | 256.0 |
| 60° | 239.4 | 247.9 | 254.3 | 259.5 | 264.6 | 269.5 | 272.8 | 275.4 | 277.4 | 278.9 | 279.8 |
| 57.5° | 257.2 | 265.8 | 273.5 | 278.5 | 284.0 | 289.8 | 293.7 | 295.9 | 297.9 | 299.6 | 300.5 |
| 55° | 272.8 | 280.8 | 287.8 | 294.7 | 300.9 | 306.1 | 310.2 | 313.1 | 315.6 | 317.6 | 318.3 |
| 52.5° | 286.9 | 295.6 | 303.8 | 311.1 | 317.1 | 322.1 | 326.2 | 329.8 | 332.7 | 334.6 | 335.4 |
| 50° | 301.6 | 311.0 | 319.8 | 327.8 | 334.0 | 339.6 | 344.6 | 349.0 | 353.2 | 356.5 | 358.8 |
| 47.5° | 316.1 | 326.1 | 335.9 | 344.6 | 352.1 | 360.2 | 367.5 | 373.7 | 379.8 | 384.7 | 388.1 |
| 45° | 330.7 | 342.3 | 352.9 | 364.2 | 374.2 | 384.9 | 394.9 | 403.4 | 412.2 | 418.9 | 423.3 |
| 42.5° | 347.0 | 360.1 | 372.9 | 386.9 | 400.7 | 414.6 | 429.7 | 443.1 | 453.4 | 463.1 | 471.0 |
| 40° | 364.4 | 379.3 | 396.1 | 413.4 | 433.6 | 452.0 | 472.2 | 489.5 | 505.2 | 521.8 | 535.0 |
| 37.5° | 383.0 | 401.7 | 423.7 | 446.7 | 472.9 | 498.1 | 524.4 | 550.3 | 572.9 | 599.7 | 620.1 |
| 35° | 403.6 | 428.5 | 455.6 | 486.7 | 519.3 | 555.3 | 591.4 | 633.1 | 669.0 | 708.5 | 742.9 |
| 32.5° | 427.9 | 457.6 | 493.1 | 534.3 | 576.1 | 630.8 | 681.8 | 748.2 | 805.6 | 868.2 | 931.3 |
| 30° | 452.9 | 491.7 | 537.6 | 589.4 | 656.0 | 731.1 | 814.9 | 913.6 | 1015.4 | 1113.9 | 1232.7 |
| 27.5° | 483.8 | 530.7 | 586.2 | 662.0 | 760.0 | 861.6 | 1005.6 | 1153.8 | 1340.9 | 1495.6 | 1713.8 |
| 25° | 516.0 | 571.2 | 650.1 | 753.1 | 881.0 | 1057.2 | 1275.8 | 1512.7 | 1841.9 | 2131.1 | 2470.3 |
| 22.5° | 551.0 | 625.6 | 723.7 | 850.9 | 1044.8 | 1315.3 | 1646.2 | 2092.1 | 2577.7 | 3093.2 | 3606.0 |
| 20° | 587.5 | 677.7 | 806.4 | 990.6 | 1256.7 | 1623.1 | 2191.2 | 2879.6 | 3573.3 | 4423.9 | 5177.1 |
| 17.5° | 629.8 | 744.6 | 903.2 | 1133.5 | 1488.7 | 2049.9 | 2837.9 | 3799.0 | 4875.1 | 6098.2 | 7184.1 |
| 15° | 665.0 | 801.9 | 1002.0 | 1324.3 | 1812.8 | 2533.5 | 3527.3 | 4849.3 | 6466.5 | 8109.1 | 9775.6 |
| 12.5° | 705.9 | 864.2 | 1099.3 | 1483.6 | 2097.0 | 3054.9 | 4407.6 | 6081.0 | 8100.7 | 10379.0 | 13064.9 |
| 10° | 742.2 | 925.4 | 1217.6 | 1693.3 | 2443.0 | 3598.7 | 5240.4 | 7253.5 | 9860.0 | 13138.0 | 17297.3 |
| 7.5° | 769.1 | 974.2 | 1309.0 | 1853.0 | 2742.1 | 4121.5 | 6027.2 | 8537.5 | 11849.5 | 16178.1 | 21886.4 |
| 5° | 786.6 | 1009.4 | 1373.6 | 1976.1 | 2976.2 | 4510.6 | 6603.8 | 9448.2 | 13443.9 | 19565.9 | 29232.1 |
| 2.5° | 797.0 | 1030.3 | 1410.5 | 2048.3 | 3118.6 | 4768.4 | 7042.5 | 10136.9 | 14477.2 | 21659.6 | 33956.8 |
| 0° | 801.7 | 1036.1 | 1432.6 | 2086.7 | 3166.2 | 4867.9 | 7244.0 | 10450.7 | 14939.5 | 22148.8 | 34787.5 |
| -2.5° | 797.0 | 1030.3 | 1410.5 | 2048.3 | 3118.6 | 4768.4 | 7042.5 | 10136.9 | 14477.2 | 21659.6 | 33956.8 |
| -5° | 786.6 | 1009.4 | 1373.6 | 1976.1 | 2976.2 | 4510.6 | 6603.8 | 9448.2 | 13443.9 | 19565.9 | 29232.1 |
| -7.5° | 769.1 | 974.2 | 1309.0 | 1853.0 | 2742.1 | 4121.5 | 6027.2 | 8537.5 | 11849.5 | 16178.1 | 21886.4 |
| -10° | 742.2 | 925.4 | 1217.6 | 1693.3 | 2443.0 | 3598.7 | 5240.4 | 7253.5 | 9860.0 | 13138.0 | 17297.3 |
| -12.5° | 705.9 | 864.2 | 1099.3 | 1483.6 | 2097.0 | 3054.9 | 4407.6 | 6081.0 | 8100.7 | 10379.0 | 13064.9 |
| -15° | 665.0 | 801.9 | 1002.0 | 1324.3 | 1812.8 | 2533.5 | 3527.3 | 4849.3 | 6466.5 | 8109.1 | 9775.6 |
| -17.5° | 629.8 | 744.6 | 903.2 | 1133.5 | 1488.7 | 2049.9 | 2837.9 | 3799.0 | 4875.1 | 6098.2 | 7184.1 |
| -20° | 587.5 | 677.7 | 806.4 | 990.6 | 1256.7 | 1623.1 | 2191.2 | 2879.6 | 3573.3 | 4423.9 | 5177.1 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 551.0 | 625.6 | 723.7 | 850.9 | 1044.8 | 1315.3 | 1646.2 | 2092.1 | 2577.7 | 3093.2 | 3606.0 |
| -25° | 516.0 | 571.2 | 650.1 | 753.1 | 881.0 | 1057.2 | 1275.8 | 1512.7 | 1841.9 | 2131.1 | 2470.3 |
| -27.5° | 483.8 | 530.7 | 586.2 | 662.0 | 760.0 | 861.6 | 1005.6 | 1153.8 | 1340.9 | 1495.6 | 1713.8 |
| -30° | 452.9 | 491.7 | 537.6 | 589.4 | 656.0 | 731.1 | 814.9 | 913.6 | 1015.4 | 1113.9 | 1232.7 |
| -32.5° | 427.9 | 457.6 | 493.1 | 534.3 | 576.1 | 630.8 | 681.8 | 748.2 | 805.6 | 868.2 | 931.3 |
