

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: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-730-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626549 (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-SA1A-730-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N13
Light Source: (16) 3000K CCT, 70 CRI LEDS
Ballast/Driver: -

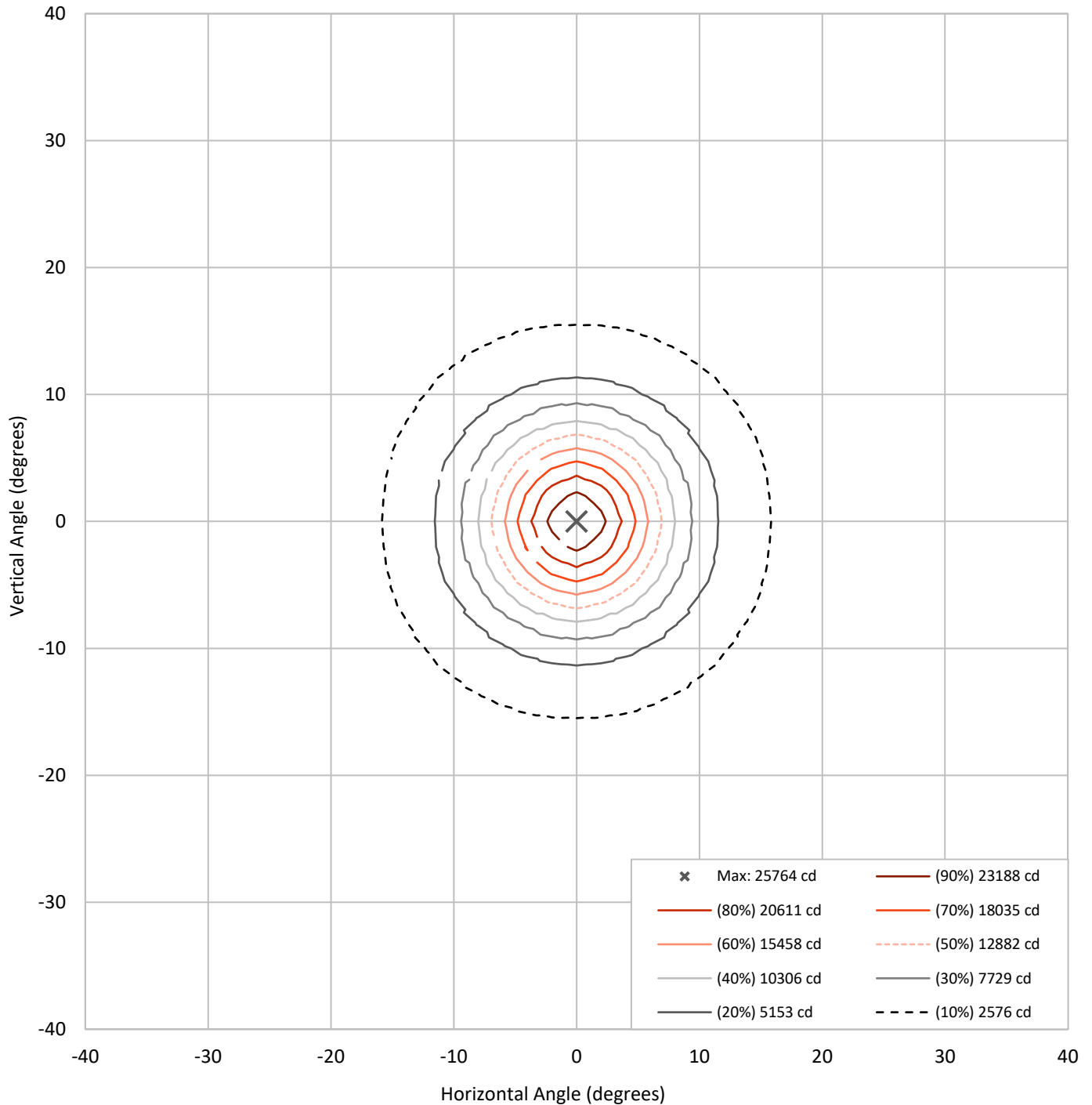
Summary

| | | | |
|-----------------------------------|--|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 2735.8 lumens | Max Intensity: | 25764 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 151.1 lumens/watt | | |
| Luminous Opening: | Rectangular (W 0.5' 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: | 808.8 lumens | Field Lumens: | 1820.2 lumens |
| Beam Efficiency: | 29.6% | Field Efficiency: | 66.5% |
| Input Watts (W): | 18.1 | | |
| 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: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-730-U-NR-XX

Iso-Candela Plot





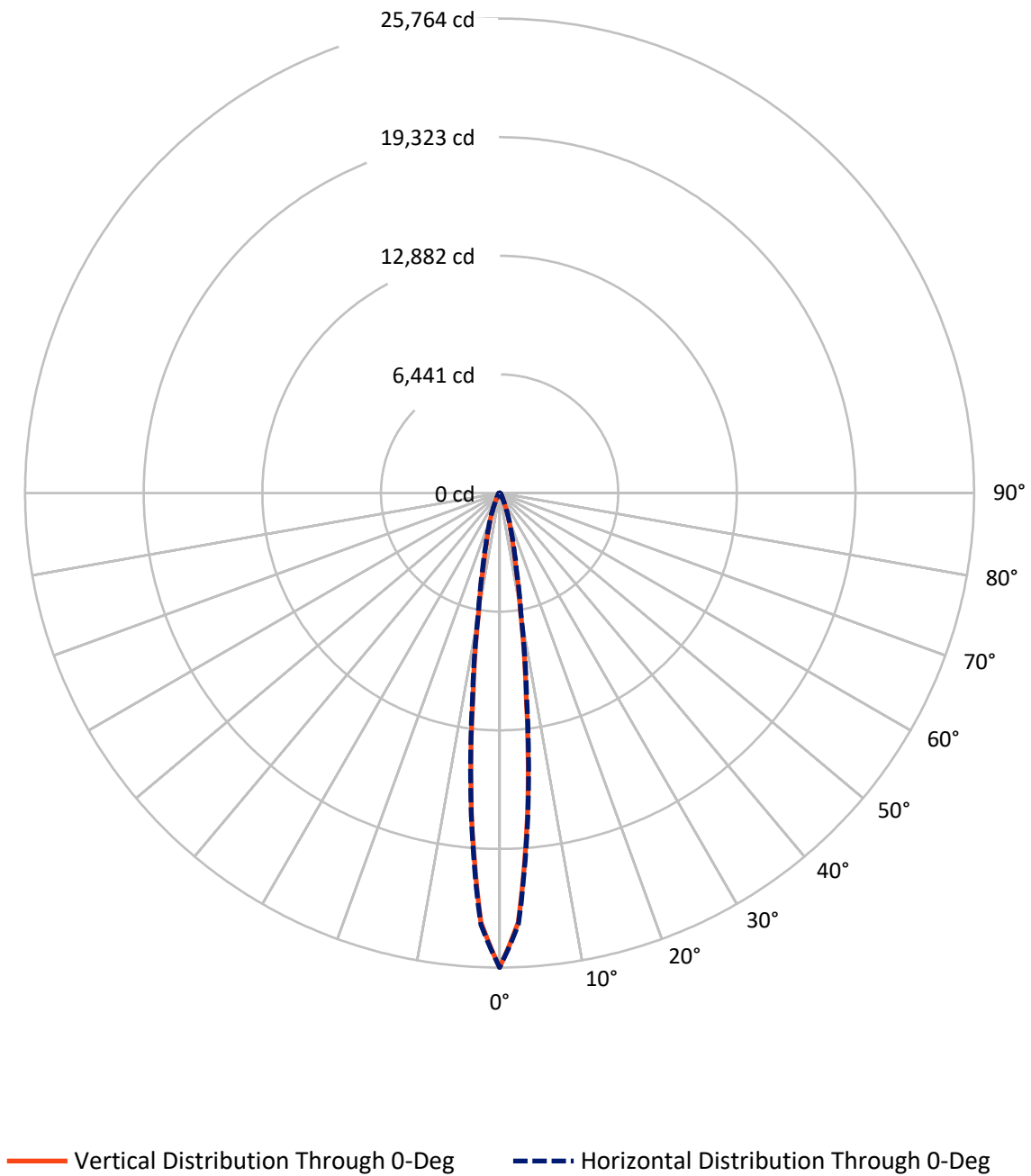
REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|-------|-------|------|------|-----|-----|-----|-----|-----|--|--|--|
| 90 | 0.0 | 0.4 | 1.0 | 1.6 | 1.7 | 1.6 | 1.0 | 0.4 | 0.0 | | | | | | | | | | |
| 80 | 0.0 | 0.4 | 1.0 | 1.6 | 1.7 | 1.6 | 1.0 | 0.4 | 0.0 | | | | | | | | | | |
| 70 | 0.2 | 0.2 | 0.4 | 0.6 | 0.9 | 1.1 | 1.3 | 1.3 | 1.3 | 1.3 | 1.1 | 0.9 | 0.6 | 0.4 | 0.2 | 0.2 | | | |
| 60 | | 0.3 | 0.6 | 1.0 | 1.3 | 1.6 | 1.8 | 1.8 | 1.8 | 1.8 | 1.6 | 1.3 | 1.0 | 0.6 | 0.3 | | | | |
| 50 | 0.3 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.3 | 2.5 | 2.5 | 2.3 | 2.0 | 1.6 | 1.2 | 0.8 | 0.4 | 0.3 | | | |
