

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: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-735-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1C-735-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N21
Light Source: (16) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

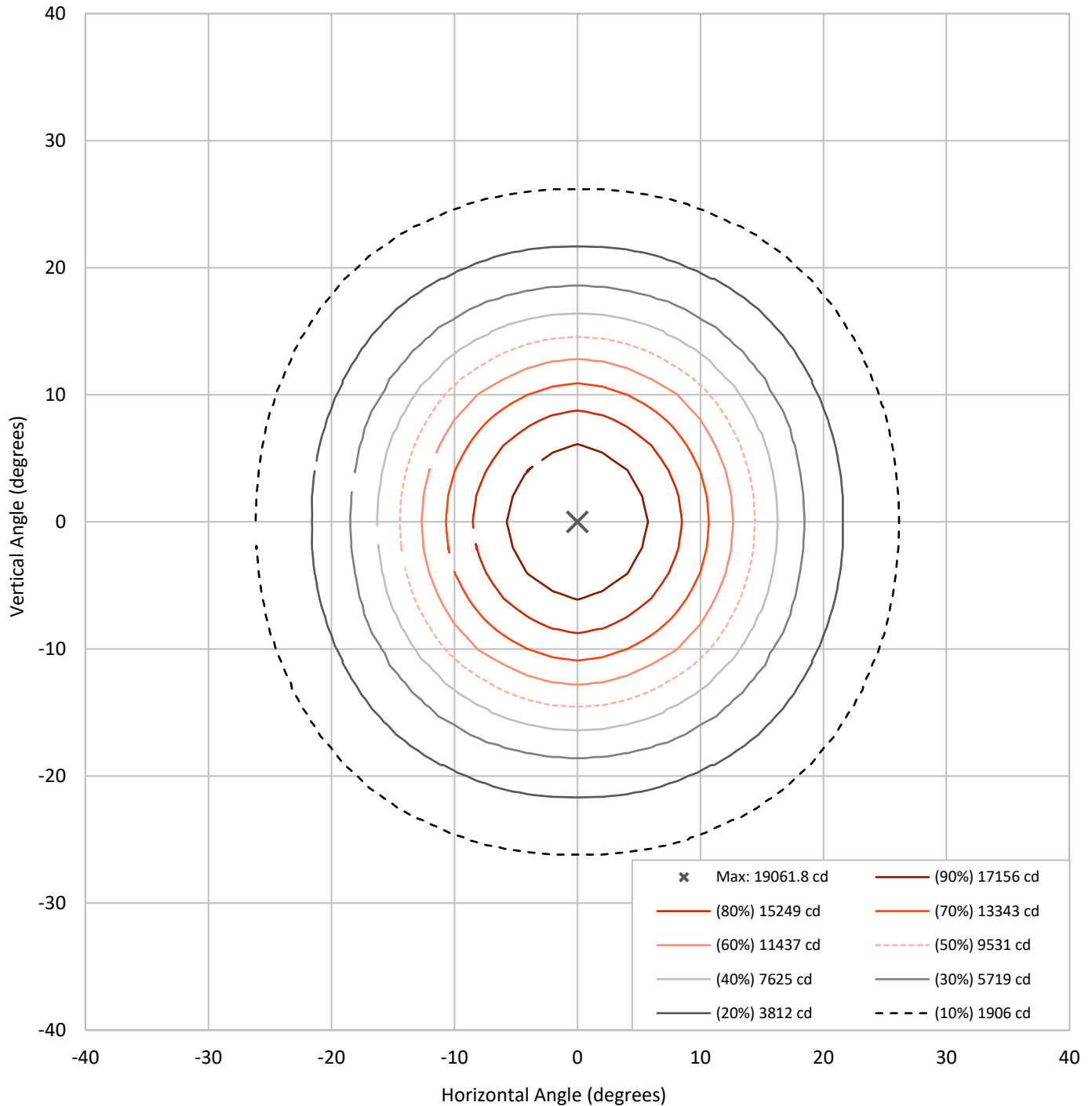
Summary

| | | | |
|-----------------------------------|--|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 5955.6 lumens | Max Intensity: | 19061.8 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 136.9 lumens/watt | | |
| Luminous Opening: | Rectangular (W 0.5' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 28.8°H x 29°V | Field Angle (10%): | 52.3°H x 52.3°V |
| Beam Lumens: | 2895.5 lumens | Field Lumens: | 4886.5 lumens |
| Beam Efficiency: | 48.6% | Field Efficiency: | 82.0% |
| Input Watts (W): | 43.5 | | |
| 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: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

Iso-Candela Plot





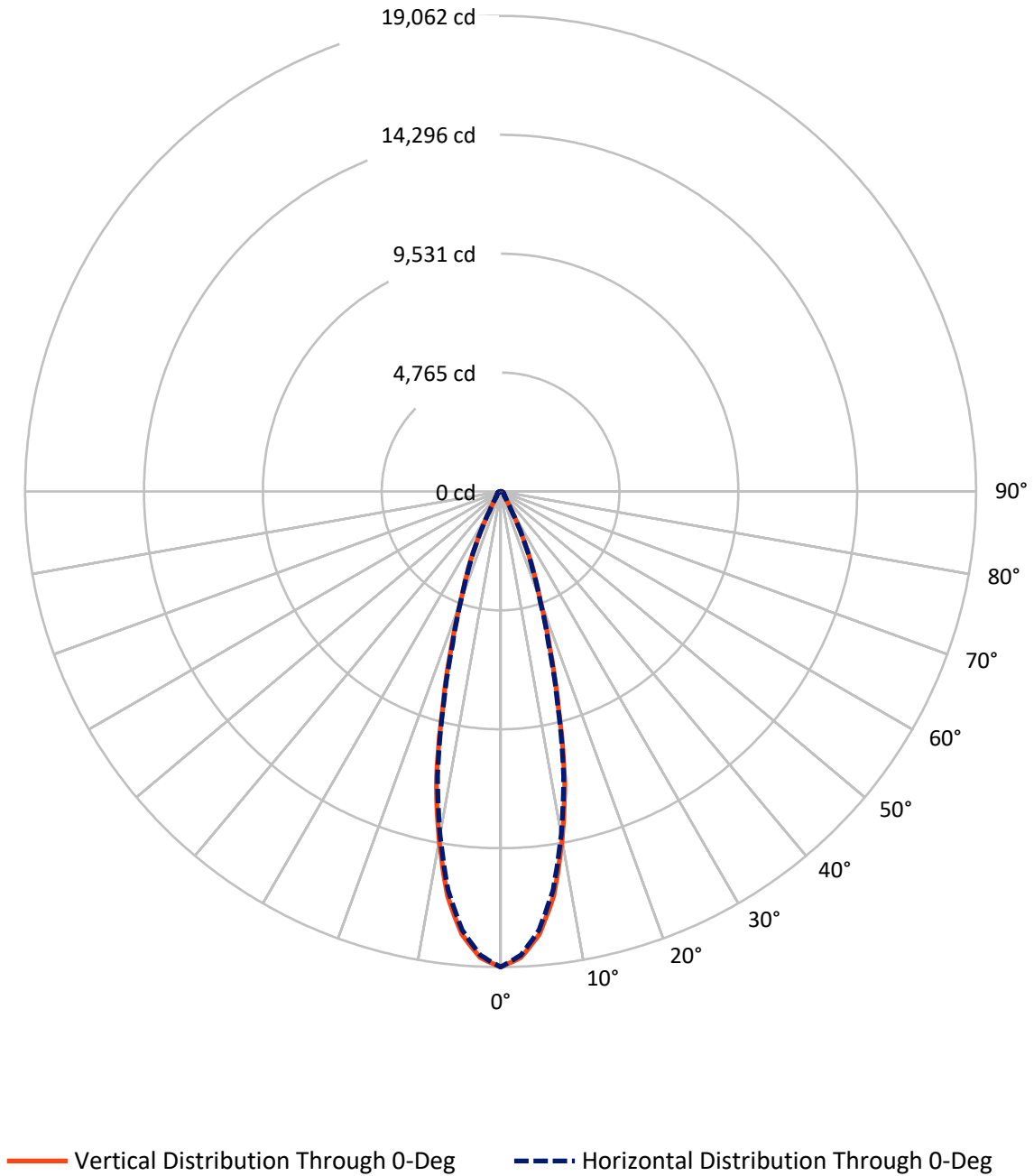
REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|-------|-------|-------|------|------|-----|-----|-----|-----|
| 90 | 0.1 | 1.0 | | 2.6 | | 4.1 | | 4.5 | | 4.1 | | 2.6 | | 1.0 | | 0.1 |
| 80 | 0.1 | 1.0 | | 2.6 | | 4.1 | | 4.5 | | 4.1 | | 2.6 | | 1.0 | | 0.1 |
| 70 | 0.4 | 0.5 | 1.0 | 1.7 | 2.4 | 2.9 | 3.2 | 3.4 | 3.4 | 3.2 | 2.9 | 2.4 | 1.7 | 1.0 | 0.5 | 0.4 |
| 60 | | 0.8 | 1.5 | 2.5 | 3.3 | 4.1 | 4.6 | 4.8 | 4.8 | 4.6 | 4.1 | 3.3 | 2.5 | 1.5 | 0.8 | |
| 50 | 0.8 | 1.0 | 2.0 | 3.1 | 4.1 | 5.2 | 6.1 | 6.5 | 6.5 | 6.1 | 5.2 | 4.1 | 3.1 | 2.0 | 1.0 | 0.8 |
| 40 | | 1.2 | 2.3 | 3.5 | 5.0 | 7.1 | 10.3 | 13.4 | 13.4 | 10.3 | 7.1 | 5.0 | 3.5 | 2.3 | 1.2 | |
| 30 | 1.0 | 1.3 | 2.5 | 4.0 | 6.4 | 13.9 | 39.2 | 69.5 | 69.5 | 39.2 | 13.9 | 6.4 | 4.0 | 2.5 | 1.3 | 1.0 |
| 20 | | 1.4 | 2.7 | 4.3 | 8.7 | 36.6 | 130.3 | 249.6 | 249.6 | 130.3 | 36.6 | 8.7 | 4.3 | 2.7 | 1.4 | |
| 10 | 1.1 | 1.4 | 2.7 | 4.6 | 11.1 | 63.1 | 241.1 | 474.3 | 474.3 | 241.1 | 63.1 | 11.1 | 4.6 | 2.7 | 1.4 | 1.1 |
| 0 | | 1.4 | 2.7 | 4.6 | 11.1 | 63.1 | 241.1 | 474.3 | 474.3 | 241.1 | 63.1 | 11.1 | 4.6 | 2.7 | 1.4 | |
| -10 | 1.0 | 1.4 | 2.7 | 4.6 | 11.1 | 63.1 | 241.1 | 474.3 | 474.3 | 241.1 | 63.1 | 11.1 | 4.6 | 2.7 | 1.4 | 1.0 |
| -20 | | 1.4 | 2.7 | 4.3 | 8.7 | 36.6 | 130.3 | 249.6 | 249.6 | 130.3 | 36.6 | 8.7 | 4.3 | 2.7 | 1.4 | |
| -30 | 0.8 | 1.3 | 2.5 | 4.0 | 6.4 | 13.9 | 39.2 | 69.5 | 69.5 | 39.2 | 13.9 | 6.4 | 4.0 | 2.5 | 1.3 | 0.8 |
| -40 | | 1.2 | 2.3 | 3.5 | 5.0 | 7.1 | 10.3 | 13.4 | 13.4 | 10.3 | 7.1 | 5.0 | 3.5 | 2.3 | 1.2 | |
| -50 | 0.4 | 1.0 | 2.0 | 3.1 | 4.1 | 5.2 | 6.1 | 6.5 | 6.5 | 6.1 | 5.2 | 4.1 | 3.1 | 2.0 | 1.0 | 0.4 |
| -60 | | 0.8 | 1.5 | 2.5 | 3.3 | 4.1 | 4.6 | 4.8 | 4.8 | 4.6 | 4.1 | 3.3 | 2.5 | 1.5 | 0.8 | |
| -70 | 0.4 | 0.8 | 1.5 | 2.5 | 3.3 | 4.1 | 4.6 | 4.8 | 4.8 | 4.6 | 4.1 | 3.3 | 2.5 | 1.5 | 0.8 | 0.4 |
| -80 | | 0.5 | 1.0 | 1.7 | 2.4 | 2.9 | 3.2 | 3.4 | 3.4 | 3.2 | 2.9 | 2.4 | 1.7 | 1.0 | 0.5 | |
| -90 | 0.1 | 1.0 | | 2.6 | | 4.1 | | 4.5 | | 4.1 | | 2.6 | | 1.0 | | 0.1 |