| -35° | 403.6 | 428.5 | 455.6 | 486.7 | 519.3 | 555.3 | 591.4 | 633.1 | 669.0 | 708.5 | 742.9 |
| -37.5° | 383.0 | 401.7 | 423.7 | 446.7 | 472.9 | 498.1 | 524.4 | 550.3 | 572.9 | 599.7 | 620.1 |
| -40° | 364.4 | 379.3 | 396.1 | 413.4 | 433.6 | 452.0 | 472.2 | 489.5 | 505.2 | 521.8 | 535.0 |
| -42.5° | 347.0 | 360.1 | 372.9 | 386.9 | 400.7 | 414.6 | 429.7 | 443.1 | 453.4 | 463.1 | 471.0 |
| -45° | 330.7 | 342.3 | 352.9 | 364.2 | 374.2 | 384.9 | 394.9 | 403.4 | 412.2 | 418.9 | 423.3 |
| -47.5° | 316.1 | 326.1 | 335.9 | 344.6 | 352.1 | 360.2 | 367.5 | 373.7 | 379.8 | 384.7 | 388.1 |
| -50° | 301.6 | 311.0 | 319.8 | 327.8 | 334.0 | 339.6 | 344.6 | 349.0 | 353.2 | 356.5 | 358.8 |
| -52.5° | 286.9 | 295.6 | 303.8 | 311.1 | 317.1 | 322.1 | 326.2 | 329.8 | 332.7 | 334.6 | 335.4 |
| -55° | 272.8 | 280.8 | 287.8 | 294.7 | 300.9 | 306.1 | 310.2 | 313.1 | 315.6 | 317.6 | 318.3 |
| -57.5° | 257.2 | 265.8 | 273.5 | 278.5 | 284.0 | 289.8 | 293.7 | 295.9 | 297.9 | 299.6 | 300.5 |
| -60° | 239.4 | 247.9 | 254.3 | 259.5 | 264.6 | 269.5 | 272.8 | 275.4 | 277.4 | 278.9 | 279.8 |
| -62.5° | 218.5 | 225.1 | 230.9 | 236.3 | 241.4 | 245.7 | 248.5 | 250.9 | 252.9 | 254.7 | 256.0 |
| -65° | 194.1 | 201.2 | 205.9 | 209.9 | 213.5 | 217.3 | 221.2 | 224.0 | 225.9 | 227.1 | 227.9 |
| -67.5° | 169.0 | 175.9 | 180.6 | 184.3 | 187.3 | 190.2 | 193.8 | 196.8 | 199.4 | 201.1 | 202.0 |
| -70° | 144.5 | 150.5 | 155.2 | 159.3 | 162.7 | 165.5 | 168.2 | 170.4 | 172.3 | 173.7 | 174.7 |
| -72.5° | 120.3 | 126.4 | 131.3 | 135.3 | 138.8 | 141.6 | 143.8 | 145.6 | 147.2 | 147.8 | 147.9 |
| -75° | 95.7 | 100.7 | 106.1 | 110.9 | 115.0 | 117.6 | 119.3 | 120.8 | 122.0 | 122.3 | 122.2 |
| -77.5° | 74.6 | 78.4 | 82.4 | 86.3 | 90.2 | 92.4 | 94.0 | 95.3 | 96.4 | 96.6 | 96.4 |
| -80° | 55.5 | 58.0 | 60.5 | 62.9 | 65.3 | 66.8 | 67.9 | 68.7 | 69.3 | 69.5 | 69.6 |
| -82.5° | 38.1 | 39.6 | 41.0 | 42.3 | 43.5 | 44.5 | 45.5 | 46.4 | 47.1 | 47.1 | 46.8 |
| -85° | 22.6 | 23.5 | 24.3 | 25.0 | 25.7 | 26.3 | 26.8 | 27.3 | 27.7 | 27.4 | 26.9 |
| -87.5° | 9.5 | 9.8 | 10.0 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1 | 11.2 | 10.6 | 10.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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° | 9.3 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 9.3 | 10.0 | 10.6 | 11.2 | 11.1 |
| 85° | 26.4 | 25.9 | 26.0 | 26.0 | 26.0 | 25.9 | 26.4 | 26.9 | 27.4 | 27.7 | 27.3 |
| 82.5° | 46.5 | 46.1 | 46.2 | 46.3 | 46.2 | 46.1 | 46.5 | 46.8 | 47.1 | 47.1 | 46.4 |
| 80° | 69.5 | 69.2 | 68.0 | 66.6 | 68.0 | 69.2 | 69.5 | 69.6 | 69.5 | 69.3 | 68.7 |
| 77.5° | 95.9 | 95.1 | 94.0 | 92.6 | 94.0 | 95.1 | 95.9 | 96.4 | 96.6 | 96.4 | 95.3 |
| 75° | 121.8 | 121.1 | 121.4 | 121.6 | 121.4 | 121.1 | 121.8 | 122.2 | 122.3 | 122.0 | 120.8 |
| 72.5° | 147.7 | 147.0 | 147.4 | 147.6 | 147.4 | 147.0 | 147.7 | 147.9 | 147.8 | 147.2 | 145.6 |
| 70° | 175.4 | 175.7 | 174.9 | 173.6 | 174.9 | 175.7 | 175.4 | 174.7 | 173.7 | 172.3 | 170.4 |
| 67.5° | 202.2 | 201.9 | 201.0 | 199.7 | 201.0 | 201.9 | 202.2 | 202.0 | 201.1 | 199.4 | 196.8 |
| 65° | 228.1 | 227.8 | 228.3 | 228.6 | 228.3 | 227.8 | 228.1 | 227.9 | 227.1 | 225.9 | 224.0 |
| 62.5° | 256.6 | 256.7 | 256.0 | 254.7 | 256.0 | 256.7 | 256.6 | 256.0 | 254.7 | 252.9 | 250.9 |
| 60° | 280.2 | 280.0 | 279.2 | 277.8 | 279.2 | 280.0 | 280.2 | 279.8 | 278.9 | 277.4 | 275.4 |
| 57.5° | 300.7 | 300.4 | 299.5 | 298.1 | 299.5 | 300.4 | 300.7 | 300.5 | 299.6 | 297.9 | 295.9 |
| 55° | 318.4 | 318.0 | 317.0 | 315.5 | 317.0 | 318.0 | 318.4 | 318.3 | 317.6 | 315.6 | 313.1 |
| 52.5° | 335.7 | 335.3 | 335.4 | 335.7 | 335.4 | 335.3 | 335.7 | 335.4 | 334.6 | 332.7 | 329.8 |
| 50° | 360.3 | 360.8 | 360.3 | 358.9 | 360.3 | 360.8 | 360.3 | 358.8 | 356.5 | 353.2 | 349.0 |
| 47.5° | 389.7 | 389.9 | 389.2 | 387.8 | 389.2 | 389.9 | 389.7 | 388.1 | 384.7 | 379.8 | 373.7 |
| 45° | 426.8 | 428.9 | 429.5 | 428.3 | 429.5 | 428.9 | 426.8 | 423.3 | 418.9 | 412.2 | 403.4 |
| 42.5° | 477.1 | 480.4 | 481.3 | 480.4 | 481.3 | 480.4 | 477.1 | 471.0 | 463.1 | 453.4 | 443.1 |