| 40 | | 0.5 | 0.9 | 1.4 | 1.9 | 2.8 | 3.9 | 4.9 | 4.9 | 3.9 | 2.8 | 1.9 | 1.4 | 0.9 | 0.5 | | | | |
| 30 | 0.4 | 0.5 | 1.0 | 1.5 | 2.5 | 5.0 | 11.4 | 18.8 | 18.8 | 11.4 | 5.0 | 2.5 | 1.5 | 1.0 | 0.5 | 0.4 | | | |
| 20 | | 0.6 | 1.0 | 1.7 | 3.3 | 10.6 | 37.7 | 81.2 | 81.2 | 37.7 | 10.6 | 3.3 | 1.7 | 1.0 | 0.6 | | | | |
| 10 | 0.4 | 0.6 | 1.1 | 1.8 | 4.0 | 17.5 | 81.9 | 353.9 | 353.9 | 81.9 | 17.5 | 4.0 | 1.8 | 1.1 | 0.6 | 0.4 | | | |
| 0 | | 0.6 | 1.1 | 1.8 | 4.0 | 17.5 | 81.9 | 353.9 | 353.9 | 81.9 | 17.5 | 4.0 | 1.8 | 1.1 | 0.6 | | | | |
| -10 | 0.4 | 0.6 | 1.1 | 1.8 | 4.0 | 17.5 | 81.9 | 353.9 | 353.9 | 81.9 | 17.5 | 4.0 | 1.8 | 1.1 | 0.6 | 0.4 | | | |
| -20 | | 0.6 | 1.0 | 1.7 | 3.3 | 10.6 | 37.7 | 81.2 | 81.2 | 37.7 | 10.6 | 3.3 | 1.7 | 1.0 | 0.6 | | | | |
| -30 | 0.3 | 0.5 | 1.0 | 1.5 | 2.5 | 5.0 | 11.4 | 18.8 | 18.8 | 11.4 | 5.0 | 2.5 | 1.5 | 1.0 | 0.5 | 0.3 | | | |
| -40 | | 0.5 | 0.9 | 1.4 | 1.9 | 2.8 | 3.9 | 4.9 | 4.9 | 3.9 | 2.8 | 1.9 | 1.4 | 0.9 | 0.5 | | | | |
| -50 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.3 | 2.5 | 2.5 | 2.3 | 2.0 | 1.6 | 1.2 | 0.8 | 0.4 | 0.2 | | | |
| -60 | | 0.3 | 0.6 | 1.0 | 1.3 | 1.6 | 1.8 | 1.8 | 1.8 | 1.8 | 1.6 | 1.3 | 1.0 | 0.6 | 0.3 | | | | |
| -70 | 0.2 | 0.2 | 0.4 | 0.6 | 0.9 | 1.1 | 1.3 | 1.3 | 1.3 | 1.3 | 1.1 | 0.9 | 0.6 | 0.4 | 0.2 | 0.2 | | | |
| -80 | | 0.2 | 0.4 | 0.6 | 0.9 | 1.1 | 1.3 | 1.3 | 1.3 | 1.3 | 1.1 | 0.9 | 0.6 | 0.4 | 0.2 | | | | |
| -90 | 0.0 | 0.4 | 1.0 | 1.6 | 1.7 | 1.6 | 1.0 | 0.4 | 0.0 | | | | | | | | | | |

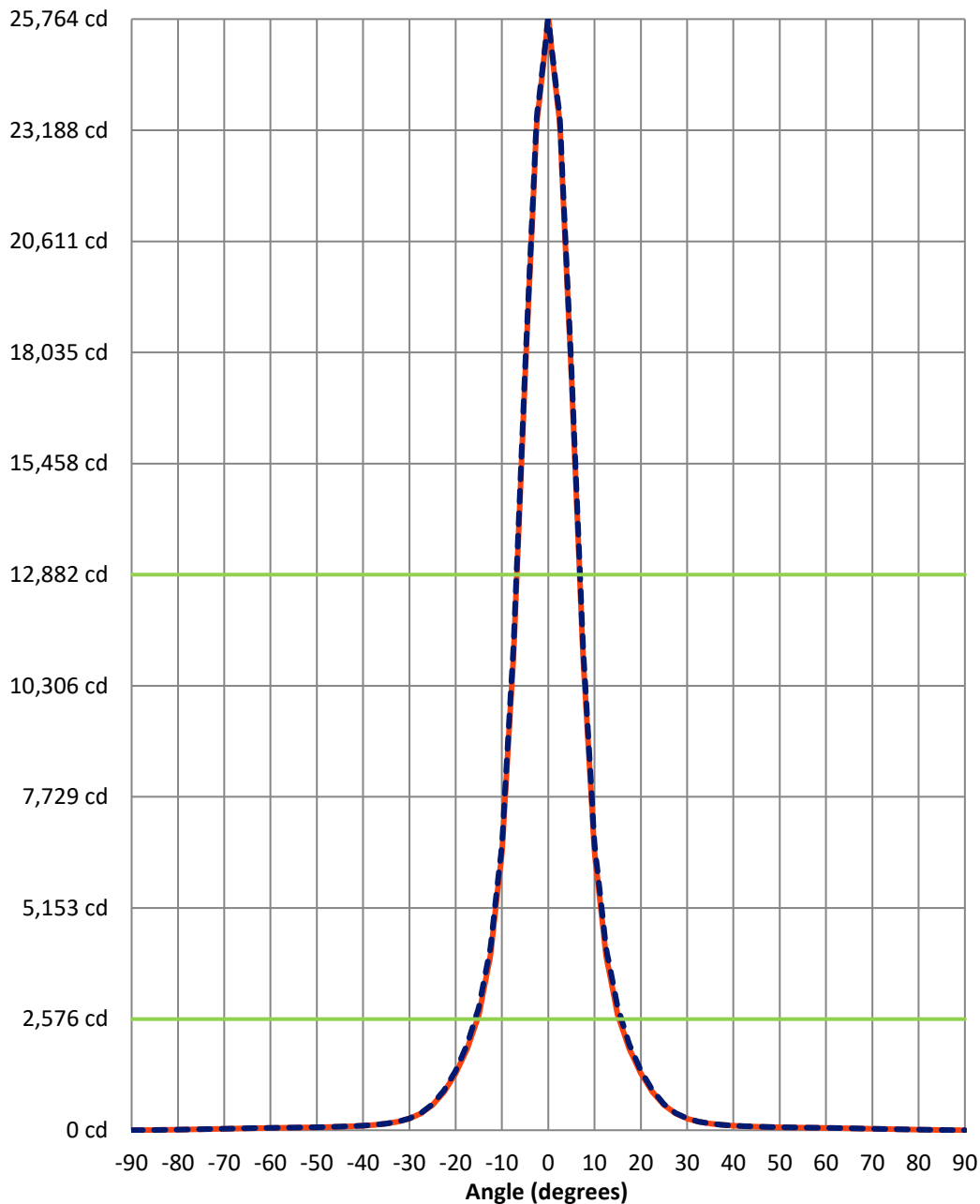
REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-730-U-NR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.7°
V Angle: 13.6°
Lumens: 808.8
Efficiency: 29.6%