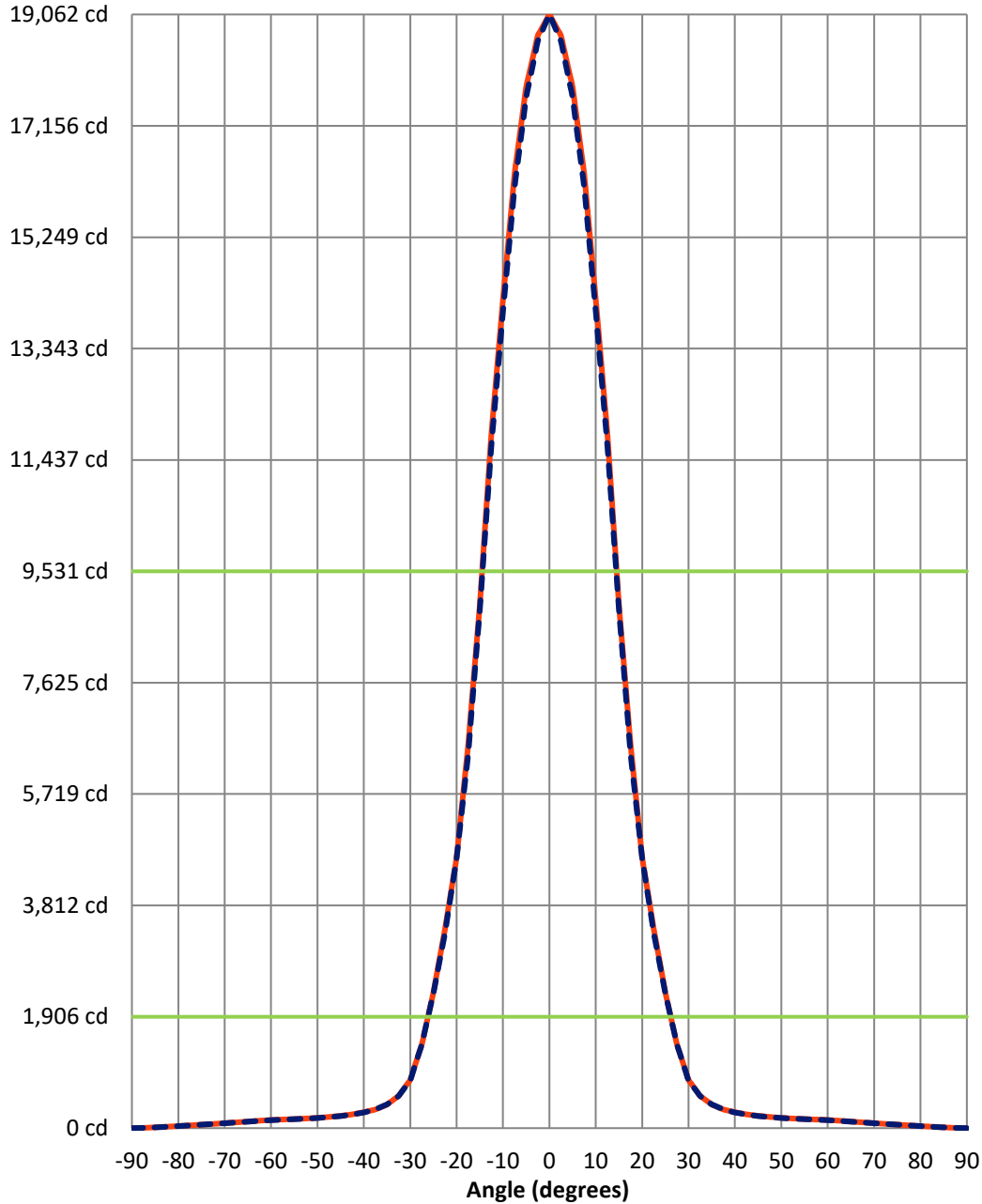
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CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 2895.5
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 4886.5
 Efficiency: 82.0%

Spill:
 Lumens: 1069.1
 Efficiency: 18.0%

- 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 | 0.2 | 0.4 | 0.6 | 0.9 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 2.1 |
| 85° | 0.0 | 0.4 | 0.9 | 1.3 | 1.7 | 2.1 | 2.5 | 2.9 | 3.3 | 3.7 | 4.1 |
| 82.5° | 0.0 | 0.6 | 1.3 | 1.9 | 2.5 | 3.2 | 3.8 | 4.4 | 5.1 | 6.3 | 7.5 |
| 80° | 0.0 | 0.9 | 1.7 | 2.5 | 3.4 | 4.2 | 5.2 | 6.6 | 8.2 | 9.9 | 11.6 |
| 77.5° | 0.0 | 1.1 | 2.1 | 3.2 | 4.2 | 5.5 | 7.3 | 9.3 | 11.3 | 13.4 | 15.7 |
| 75° | 0.0 | 1.3 | 2.5 | 3.8 | 5.2 | 7.3 | 9.5 | 11.8 | 14.4 | 17.3 | 20.2 |
| 72.5° | 0.0 | 1.5 | 2.9 | 4.4 | 6.6 | 9.1 | 11.7 | 14.5 | 18.0 | 21.4 | 24.7 |
| 70° | 0.0 | 1.7 | 3.3 | 5.1 | 8.0 | 10.9 | 13.8 | 17.7 | 21.5 | 25.4 | 29.5 |
| 67.5° | 0.0 | 1.9 | 3.7 | 6.1 | 9.4 | 12.6 | 16.5 | 20.7 | 25.0 | 29.7 | 34.3 |
| 65° | 0.0 | 2.1 | 4.1 | 7.2 | 10.8 | 14.6 | 19.1 | 23.7 | 28.8 | 34.0 | 39.2 |
| 62.5° | 0.0 | 2.3 | 4.5 | 8.2 | 12.1 | 16.7 | 21.7 | 26.9 | 32.6 | 38.2 | 44.2 |
| 60° | 0.0 | 2.4 | 4.9 | 9.2 | 13.4 | 18.8 | 24.2 | 30.1 | 36.3 | 42.6 | 49.1 |
| 57.5° | 0.0 | 2.6 | 5.5 | 10.1 | 15.1 | 20.9 | 26.9 | 33.3 | 39.9 | 46.7 | 53.9 |
| 55° | 0.0 | 2.8 | 6.2 | 11.1 | 16.7 | 22.9 | 29.4 | 36.3 | 43.4 | 50.8 | 58.6 |
| 52.5° | 0.0 | 3.0 | 6.8 | 12.0 | 18.2 | 24.8 | 31.9 | 39.3 | 46.8 | 54.9 | 63.2 |
| 50° | 0.0 | 3.1 | 7.3 | 12.9 | 19.7 | 26.8 | 34.3 | 42.1 | 50.1 | 58.9 | 67.4 |
| 47.5° | 0.0 | 3.3 | 7.9 | 13.8 | 21.1 | 28.7 | 36.6 | 44.9 | 53.5 | 62.8 | 71.4 |
| 45° | 0.0 | 3.5 | 8.5 | 14.8 | 22.5 | 30.5 | 38.8 | 47.5 | 56.9 | 66.2 | 75.2 |
| 42.5° | 0.0 | 3.6 | 9.0 | 15.8 | 23.9 | 32.2 | 41.0 | 50.2 | 60.0 | 69.4 | 78.7 |
| 40° | 0.0 | 3.8 | 9.5 | 16.7 | 25.1 | 33.8 | 43.1 | 52.8 | 62.9 | 72.4 | 82.1 |
| 37.5° | 0.0 | 3.9 | 9.9 | 17.6 | 26.4 | 35.3 | 45.0 | 55.2 | 65.4 | 75.3 | 85.2 |
| 35° | 0.0 | 4.0 | 10.4 | 18.4 | 27.5 | 36.8 | 46.9 | 57.4 | 67.8 | 78.0 | 88.1 |
| 32.5° | 0.0 | 4.1 | 10.8 | 19.2 | 28.6 | 38.2 | 48.6 | 59.5 | 70.1 | 80.5 | 91.0 |
| 30° | 0.0 | 4.2 | 11.2 | 19.9 | 29.6 | 39.6 | 50.3 | 61.4 | 72.2 | 82.9 | 93.6 |
| 27.5° | 0.0 | 4.3 | 11.6 | 20.5 | 30.4 | 40.8 | 51.8 | 63.1 | 74.1 | 85.1 | 96.0 |
| 25° | 0.0 | 4.4 | 11.9 | 21.1 | 31.3 | 41.9 | 53.2 | 64.6 | 75.8 | 87.1 | 98.3 |
| 22.5° | 0.0 | 4.5 | 12.2 | 21.6 | 32.0 | 43.0 | 54.4 | 66.0 | 77.4 | 88.9 | 100.5 |
| 20° | 0.0 | 4.6 | 12.5 | 22.0 | 32.7 | 43.9 | 55.5 | 67.2 | 78.8 | 90.4 | 102.5 |
| 17.5° | 0.0 | 4.7 | 12.7 | 22.4 | 33.3 | 44.6 | 56.5 | 68.2 | 80.0 | 91.8 | 104.2 |
| 15° | 0.0 | 4.7 | 12.9 | 22.7 | 33.9 | 45.2 | 57.4 | 69.2 | 81.0 | 93.0 | 105.7 |
| 12.5° | 0.0 | 4.8 | 13.1 | 22.9 | 34.4 | 45.8 | 58.2 | 70.1 | 82.0 | 94.0 | 106.9 |
| 10° | 0.0 | 4.8 | 13.2 | 23.1 | 34.8 | 46.1 | 58.8 | 70.9 | 82.9 | 95.1 | 108.0 |
| 7.5° | 0.0 | 4.9 | 13.4 | 23.2 | 35.1 | 46.4 | 59.3 | 71.4 | 83.5 | 96.1 | 109.2 |
| 5° | 0.0 | 4.9 | 13.4 | 23.3 | 35.3 | 46.5 | 59.7 | 71.9 | 84.0 | 96.9 | 110.2 |
| 2.5° | 0.0 | 4.9 | 13.5 | 23.3 | 35.5 | 46.6 | 59.9 | 72.1 | 84.3 | 97.5 | 110.9 |
| 0° | 0.0 | 4.9 | 13.5 | 23.2 | 35.5 | 46.5 | 60.0 | 72.2 | 84.4 | 97.9 | 111.3 |
| -2.5° | 0.0 | 4.9 | 13.5 | 23.3 | 35.5 | 46.6 | 59.9 | 72.1 | 84.3 | 97.5 | 110.9 |
| -5° | 0.0 | 4.9 | 13.4 | 23.3 | 35.3 | 46.5 | 59.7 | 71.9 | 84.0 | 96.9 | 110.2 |
| -7.5° | 0.0 | 4.9 | 13.4 | 23.2 | 35.1 | 46.4 | 59.3 | 71.4 | 83.5 | 96.1 | 109.2 |
| -10° | 0.0 | 4.8 | 13.2 | 23.1 | 34.8 | 46.1 | 58.8 | 70.9 | 82.9 | 95.1 | 108.0 |
| -12.5° | 0.0 | 4.8 | 13.1 | 22.9 | 34.4 | 45.8 | 58.2 | 70.1 | 82.0 | 94.0 | 106.9 |
| -15° | 0.0 | 4.7 | 12.9 | 22.7 | 33.9 | 45.2 | 57.4 | 69.2 | 81.0 | 93.0 | 105.7 |
| -17.5° | 0.0 | 4.7 | 12.7 | 22.4 | 33.3 | 44.6 | 56.5 | 68.2 | 80.0 | 91.8 | 104.2 |
| -20° | 0.0 | 4.6 | 12.5 | 22.0 | 32.7 | 43.9 | 55.5 | 67.2 | 78.8 | 90.4 | 102.5 |