| 40° | 543.1 | 546.8 | 547.5 | 547.0 | 547.5 | 546.8 | 543.1 | 535.0 | 521.8 | 505.2 | 489.5 |
| 37.5° | 634.4 | 643.5 | 647.8 | 648.3 | 647.8 | 643.5 | 634.4 | 620.1 | 599.7 | 572.9 | 550.3 |
| 35° | 769.1 | 787.3 | 797.0 | 801.7 | 797.0 | 787.3 | 769.1 | 742.9 | 708.5 | 669.0 | 633.1 |
| 32.5° | 979.2 | 1015.5 | 1035.7 | 1033.2 | 1035.7 | 1015.5 | 979.2 | 931.3 | 868.2 | 805.6 | 748.2 |
| 30° | 1322.2 | 1385.9 | 1417.9 | 1409.4 | 1417.9 | 1385.9 | 1322.2 | 1232.7 | 1113.9 | 1015.4 | 913.6 |
| 27.5° | 1870.5 | 1985.5 | 2052.0 | 2043.3 | 2052.0 | 1985.5 | 1870.5 | 1713.8 | 1495.6 | 1340.9 | 1153.8 |
| 25° | 2753.9 | 2963.8 | 3098.1 | 3064.9 | 3098.1 | 2963.8 | 2753.9 | 2470.3 | 2131.1 | 1841.9 | 1512.7 |
| 22.5° | 4097.6 | 4453.3 | 4688.6 | 4659.6 | 4688.6 | 4453.3 | 4097.6 | 3606.0 | 3093.2 | 2577.7 | 2092.1 |
| 20° | 5940.9 | 6482.2 | 6868.7 | 6919.9 | 6868.7 | 6482.2 | 5940.9 | 5177.1 | 4423.9 | 3573.3 | 2879.6 |
| 17.5° | 8357.1 | 9215.3 | 9812.7 | 9912.4 | 9812.7 | 9215.3 | 8357.1 | 7184.1 | 6098.2 | 4875.1 | 3799.0 |
| 15° | 11497.2 | 12899.9 | 13915.1 | 13998.9 | 13915.1 | 12899.9 | 11497.2 | 9775.6 | 8109.1 | 6466.5 | 4849.3 |
| 12.5° | 15761.1 | 18582.3 | 20423.6 | 21234.3 | 20423.6 | 18582.3 | 15761.1 | 13064.9 | 10379.0 | 8100.7 | 6081.0 |
| 10° | 21662.0 | 28142.4 | 32292.5 | 33852.7 | 32292.5 | 28142.4 | 21662.0 | 17297.3 | 13138.0 | 9860.0 | 7253.5 |
| 7.5° | 31518.4 | 41692.7 | 53003.9 | 57824.8 | 53003.9 | 41692.7 | 31518.4 | 21886.4 | 16178.1 | 11849.5 | 8537.5 |
| 5° | 42679.9 | 63795.8 | 83880.7 | 91723.9 | 83880.7 | 63795.8 | 42679.9 | 29232.1 | 19565.9 | 13443.9 | 9448.2 |
| 2.5° | 54424.8 | 83857.2 | 111437.7 | 122223.7 | 111437.7 | 83857.2 | 54424.8 | 33956.8 | 21659.6 | 14477.2 | 10136.9 |
| 0° | 59011.5 | 92641.3 | 122986.4 | 135080.9 | 122986.4 | 92641.3 | 59011.5 | 34787.5 | 22148.8 | 14939.5 | 10450.7 |
| -2.5° | 54424.8 | 83857.2 | 111437.7 | 122223.7 | 111437.7 | 83857.2 | 54424.8 | 33956.8 | 21659.6 | 14477.2 | 10136.9 |
| -5° | 42679.9 | 63795.8 | 83880.7 | 91723.9 | 83880.7 | 63795.8 | 42679.9 | 29232.1 | 19565.9 | 13443.9 | 9448.2 |
| -7.5° | 31518.4 | 41692.7 | 53003.9 | 57824.8 | 53003.9 | 41692.7 | 31518.4 | 21886.4 | 16178.1 | 11849.5 | 8537.5 |
| -10° | 21662.0 | 28142.4 | 32292.5 | 33852.7 | 32292.5 | 28142.4 | 21662.0 | 17297.3 | 13138.0 | 9860.0 | 7253.5 |
| -12.5° | 15761.1 | 18582.3 | 20423.6 | 21234.3 | 20423.6 | 18582.3 | 15761.1 | 13064.9 | 10379.0 | 8100.7 | 6081.0 |
| -15° | 11497.2 | 12899.9 | 13915.1 | 13998.9 | 13915.1 | 12899.9 | 11497.2 | 9775.6 | 8109.1 | 6466.5 | 4849.3 |
| -17.5° | 8357.1 | 9215.3 | 9812.7 | 9912.4 | 9812.7 | 9215.3 | 8357.1 | 7184.1 | 6098.2 | 4875.1 | 3799.0 |
| -20° | 5940.9 | 6482.2 | 6868.7 | 6919.9 | 6868.7 | 6482.2 | 5940.9 | 5177.1 | 4423.9 | 3573.3 | 2879.6 |



REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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° | 4097.6 | 4453.3 | 4688.6 | 4659.6 | 4688.6 | 4453.3 | 4097.6 | 3606.0 | 3093.2 | 2577.7 | 2092.1 |
| -25° | 2753.9 | 2963.8 | 3098.1 | 3064.9 | 3098.1 | 2963.8 | 2753.9 | 2470.3 | 2131.1 | 1841.9 | 1512.7 |
| -27.5° | 1870.5 | 1985.5 | 2052.0 | 2043.3 | 2052.0 | 1985.5 | 1870.5 | 1713.8 | 1495.6 | 1340.9 | 1153.8 |
| -30° | 1322.2 | 1385.9 | 1417.9 | 1409.4 | 1417.9 | 1385.9 | 1322.2 | 1232.7 | 1113.9 | 1015.4 | 913.6 |
| -32.5° | 979.2 | 1015.5 | 1035.7 | 1033.2 | 1035.7 | 1015.5 | 979.2 | 931.3 | 868.2 | 805.6 | 748.2 |
| -35° | 769.1 | 787.3 | 797.0 | 801.7 | 797.0 | 787.3 | 769.1 | 742.9 | 708.5 | 669.0 | 633.1 |
| -37.5° | 634.4 | 643.5 | 647.8 | 648.3 | 647.8 | 643.5 | 634.4 | 620.1 | 599.7 | 572.9 | 550.3 |
| -40° | 543.1 | 546.8 | 547.5 | 547.0 | 547.5 | 546.8 | 543.1 | 535.0 | 521.8 | 505.2 | 489.5 |
| -42.5° | 477.1 | 480.4 | 481.3 | 480.4 | 481.3 | 480.4 | 477.1 | 471.0 | 463.1 | 453.4 | 443.1 |
| -45° | 426.8 | 428.9 | 429.5 | 428.3 | 429.5 | 428.9 | 426.8 | 423.3 | 418.9 | 412.2 | 403.4 |
| -47.5° | 389.7 | 389.9 | 389.2 | 387.8 | 389.2 | 389.9 | 389.7 | 388.1 | 384.7 | 379.8 | 373.7 |