Field:
H Angle: 31.6°
V Angle: 30.6°
Lumens: 1820.2
Efficiency: 66.5%

Spill:
Lumens: 915.5
Efficiency: 33.5%

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

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Scaled Data Report



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)

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FIELD
BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.8 | 0.9 |
| 85° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 |
| 82.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.7 | 3.1 |
| 80° | 0.0 | 0.3 | 0.8 | 1.1 | 1.5 | 1.9 | 2.3 | 2.9 | 3.4 | 3.9 | 4.5 |
| 77.5° | 0.0 | 0.4 | 0.9 | 1.4 | 1.9 | 2.4 | 3.1 | 3.8 | 4.5 | 5.2 | 5.9 |
| 75° | 0.0 | 0.5 | 1.1 | 1.7 | 2.3 | 3.1 | 4.0 | 4.8 | 5.6 | 6.6 | 7.5 |
| 72.5° | 0.0 | 0.6 | 1.3 | 2.0 | 2.8 | 3.8 | 4.8 | 5.8 | 6.9 | 8.0 | 9.1 |
| 70° | 0.0 | 0.7 | 1.5 | 2.3 | 3.3 | 4.4 | 5.6 | 6.9 | 8.2 | 9.4 | 10.8 |
| 67.5° | 0.0 | 0.7 | 1.7 | 2.6 | 3.8 | 5.0 | 6.5 | 8.0 | 9.4 | 11.0 | 12.6 |
| 65° | 0.0 | 0.8 | 1.8 | 3.0 | 4.3 | 5.7 | 7.4 | 9.1 | 10.8 | 12.6 | 14.4 |
| 62.5° | 0.0 | 0.9 | 2.0 | 3.3 | 4.7 | 6.4 | 8.3 | 10.2 | 12.2 | 14.2 | 16.5 |
| 60° | 0.0 | 1.0 | 2.1 | 3.6 | 5.2 | 7.2 | 9.2 | 11.4 | 13.5 | 16.0 | 18.5 |
| 57.5° | 0.0 | 1.0 | 2.3 | 3.9 | 5.7 | 7.9 | 10.1 | 12.6 | 15.0 | 17.7 | 20.4 |
| 55° | 0.0 | 1.1 | 2.5 | 4.3 | 6.3 | 8.5 | 11.1 | 13.6 | 16.5 | 19.4 | 22.3 |
| 52.5° | 0.0 | 1.2 | 2.7 | 4.5 | 6.8 | 9.2 | 12.0 | 14.8 | 17.9 | 20.9 | 24.1 |
| 50° | 0.0 | 1.2 | 2.9 | 4.8 | 7.3 | 10.0 | 12.9 | 16.0 | 19.2 | 22.4 | 25.8 |
| 47.5° | 0.0 | 1.3 | 3.1 | 5.1 | 7.8 | 10.7 | 13.7 | 17.1 | 20.5 | 23.9 | 27.5 |
| 45° | 0.0 | 1.3 | 3.3 | 5.5 | 8.2 | 11.3 | 14.6 | 18.2 | 21.7 | 25.4 | 29.2 |