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Scaled Data Report



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 0.0 | 4.5 | 12.2 | 21.6 | 32.0 | 43.0 | 54.4 | 66.0 | 77.4 | 88.9 | 100.5 |
| -25° | 0.0 | 4.4 | 11.9 | 21.1 | 31.3 | 41.9 | 53.2 | 64.6 | 75.8 | 87.1 | 98.3 |
| -27.5° | 0.0 | 4.3 | 11.6 | 20.5 | 30.4 | 40.8 | 51.8 | 63.1 | 74.1 | 85.1 | 96.0 |
| -30° | 0.0 | 4.2 | 11.2 | 19.9 | 29.6 | 39.6 | 50.3 | 61.4 | 72.2 | 82.9 | 93.6 |
| -32.5° | 0.0 | 4.1 | 10.8 | 19.2 | 28.6 | 38.2 | 48.6 | 59.5 | 70.1 | 80.5 | 91.0 |
| -35° | 0.0 | 4.0 | 10.4 | 18.4 | 27.5 | 36.8 | 46.9 | 57.4 | 67.8 | 78.0 | 88.1 |
| -37.5° | 0.0 | 3.9 | 9.9 | 17.6 | 26.4 | 35.3 | 45.0 | 55.2 | 65.4 | 75.3 | 85.2 |
| -40° | 0.0 | 3.8 | 9.5 | 16.7 | 25.1 | 33.8 | 43.1 | 52.8 | 62.9 | 72.4 | 82.1 |
| -42.5° | 0.0 | 3.6 | 9.0 | 15.8 | 23.9 | 32.2 | 41.0 | 50.2 | 60.0 | 69.4 | 78.7 |
| -45° | 0.0 | 3.5 | 8.5 | 14.8 | 22.5 | 30.5 | 38.8 | 47.5 | 56.9 | 66.2 | 75.2 |
| -47.5° | 0.0 | 3.3 | 7.9 | 13.8 | 21.1 | 28.7 | 36.6 | 44.9 | 53.5 | 62.8 | 71.4 |
| -50° | 0.0 | 3.1 | 7.3 | 12.9 | 19.7 | 26.8 | 34.3 | 42.1 | 50.1 | 58.9 | 67.4 |
| -52.5° | 0.0 | 3.0 | 6.8 | 12.0 | 18.2 | 24.8 | 31.9 | 39.3 | 46.8 | 54.9 | 63.2 |
| -55° | 0.0 | 2.8 | 6.2 | 11.1 | 16.7 | 22.9 | 29.4 | 36.3 | 43.4 | 50.8 | 58.6 |
| -57.5° | 0.0 | 2.6 | 5.5 | 10.1 | 15.1 | 20.9 | 26.9 | 33.3 | 39.9 | 46.7 | 53.9 |
| -60° | 0.0 | 2.4 | 4.9 | 9.2 | 13.4 | 18.8 | 24.2 | 30.1 | 36.3 | 42.6 | 49.1 |
| -62.5° | 0.0 | 2.3 | 4.5 | 8.2 | 12.1 | 16.7 | 21.7 | 26.9 | 32.6 | 38.2 | 44.2 |
| -65° | 0.0 | 2.1 | 4.1 | 7.2 | 10.8 | 14.6 | 19.1 | 23.7 | 28.8 | 34.0 | 39.2 |
| -67.5° | 0.0 | 1.9 | 3.7 | 6.1 | 9.4 | 12.6 | 16.5 | 20.7 | 25.0 | 29.7 | 34.3 |
| -70° | 0.0 | 1.7 | 3.3 | 5.1 | 8.0 | 10.9 | 13.8 | 17.7 | 21.5 | 25.4 | 29.5 |
| -72.5° | 0.0 | 1.5 | 2.9 | 4.4 | 6.6 | 9.1 | 11.7 | 14.5 | 18.0 | 21.4 | 24.7 |
| -75° | 0.0 | 1.3 | 2.5 | 3.8 | 5.2 | 7.3 | 9.5 | 11.8 | 14.4 | 17.3 | 20.2 |
| -77.5° | 0.0 | 1.1 | 2.1 | 3.2 | 4.2 | 5.5 | 7.3 | 9.3 | 11.3 | 13.4 | 15.7 |
| -80° | 0.0 | 0.9 | 1.7 | 2.5 | 3.4 | 4.2 | 5.2 | 6.6 | 8.2 | 9.9 | 11.6 |
| -82.5° | 0.0 | 0.6 | 1.3 | 1.9 | 2.5 | 3.2 | 3.8 | 4.4 | 5.1 | 6.3 | 7.5 |
| -85° | 0.0 | 0.4 | 0.9 | 1.3 | 1.7 | 2.1 | 2.5 | 2.9 | 3.3 | 3.7 | 4.1 |
| -87.5° | 0.0 | 0.2 | 0.4 | 0.6 | 0.9 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 2.1 |
| -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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CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.3 | 2.4 | 2.6 | 2.8 | 3.0 | 3.1 | 3.3 | 3.5 | 3.6 | 3.8 | 3.9 |
| 85° | 4.5 | 4.9 | 5.6 | 6.3 | 7.0 | 7.7 | 8.3 | 9.0 | 9.5 | 10.1 | 10.6 |
| 82.5° | 8.6 | 9.8 | 10.9 | 11.9 | 13.0 | 14.0 | 14.9 | 15.9 | 16.7 | 17.6 | 18.4 |
| 80° | 13.1 | 14.6 | 16.1 | 17.5 | 18.9 | 20.2 | 21.5 | 22.7 | 23.9 | 25.2 | 26.5 |
| 77.5° | 17.9 | 19.8 | 21.5 | 23.1 | 24.8 | 26.9 | 28.9 | 30.9 | 32.7 | 34.5 | 36.2 |
| 75° | 22.7 | 24.9 | 27.3 | 29.7 | 32.1 | 34.6 | 37.1 | 39.4 | 41.7 | 44.0 | 46.4 |
| 72.5° | 27.9 | 30.8 | 33.7 | 36.5 | 39.6 | 42.7 | 45.4 | 48.0 | 50.8 | 54.0 | 56.9 |
| 70° | 33.3 | 36.7 | 40.4 | 44.0 | 47.5 | 50.9 | 54.3 | 57.8 | 61.3 | 64.7 | 68.0 |
| 67.5° | 38.8 | 43.1 | 47.3 | 51.4 | 55.4 | 59.4 | 63.5 | 67.7 | 71.8 | 75.6 | 79.4 |
| 65° | 44.6 | 49.5 | 54.1 | 58.7 | 63.1 | 68.1 | 72.9 | 77.6 | 82.8 | 87.5 | 91.6 |
| 62.5° | 50.3 | 55.7 | 60.9 | 66.0 | 71.4 | 76.9 | 82.5 | 88.4 | 94.5 | 98.9 | 102.7 |
| 60° | 55.8 | 61.8 | 67.6 | 73.5 | 79.6 | 85.8 | 92.2 | 98.5 | 104.1 | 108.9 | 112.9 |
| 57.5° | 61.1 | 67.9 | 74.3 | 80.7 | 87.3 | 94.4 | 101.5 | 107.9 | 113.1 | 117.7 | 122.1 |
| 55° | 66.2 | 73.8 | 80.6 | 87.5 | 94.9 | 103.2 | 110.5 | 116.3 | 121.6 | 125.4 | 129.6 |
| 52.5° | 71.2 | 79.2 | 86.4 | 94.0 | 102.6 | 111.2 | 118.4 | 124.1 | 128.5 | 132.5 | 136.5 |
| 50° | 75.9 | 84.0 | 91.9 | 100.6 | 109.7 | 118.3 | 125.6 | 130.8 | 135.3 | 139.4 | 143.3 |
| 47.5° | 80.1 | 88.5 | 97.5 | 106.9 | 116.3 | 124.8 | 131.8 | 137.1 | 141.8 | 146.0 | 150.3 |
| 45° | 84.2 | 93.2 | 102.7 | 113.0 | 122.7 | 131.1 | 137.5 | 143.1 | 147.6 | 152.3 | 157.7 |
| 42.5° | 88.0 | 97.7 | 108.0 | 118.9 | 128.8 | 136.5 | 142.7 | 148.1 | 153.2 | 159.0 | 165.0 |
| 40° | 91.8 | 101.8 | 113.0 | 124.5 | 134.6 | 141.2 | 147.4 | 153.1 | 159.1 | 165.6 | 172.2 |
| 37.5° | 95.3 | 106.1 | 117.7 | 129.7 | 138.8 | 145.7 | 152.1 | 158.5 | 165.2 | 172.2 | 180.4 |
| 35° | 98.5 | 110.1 | 122.2 | 133.8 | 142.5 | 150.0 | 156.9 | 163.9 | 171.3 | 179.9 | 189.0 |
| 32.5° | 101.7 | 113.6 | 126.4 | 137.2 | 145.9 | 153.9 | 161.5 | 169.4 | 178.0 | 187.4 | 197.7 |
| 30° | 104.8 | 117.1 | 130.1 | 140.7 | 148.9 | 157.1 | 166.1 | 174.8 | 184.4 | 194.8 | 207.0 |
| 27.5° | 107.8 | 120.4 | 133.1 | 143.5 | 151.6 | 159.9 | 169.5 | 180.2 | 190.6 | 202.0 | 216.1 |
| 25° | 110.5 | 123.7 | 136.1 | 145.7 | 153.9 | 162.6 | 172.6 | 184.0 | 196.2 | 209.8 | 227.0 |
| 22.5° | 113.1 | 126.7 | 139.0 | 147.6 | 155.8 | 165.0 | 175.8 | 187.8 | 201.0 | 216.9 | 237.8 |
| 20° | 115.6 | 129.1 | 140.9 | 149.3 | 157.3 | 166.9 | 178.5 | 191.1 | 206.2 | 225.4 | 250.5 |
| 17.5° | 117.7 | 131.0 | 142.2 | 150.7 | 159.0 | 168.8 | 180.8 | 193.9 | 211.0 | 232.9 | 262.6 |
| 15° | 119.5 | 132.6 | 143.3 | 151.8 | 160.4 | 170.8 | 183.1 | 197.4 | 216.1 | 240.3 | 273.1 |
| 12.5° | 121.0 | 133.9 | 144.3 | 152.6 | 161.5 | 172.3 | 185.1 | 200.8 | 221.2 | 248.4 | 287.3 |
| 10° | 122.2 | 134.8 | 145.0 | 153.0 | 162.3 | 173.3 | 186.7 | 203.5 | 225.4 | 255.1 | 299.4 |
| 7.5° | 123.3 | 135.6 | 145.5 | 153.3 | 162.8 | 173.8 | 187.8 | 205.3 | 228.4 | 260.2 | 309.1 |
| 5° | 124.2 | 136.4 | 145.8 | 153.7 | 163.1 | 174.0 | 188.5 | 206.4 | 230.3 | 263.5 | 315.9 |
| 2.5° | 124.6 | 136.8 | 145.9 | 154.1 | 163.0 | 174.0 | 189.4 | 207.0 | 232.4 | 266.3 | 319.8 |
| 0° | 124.8 | 137.0 | 145.6 | 154.2 | 162.7 | 173.7 | 189.7 | 206.8 | 233.7 | 268.0 | 320.6 |
| -2.5° | 124.6 | 136.8 | 145.9 | 154.1 | 163.0 | 174.0 | 189.4 | 207.0 | 232.4 | 266.3 | 319.8 |
| -5° | 124.2 | 136.4 | 145.8 | 153.7 | 163.1 | 174.0 | 188.5 | 206.4 | 230.3 | 263.5 | 315.9 |
| -7.5° | 123.3 | 135.6 | 145.5 | 153.3 | 162.8 | 173.8 | 187.8 | 205.3 | 228.4 | 260.2 | 309.1 |
| -10° | 122.2 | 134.8 | 145.0 | 153.0 | 162.3 | 173.3 | 186.7 | 203.5 | 225.4 | 255.1 | 299.4 |
| -12.5° | 121.0 | 133.9 | 144.3 | 152.6 | 161.5 | 172.3 | 185.1 | 200.8 | 221.2 | 248.4 | 287.3 |
| -15° | 119.5 | 132.6 | 143.3 | 151.8 | 160.4 | 170.8 | 183.1 | 197.4 | 216.1 | 240.3 | 273.1 |
| -17.5° | 117.7 | 131.0 | 142.2 | 150.7 | 159.0 | 168.8 | 180.8 | 193.9 | 211.0 | 232.9 | 262.6 |
| -20° | 115.6 | 129.1 | 140.9 | 149.3 | 157.3 | 166.9 | 178.5 | 191.1 | 206.2 | 225.4 | 250.5 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 113.1 | 126.7 | 139.0 | 147.6 | 155.8 | 165.0 | 175.8 | 187.8 | 201.0 | 216.9 | 237.8 |
| -25° | 110.5 | 123.7 | 136.1 | 145.7 | 153.9 | 162.6 | 172.6 | 184.0 | 196.2 | 209.8 | 227.0 |
| -27.5° | 107.8 | 120.4 | 133.1 | 143.5 | 151.6 | 159.9 | 169.5 | 180.2 | 190.6 | 202.0 | 216.1 |