| -50° | 360.3 | 360.8 | 360.3 | 358.9 | 360.3 | 360.8 | 360.3 | 358.8 | 356.5 | 353.2 | 349.0 |
| -52.5° | 335.7 | 335.3 | 335.4 | 335.7 | 335.4 | 335.3 | 335.7 | 335.4 | 334.6 | 332.7 | 329.8 |
| -55° | 318.4 | 318.0 | 317.0 | 315.5 | 317.0 | 318.0 | 318.4 | 318.3 | 317.6 | 315.6 | 313.1 |
| -57.5° | 300.7 | 300.4 | 299.5 | 298.1 | 299.5 | 300.4 | 300.7 | 300.5 | 299.6 | 297.9 | 295.9 |
| -60° | 280.2 | 280.0 | 279.2 | 277.8 | 279.2 | 280.0 | 280.2 | 279.8 | 278.9 | 277.4 | 275.4 |
| -62.5° | 256.6 | 256.7 | 256.0 | 254.7 | 256.0 | 256.7 | 256.6 | 256.0 | 254.7 | 252.9 | 250.9 |
| -65° | 228.1 | 227.8 | 228.3 | 228.6 | 228.3 | 227.8 | 228.1 | 227.9 | 227.1 | 225.9 | 224.0 |
| -67.5° | 202.2 | 201.9 | 201.0 | 199.7 | 201.0 | 201.9 | 202.2 | 202.0 | 201.1 | 199.4 | 196.8 |
| -70° | 175.4 | 175.7 | 174.9 | 173.6 | 174.9 | 175.7 | 175.4 | 174.7 | 173.7 | 172.3 | 170.4 |
| -72.5° | 147.7 | 147.0 | 147.4 | 147.6 | 147.4 | 147.0 | 147.7 | 147.9 | 147.8 | 147.2 | 145.6 |
| -75° | 121.8 | 121.1 | 121.4 | 121.6 | 121.4 | 121.1 | 121.8 | 122.2 | 122.3 | 122.0 | 120.8 |
| -77.5° | 95.9 | 95.1 | 94.0 | 92.6 | 94.0 | 95.1 | 95.9 | 96.4 | 96.6 | 96.4 | 95.3 |
| -80° | 69.5 | 69.2 | 68.0 | 66.6 | 68.0 | 69.2 | 69.5 | 69.6 | 69.5 | 69.3 | 68.7 |
| -82.5° | 46.5 | 46.1 | 46.2 | 46.3 | 46.2 | 46.1 | 46.5 | 46.8 | 47.1 | 47.1 | 46.4 |
| -85° | 26.4 | 25.9 | 26.0 | 26.0 | 26.0 | 25.9 | 26.4 | 26.9 | 27.4 | 27.7 | 27.3 |
| -87.5° | 9.3 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 9.3 | 10.0 | 10.6 | 11.2 | 11.1 |
| -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: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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° | 10.9 | 10.7 | 10.5 | 10.3 | 10.0 | 9.8 | 9.5 | 9.2 | 8.9 | 8.6 | 8.2 |
| 85° | 26.8 | 26.3 | 25.7 | 25.0 | 24.3 | 23.5 | 22.6 | 21.3 | 20.0 | 18.7 | 17.6 |
| 82.5° | 45.5 | 44.5 | 43.5 | 42.3 | 41.0 | 39.6 | 38.1 | 36.1 | 33.8 | 31.4 | 28.8 |
| 80° | 67.9 | 66.8 | 65.3 | 62.9 | 60.5 | 58.0 | 55.5 | 53.1 | 50.5 | 47.9 | 45.1 |
| 77.5° | 94.0 | 92.4 | 90.2 | 86.3 | 82.4 | 78.4 | 74.6 | 71.4 | 68.2 | 64.8 | 61.3 |
| 75° | 119.3 | 117.6 | 115.0 | 110.9 | 106.1 | 100.7 | 95.7 | 91.6 | 87.3 | 82.8 | 78.1 |
| 72.5° | 143.8 | 141.6 | 138.8 | 135.3 | 131.3 | 126.4 | 120.3 | 113.8 | 107.6 | 101.7 | 96.1 |
| 70° | 168.2 | 165.5 | 162.7 | 159.3 | 155.2 | 150.5 | 144.5 | 137.1 | 128.8 | 120.7 | 114.6 |
| 67.5° | 193.8 | 190.2 | 187.3 | 184.3 | 180.6 | 175.9 | 169.0 | 161.4 | 153.2 | 143.8 | 135.1 |
| 65° | 221.2 | 217.3 | 213.5 | 209.9 | 205.9 | 201.2 | 194.1 | 185.8 | 176.9 | 167.5 | 157.7 |
| 62.5° | 248.5 | 245.7 | 241.4 | 236.3 | 230.9 | 225.1 | 218.5 | 210.3 | 200.7 | 189.8 | 179.0 |
| 60° | 272.8 | 269.5 | 264.6 | 259.5 | 254.3 | 247.9 | 239.4 | 231.8 | 225.4 | 213.0 | 200.1 |
| 57.5° | 293.7 | 289.8 | 284.0 | 278.5 | 273.5 | 265.8 | 257.2 | 248.7 | 240.4 | 231.8 | 220.8 |
| 55° | 310.2 | 306.1 | 300.9 | 294.7 | 287.8 | 280.8 | 272.8 | 263.8 | 254.9 | 247.1 | 236.8 |
| 52.5° | 326.2 | 322.1 | 317.1 | 311.1 | 303.8 | 295.6 | 286.9 | 277.8 | 269.6 | 261.5 | 252.3 |
| 50° | 344.6 | 339.6 | 334.0 | 327.8 | 319.8 | 311.0 | 301.6 | 291.9 | 283.4 | 275.1 | 266.4 |
| 47.5° | 367.5 | 360.2 | 352.1 | 344.6 | 335.9 | 326.1 | 316.1 | 306.4 | 297.0 | 287.4 | 278.6 |
| 45° | 394.9 | 384.9 | 374.2 | 364.2 | 352.9 | 342.3 | 330.7 | 320.6 | 310.6 | 300.2 | 289.3 |
| 42.5° | 429.7 | 414.6 | 400.7 | 386.9 | 372.9 | 360.1 | 347.0 | 335.1 | 323.8 | 312.7 | 301.1 |
| 40° | 472.2 | 452.0 | 433.6 | 413.4 | 396.1 | 379.3 | 364.4 | 349.6 | 337.0 | 324.9 | 312.1 |
| 37.5° | 524.4 | 498.1 | 472.9 | 446.7 | 423.7 | 401.7 | 383.0 | 365.9 | 349.6 | 336.4 | 322.8 |
| 35° | 591.4 | 555.3 | 519.3 | 486.7 | 455.6 | 428.5 | 403.6 | 383.0 | 364.4 | 347.4 | 333.1 |
| 32.5° | 681.8 | 630.8 | 576.1 | 534.3 | 493.1 | 457.6 | 427.9 | 401.7 | 379.3 | 360.1 | 343.0 |
| 30° | 814.9 | 731.1 | 656.0 | 589.4 | 537.6 | 491.7 | 452.9 | 422.7 | 396.1 | 372.9 | 352.9 |
| 27.5° | 1005.6 | 861.6 | 760.0 | 662.0 | 586.2 | 530.7 | 483.8 | 444.2 | 413.0 | 386.9 | 364.0 |