| 42.5° | 0.0 | 1.4 | 3.4 | 5.8 | 8.7 | 12.0 | 15.5 | 19.2 | 22.9 | 26.9 | 30.8 |
| 40° | 0.0 | 1.4 | 3.6 | 6.1 | 9.1 | 12.6 | 16.4 | 20.2 | 24.0 | 28.3 | 32.4 |
| 37.5° | 0.0 | 1.5 | 3.8 | 6.4 | 9.6 | 13.2 | 17.2 | 21.1 | 25.2 | 29.6 | 33.9 |
| 35° | 0.0 | 1.5 | 3.9 | 6.7 | 10.0 | 13.8 | 17.9 | 22.0 | 26.3 | 30.8 | 35.4 |
| 32.5° | 0.0 | 1.5 | 4.0 | 7.0 | 10.4 | 14.3 | 18.6 | 22.8 | 27.3 | 32.0 | 36.6 |
| 30° | 0.0 | 1.6 | 4.2 | 7.3 | 10.8 | 14.9 | 19.3 | 23.6 | 28.2 | 33.0 | 37.8 |
| 27.5° | 0.0 | 1.6 | 4.3 | 7.5 | 11.2 | 15.4 | 19.9 | 24.3 | 29.1 | 34.0 | 38.8 |
| 25° | 0.0 | 1.6 | 4.4 | 7.7 | 11.5 | 15.8 | 20.4 | 25.0 | 29.8 | 34.9 | 39.7 |
| 22.5° | 0.0 | 1.7 | 4.5 | 7.9 | 11.8 | 16.3 | 20.9 | 25.6 | 30.5 | 35.6 | 40.5 |
| 20° | 0.0 | 1.7 | 4.6 | 8.1 | 12.1 | 16.6 | 21.4 | 26.1 | 31.2 | 36.2 | 41.2 |
| 17.5° | 0.0 | 1.7 | 4.7 | 8.3 | 12.4 | 16.9 | 21.7 | 26.6 | 31.7 | 36.8 | 41.9 |
| 15° | 0.0 | 1.7 | 4.8 | 8.4 | 12.6 | 17.2 | 22.0 | 27.0 | 32.2 | 37.2 | 42.4 |
| 12.5° | 0.0 | 1.7 | 4.8 | 8.5 | 12.8 | 17.4 | 22.3 | 27.3 | 32.6 | 37.5 | 42.9 |
| 10° | 0.0 | 1.7 | 4.9 | 8.6 | 12.9 | 17.6 | 22.5 | 27.6 | 32.9 | 37.9 | 43.3 |
| 7.5° | 0.0 | 1.7 | 4.9 | 8.7 | 13.0 | 17.7 | 22.6 | 27.9 | 33.1 | 38.2 | 43.8 |
| 5° | 0.0 | 1.7 | 5.0 | 8.8 | 13.1 | 17.7 | 22.6 | 28.1 | 33.2 | 38.4 | 44.2 |
| 2.5° | 0.0 | 1.7 | 5.0 | 8.8 | 13.2 | 17.7 | 22.7 | 28.2 | 33.2 | 38.6 | 44.5 |
| 0° | 0.0 | 1.7 | 5.0 | 8.8 | 13.2 | 17.7 | 22.6 | 28.2 | 33.1 | 38.6 | 44.7 |
| -2.5° | 0.0 | 1.7 | 5.0 | 8.8 | 13.2 | 17.7 | 22.7 | 28.2 | 33.2 | 38.6 | 44.5 |
| -5° | 0.0 | 1.7 | 5.0 | 8.8 | 13.1 | 17.7 | 22.6 | 28.1 | 33.2 | 38.4 | 44.2 |