| -30° | 104.8 | 117.1 | 130.1 | 140.7 | 148.9 | 157.1 | 166.1 | 174.8 | 184.4 | 194.8 | 207.0 |
| -32.5° | 101.7 | 113.6 | 126.4 | 137.2 | 145.9 | 153.9 | 161.5 | 169.4 | 178.0 | 187.4 | 197.7 |
| -35° | 98.5 | 110.1 | 122.2 | 133.8 | 142.5 | 150.0 | 156.9 | 163.9 | 171.3 | 179.9 | 189.0 |
| -37.5° | 95.3 | 106.1 | 117.7 | 129.7 | 138.8 | 145.7 | 152.1 | 158.5 | 165.2 | 172.2 | 180.4 |
| -40° | 91.8 | 101.8 | 113.0 | 124.5 | 134.6 | 141.2 | 147.4 | 153.1 | 159.1 | 165.6 | 172.2 |
| -42.5° | 88.0 | 97.7 | 108.0 | 118.9 | 128.8 | 136.5 | 142.7 | 148.1 | 153.2 | 159.0 | 165.0 |
| -45° | 84.2 | 93.2 | 102.7 | 113.0 | 122.7 | 131.1 | 137.5 | 143.1 | 147.6 | 152.3 | 157.7 |
| -47.5° | 80.1 | 88.5 | 97.5 | 106.9 | 116.3 | 124.8 | 131.8 | 137.1 | 141.8 | 146.0 | 150.3 |
| -50° | 75.9 | 84.0 | 91.9 | 100.6 | 109.7 | 118.3 | 125.6 | 130.8 | 135.3 | 139.4 | 143.3 |
| -52.5° | 71.2 | 79.2 | 86.4 | 94.0 | 102.6 | 111.2 | 118.4 | 124.1 | 128.5 | 132.5 | 136.5 |
| -55° | 66.2 | 73.8 | 80.6 | 87.5 | 94.9 | 103.2 | 110.5 | 116.3 | 121.6 | 125.4 | 129.6 |
| -57.5° | 61.1 | 67.9 | 74.3 | 80.7 | 87.3 | 94.4 | 101.5 | 107.9 | 113.1 | 117.7 | 122.1 |
| -60° | 55.8 | 61.8 | 67.6 | 73.5 | 79.6 | 85.8 | 92.2 | 98.5 | 104.1 | 108.9 | 112.9 |
| -62.5° | 50.3 | 55.7 | 60.9 | 66.0 | 71.4 | 76.9 | 82.5 | 88.4 | 94.5 | 98.9 | 102.7 |
| -65° | 44.6 | 49.5 | 54.1 | 58.7 | 63.1 | 68.1 | 72.9 | 77.6 | 82.8 | 87.5 | 91.6 |
| -67.5° | 38.8 | 43.1 | 47.3 | 51.4 | 55.4 | 59.4 | 63.5 | 67.7 | 71.8 | 75.6 | 79.4 |
| -70° | 33.3 | 36.7 | 40.4 | 44.0 | 47.5 | 50.9 | 54.3 | 57.8 | 61.3 | 64.7 | 68.0 |
| -72.5° | 27.9 | 30.8 | 33.7 | 36.5 | 39.6 | 42.7 | 45.4 | 48.0 | 50.8 | 54.0 | 56.9 |
| -75° | 22.7 | 24.9 | 27.3 | 29.7 | 32.1 | 34.6 | 37.1 | 39.4 | 41.7 | 44.0 | 46.4 |
| -77.5° | 17.9 | 19.8 | 21.5 | 23.1 | 24.8 | 26.9 | 28.9 | 30.9 | 32.7 | 34.5 | 36.2 |
| -80° | 13.1 | 14.6 | 16.1 | 17.5 | 18.9 | 20.2 | 21.5 | 22.7 | 23.9 | 25.2 | 26.5 |
| -82.5° | 8.6 | 9.8 | 10.9 | 11.9 | 13.0 | 14.0 | 14.9 | 15.9 | 16.7 | 17.6 | 18.4 |
| -85° | 4.5 | 4.9 | 5.6 | 6.3 | 7.0 | 7.7 | 8.3 | 9.0 | 9.5 | 10.1 | 10.6 |
| -87.5° | 2.3 | 2.4 | 2.6 | 2.8 | 3.0 | 3.1 | 3.3 | 3.5 | 3.6 | 3.8 | 3.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-MR-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° | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.7 | 4.8 | 4.8 |
| 85° | 11.1 | 11.6 | 12.1 | 12.5 | 12.9 | 13.0 | 13.0 | 13.0 | 12.9 | 13.1 | 13.2 |
| 82.5° | 19.2 | 20.0 | 20.9 | 21.7 | 22.6 | 22.9 | 23.1 | 23.3 | 23.4 | 23.7 | 24.0 |
| 80° | 27.8 | 29.2 | 30.4 | 31.5 | 32.5 | 33.2 | 33.9 | 34.5 | 35.0 | 35.3 | 35.4 |
| 77.5° | 37.8 | 39.5 | 41.0 | 42.5 | 43.8 | 44.8 | 45.7 | 46.3 | 46.8 | 47.2 | 47.4 |
| 75° | 48.7 | 50.8 | 52.6 | 54.3 | 55.9 | 57.0 | 57.8 | 58.4 | 58.7 | 59.2 | 59.5 |
| 72.5° | 59.6 | 61.9 | 64.1 | 66.2 | 68.0 | 69.3 | 70.2 | 70.9 | 71.5 | 71.9 | 72.1 |
| 70° | 71.1 | 73.9 | 76.3 | 78.4 | 80.1 | 81.3 | 82.2 | 83.0 | 83.6 | 84.0 | 84.3 |
| 67.5° | 83.0 | 86.0 | 88.3 | 90.1 | 91.6 | 92.9 | 94.1 | 95.0 | 95.6 | 96.1 | 96.8 |
| 65° | 95.1 | 98.2 | 100.5 | 102.5 | 104.0 | 105.7 | 107.2 | 108.4 | 109.1 | 109.8 | 110.5 |
| 62.5° | 106.5 | 110.0 | 112.7 | 115.2 | 117.8 | 120.2 | 121.6 | 122.7 | 123.4 | 124.1 | 124.9 |
| 60° | 116.9 | 120.8 | 124.1 | 127.2 | 130.3 | 133.5 | 134.7 | 135.7 | 136.7 | 137.6 | 138.4 |
| 57.5° | 126.0 | 130.3 | 134.3 | 137.3 | 140.3 | 143.2 | 145.2 | 146.3 | 147.1 | 147.5 | 147.8 |
| 55° | 134.1 | 138.3 | 142.3 | 145.8 | 149.0 | 152.0 | 154.3 | 155.3 | 156.1 | 156.6 | 157.0 |
| 52.5° | 141.2 | 145.7 | 150.0 | 153.8 | 157.4 | 160.6 | 163.4 | 164.9 | 166.1 | 167.0 | 167.2 |
| 50° | 148.3 | 153.1 | 157.7 | 161.9 | 166.0 | 169.9 | 173.4 | 175.5 | 176.9 | 177.8 | 178.1 |
| 47.5° | 155.6 | 160.9 | 165.9 | 170.7 | 175.3 | 179.9 | 184.2 | 187.0 | 189.1 | 190.6 | 191.7 |
| 45° | 163.3 | 168.9 | 174.5 | 180.2 | 185.5 | 191.4 | 196.8 | 200.9 | 203.9 | 206.5 | 208.6 |
| 42.5° | 171.0 | 177.4 | 183.8 | 191.0 | 198.3 | 205.0 | 211.4 | 216.8 | 221.8 | 226.6 | 230.4 |
| 40° | 179.4 | 186.4 | 195.1 | 203.7 | 212.6 | 220.4 | 229.8 | 238.1 | 245.7 | 254.0 | 260.8 |
| 37.5° | 188.6 | 197.5 | 207.8 | 218.1 | 229.7 | 241.0 | 254.0 | 266.8 | 277.9 | 292.4 | 304.0 |
| 35° | 198.5 | 209.9 | 222.0 | 235.9 | 250.9 | 268.6 | 286.8 | 308.1 | 326.2 | 349.2 | 370.4 |
| 32.5° | 209.6 | 223.0 | 238.8 | 257.8 | 278.1 | 306.5 | 333.2 | 369.3 | 400.2 | 440.1 | 483.6 |
| 30° | 220.9 | 238.2 | 259.7 | 284.3 | 318.5 | 358.9 | 405.8 | 467.0 | 533.1 | 601.5 | 693.6 |
| 27.5° | 234.3 | 256.8 | 283.6 | 321.6 | 372.8 | 428.6 | 524.3 | 627.7 | 771.7 | 885.7 | 1088.7 |
| 25° | 248.7 | 276.5 | 316.2 | 371.3 | 442.0 | 554.9 | 716.5 | 903.6 | 1191.8 | 1448.0 | 1742.6 |
| 22.5° | 265.8 | 303.6 | 356.0 | 428.2 | 551.5 | 745.7 | 997.9 | 1382.2 | 1809.4 | 2231.0 | 2616.3 |
| 20° | 283.9 | 329.5 | 402.9 | 520.5 | 711.0 | 991.8 | 1441.9 | 1991.0 | 2558.1 | 3135.8 | 3622.7 |
| 17.5° | 305.0 | 366.9 | 463.6 | 619.8 | 891.6 | 1372.5 | 1973.6 | 2671.7 | 3412.6 | 4149.9 | 4790.3 |
| 15° | 323.2 | 399.6 | 529.8 | 763.7 | 1169.1 | 1770.6 | 2509.4 | 3391.1 | 4322.8 | 5279.6 | 6316.7 |
| 12.5° | 346.3 | 439.1 | 598.1 | 882.8 | 1415.3 | 2197.2 | 3101.1 | 4124.8 | 5262.5 | 6532.9 | 8149.7 |
| 10° | 367.6 | 480.5 | 687.8 | 1073.5 | 1711.3 | 2595.6 | 3612.2 | 4773.7 | 6249.4 | 8158.5 | 10108.6 |
| 7.5° | 384.6 | 513.3 | 757.5 | 1222.3 | 1959.5 | 2935.9 | 4072.4 | 5465.0 | 7306.0 | 9579.3 | 11807.5 |
| 5° | 396.5 | 536.0 | 807.3 | 1334.8 | 2159.1 | 3196.0 | 4399.0 | 5974.6 | 8196.6 | 10742.4 | 13017.4 |
| 2.5° | 403.9 | 548.5 | 831.6 | 1401.5 | 2289.4 | 3352.6 | 4602.8 | 6298.5 | 8742.5 | 11482.7 | 13786.1 |
| 0° | 407.4 | 550.6 | 816.1 | 1434.0 | 2307.6 | 3341.5 | 4621.4 | 6406.6 | 8872.0 | 11683.8 | 13977.9 |
| -2.5° | 403.9 | 548.5 | 831.6 | 1401.5 | 2289.4 | 3352.6 | 4602.8 | 6298.5 | 8742.5 | 11482.7 | 13786.1 |
| -5° | 396.5 | 536.0 | 807.3 | 1334.8 | 2159.1 | 3196.0 | 4399.0 | 5974.6 | 8196.6 | 10742.4 | 13017.4 |
| -7.5° | 384.6 | 513.3 | 757.5 | 1222.3 | 1959.5 | 2935.9 | 4072.4 | 5465.0 | 7306.0 | 9579.3 | 11807.5 |
| -10° | 367.6 | 480.5 | 687.8 | 1073.5 | 1711.3 | 2595.6 | 3612.2 | 4773.7 | 6249.4 | 8158.5 | 10108.6 |
| -12.5° | 346.3 | 439.1 | 598.1 | 882.8 | 1415.3 | 2197.2 | 3101.1 | 4124.8 | 5262.5 | 6532.9 | 8149.7 |
| -15° | 323.2 | 399.6 | 529.8 | 763.7 | 1169.1 | 1770.6 | 2509.4 | 3391.1 | 4322.8 | 5279.6 | 6316.7 |
| -17.5° | 305.0 | 366.9 | 463.6 | 619.8 | 891.6 | 1372.5 | 1973.6 | 2671.7 | 3412.6 | 4149.9 | 4790.3 |
| -20° | 283.9 | 329.5 | 402.9 | 520.5 | 711.0 | 991.8 | 1441.9 | 1991.0 | 2558.1 | 3135.8 | 3622.7 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|
| -22.5° | 265.8 | 303.6 | 356.0 | 428.2 | 551.5 | 745.7 | 997.9 | 1382.2 | 1809.4 | 2231.0 | 2616.3 |
| -25° | 248.7 | 276.5 | 316.2 | 371.3 | 442.0 | 554.9 | 716.5 | 903.6 | 1191.8 | 1448.0 | 1742.6 |
| -27.5° | 234.3 | 256.8 | 283.6 | 321.6 | 372.8 | 428.6 | 524.3 | 627.7 | 771.7 | 885.7 | 1088.7 |