| 25° | 1275.8 | 1057.2 | 881.0 | 753.1 | 650.1 | 571.2 | 516.0 | 470.0 | 431.9 | 400.5 | 372.9 |
| 22.5° | 1646.2 | 1315.3 | 1044.8 | 850.9 | 723.7 | 625.6 | 551.0 | 495.6 | 449.2 | 412.4 | 382.4 |
| 20° | 2191.2 | 1623.1 | 1256.7 | 990.6 | 806.4 | 677.7 | 587.5 | 522.3 | 468.6 | 424.8 | 390.7 |
| 17.5° | 2837.9 | 2049.9 | 1488.7 | 1133.5 | 903.2 | 744.6 | 629.8 | 546.8 | 486.2 | 435.5 | 397.4 |
| 15° | 3527.3 | 2533.5 | 1812.8 | 1324.3 | 1002.0 | 801.9 | 665.0 | 568.5 | 503.1 | 447.4 | 405.7 |
| 12.5° | 4407.6 | 3054.9 | 2097.0 | 1483.6 | 1099.3 | 864.2 | 705.9 | 596.1 | 519.6 | 460.1 | 414.4 |
| 10° | 5240.4 | 3598.7 | 2443.0 | 1693.3 | 1217.6 | 925.4 | 742.2 | 617.3 | 532.4 | 470.3 | 421.5 |
| 7.5° | 6027.2 | 4121.5 | 2742.1 | 1853.0 | 1309.0 | 974.2 | 769.1 | 632.6 | 541.5 | 477.4 | 426.9 |
| 5° | 6603.8 | 4510.6 | 2976.2 | 1976.1 | 1373.6 | 1009.4 | 786.6 | 642.1 | 546.9 | 481.6 | 430.6 |
| 2.5° | 7042.5 | 4768.4 | 3118.6 | 2048.3 | 1410.5 | 1030.3 | 797.0 | 649.4 | 552.2 | 485.0 | 434.6 |
| 0° | 7244.0 | 4867.9 | 3166.2 | 2086.7 | 1432.6 | 1036.1 | 801.7 | 654.1 | 555.7 | 486.2 | 437.0 |
| -2.5° | 7042.5 | 4768.4 | 3118.6 | 2048.3 | 1410.5 | 1030.3 | 797.0 | 649.4 | 552.2 | 485.0 | 434.6 |
| -5° | 6603.8 | 4510.6 | 2976.2 | 1976.1 | 1373.6 | 1009.4 | 786.6 | 642.1 | 546.9 | 481.6 | 430.6 |
| -7.5° | 6027.2 | 4121.5 | 2742.1 | 1853.0 | 1309.0 | 974.2 | 769.1 | 632.6 | 541.5 | 477.4 | 426.9 |
| -10° | 5240.4 | 3598.7 | 2443.0 | 1693.3 | 1217.6 | 925.4 | 742.2 | 617.3 | 532.4 | 470.3 | 421.5 |
| -12.5° | 4407.6 | 3054.9 | 2097.0 | 1483.6 | 1099.3 | 864.2 | 705.9 | 596.1 | 519.6 | 460.1 | 414.4 |
| -15° | 3527.3 | 2533.5 | 1812.8 | 1324.3 | 1002.0 | 801.9 | 665.0 | 568.5 | 503.1 | 447.4 | 405.7 |
| -17.5° | 2837.9 | 2049.9 | 1488.7 | 1133.5 | 903.2 | 744.6 | 629.8 | 546.8 | 486.2 | 435.5 | 397.4 |
| -20° | 2191.2 | 1623.1 | 1256.7 | 990.6 | 806.4 | 677.7 | 587.5 | 522.3 | 468.6 | 424.8 | 390.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1646.2 | 1315.3 | 1044.8 | 850.9 | 723.7 | 625.6 | 551.0 | 495.6 | 449.2 | 412.4 | 382.4 |
| -25° | 1275.8 | 1057.2 | 881.0 | 753.1 | 650.1 | 571.2 | 516.0 | 470.0 | 431.9 | 400.5 | 372.9 |
| -27.5° | 1005.6 | 861.6 | 760.0 | 662.0 | 586.2 | 530.7 | 483.8 | 444.2 | 413.0 | 386.9 | 364.0 |
| -30° | 814.9 | 731.1 | 656.0 | 589.4 | 537.6 | 491.7 | 452.9 | 422.7 | 396.1 | 372.9 | 352.9 |
| -32.5° | 681.8 | 630.8 | 576.1 | 534.3 | 493.1 | 457.6 | 427.9 | 401.7 | 379.3 | 360.1 | 343.0 |
| -35° | 591.4 | 555.3 | 519.3 | 486.7 | 455.6 | 428.5 | 403.6 | 383.0 | 364.4 | 347.4 | 333.1 |
| -37.5° | 524.4 | 498.1 | 472.9 | 446.7 | 423.7 | 401.7 | 383.0 | 365.9 | 349.6 | 336.4 | 322.8 |
| -40° | 472.2 | 452.0 | 433.6 | 413.4 | 396.1 | 379.3 | 364.4 | 349.6 | 337.0 | 324.9 | 312.1 |
| -42.5° | 429.7 | 414.6 | 400.7 | 386.9 | 372.9 | 360.1 | 347.0 | 335.1 | 323.8 | 312.7 | 301.1 |
| -45° | 394.9 | 384.9 | 374.2 | 364.2 | 352.9 | 342.3 | 330.7 | 320.6 | 310.6 | 300.2 | 289.3 |
| -47.5° | 367.5 | 360.2 | 352.1 | 344.6 | 335.9 | 326.1 | 316.1 | 306.4 | 297.0 | 287.4 | 278.6 |
| -50° | 344.6 | 339.6 | 334.0 | 327.8 | 319.8 | 311.0 | 301.6 | 291.9 | 283.4 | 275.1 | 266.4 |
| -52.5° | 326.2 | 322.1 | 317.1 | 311.1 | 303.8 | 295.6 | 286.9 | 277.8 | 269.6 | 261.5 | 252.3 |
| -55° | 310.2 | 306.1 | 300.9 | 294.7 | 287.8 | 280.8 | 272.8 | 263.8 | 254.9 | 247.1 | 236.8 |
| -57.5° | 293.7 | 289.8 | 284.0 | 278.5 | 273.5 | 265.8 | 257.2 | 248.7 | 240.4 | 231.8 | 220.8 |
| -60° | 272.8 | 269.5 | 264.6 | 259.5 | 254.3 | 247.9 | 239.4 | 231.8 | 225.4 | 213.0 | 200.1 |
| -62.5° | 248.5 | 245.7 | 241.4 | 236.3 | 230.9 | 225.1 | 218.5 | 210.3 | 200.7 | 189.8 | 179.0 |
| -65° | 221.2 | 217.3 | 213.5 | 209.9 | 205.9 | 201.2 | 194.1 | 185.8 | 176.9 | 167.5 | 157.7 |
| -67.5° | 193.8 | 190.2 | 187.3 | 184.3 | 180.6 | 175.9 | 169.0 | 161.4 | 153.2 | 143.8 | 135.1 |
| -70° | 168.2 | 165.5 | 162.7 | 159.3 | 155.2 | 150.5 | 144.5 | 137.1 | 128.8 | 120.7 | 114.6 |