| -7.5° | 0.0 | 1.7 | 4.9 | 8.7 | 13.0 | 17.7 | 22.6 | 27.9 | 33.1 | 38.2 | 43.8 |
| -10° | 0.0 | 1.7 | 4.9 | 8.6 | 12.9 | 17.6 | 22.5 | 27.6 | 32.9 | 37.9 | 43.3 |
| -12.5° | 0.0 | 1.7 | 4.8 | 8.5 | 12.8 | 17.4 | 22.3 | 27.3 | 32.6 | 37.5 | 42.9 |
| -15° | 0.0 | 1.7 | 4.8 | 8.4 | 12.6 | 17.2 | 22.0 | 27.0 | 32.2 | 37.2 | 42.4 |
| -17.5° | 0.0 | 1.7 | 4.7 | 8.3 | 12.4 | 16.9 | 21.7 | 26.6 | 31.7 | 36.8 | 41.9 |
| -20° | 0.0 | 1.7 | 4.6 | 8.1 | 12.1 | 16.6 | 21.4 | 26.1 | 31.2 | 36.2 | 41.2 |

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Scaled Data Report



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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 | 1.7 | 4.5 | 7.9 | 11.8 | 16.3 | 20.9 | 25.6 | 30.5 | 35.6 | 40.5 |
| -25° | 0.0 | 1.6 | 4.4 | 7.7 | 11.5 | 15.8 | 20.4 | 25.0 | 29.8 | 34.9 | 39.7 |
| -27.5° | 0.0 | 1.6 | 4.3 | 7.5 | 11.2 | 15.4 | 19.9 | 24.3 | 29.1 | 34.0 | 38.8 |
| -30° | 0.0 | 1.6 | 4.2 | 7.3 | 10.8 | 14.9 | 19.3 | 23.6 | 28.2 | 33.0 | 37.8 |
| -32.5° | 0.0 | 1.5 | 4.0 | 7.0 | 10.4 | 14.3 | 18.6 | 22.8 | 27.3 | 32.0 | 36.6 |
| -35° | 0.0 | 1.5 | 3.9 | 6.7 | 10.0 | 13.8 | 17.9 | 22.0 | 26.3 | 30.8 | 35.4 |
| -37.5° | 0.0 | 1.5 | 3.8 | 6.4 | 9.6 | 13.2 | 17.2 | 21.1 | 25.2 | 29.6 | 33.9 |
| -40° | 0.0 | 1.4 | 3.6 | 6.1 | 9.1 | 12.6 | 16.4 | 20.2 | 24.0 | 28.3 | 32.4 |
| -42.5° | 0.0 | 1.4 | 3.4 | 5.8 | 8.7 | 12.0 | 15.5 | 19.2 | 22.9 | 26.9 | 30.8 |
| -45° | 0.0 | 1.3 | 3.3 | 5.5 | 8.2 | 11.3 | 14.6 | 18.2 | 21.7 | 25.4 | 29.2 |
| -47.5° | 0.0 | 1.3 | 3.1 | 5.1 | 7.8 | 10.7 | 13.7 | 17.1 | 20.5 | 23.9 | 27.5 |
| -50° | 0.0 | 1.2 | 2.9 | 4.8 | 7.3 | 10.0 | 12.9 | 16.0 | 19.2 | 22.4 | 25.8 |
| -52.5° | 0.0 | 1.2 | 2.7 | 4.5 | 6.8 | 9.2 | 12.0 | 14.8 | 17.9 | 20.9 | 24.1 |