| -30° | 220.9 | 238.2 | 259.7 | 284.3 | 318.5 | 358.9 | 405.8 | 467.0 | 533.1 | 601.5 | 693.6 |
| -32.5° | 209.6 | 223.0 | 238.8 | 257.8 | 278.1 | 306.5 | 333.2 | 369.3 | 400.2 | 440.1 | 483.6 |
| -35° | 198.5 | 209.9 | 222.0 | 235.9 | 250.9 | 268.6 | 286.8 | 308.1 | 326.2 | 349.2 | 370.4 |
| -37.5° | 188.6 | 197.5 | 207.8 | 218.1 | 229.7 | 241.0 | 254.0 | 266.8 | 277.9 | 292.4 | 304.0 |
| -40° | 179.4 | 186.4 | 195.1 | 203.7 | 212.6 | 220.4 | 229.8 | 238.1 | 245.7 | 254.0 | 260.8 |
| -42.5° | 171.0 | 177.4 | 183.8 | 191.0 | 198.3 | 205.0 | 211.4 | 216.8 | 221.8 | 226.6 | 230.4 |
| -45° | 163.3 | 168.9 | 174.5 | 180.2 | 185.5 | 191.4 | 196.8 | 200.9 | 203.9 | 206.5 | 208.6 |
| -47.5° | 155.6 | 160.9 | 165.9 | 170.7 | 175.3 | 179.9 | 184.2 | 187.0 | 189.1 | 190.6 | 191.7 |
| -50° | 148.3 | 153.1 | 157.7 | 161.9 | 166.0 | 169.9 | 173.4 | 175.5 | 176.9 | 177.8 | 178.1 |
| -52.5° | 141.2 | 145.7 | 150.0 | 153.8 | 157.4 | 160.6 | 163.4 | 164.9 | 166.1 | 167.0 | 167.2 |
| -55° | 134.1 | 138.3 | 142.3 | 145.8 | 149.0 | 152.0 | 154.3 | 155.3 | 156.1 | 156.6 | 157.0 |
| -57.5° | 126.0 | 130.3 | 134.3 | 137.3 | 140.3 | 143.2 | 145.2 | 146.3 | 147.1 | 147.5 | 147.8 |
| -60° | 116.9 | 120.8 | 124.1 | 127.2 | 130.3 | 133.5 | 134.7 | 135.7 | 136.7 | 137.6 | 138.4 |
| -62.5° | 106.5 | 110.0 | 112.7 | 115.2 | 117.8 | 120.2 | 121.6 | 122.7 | 123.4 | 124.1 | 124.9 |
| -65° | 95.1 | 98.2 | 100.5 | 102.5 | 104.0 | 105.7 | 107.2 | 108.4 | 109.1 | 109.8 | 110.5 |
| -67.5° | 83.0 | 86.0 | 88.3 | 90.1 | 91.6 | 92.9 | 94.1 | 95.0 | 95.6 | 96.1 | 96.8 |
| -70° | 71.1 | 73.9 | 76.3 | 78.4 | 80.1 | 81.3 | 82.2 | 83.0 | 83.6 | 84.0 | 84.3 |
| -72.5° | 59.6 | 61.9 | 64.1 | 66.2 | 68.0 | 69.3 | 70.2 | 70.9 | 71.5 | 71.9 | 72.1 |
| -75° | 48.7 | 50.8 | 52.6 | 54.3 | 55.9 | 57.0 | 57.8 | 58.4 | 58.7 | 59.2 | 59.5 |
| -77.5° | 37.8 | 39.5 | 41.0 | 42.5 | 43.8 | 44.8 | 45.7 | 46.3 | 46.8 | 47.2 | 47.4 |
| -80° | 27.8 | 29.2 | 30.4 | 31.5 | 32.5 | 33.2 | 33.9 | 34.5 | 35.0 | 35.3 | 35.4 |
| -82.5° | 19.2 | 20.0 | 20.9 | 21.7 | 22.6 | 22.9 | 23.1 | 23.3 | 23.4 | 23.7 | 24.0 |
| -85° | 11.1 | 11.6 | 12.1 | 12.5 | 12.9 | 13.0 | 13.0 | 13.0 | 12.9 | 13.1 | 13.2 |
| -87.5° | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.7 | 4.8 | 4.8 |
| -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: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-MR-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° | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.7 | 4.7 |
| 85° | 13.4 | 13.4 | 13.5 | 13.5 | 13.5 | 13.4 | 13.4 | 13.2 | 13.1 | 12.9 | 13.0 |
| 82.5° | 24.2 | 24.4 | 24.5 | 24.5 | 24.5 | 24.4 | 24.2 | 24.0 | 23.7 | 23.4 | 23.3 |
| 80° | 35.4 | 35.3 | 35.5 | 35.5 | 35.5 | 35.3 | 35.4 | 35.4 | 35.3 | 35.0 | 34.5 |
| 77.5° | 47.5 | 47.5 | 47.6 | 47.7 | 47.6 | 47.5 | 47.5 | 47.4 | 47.2 | 46.8 | 46.3 |
| 75° | 59.7 | 59.7 | 59.9 | 60.0 | 59.9 | 59.7 | 59.7 | 59.5 | 59.2 | 58.7 | 58.4 |
| 72.5° | 72.1 | 71.9 | 72.1 | 72.2 | 72.1 | 71.9 | 72.1 | 72.1 | 71.9 | 71.5 | 70.9 |
| 70° | 84.3 | 84.1 | 84.9 | 85.6 | 84.9 | 84.1 | 84.3 | 84.3 | 84.0 | 83.6 | 83.0 |
| 67.5° | 97.2 | 97.5 | 98.3 | 99.1 | 98.3 | 97.5 | 97.2 | 96.8 | 96.1 | 95.6 | 95.0 |
| 65° | 110.9 | 110.9 | 111.7 | 112.6 | 111.7 | 110.9 | 110.9 | 110.5 | 109.8 | 109.1 | 108.4 |
| 62.5° | 125.4 | 125.5 | 126.4 | 127.3 | 126.4 | 125.5 | 125.4 | 124.9 | 124.1 | 123.4 | 122.7 |
| 60° | 138.9 | 139.0 | 139.3 | 139.5 | 139.3 | 139.0 | 138.9 | 138.4 | 137.6 | 136.7 | 135.7 |
| 57.5° | 148.0 | 147.8 | 148.0 | 148.1 | 148.0 | 147.8 | 148.0 | 147.8 | 147.5 | 147.1 | 146.3 |
| 55° | 156.9 | 156.5 | 156.0 | 155.4 | 156.0 | 156.5 | 156.9 | 157.0 | 156.6 | 156.1 | 155.3 |
| 52.5° | 167.0 | 166.4 | 165.8 | 165.2 | 165.8 | 166.4 | 167.0 | 167.2 | 167.0 | 166.1 | 164.9 |
| 50° | 177.9 | 177.3 | 176.8 | 176.2 | 176.8 | 177.3 | 177.9 | 178.1 | 177.8 | 176.9 | 175.5 |
| 47.5° | 192.5 | 192.7 | 192.6 | 192.1 | 192.6 | 192.7 | 192.5 | 191.7 | 190.6 | 189.1 | 187.0 |
| 45° | 210.1 | 210.8 | 210.9 | 210.5 | 210.9 | 210.8 | 210.1 | 208.6 | 206.5 | 203.9 | 200.9 |
| 42.5° | 233.1 | 234.7 | 235.5 | 236.1 | 235.5 | 234.7 | 233.1 | 230.4 | 226.6 | 221.8 | 216.8 |
| 40° | 265.8 | 268.9 | 271.0 | 272.9 | 271.0 | 268.9 | 265.8 | 260.8 | 254.0 | 245.7 | 238.1 |
| 37.5° | 312.6 | 318.4 | 320.9 | 319.3 | 320.9 | 318.4 | 312.6 | 304.0 | 292.4 | 277.9 | 266.8 |
| 35° | 386.7 | 397.6 | 403.3 | 403.8 | 403.3 | 397.6 | 386.7 | 370.4 | 349.2 | 326.2 | 308.1 |
| 32.5° | 515.8 | 538.1 | 550.1 | 551.8 | 550.1 | 538.1 | 515.8 | 483.6 | 440.1 | 400.2 | 369.3 |
| 30° | 764.1 | 809.6 | 831.0 | 825.9 | 831.0 | 809.6 | 764.1 | 693.6 | 601.5 | 533.1 | 467.0 |
| 27.5° | 1246.5 | 1360.1 | 1427.5 | 1432.8 | 1427.5 | 1360.1 | 1246.5 | 1088.7 | 885.7 | 771.7 | 627.7 |
| 25° | 2003.5 | 2197.4 | 2321.5 | 2323.5 | 2321.5 | 2197.4 | 2003.5 | 1742.6 | 1448.0 | 1191.8 | 903.6 |
| 22.5° | 2972.6 | 3237.3 | 3382.3 | 3407.6 | 3382.3 | 3237.3 | 2972.6 | 2616.3 | 2231.0 | 1809.4 | 1382.2 |
| 20° | 4095.4 | 4447.5 | 4635.9 | 4636.1 | 4635.9 | 4447.5 | 4095.4 | 3622.7 | 3135.8 | 2558.1 | 1991.0 |
| 17.5° | 5478.2 | 6049.8 | 6408.7 | 6563.2 | 6408.7 | 6049.8 | 5478.2 | 4790.3 | 4149.9 | 3412.6 | 2671.7 |
| 15° | 7315.2 | 8275.8 | 8851.4 | 8955.2 | 8851.4 | 8275.8 | 7315.2 | 6316.7 | 5279.6 | 4322.8 | 3391.1 |
| 12.5° | 9552.0 | 10767.7 | 11584.9 | 11884.4 | 11584.9 | 10767.7 | 9552.0 | 8149.7 | 6532.9 | 5262.5 | 4124.8 |
| 10° | 11887.4 | 13013.8 | 13889.3 | 14183.5 | 13889.3 | 13013.8 | 11887.4 | 10108.6 | 8158.5 | 6249.4 | 4773.7 |
| 7.5° | 13574.5 | 14917.7 | 15903.9 | 16337.0 | 15903.9 | 14917.7 | 13574.5 | 11807.5 | 9579.3 | 7306.0 | 5465.0 |
| 5° | 14906.3 | 16495.7 | 17413.7 | 17821.1 | 17413.7 | 16495.7 | 14906.3 | 13017.4 | 10742.4 | 8196.6 | 5974.6 |
| 2.5° | 15780.2 | 17350.6 | 18322.7 | 18698.4 | 18322.7 | 17350.6 | 15780.2 | 13786.1 | 11482.7 | 8742.5 | 6298.5 |
| 0° | 16106.9 | 17642.5 | 18603.0 | 19061.8 | 18603.0 | 17642.5 | 16106.9 | 13977.9 | 11683.8 | 8872.0 | 6406.6 |
| -2.5° | 15780.2 | 17350.6 | 18322.7 | 18698.4 | 18322.7 | 17350.6 | 15780.2 | 13786.1 | 11482.7 | 8742.5 | 6298.5 |
| -5° | 14906.3 | 16495.7 | 17413.7 | 17821.1 | 17413.7 | 16495.7 | 14906.3 | 13017.4 | 10742.4 | 8196.6 | 5974.6 |
| -7.5° | 13574.5 | 14917.7 | 15903.9 | 16337.0 | 15903.9 | 14917.7 | 13574.5 | 11807.5 | 9579.3 | 7306.0 | 5465.0 |
| -10° | 11887.4 | 13013.8 | 13889.3 | 14183.5 | 13889.3 | 13013.8 | 11887.4 | 10108.6 | 8158.5 | 6249.4 | 4773.7 |
| -12.5° | 9552.0 | 10767.7 | 11584.9 | 11884.4 | 11584.9 | 10767.7 | 9552.0 | 8149.7 | 6532.9 | 5262.5 | 4124.8 |
| -15° | 7315.2 | 8275.8 | 8851.4 | 8955.2 | 8851.4 | 8275.8 | 7315.2 | 6316.7 | 5279.6 | 4322.8 | 3391.1 |
| -17.5° | 5478.2 | 6049.8 | 6408.7 | 6563.2 | 6408.7 | 6049.8 | 5478.2 | 4790.3 | 4149.9 | 3412.6 | 2671.7 |
| -20° | 4095.4 | 4447.5 | 4635.9 | 4636.1 | 4635.9 | 4447.5 | 4095.4 | 3622.7 | 3135.8 | 2558.1 | 1991.0 |