| -72.5° | 143.8 | 141.6 | 138.8 | 135.3 | 131.3 | 126.4 | 120.3 | 113.8 | 107.6 | 101.7 | 96.1 |
| -75° | 119.3 | 117.6 | 115.0 | 110.9 | 106.1 | 100.7 | 95.7 | 91.6 | 87.3 | 82.8 | 78.1 |
| -77.5° | 94.0 | 92.4 | 90.2 | 86.3 | 82.4 | 78.4 | 74.6 | 71.4 | 68.2 | 64.8 | 61.3 |
| -80° | 67.9 | 66.8 | 65.3 | 62.9 | 60.5 | 58.0 | 55.5 | 53.1 | 50.5 | 47.9 | 45.1 |
| -82.5° | 45.5 | 44.5 | 43.5 | 42.3 | 41.0 | 39.6 | 38.1 | 36.1 | 33.8 | 31.4 | 28.8 |
| -85° | 26.8 | 26.3 | 25.7 | 25.0 | 24.3 | 23.5 | 22.6 | 21.3 | 20.0 | 18.7 | 17.6 |
| -87.5° | 10.9 | 10.7 | 10.5 | 10.3 | 10.0 | 9.8 | 9.5 | 9.2 | 8.9 | 8.6 | 8.2 |
| -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: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-740-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° | 7.8 | 7.5 | 7.1 | 6.7 | 6.2 | 5.8 | 5.4 | 4.9 | 4.4 | 4.0 | 3.5 |
| 85° | 16.9 | 16.1 | 15.2 | 14.1 | 12.9 | 11.6 | 10.7 | 9.8 | 8.9 | 7.9 | 7.0 |
| 82.5° | 27.3 | 26.3 | 25.3 | 24.0 | 22.1 | 20.2 | 18.2 | 16.2 | 14.1 | 12.0 | 10.4 |
| 80° | 42.4 | 39.8 | 37.2 | 34.7 | 31.8 | 28.8 | 26.1 | 23.4 | 20.7 | 17.9 | 15.0 |
| 77.5° | 57.6 | 53.8 | 49.9 | 46.2 | 42.5 | 38.7 | 34.9 | 30.9 | 27.2 | 23.7 | 20.1 |
| 75° | 73.1 | 68.5 | 63.7 | 58.8 | 53.8 | 48.7 | 44.0 | 39.3 | 34.5 | 29.5 | 25.2 |
| 72.5° | 90.3 | 84.3 | 78.1 | 71.8 | 65.9 | 59.8 | 53.7 | 47.6 | 42.0 | 36.2 | 30.4 |
| 70° | 108.2 | 100.8 | 93.4 | 86.3 | 78.8 | 71.0 | 63.9 | 56.7 | 49.4 | 42.8 | 36.2 |
| 67.5° | 127.0 | 119.4 | 110.7 | 101.2 | 92.8 | 84.0 | 74.4 | 66.0 | 57.7 | 49.4 | 42.0 |
| 65° | 147.6 | 138.1 | 129.0 | 118.1 | 107.4 | 97.2 | 86.8 | 75.7 | 66.0 | 56.7 | 47.6 |
| 62.5° | 167.8 | 156.4 | 145.5 | 134.2 | 122.5 | 110.7 | 99.1 | 86.5 | 74.4 | 63.9 | 53.7 |
| 60° | 187.7 | 175.1 | 161.5 | 148.8 | 136.6 | 124.1 | 110.8 | 97.1 | 83.7 | 71.0 | 59.8 |
| 57.5° | 206.7 | 193.4 | 178.1 | 163.2 | 149.4 | 136.4 | 122.2 | 107.2 | 92.7 | 78.7 | 65.9 |
| 55° | 224.3 | 209.5 | 193.6 | 177.4 | 162.0 | 147.7 | 132.9 | 117.1 | 101.4 | 86.3 | 71.6 |
| 52.5° | 240.6 | 225.1 | 208.1 | 190.9 | 174.1 | 158.5 | 142.9 | 126.5 | 109.8 | 93.6 | 77.8 |
| 50° | 255.7 | 240.5 | 222.5 | 204.1 | 185.6 | 169.1 | 152.8 | 135.5 | 117.8 | 100.7 | 83.9 |
| 47.5° | 268.7 | 254.4 | 237.0 | 217.0 | 197.3 | 179.6 | 162.5 | 144.4 | 125.4 | 107.4 | 89.7 |
| 45° | 279.5 | 267.2 | 250.5 | 230.4 | 209.3 | 190.5 | 172.0 | 153.1 | 133.2 | 113.8 | 95.4 |
| 42.5° | 289.4 | 278.0 | 262.9 | 243.5 | 221.6 | 201.2 | 181.2 | 161.5 | 140.8 | 120.0 | 100.8 |
| 40° | 299.6 | 287.5 | 274.4 | 254.9 | 233.1 | 211.5 | 190.6 | 169.7 | 148.1 | 126.0 | 105.9 |
| 37.5° | 309.0 | 296.5 | 283.2 | 265.5 | 243.5 | 221.2 | 199.6 | 177.6 | 154.9 | 132.1 | 110.8 |
| 35° | 318.6 | 304.6 | 290.9 | 273.8 | 252.5 | 230.0 | 208.1 | 185.2 | 161.3 | 137.7 | 115.4 |
| 32.5° | 327.8 | 312.1 | 297.3 | 280.5 | 260.7 | 238.0 | 215.7 | 191.9 | 167.3 | 142.9 | 119.7 |
| 30° | 336.1 | 319.1 | 303.5 | 287.1 | 267.8 | 244.9 | 222.1 | 197.9 | 172.9 | 147.7 | 123.7 |
| 27.5° | 342.9 | 324.9 | 309.3 | 292.7 | 273.3 | 251.1 | 227.8 | 203.4 | 178.1 | 152.1 | 127.6 |
| 25° | 349.5 | 330.3 | 314.0 | 297.9 | 278.6 | 257.5 | 233.0 | 208.2 | 182.6 | 156.2 | 131.1 |
| 22.5° | 356.9 | 335.3 | 317.7 | 302.7 | 284.0 | 263.5 | 238.0 | 212.3 | 186.5 | 159.9 | 134.1 |
| 20° | 363.5 | 339.6 | 320.4 | 306.6 | 288.2 | 268.0 | 242.7 | 216.1 | 189.9 | 163.2 | 136.8 |
| 17.5° | 369.3 | 344.2 | 324.0 | 308.8 | 291.6 | 271.9 | 247.1 | 219.4 | 192.7 | 166.1 | 139.1 |
| 15° | 375.3 | 349.1 | 327.3 | 310.7 | 294.3 | 275.1 | 251.1 | 222.3 | 195.1 | 168.5 | 141.2 |
| 12.5° | 380.6 | 353.1 | 329.9 | 312.1 | 296.4 | 277.7 | 254.6 | 224.7 | 196.8 | 170.6 | 143.0 |
| 10° | 385.1 | 356.1 | 331.8 | 313.1 | 297.8 | 279.7 | 257.6 | 227.0 | 198.8 | 172.1 | 144.6 |
| 7.5° | 388.5 | 358.2 | 333.1 | 313.6 | 298.8 | 281.3 | 260.2 | 229.7 | 200.4 | 173.2 | 145.9 |
| 5° | 391.1 | 359.9 | 335.0 | 315.4 | 300.0 | 282.6 | 262.0 | 231.8 | 201.6 | 173.8 | 146.8 |
| 2.5° | 393.0 | 361.4 | 337.2 | 317.1 | 300.8 | 283.3 | 263.1 | 233.4 | 202.3 | 173.9 | 147.4 |