| -55° | 0.0 | 1.1 | 2.5 | 4.3 | 6.3 | 8.5 | 11.1 | 13.6 | 16.5 | 19.4 | 22.3 |
| -57.5° | 0.0 | 1.0 | 2.3 | 3.9 | 5.7 | 7.9 | 10.1 | 12.6 | 15.0 | 17.7 | 20.4 |
| -60° | 0.0 | 1.0 | 2.1 | 3.6 | 5.2 | 7.2 | 9.2 | 11.4 | 13.5 | 16.0 | 18.5 |
| -62.5° | 0.0 | 0.9 | 2.0 | 3.3 | 4.7 | 6.4 | 8.3 | 10.2 | 12.2 | 14.2 | 16.5 |
| -65° | 0.0 | 0.8 | 1.8 | 3.0 | 4.3 | 5.7 | 7.4 | 9.1 | 10.8 | 12.6 | 14.4 |
| -67.5° | 0.0 | 0.7 | 1.7 | 2.6 | 3.8 | 5.0 | 6.5 | 8.0 | 9.4 | 11.0 | 12.6 |
| -70° | 0.0 | 0.7 | 1.5 | 2.3 | 3.3 | 4.4 | 5.6 | 6.9 | 8.2 | 9.4 | 10.8 |
| -72.5° | 0.0 | 0.6 | 1.3 | 2.0 | 2.8 | 3.8 | 4.8 | 5.8 | 6.9 | 8.0 | 9.1 |
| -75° | 0.0 | 0.5 | 1.1 | 1.7 | 2.3 | 3.1 | 4.0 | 4.8 | 5.6 | 6.6 | 7.5 |
| -77.5° | 0.0 | 0.4 | 0.9 | 1.4 | 1.9 | 2.4 | 3.1 | 3.8 | 4.5 | 5.2 | 5.9 |
| -80° | 0.0 | 0.3 | 0.8 | 1.1 | 1.5 | 1.9 | 2.3 | 2.9 | 3.4 | 3.9 | 4.5 |
| -82.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.7 | 3.1 |
| -85° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 |
| -87.5° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.8 | 0.9 |
| -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° | 1.0 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 |
| 85° | 2.0 | 2.2 | 2.4 | 2.7 | 2.9 | 3.1 | 3.2 | 3.4 | 3.6 | 3.8 | 4.1 |
| 82.5° | 3.5 | 3.8 | 4.2 | 4.6 | 4.8 | 5.0 | 5.2 | 5.5 | 6.0 | 6.5 | 6.9 |
| 80° | 5.0 | 5.5 | 6.1 | 6.6 | 7.1 | 7.6 | 8.1 | 8.6 | 9.2 | 9.7 | 10.1 |
| 77.5° | 6.6 | 7.4 | 8.1 | 8.8 | 9.5 | 10.3 | 11.0 | 11.7 | 12.4 | 13.0 | 13.6 |
| 75° | 8.4 | 9.3 | 10.3 | 11.2 | 12.2 | 13.1 | 13.9 | 14.9 | 15.8 | 16.7 | 17.5 |
| 72.5° | 10.2 | 11.4 | 12.6 | 13.7 | 14.9 | 16.1 | 17.2 | 18.4 | 19.4 | 20.5 | 21.7 |