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2972.6 | 3237.3 | 3382.3 | 3407.6 | 3382.3 | 3237.3 | 2972.6 | 2616.3 | 2231.0 | 1809.4 | 1382.2 |
| -25° | 2003.5 | 2197.4 | 2321.5 | 2323.5 | 2321.5 | 2197.4 | 2003.5 | 1742.6 | 1448.0 | 1191.8 | 903.6 |
| -27.5° | 1246.5 | 1360.1 | 1427.5 | 1432.8 | 1427.5 | 1360.1 | 1246.5 | 1088.7 | 885.7 | 771.7 | 627.7 |
| -30° | 764.1 | 809.6 | 831.0 | 825.9 | 831.0 | 809.6 | 764.1 | 693.6 | 601.5 | 533.1 | 467.0 |
| -32.5° | 515.8 | 538.1 | 550.1 | 551.8 | 550.1 | 538.1 | 515.8 | 483.6 | 440.1 | 400.2 | 369.3 |
| -35° | 386.7 | 397.6 | 403.3 | 403.8 | 403.3 | 397.6 | 386.7 | 370.4 | 349.2 | 326.2 | 308.1 |
| -37.5° | 312.6 | 318.4 | 320.9 | 319.3 | 320.9 | 318.4 | 312.6 | 304.0 | 292.4 | 277.9 | 266.8 |
| -40° | 265.8 | 268.9 | 271.0 | 272.9 | 271.0 | 268.9 | 265.8 | 260.8 | 254.0 | 245.7 | 238.1 |
| -42.5° | 233.1 | 234.7 | 235.5 | 236.1 | 235.5 | 234.7 | 233.1 | 230.4 | 226.6 | 221.8 | 216.8 |
| -45° | 210.1 | 210.8 | 210.9 | 210.5 | 210.9 | 210.8 | 210.1 | 208.6 | 206.5 | 203.9 | 200.9 |
| -47.5° | 192.5 | 192.7 | 192.6 | 192.1 | 192.6 | 192.7 | 192.5 | 191.7 | 190.6 | 189.1 | 187.0 |
| -50° | 177.9 | 177.3 | 176.8 | 176.2 | 176.8 | 177.3 | 177.9 | 178.1 | 177.8 | 176.9 | 175.5 |
| -52.5° | 167.0 | 166.4 | 165.8 | 165.2 | 165.8 | 166.4 | 167.0 | 167.2 | 167.0 | 166.1 | 164.9 |
| -55° | 156.9 | 156.5 | 156.0 | 155.4 | 156.0 | 156.5 | 156.9 | 157.0 | 156.6 | 156.1 | 155.3 |
| -57.5° | 148.0 | 147.8 | 148.0 | 148.1 | 148.0 | 147.8 | 148.0 | 147.8 | 147.5 | 147.1 | 146.3 |
| -60° | 138.9 | 139.0 | 139.3 | 139.5 | 139.3 | 139.0 | 138.9 | 138.4 | 137.6 | 136.7 | 135.7 |
| -62.5° | 125.4 | 125.5 | 126.4 | 127.3 | 126.4 | 125.5 | 125.4 | 124.9 | 124.1 | 123.4 | 122.7 |
| -65° | 110.9 | 110.9 | 111.7 | 112.6 | 111.7 | 110.9 | 110.9 | 110.5 | 109.8 | 109.1 | 108.4 |
| -67.5° | 97.2 | 97.5 | 98.3 | 99.1 | 98.3 | 97.5 | 97.2 | 96.8 | 96.1 | 95.6 | 95.0 |
| -70° | 84.3 | 84.1 | 84.9 | 85.6 | 84.9 | 84.1 | 84.3 | 84.3 | 84.0 | 83.6 | 83.0 |
| -72.5° | 72.1 | 71.9 | 72.1 | 72.2 | 72.1 | 71.9 | 72.1 | 72.1 | 71.9 | 71.5 | 70.9 |
| -75° | 59.7 | 59.7 | 59.9 | 60.0 | 59.9 | 59.7 | 59.7 | 59.5 | 59.2 | 58.7 | 58.4 |
| -77.5° | 47.5 | 47.5 | 47.6 | 47.7 | 47.6 | 47.5 | 47.5 | 47.4 | 47.2 | 46.8 | 46.3 |
| -80° | 35.4 | 35.3 | 35.5 | 35.5 | 35.5 | 35.3 | 35.4 | 35.4 | 35.3 | 35.0 | 34.5 |
| -82.5° | 24.2 | 24.4 | 24.5 | 24.5 | 24.5 | 24.4 | 24.2 | 24.0 | 23.7 | 23.4 | 23.3 |
| -85° | 13.4 | 13.4 | 13.5 | 13.5 | 13.5 | 13.4 | 13.4 | 13.2 | 13.1 | 12.9 | 13.0 |
| -87.5° | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.7 | 4.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-MR-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° | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.6 | 3.5 |
| 85° | 13.0 | 13.0 | 12.9 | 12.5 | 12.1 | 11.6 | 11.1 | 10.6 | 10.1 | 9.5 | 9.0 |
| 82.5° | 23.1 | 22.9 | 22.6 | 21.7 | 20.9 | 20.0 | 19.2 | 18.4 | 17.6 | 16.7 | 15.9 |
| 80° | 33.9 | 33.2 | 32.5 | 31.5 | 30.4 | 29.2 | 27.8 | 26.5 | 25.2 | 23.9 | 22.7 |
| 77.5° | 45.7 | 44.8 | 43.8 | 42.5 | 41.0 | 39.5 | 37.8 | 36.2 | 34.5 | 32.7 | 30.9 |
| 75° | 57.8 | 57.0 | 55.9 | 54.3 | 52.6 | 50.8 | 48.7 | 46.4 | 44.0 | 41.7 | 39.4 |
| 72.5° | 70.2 | 69.3 | 68.0 | 66.2 | 64.1 | 61.9 | 59.6 | 56.9 | 54.0 | 50.8 | 48.0 |
| 70° | 82.2 | 81.3 | 80.1 | 78.4 | 76.3 | 73.9 | 71.1 | 68.0 | 64.7 | 61.3 | 57.8 |
| 67.5° | 94.1 | 92.9 | 91.6 | 90.1 | 88.3 | 86.0 | 83.0 | 79.4 | 75.6 | 71.8 | 67.7 |
| 65° | 107.2 | 105.7 | 104.0 | 102.5 | 100.5 | 98.2 | 95.1 | 91.6 | 87.5 | 82.8 | 77.6 |
| 62.5° | 121.6 | 120.2 | 117.8 | 115.2 | 112.7 | 110.0 | 106.5 | 102.7 | 98.9 | 94.5 | 88.4 |
| 60° | 134.7 | 133.5 | 130.3 | 127.2 | 124.1 | 120.8 | 116.9 | 112.9 | 108.9 | 104.1 | 98.5 |
| 57.5° | 145.2 | 143.2 | 140.3 | 137.3 | 134.3 | 130.3 | 126.0 | 122.1 | 117.7 | 113.1 | 107.9 |
| 55° | 154.3 | 152.0 | 149.0 | 145.8 | 142.3 | 138.3 | 134.1 | 129.6 | 125.4 | 121.6 | 116.3 |
| 52.5° | 163.4 | 160.6 | 157.4 | 153.8 | 150.0 | 145.7 | 141.2 | 136.5 | 132.5 | 128.5 | 124.1 |
| 50° | 173.4 | 169.9 | 166.0 | 161.9 | 157.7 | 153.1 | 148.3 | 143.3 | 139.4 | 135.3 | 130.8 |
| 47.5° | 184.2 | 179.9 | 175.3 | 170.7 | 165.9 | 160.9 | 155.6 | 150.3 | 146.0 | 141.8 | 137.1 |
| 45° | 196.8 | 191.4 | 185.5 | 180.2 | 174.5 | 168.9 | 163.3 | 157.7 | 152.3 | 147.6 | 143.1 |
| 42.5° | 211.4 | 205.0 | 198.3 | 191.0 | 183.8 | 177.4 | 171.0 | 165.0 | 159.0 | 153.2 | 148.1 |
| 40° | 229.8 | 220.4 | 212.6 | 203.7 | 195.1 | 186.4 | 179.4 | 172.2 | 165.6 | 159.1 | 153.1 |
| 37.5° | 254.0 | 241.0 | 229.7 | 218.1 | 207.8 | 197.5 | 188.6 | 180.4 | 172.2 | 165.2 | 158.5 |
| 35° | 286.8 | 268.6 | 250.9 | 235.9 | 222.0 | 209.9 | 198.5 | 189.0 | 179.9 | 171.3 | 163.9 |
| 32.5° | 333.2 | 306.5 | 278.1 | 257.8 | 238.8 | 223.0 | 209.6 | 197.7 | 187.4 | 178.0 | 169.4 |
| 30° | 405.8 | 358.9 | 318.5 | 284.3 | 259.7 | 238.2 | 220.9 | 207.0 | 194.8 | 184.4 | 174.8 |
| 27.5° | 524.3 | 428.6 | 372.8 | 321.6 | 283.6 | 256.8 | 234.3 | 216.1 | 202.0 | 190.6 | 180.2 |
| 25° | 716.5 | 554.9 | 442.0 | 371.3 | 316.2 | 276.5 | 248.7 | 227.0 | 209.8 | 196.2 | 184.0 |
| 22.5° | 997.9 | 745.7 | 551.5 | 428.2 | 356.0 | 303.6 | 265.8 | 237.8 | 216.9 | 201.0 | 187.8 |
| 20° | 1441.9 | 991.8 | 711.0 | 520.5 | 402.9 | 329.5 | 283.9 | 250.5 | 225.4 | 206.2 | 191.1 |
| 17.5° | 1973.6 | 1372.5 | 891.6 | 619.8 | 463.6 | 366.9 | 305.0 | 262.6 | 232.9 | 211.0 | 193.9 |
| 15° | 2509.4 | 1770.6 | 1169.1 | 763.7 | 529.8 | 399.6 | 323.2 | 273.1 | 240.3 | 216.1 | 197.4 |
| 12.5° | 3101.1 | 2197.2 | 1415.3 | 882.8 | 598.1 | 439.1 | 346.3 | 287.3 | 248.4 | 221.2 | 200.8 |
| 10° | 3612.2 | 2595.6 | 1711.3 | 1073.5 | 687.8 | 480.5 | 367.6 | 299.4 | 255.1 | 225.4 | 203.5 |
| 7.5° | 4072.4 | 2935.9 | 1959.5 | 1222.3 | 757.5 | 513.3 | 384.6 | 309.1 | 260.2 | 228.4 | 205.3 |
| 5° | 4399.0 | 3196.0 | 2159.1 | 1334.8 | 807.3 | 536.0 | 396.5 | 315.9 | 263.5 | 230.3 | 206.4 |
| 2.5° | 4602.8 | 3352.6 | 2289.4 | 1401.5 | 831.6 | 548.5 | 403.9 | 319.8 | 266.3 | 232.4 | 207.0 |
| 0° | 4621.4 | 3341.5 | 2307.6 | 1434.0 | 816.1 | 550.6 | 407.4 | 320.6 | 268.0 | 233.7 | 206.8 |
| -2.5° | 4602.8 | 3352.6 | 2289.4 | 1401.5 | 831.6 | 548.5 | 403.9 | 319.8 | 266.3 | 232.4 | 207.0 |
| -5° | 4399.0 | 3196.0 | 2159.1 | 1334.8 | 807.3 | 536.0 | 396.5 | 315.9 | 263.5 | 230.3 | 206.4 |
| -7.5° | 4072.4 | 2935.9 | 1959.5 | 1222.3 | 757.5 | 513.3 | 384.6 | 309.1 | 260.2 | 228.4 | 205.3 |
| -10° | 3612.2 | 2595.6 | 1711.3 | 1073.5 | 687.8 | 480.5 | 367.6 | 299.4 | 255.1 | 225.4 | 203.5 |
| -12.5° | 3101.1 | 2197.2 | 1415.3 | 882.8 | 598.1 | 439.1 | 346.3 | 287.3 | 248.4 | 221.2 | 200.8 |
| -15° | 2509.4 | 1770.6 | 1169.1 | 763.7 | 529.8 | 399.6 | 323.2 | 273.1 | 240.3 | 216.1 | 197.4 |
| -17.5° | 1973.6 | 1372.5 | 891.6 | 619.8 | 463.6 | 366.9 | 305.0 | 262.6 | 232.9 | 211.0 | 193.9 |
| -20° | 1441.9 | 991.8 | 711.0 | 520.5 | 402.9 | 329.5 | 283.9 | 250.5 | 225.4 | 206.2 | 191.1 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 997.9 | 745.7 | 551.5 | 428.2 | 356.0 | 303.6 | 265.8 | 237.8 | 216.9 | 201.0 | 187.8 |
| -25° | 716.5 | 554.9 | 442.0 | 371.3 | 316.2 | 276.5 | 248.7 | 227.0 | 209.8 | 196.2 | 184.0 |
| -27.5° | 524.3 | 428.6 | 372.8 | 321.6 | 283.6 | 256.8 | 234.3 | 216.1 | 202.0 | 190.6 | 180.2 |
| -30° | 405.8 | 358.9 | 318.5 | 284.3 | 259.7 | 238.2 | 220.9 | 207.0 | 194.8 | 184.4 | 174.8 |
| -32.5° | 333.2 | 306.5 | 278.1 | 257.8 | 238.8 | 223.0 | 209.6 | 197.7 | 187.4 | 178.0 | 169.4 |
| -35° | 286.8 | 268.6 | 250.9 | 235.9 | 222.0 | 209.9 | 198.5 | 189.0 | 179.9 | 171.3 | 163.9 |
| -37.5° | 254.0 | 241.0 | 229.7 | 218.1 | 207.8 | 197.5 | 188.6 | 180.4 | 172.2 | 165.2 | 158.5 |
| -40° | 229.8 | 220.4 | 212.6 | 203.7 | 195.1 | 186.4 | 179.4 | 172.2 | 165.6 | 159.1 | 153.1 |
| -42.5° | 211.4 | 205.0 | 198.3 | 191.0 | 183.8 | 177.4 | 171.0 | 165.0 | 159.0 | 153.2 | 148.1 |
| -45° | 196.8 | 191.4 | 185.5 | 180.2 | 174.5 | 168.9 | 163.3 | 157.7 | 152.3 | 147.6 | 143.1 |
| -47.5° | 184.2 | 179.9 | 175.3 | 170.7 | 165.9 | 160.9 | 155.6 | 150.3 | 146.0 | 141.8 | 137.1 |
| -50° | 173.4 | 169.9 | 166.0 | 161.9 | 157.7 | 153.1 | 148.3 | 143.3 | 139.4 | 135.3 | 130.8 |
| -52.5° | 163.4 | 160.6 | 157.4 | 153.8 | 150.0 | 145.7 | 141.2 | 136.5 | 132.5 | 128.5 | 124.1 |
| -55° | 154.3 | 152.0 | 149.0 | 145.8 | 142.3 | 138.3 | 134.1 | 129.6 | 125.4 | 121.6 | 116.3 |
| -57.5° | 145.2 | 143.2 | 140.3 | 137.3 | 134.3 | 130.3 | 126.0 | 122.1 | 117.7 | 113.1 | 107.9 |
| -60° | 134.7 | 133.5 | 130.3 | 127.2 | 124.1 | 120.8 | 116.9 | 112.9 | 108.9 | 104.1 | 98.5 |
| -62.5° | 121.6 | 120.2 | 117.8 | 115.2 | 112.7 | 110.0 | 106.5 | 102.7 | 98.9 | 94.5 | 88.4 |
| -65° | 107.2 | 105.7 | 104.0 | 102.5 | 100.5 | 98.2 | 95.1 | 91.6 | 87.5 | 82.8 | 77.6 |
| -67.5° | 94.1 | 92.9 | 91.6 | 90.1 | 88.3 | 86.0 | 83.0 | 79.4 | 75.6 | 71.8 | 67.7 |
| -70° | 82.2 | 81.3 | 80.1 | 78.4 | 76.3 | 73.9 | 71.1 | 68.0 | 64.7 | 61.3 | 57.8 |
| -72.5° | 70.2 | 69.3 | 68.0 | 66.2 | 64.1 | 61.9 | 59.6 | 56.9 | 54.0 | 50.8 | 48.0 |
| -75° | 57.8 | 57.0 | 55.9 | 54.3 | 52.6 | 50.8 | 48.7 | 46.4 | 44.0 | 41.7 | 39.4 |
| -77.5° | 45.7 | 44.8 | 43.8 | 42.5 | 41.0 | 39.5 | 37.8 | 36.2 | 34.5 | 32.7 | 30.9 |
| -80° | 33.9 | 33.2 | 32.5 | 31.5 | 30.4 | 29.2 | 27.8 | 26.5 | 25.2 | 23.9 | 22.7 |
| -82.5° | 23.1 | 22.9 | 22.6 | 21.7 | 20.9 | 20.0 | 19.2 | 18.4 | 17.6 | 16.7 | 15.9 |
| -85° | 13.0 | 13.0 | 12.9 | 12.5 | 12.1 | 11.6 | 11.1 | 10.6 | 10.1 | 9.5 | 9.0 |
| -87.5° | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.6 | 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 |