| 0° | 393.6 | 361.8 | 338.6 | 318.4 | 301.0 | 283.6 | 263.4 | 234.4 | 202.6 | 173.6 | 147.6 |
| -2.5° | 393.0 | 361.4 | 337.2 | 317.1 | 300.8 | 283.3 | 263.1 | 233.4 | 202.3 | 173.9 | 147.4 |
| -5° | 391.1 | 359.9 | 335.0 | 315.4 | 300.0 | 282.6 | 262.0 | 231.8 | 201.6 | 173.8 | 146.8 |
| -7.5° | 388.5 | 358.2 | 333.1 | 313.6 | 298.8 | 281.3 | 260.2 | 229.7 | 200.4 | 173.2 | 145.9 |
| -10° | 385.1 | 356.1 | 331.8 | 313.1 | 297.8 | 279.7 | 257.6 | 227.0 | 198.8 | 172.1 | 144.6 |
| -12.5° | 380.6 | 353.1 | 329.9 | 312.1 | 296.4 | 277.7 | 254.6 | 224.7 | 196.8 | 170.6 | 143.0 |
| -15° | 375.3 | 349.1 | 327.3 | 310.7 | 294.3 | 275.1 | 251.1 | 222.3 | 195.1 | 168.5 | 141.2 |
| -17.5° | 369.3 | 344.2 | 324.0 | 308.8 | 291.6 | 271.9 | 247.1 | 219.4 | 192.7 | 166.1 | 139.1 |
| -20° | 363.5 | 339.6 | 320.4 | 306.6 | 288.2 | 268.0 | 242.7 | 216.1 | 189.9 | 163.2 | 136.8 |

Classified

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

Scaled Data Report



REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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° | 356.9 | 335.3 | 317.7 | 302.7 | 284.0 | 263.5 | 238.0 | 212.3 | 186.5 | 159.9 | 134.1 |
| -25° | 349.5 | 330.3 | 314.0 | 297.9 | 278.6 | 257.5 | 233.0 | 208.2 | 182.6 | 156.2 | 131.1 |
| -27.5° | 342.9 | 324.9 | 309.3 | 292.7 | 273.3 | 251.1 | 227.8 | 203.4 | 178.1 | 152.1 | 127.6 |
| -30° | 336.1 | 319.1 | 303.5 | 287.1 | 267.8 | 244.9 | 222.1 | 197.9 | 172.9 | 147.7 | 123.7 |
| -32.5° | 327.8 | 312.1 | 297.3 | 280.5 | 260.7 | 238.0 | 215.7 | 191.9 | 167.3 | 142.9 | 119.7 |
| -35° | 318.6 | 304.6 | 290.9 | 273.8 | 252.5 | 230.0 | 208.1 | 185.2 | 161.3 | 137.7 | 115.4 |
| -37.5° | 309.0 | 296.5 | 283.2 | 265.5 | 243.5 | 221.2 | 199.6 | 177.6 | 154.9 | 132.1 | 110.8 |
| -40° | 299.6 | 287.5 | 274.4 | 254.9 | 233.1 | 211.5 | 190.6 | 169.7 | 148.1 | 126.0 | 105.9 |
| -42.5° | 289.4 | 278.0 | 262.9 | 243.5 | 221.6 | 201.2 | 181.2 | 161.5 | 140.8 | 120.0 | 100.8 |
| -45° | 279.5 | 267.2 | 250.5 | 230.4 | 209.3 | 190.5 | 172.0 | 153.1 | 133.2 | 113.8 | 95.4 |
| -47.5° | 268.7 | 254.4 | 237.0 | 217.0 | 197.3 | 179.6 | 162.5 | 144.4 | 125.4 | 107.4 | 89.7 |
| -50° | 255.7 | 240.5 | 222.5 | 204.1 | 185.6 | 169.1 | 152.8 | 135.5 | 117.8 | 100.7 | 83.9 |
| -52.5° | 240.6 | 225.1 | 208.1 | 190.9 | 174.1 | 158.5 | 142.9 | 126.5 | 109.8 | 93.6 | 77.8 |
| -55° | 224.3 | 209.5 | 193.6 | 177.4 | 162.0 | 147.7 | 132.9 | 117.1 | 101.4 | 86.3 | 71.6 |
| -57.5° | 206.7 | 193.4 | 178.1 | 163.2 | 149.4 | 136.4 | 122.2 | 107.2 | 92.7 | 78.7 | 65.9 |
| -60° | 187.7 | 175.1 | 161.5 | 148.8 | 136.6 | 124.1 | 110.8 | 97.1 | 83.7 | 71.0 | 59.8 |
| -62.5° | 167.8 | 156.4 | 145.5 | 134.2 | 122.5 | 110.7 | 99.1 | 86.5 | 74.4 | 63.9 | 53.7 |
| -65° | 147.6 | 138.1 | 129.0 | 118.1 | 107.4 | 97.2 | 86.8 | 75.7 | 66.0 | 56.7 | 47.6 |
| -67.5° | 127.0 | 119.4 | 110.7 | 101.2 | 92.8 | 84.0 | 74.4 | 66.0 | 57.7 | 49.4 | 42.0 |
| -70° | 108.2 | 100.8 | 93.4 | 86.3 | 78.8 | 71.0 | 63.9 | 56.7 | 49.4 | 42.8 | 36.2 |
| -72.5° | 90.3 | 84.3 | 78.1 | 71.8 | 65.9 | 59.8 | 53.7 | 47.6 | 42.0 | 36.2 | 30.4 |
| -75° | 73.1 | 68.5 | 63.7 | 58.8 | 53.8 | 48.7 | 44.0 | 39.3 | 34.5 | 29.5 | 25.2 |
| -77.5° | 57.6 | 53.8 | 49.9 | 46.2 | 42.5 | 38.7 | 34.9 | 30.9 | 27.2 | 23.7 | 20.1 |
| -80° | 42.4 | 39.8 | 37.2 | 34.7 | 31.8 | 28.8 | 26.1 | 23.4 | 20.7 | 17.9 | 15.0 |
| -82.5° | 27.3 | 26.3 | 25.3 | 24.0 | 22.1 | 20.2 | 18.2 | 16.2 | 14.1 | 12.0 | 10.4 |
| -85° | 16.9 | 16.1 | 15.2 | 14.1 | 12.9 | 11.6 | 10.7 | 9.8 | 8.9 | 7.9 | 7.0 |
| -87.5° | 7.8 | 7.5 | 7.1 | 6.7 | 6.2 | 5.8 | 5.4 | 4.9 | 4.4 | 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 |

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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-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° | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 0.4 | 0.0 |
| 85° | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 0.9 | 0.0 |
| 82.5° | 9.0 | 7.5 | 6.0 | 4.5 | 3.0 | 1.3 | 0.0 |
| 80° | 12.1 | 10.0 | 8.0 | 6.0 | 4.0 | 1.8 | 0.0 |