| 70° | 12.2 | 13.5 | 15.0 | 16.5 | 17.8 | 19.3 | 20.6 | 21.8 | 23.0 | 24.5 | 26.1 |
| 67.5° | 14.2 | 16.0 | 17.7 | 19.3 | 21.1 | 22.8 | 24.2 | 25.8 | 27.4 | 29.2 | 30.8 |
| 65° | 16.6 | 18.5 | 20.5 | 22.5 | 24.6 | 26.3 | 28.2 | 30.1 | 32.0 | 33.7 | 35.4 |
| 62.5° | 18.9 | 21.1 | 23.3 | 25.6 | 27.7 | 29.9 | 32.0 | 34.1 | 36.2 | 38.3 | 40.1 |
| 60° | 21.1 | 23.6 | 26.0 | 28.4 | 30.8 | 33.4 | 35.8 | 38.2 | 40.7 | 43.0 | 44.2 |
| 57.5° | 23.3 | 26.0 | 28.5 | 31.1 | 34.0 | 36.9 | 39.4 | 42.1 | 44.2 | 45.8 | 47.4 |
| 55° | 25.3 | 28.1 | 30.9 | 33.8 | 36.9 | 40.0 | 42.8 | 45.2 | 47.1 | 48.6 | 50.3 |
| 52.5° | 27.3 | 30.2 | 33.2 | 36.4 | 39.7 | 43.0 | 45.9 | 48.1 | 49.9 | 51.4 | 53.0 |
| 50° | 29.2 | 32.3 | 35.4 | 38.9 | 42.5 | 45.9 | 48.8 | 50.8 | 52.5 | 54.0 | 55.6 |
| 47.5° | 31.0 | 34.3 | 37.7 | 41.4 | 45.2 | 48.5 | 51.3 | 53.1 | 54.8 | 56.6 | 58.4 |
| 45° | 32.8 | 36.4 | 39.9 | 44.0 | 47.8 | 51.0 | 53.3 | 55.2 | 57.3 | 59.3 | 61.2 |
| 42.5° | 34.6 | 38.4 | 42.3 | 46.5 | 50.2 | 53.0 | 55.2 | 57.4 | 59.7 | 61.8 | 63.9 |
| 40° | 36.4 | 40.3 | 44.5 | 48.6 | 52.4 | 54.9 | 57.2 | 59.6 | 62.0 | 64.3 | 66.7 |
| 37.5° | 38.1 | 42.2 | 46.5 | 50.6 | 54.1 | 56.6 | 59.0 | 61.6 | 64.1 | 66.7 | 69.8 |
| 35° | 39.7 | 43.9 | 48.2 | 52.2 | 55.5 | 58.1 | 60.8 | 63.5 | 66.3 | 69.5 | 73.1 |
| 32.5° | 41.2 | 45.4 | 49.7 | 53.5 | 56.7 | 59.5 | 62.5 | 65.4 | 68.7 | 72.4 | 76.6 |
| 30° | 42.4 | 46.7 | 51.0 | 54.8 | 57.9 | 60.9 | 64.1 | 67.3 | 71.2 | 75.5 | 80.6 |
| 27.5° | 43.5 | 47.9 | 52.1 | 55.8 | 59.0 | 62.0 | 65.4 | 69.5 | 73.8 | 78.7 | 84.7 |
| 25° | 44.5 | 49.1 | 53.1 | 56.8 | 59.9 | 63.0 | 66.7 | 71.2 | 76.4 | 82.4 | 89.7 |
| 22.5° | 45.4 | 50.2 | 54.1 | 57.7 | 60.6 | 63.9 | 68.1 | 72.9 | 78.6 | 85.7 | 94.5 |