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-735-U-MR-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° | 3.3 | 3.1 | 3.0 | 2.8 | 2.6 | 2.4 | 2.3 | 2.1 | 1.9 | 1.7 | 1.5 |
| 85° | 8.3 | 7.7 | 7.0 | 6.3 | 5.6 | 4.9 | 4.5 | 4.1 | 3.7 | 3.3 | 2.9 |
| 82.5° | 14.9 | 14.0 | 13.0 | 11.9 | 10.9 | 9.8 | 8.6 | 7.5 | 6.3 | 5.1 | 4.4 |
| 80° | 21.5 | 20.2 | 18.9 | 17.5 | 16.1 | 14.6 | 13.1 | 11.6 | 9.9 | 8.2 | 6.6 |
| 77.5° | 28.9 | 26.9 | 24.8 | 23.1 | 21.5 | 19.8 | 17.9 | 15.7 | 13.4 | 11.3 | 9.3 |
| 75° | 37.1 | 34.6 | 32.1 | 29.7 | 27.3 | 24.9 | 22.7 | 20.2 | 17.3 | 14.4 | 11.8 |
| 72.5° | 45.4 | 42.7 | 39.6 | 36.5 | 33.7 | 30.8 | 27.9 | 24.7 | 21.4 | 18.0 | 14.5 |
| 70° | 54.3 | 50.9 | 47.5 | 44.0 | 40.4 | 36.7 | 33.3 | 29.5 | 25.4 | 21.5 | 17.7 |
| 67.5° | 63.5 | 59.4 | 55.4 | 51.4 | 47.3 | 43.1 | 38.8 | 34.3 | 29.7 | 25.0 | 20.7 |
| 65° | 72.9 | 68.1 | 63.1 | 58.7 | 54.1 | 49.5 | 44.6 | 39.2 | 34.0 | 28.8 | 23.7 |
| 62.5° | 82.5 | 76.9 | 71.4 | 66.0 | 60.9 | 55.7 | 50.3 | 44.2 | 38.2 | 32.6 | 26.9 |
| 60° | 92.2 | 85.8 | 79.6 | 73.5 | 67.6 | 61.8 | 55.8 | 49.1 | 42.6 | 36.3 | 30.1 |
| 57.5° | 101.5 | 94.4 | 87.3 | 80.7 | 74.3 | 67.9 | 61.1 | 53.9 | 46.7 | 39.9 | 33.3 |
| 55° | 110.5 | 103.2 | 94.9 | 87.5 | 80.6 | 73.8 | 66.2 | 58.6 | 50.8 | 43.4 | 36.3 |
| 52.5° | 118.4 | 111.2 | 102.6 | 94.0 | 86.4 | 79.2 | 71.2 | 63.2 | 54.9 | 46.8 | 39.3 |
| 50° | 125.6 | 118.3 | 109.7 | 100.6 | 91.9 | 84.0 | 75.9 | 67.4 | 58.9 | 50.1 | 42.1 |
| 47.5° | 131.8 | 124.8 | 116.3 | 106.9 | 97.5 | 88.5 | 80.1 | 71.4 | 62.8 | 53.5 | 44.9 |
| 45° | 137.5 | 131.1 | 122.7 | 113.0 | 102.7 | 93.2 | 84.2 | 75.2 | 66.2 | 56.9 | 47.5 |
| 42.5° | 142.7 | 136.5 | 128.8 | 118.9 | 108.0 | 97.7 | 88.0 | 78.7 | 69.4 | 60.0 | 50.2 |
| 40° | 147.4 | 141.2 | 134.6 | 124.5 | 113.0 | 101.8 | 91.8 | 82.1 | 72.4 | 62.9 | 52.8 |
| 37.5° | 152.1 | 145.7 | 138.8 | 129.7 | 117.7 | 106.1 | 95.3 | 85.2 | 75.3 | 65.4 | 55.2 |
| 35° | 156.9 | 150.0 | 142.5 | 133.8 | 122.2 | 110.1 | 98.5 | 88.1 | 78.0 | 67.8 | 57.4 |
| 32.5° | 161.5 | 153.9 | 145.9 | 137.2 | 126.4 | 113.6 | 101.7 | 91.0 | 80.5 | 70.1 | 59.5 |
| 30° | 166.1 | 157.1 | 148.9 | 140.7 | 130.1 | 117.1 | 104.8 | 93.6 | 82.9 | 72.2 | 61.4 |
| 27.5° | 169.5 | 159.9 | 151.6 | 143.5 | 133.1 | 120.4 | 107.8 | 96.0 | 85.1 | 74.1 | 63.1 |
| 25° | 172.6 | 162.6 | 153.9 | 145.7 | 136.1 | 123.7 | 110.5 | 98.3 | 87.1 | 75.8 | 64.6 |
| 22.5° | 175.8 | 165.0 | 155.8 | 147.6 | 139.0 | 126.7 | 113.1 | 100.5 | 88.9 | 77.4 | 66.0 |
| 20° | 178.5 | 166.9 | 157.3 | 149.3 | 140.9 | 129.1 | 115.6 | 102.5 | 90.4 | 78.8 | 67.2 |
| 17.5° | 180.8 | 168.8 | 159.0 | 150.7 | 142.2 | 131.0 | 117.7 | 104.2 | 91.8 | 80.0 | 68.2 |
| 15° | 183.1 | 170.8 | 160.4 | 151.8 | 143.3 | 132.6 | 119.5 | 105.7 | 93.0 | 81.0 | 69.2 |
| 12.5° | 185.1 | 172.3 | 161.5 | 152.6 | 144.3 | 133.9 | 121.0 | 106.9 | 94.0 | 82.0 | 70.1 |
| 10° | 186.7 | 173.3 | 162.3 | 153.0 | 145.0 | 134.8 | 122.2 | 108.0 | 95.1 | 82.9 | 70.9 |
| 7.5° | 187.8 | 173.8 | 162.8 | 153.3 | 145.5 | 135.6 | 123.3 | 109.2 | 96.1 | 83.5 | 71.4 |
| 5° | 188.5 | 174.0 | 163.1 | 153.7 | 145.8 | 136.4 | 124.2 | 110.2 | 96.9 | 84.0 | 71.9 |
| 2.5° | 189.4 | 174.0 | 163.0 | 154.1 | 145.9 | 136.8 | 124.6 | 110.9 | 97.5 | 84.3 | 72.1 |
| 0° | 189.7 | 173.7 | 162.7 | 154.2 | 145.6 | 137.0 | 124.8 | 111.3 | 97.9 | 84.4 | 72.2 |
| -2.5° | 189.4 | 174.0 | 163.0 | 154.1 | 145.9 | 136.8 | 124.6 | 110.9 | 97.5 | 84.3 | 72.1 |
| -5° | 188.5 | 174.0 | 163.1 | 153.7 | 145.8 | 136.4 | 124.2 | 110.2 | 96.9 | 84.0 | 71.9 |
| -7.5° | 187.8 | 173.8 | 162.8 | 153.3 | 145.5 | 135.6 | 123.3 | 109.2 | 96.1 | 83.5 | 71.4 |
| -10° | 186.7 | 173.3 | 162.3 | 153.0 | 145.0 | 134.8 | 122.2 | 108.0 | 95.1 | 82.9 | 70.9 |
| -12.5° | 185.1 | 172.3 | 161.5 | 152.6 | 144.3 | 133.9 | 121.0 | 106.9 | 94.0 | 82.0 | 70.1 |
| -15° | 183.1 | 170.8 | 160.4 | 151.8 | 143.3 | 132.6 | 119.5 | 105.7 | 93.0 | 81.0 | 69.2 |
| -17.5° | 180.8 | 168.8 | 159.0 | 150.7 | 142.2 | 131.0 | 117.7 | 104.2 | 91.8 | 80.0 | 68.2 |
| -20° | 178.5 | 166.9 | 157.3 | 149.3 | 140.9 | 129.1 | 115.6 | 102.5 | 90.4 | 78.8 | 67.2 |