| 77.5° | 16.5 | 12.8 | 10.0 | 7.5 | 5.0 | 2.2 | 0.0 |
| 75° | 20.8 | 16.3 | 12.1 | 9.0 | 5.9 | 2.6 | 0.0 |
| 72.5° | 25.0 | 19.7 | 14.7 | 10.4 | 6.9 | 3.0 | 0.0 |
| 70° | 29.3 | 23.0 | 17.3 | 12.0 | 7.8 | 3.4 | 0.0 |
| 67.5° | 34.1 | 26.3 | 19.8 | 13.8 | 8.7 | 3.8 | 0.0 |
| 65° | 38.9 | 29.9 | 22.2 | 15.6 | 9.6 | 4.2 | 0.0 |
| 62.5° | 43.6 | 33.8 | 24.6 | 17.3 | 10.4 | 4.6 | 0.0 |
| 60° | 48.1 | 37.5 | 26.9 | 19.0 | 11.2 | 5.0 | 0.0 |
| 57.5° | 53.1 | 41.2 | 29.9 | 20.6 | 12.2 | 5.3 | 0.0 |
| 55° | 58.1 | 44.8 | 32.7 | 22.2 | 13.3 | 5.7 | 0.0 |
| 52.5° | 62.9 | 48.4 | 35.5 | 23.7 | 14.3 | 6.0 | 0.0 |
| 50° | 67.5 | 52.3 | 38.2 | 25.1 | 15.2 | 6.3 | 0.0 |
| 47.5° | 72.0 | 56.0 | 40.8 | 26.6 | 16.2 | 6.6 | 0.0 |
| 45° | 76.8 | 59.5 | 43.3 | 28.5 | 17.1 | 6.9 | 0.0 |
| 42.5° | 81.4 | 62.9 | 45.6 | 30.3 | 17.9 | 7.1 | 0.0 |
| 40° | 85.8 | 66.2 | 48.1 | 32.0 | 18.8 | 7.4 | 0.0 |
| 37.5° | 90.0 | 69.2 | 50.5 | 33.7 | 19.6 | 7.6 | 0.0 |
| 35° | 93.9 | 72.4 | 52.8 | 35.2 | 20.3 | 7.8 | 0.0 |
| 32.5° | 97.6 | 75.4 | 55.0 | 36.7 | 21.1 | 8.0 | 0.0 |
| 30° | 101.0 | 78.2 | 57.0 | 38.1 | 21.7 | 8.2 | 0.0 |
| 27.5° | 104.1 | 80.9 | 58.9 | 39.4 | 22.4 | 8.3 | 0.0 |
| 25° | 107.0 | 83.3 | 60.7 | 40.6 | 23.0 | 8.4 | 0.0 |
| 22.5° | 109.7 | 85.4 | 62.4 | 41.6 | 23.5 | 8.6 | 0.0 |
| 20° | 112.0 | 87.3 | 63.9 | 42.6 | 24.0 | 8.6 | 0.0 |
| 17.5° | 114.0 | 88.9 | 65.2 | 43.5 | 24.5 | 8.7 | 0.0 |
| 15° | 115.5 | 90.2 | 66.3 | 44.2 | 24.9 | 8.8 | 0.0 |
| 12.5° | 116.8 | 91.2 | 67.3 | 44.8 | 25.2 | 8.8 | 0.0 |
| 10° | 117.8 | 92.0 | 68.1 | 45.4 | 25.5 | 8.8 | 0.0 |
| 7.5° | 118.5 | 92.5 | 68.7 | 45.8 | 25.7 | 8.8 | 0.0 |
| 5° | 118.9 | 92.8 | 69.1 | 46.1 | 25.9 | 8.8 | 0.0 |
| 2.5° | 118.9 | 92.8 | 69.4 | 46.2 | 26.0 | 8.8 | 0.0 |
| 0° | 118.7 | 92.6 | 69.5 | 46.3 | 26.0 | 8.7 | 0.0 |
| -2.5° | 118.9 | 92.8 | 69.4 | 46.2 | 26.0 | 8.8 | 0.0 |
| -5° | 118.9 | 92.8 | 69.1 | 46.1 | 25.9 | 8.8 | 0.0 |
| -7.5° | 118.5 | 92.5 | 68.7 | 45.8 | 25.7 | 8.8 | 0.0 |
| -10° | 117.8 | 92.0 | 68.1 | 45.4 | 25.5 | 8.8 | 0.0 |
| -12.5° | 116.8 | 91.2 | 67.3 | 44.8 | 25.2 | 8.8 | 0.0 |
| -15° | 115.5 | 90.2 | 66.3 | 44.2 | 24.9 | 8.8 | 0.0 |
| -17.5° | 114.0 | 88.9 | 65.2 | 43.5 | 24.5 | 8.7 | 0.0 |
| -20° | 112.0 | 87.3 | 63.9 | 42.6 | 24.0 | 8.6 | 0.0 |

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Scaled Data Report



REPORT NUMBER: P627109 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 109.7 | 85.4 | 62.4 | 41.6 | 23.5 | 8.6 | 0.0 |
| -25° | 107.0 | 83.3 | 60.7 | 40.6 | 23.0 | 8.4 | 0.0 |
| -27.5° | 104.1 | 80.9 | 58.9 | 39.4 | 22.4 | 8.3 | 0.0 |
| -30° | 101.0 | 78.2 | 57.0 | 38.1 | 21.7 | 8.2 | 0.0 |
| -32.5° | 97.6 | 75.4 | 55.0 | 36.7 | 21.1 | 8.0 | 0.0 |
| -35° | 93.9 | 72.4 | 52.8 | 35.2 | 20.3 | 7.8 | 0.0 |
| -37.5° | 90.0 | 69.2 | 50.5 | 33.7 | 19.6 | 7.6 | 0.0 |
| -40° | 85.8 | 66.2 | 48.1 | 32.0 | 18.8 | 7.4 | 0.0 |
| -42.5° | 81.4 | 62.9 | 45.6 | 30.3 | 17.9 | 7.1 | 0.0 |
| -45° | 76.8 | 59.5 | 43.3 | 28.5 | 17.1 | 6.9 | 0.0 |
| -47.5° | 72.0 | 56.0 | 40.8 | 26.6 | 16.2 | 6.6 | 0.0 |
| -50° | 67.5 | 52.3 | 38.2 | 25.1 | 15.2 | 6.3 | 0.0 |
| -52.5° | 62.9 | 48.4 | 35.5 | 23.7 | 14.3 | 6.0 | 0.0 |
| -55° | 58.1 | 44.8 | 32.7 | 22.2 | 13.3 | 5.7 | 0.0 |
| -57.5° | 53.1 | 41.2 | 29.9 | 20.6 | 12.2 | 5.3 | 0.0 |
| -60° | 48.1 | 37.5 | 26.9 | 19.0 | 11.2 | 5.0 | 0.0 |
| -62.5° | 43.6 | 33.8 | 24.6 | 17.3 | 10.4 | 4.6 | 0.0 |
| -65° | 38.9 | 29.9 | 22.2 | 15.6 | 9.6 | 4.2 | 0.0 |
| -67.5° | 34.1 | 26.3 | 19.8 | 13.8 | 8.7 | 3.8 | 0.0 |
| -70° | 29.3 | 23.0 | 17.3 | 12.0 | 7.8 | 3.4 | 0.0 |
| -72.5° | 25.0 | 19.7 | 14.7 | 10.4 | 6.9 | 3.0 | 0.0 |
| -75° | 20.8 | 16.3 | 12.1 | 9.0 | 5.9 | 2.6 | 0.0 |
| -77.5° | 16.5 | 12.8 | 10.0 | 7.5 | 5.0 | 2.2 | 0.0 |
| -80° | 12.1 | 10.0 | 8.0 | 6.0 | 4.0 | 1.8 | 0.0 |
| -82.5° | 9.0 | 7.5 | 6.0 | 4.5 | 3.0 | 1.3 | 0.0 |
| -85° | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 0.9 | 0.0 |
| -87.5° | 3.0 | 2.5 | 2.0 | 1.5 | 1.0 | 0.4 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)