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

Scaled Data Report



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 175.8 | 165.0 | 155.8 | 147.6 | 139.0 | 126.7 | 113.1 | 100.5 | 88.9 | 77.4 | 66.0 |
| -25° | 172.6 | 162.6 | 153.9 | 145.7 | 136.1 | 123.7 | 110.5 | 98.3 | 87.1 | 75.8 | 64.6 |
| -27.5° | 169.5 | 159.9 | 151.6 | 143.5 | 133.1 | 120.4 | 107.8 | 96.0 | 85.1 | 74.1 | 63.1 |
| -30° | 166.1 | 157.1 | 148.9 | 140.7 | 130.1 | 117.1 | 104.8 | 93.6 | 82.9 | 72.2 | 61.4 |
| -32.5° | 161.5 | 153.9 | 145.9 | 137.2 | 126.4 | 113.6 | 101.7 | 91.0 | 80.5 | 70.1 | 59.5 |
| -35° | 156.9 | 150.0 | 142.5 | 133.8 | 122.2 | 110.1 | 98.5 | 88.1 | 78.0 | 67.8 | 57.4 |
| -37.5° | 152.1 | 145.7 | 138.8 | 129.7 | 117.7 | 106.1 | 95.3 | 85.2 | 75.3 | 65.4 | 55.2 |
| -40° | 147.4 | 141.2 | 134.6 | 124.5 | 113.0 | 101.8 | 91.8 | 82.1 | 72.4 | 62.9 | 52.8 |
| -42.5° | 142.7 | 136.5 | 128.8 | 118.9 | 108.0 | 97.7 | 88.0 | 78.7 | 69.4 | 60.0 | 50.2 |
| -45° | 137.5 | 131.1 | 122.7 | 113.0 | 102.7 | 93.2 | 84.2 | 75.2 | 66.2 | 56.9 | 47.5 |
| -47.5° | 131.8 | 124.8 | 116.3 | 106.9 | 97.5 | 88.5 | 80.1 | 71.4 | 62.8 | 53.5 | 44.9 |
| -50° | 125.6 | 118.3 | 109.7 | 100.6 | 91.9 | 84.0 | 75.9 | 67.4 | 58.9 | 50.1 | 42.1 |
| -52.5° | 118.4 | 111.2 | 102.6 | 94.0 | 86.4 | 79.2 | 71.2 | 63.2 | 54.9 | 46.8 | 39.3 |
| -55° | 110.5 | 103.2 | 94.9 | 87.5 | 80.6 | 73.8 | 66.2 | 58.6 | 50.8 | 43.4 | 36.3 |
| -57.5° | 101.5 | 94.4 | 87.3 | 80.7 | 74.3 | 67.9 | 61.1 | 53.9 | 46.7 | 39.9 | 33.3 |
| -60° | 92.2 | 85.8 | 79.6 | 73.5 | 67.6 | 61.8 | 55.8 | 49.1 | 42.6 | 36.3 | 30.1 |
| -62.5° | 82.5 | 76.9 | 71.4 | 66.0 | 60.9 | 55.7 | 50.3 | 44.2 | 38.2 | 32.6 | 26.9 |
| -65° | 72.9 | 68.1 | 63.1 | 58.7 | 54.1 | 49.5 | 44.6 | 39.2 | 34.0 | 28.8 | 23.7 |
| -67.5° | 63.5 | 59.4 | 55.4 | 51.4 | 47.3 | 43.1 | 38.8 | 34.3 | 29.7 | 25.0 | 20.7 |
| -70° | 54.3 | 50.9 | 47.5 | 44.0 | 40.4 | 36.7 | 33.3 | 29.5 | 25.4 | 21.5 | 17.7 |
| -72.5° | 45.4 | 42.7 | 39.6 | 36.5 | 33.7 | 30.8 | 27.9 | 24.7 | 21.4 | 18.0 | 14.5 |
| -75° | 37.1 | 34.6 | 32.1 | 29.7 | 27.3 | 24.9 | 22.7 | 20.2 | 17.3 | 14.4 | 11.8 |
| -77.5° | 28.9 | 26.9 | 24.8 | 23.1 | 21.5 | 19.8 | 17.9 | 15.7 | 13.4 | 11.3 | 9.3 |
| -80° | 21.5 | 20.2 | 18.9 | 17.5 | 16.1 | 14.6 | 13.1 | 11.6 | 9.9 | 8.2 | 6.6 |
| -82.5° | 14.9 | 14.0 | 13.0 | 11.9 | 10.9 | 9.8 | 8.6 | 7.5 | 6.3 | 5.1 | 4.4 |
| -85° | 8.3 | 7.7 | 7.0 | 6.3 | 5.6 | 4.9 | 4.5 | 4.1 | 3.7 | 3.3 | 2.9 |
| -87.5° | 3.3 | 3.1 | 3.0 | 2.8 | 2.6 | 2.4 | 2.3 | 2.1 | 1.9 | 1.7 | 1.5 |
| -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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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MR-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° | 1.3 | 1.1 | 0.9 | 0.6 | 0.4 | 0.2 | 0.0 |
| 85° | 2.5 | 2.1 | 1.7 | 1.3 | 0.9 | 0.4 | 0.0 |
| 82.5° | 3.8 | 3.2 | 2.5 | 1.9 | 1.3 | 0.6 | 0.0 |
| 80° | 5.2 | 4.2 | 3.4 | 2.5 | 1.7 | 0.9 | 0.0 |
| 77.5° | 7.3 | 5.5 | 4.2 | 3.2 | 2.1 | 1.1 | 0.0 |
| 75° | 9.5 | 7.3 | 5.2 | 3.8 | 2.5 | 1.3 | 0.0 |
| 72.5° | 11.7 | 9.1 | 6.6 | 4.4 | 2.9 | 1.5 | 0.0 |
| 70° | 13.8 | 10.9 | 8.0 | 5.1 | 3.3 | 1.7 | 0.0 |
| 67.5° | 16.5 | 12.6 | 9.4 | 6.1 | 3.7 | 1.9 | 0.0 |
| 65° | 19.1 | 14.6 | 10.8 | 7.2 | 4.1 | 2.1 | 0.0 |
| 62.5° | 21.7 | 16.7 | 12.1 | 8.2 | 4.5 | 2.3 | 0.0 |
| 60° | 24.2 | 18.8 | 13.4 | 9.2 | 4.9 | 2.4 | 0.0 |
| 57.5° | 26.9 | 20.9 | 15.1 | 10.1 | 5.5 | 2.6 | 0.0 |
| 55° | 29.4 | 22.9 | 16.7 | 11.1 | 6.2 | 2.8 | 0.0 |
| 52.5° | 31.9 | 24.8 | 18.2 | 12.0 | 6.8 | 3.0 | 0.0 |
| 50° | 34.3 | 26.8 | 19.7 | 12.9 | 7.3 | 3.1 | 0.0 |
| 47.5° | 36.6 | 28.7 | 21.1 | 13.8 | 7.9 | 3.3 | 0.0 |
| 45° | 38.8 | 30.5 | 22.5 | 14.8 | 8.5 | 3.5 | 0.0 |
| 42.5° | 41.0 | 32.2 | 23.9 | 15.8 | 9.0 | 3.6 | 0.0 |
| 40° | 43.1 | 33.8 | 25.1 | 16.7 | 9.5 | 3.8 | 0.0 |
| 37.5° | 45.0 | 35.3 | 26.4 | 17.6 | 9.9 | 3.9 | 0.0 |
| 35° | 46.9 | 36.8 | 27.5 | 18.4 | 10.4 | 4.0 | 0.0 |
| 32.5° | 48.6 | 38.2 | 28.6 | 19.2 | 10.8 | 4.1 | 0.0 |
| 30° | 50.3 | 39.6 | 29.6 | 19.9 | 11.2 | 4.2 | 0.0 |
| 27.5° | 51.8 | 40.8 | 30.4 | 20.5 | 11.6 | 4.3 | 0.0 |
| 25° | 53.2 | 41.9 | 31.3 | 21.1 | 11.9 | 4.4 | 0.0 |
| 22.5° | 54.4 | 43.0 | 32.0 | 21.6 | 12.2 | 4.5 | 0.0 |
| 20° | 55.5 | 43.9 | 32.7 | 22.0 | 12.5 | 4.6 | 0.0 |
| 17.5° | 56.5 | 44.6 | 33.3 | 22.4 | 12.7 | 4.7 | 0.0 |
| 15° | 57.4 | 45.2 | 33.9 | 22.7 | 12.9 | 4.7 | 0.0 |
| 12.5° | 58.2 | 45.8 | 34.4 | 22.9 | 13.1 | 4.8 | 0.0 |
| 10° | 58.8 | 46.1 | 34.8 | 23.1 | 13.2 | 4.8 | 0.0 |
| 7.5° | 59.3 | 46.4 | 35.1 | 23.2 | 13.4 | 4.9 | 0.0 |
| 5° | 59.7 | 46.5 | 35.3 | 23.3 | 13.4 | 4.9 | 0.0 |
| 2.5° | 59.9 | 46.6 | 35.5 | 23.3 | 13.5 | 4.9 | 0.0 |
| 0° | 60.0 | 46.5 | 35.5 | 23.2 | 13.5 | 4.9 | 0.0 |
| -2.5° | 59.9 | 46.6 | 35.5 | 23.3 | 13.5 | 4.9 | 0.0 |
| -5° | 59.7 | 46.5 | 35.3 | 23.3 | 13.4 | 4.9 | 0.0 |
| -7.5° | 59.3 | 46.4 | 35.1 | 23.2 | 13.4 | 4.9 | 0.0 |
| -10° | 58.8 | 46.1 | 34.8 | 23.1 | 13.2 | 4.8 | 0.0 |
| -12.5° | 58.2 | 45.8 | 34.4 | 22.9 | 13.1 | 4.8 | 0.0 |
| -15° | 57.4 | 45.2 | 33.9 | 22.7 | 12.9 | 4.7 | 0.0 |
| -17.5° | 56.5 | 44.6 | 33.3 | 22.4 | 12.7 | 4.7 | 0.0 |
| -20° | 55.5 | 43.9 | 32.7 | 22.0 | 12.5 | 4.6 | 0.0 |

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Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P626675 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1C-735-U-MR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 54.4 | 43.0 | 32.0 | 21.6 | 12.2 | 4.5 | 0.0 |
| -25° | 53.2 | 41.9 | 31.3 | 21.1 | 11.9 | 4.4 | 0.0 |
| -27.5° | 51.8 | 40.8 | 30.4 | 20.5 | 11.6 | 4.3 | 0.0 |
| -30° | 50.3 | 39.6 | 29.6 | 19.9 | 11.2 | 4.2 | 0.0 |
| -32.5° | 48.6 | 38.2 | 28.6 | 19.2 | 10.8 | 4.1 | 0.0 |
| -35° | 46.9 | 36.8 | 27.5 | 18.4 | 10.4 | 4.0 | 0.0 |
| -37.5° | 45.0 | 35.3 | 26.4 | 17.6 | 9.9 | 3.9 | 0.0 |
| -40° | 43.1 | 33.8 | 25.1 | 16.7 | 9.5 | 3.8 | 0.0 |
| -42.5° | 41.0 | 32.2 | 23.9 | 15.8 | 9.0 | 3.6 | 0.0 |
| -45° | 38.8 | 30.5 | 22.5 | 14.8 | 8.5 | 3.5 | 0.0 |
| -47.5° | 36.6 | 28.7 | 21.1 | 13.8 | 7.9 | 3.3 | 0.0 |
| -50° | 34.3 | 26.8 | 19.7 | 12.9 | 7.3 | 3.1 | 0.0 |
| -52.5° | 31.9 | 24.8 | 18.2 | 12.0 | 6.8 | 3.0 | 0.0 |
| -55° | 29.4 | 22.9 | 16.7 | 11.1 | 6.2 | 2.8 | 0.0 |
| -57.5° | 26.9 | 20.9 | 15.1 | 10.1 | 5.5 | 2.6 | 0.0 |
| -60° | 24.2 | 18.8 | 13.4 | 9.2 | 4.9 | 2.4 | 0.0 |
| -62.5° | 21.7 | 16.7 | 12.1 | 8.2 | 4.5 | 2.3 | 0.0 |
| -65° | 19.1 | 14.6 | 10.8 | 7.2 | 4.1 | 2.1 | 0.0 |
| -67.5° | 16.5 | 12.6 | 9.4 | 6.1 | 3.7 | 1.9 | 0.0 |
| -70° | 13.8 | 10.9 | 8.0 | 5.1 | 3.3 | 1.7 | 0.0 |
| -72.5° | 11.7 | 9.1 | 6.6 | 4.4 | 2.9 | 1.5 | 0.0 |
| -75° | 9.5 | 7.3 | 5.2 | 3.8 | 2.5 | 1.3 | 0.0 |
| -77.5° | 7.3 | 5.5 | 4.2 | 3.2 | 2.1 | 1.1 | 0.0 |
| -80° | 5.2 | 4.2 | 3.4 | 2.5 | 1.7 | 0.9 | 0.0 |
| -82.5° | 3.8 | 3.2 | 2.5 | 1.9 | 1.3 | 0.6 | 0.0 |
| -85° | 2.5 | 2.1 | 1.7 | 1.3 | 0.9 | 0.4 | 0.0 |
| -87.5° | 1.3 | 1.1 | 0.9 | 0.6 | 0.4 | 0.2 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)