| 20° | 46.3 | 51.1 | 54.9 | 58.5 | 61.1 | 64.8 | 69.3 | 74.5 | 81.0 | 89.4 | 99.6 |
| 17.5° | 47.1 | 51.8 | 55.6 | 58.9 | 61.8 | 65.6 | 70.4 | 75.8 | 83.1 | 92.7 | 104.3 |
| 15° | 47.9 | 52.4 | 56.1 | 59.3 | 62.4 | 66.6 | 71.6 | 77.4 | 85.4 | 95.9 | 108.4 |
| 12.5° | 48.6 | 53.0 | 56.5 | 59.5 | 62.9 | 67.3 | 72.6 | 79.1 | 87.8 | 99.1 | 113.7 |
| 10° | 49.1 | 53.3 | 56.8 | 59.7 | 63.3 | 67.9 | 73.4 | 80.4 | 89.7 | 101.5 | 117.7 |
| 7.5° | 49.6 | 53.7 | 57.0 | 59.8 | 63.5 | 68.3 | 74.1 | 81.4 | 91.0 | 103.3 | 120.7 |
| 5° | 49.9 | 53.9 | 57.2 | 60.2 | 63.9 | 68.6 | 74.6 | 82.1 | 91.8 | 104.3 | 122.5 |
| 2.5° | 50.1 | 54.1 | 57.4 | 60.5 | 64.3 | 68.9 | 75.0 | 82.9 | 92.5 | 105.3 | 123.9 |
| 0° | 50.2 | 54.1 | 57.4 | 60.7 | 64.6 | 69.0 | 75.1 | 83.4 | 92.7 | 106.0 | 124.8 |
| -2.5° | 50.1 | 54.1 | 57.4 | 60.5 | 64.3 | 68.9 | 75.0 | 82.9 | 92.5 | 105.3 | 123.9 |
| -5° | 49.9 | 53.9 | 57.2 | 60.2 | 63.9 | 68.6 | 74.6 | 82.1 | 91.8 | 104.3 | 122.5 |
| -7.5° | 49.6 | 53.7 | 57.0 | 59.8 | 63.5 | 68.3 | 74.1 | 81.4 | 91.0 | 103.3 | 120.7 |
| -10° | 49.1 | 53.3 | 56.8 | 59.7 | 63.3 | 67.9 | 73.4 | 80.4 | 89.7 | 101.5 | 117.7 |
| -12.5° | 48.6 | 53.0 | 56.5 | 59.5 | 62.9 | 67.3 | 72.6 | 79.1 | 87.8 | 99.1 | 113.7 |
| -15° | 47.9 | 52.4 | 56.1 | 59.3 | 62.4 | 66.6 | 71.6 | 77.4 | 85.4 | 95.9 | 108.4 |
| -17.5° | 47.1 | 51.8 | 55.6 | 58.9 | 61.8 | 65.6 | 70.4 | 75.8 | 83.1 | 92.7 | 104.3 |
| -20° | 46.3 | 51.1 | 54.9 | 58.5 | 61.1 | 64.8 | 69.3 | 74.5 | 81.0 | 89.4 | 99.6 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-730-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° | 45.4 | 50.2 | 54.1 | 57.7 | 60.6 | 63.9 | 68.1 | 72.9 | 78.6 | 85.7 | 94.5 |
| -25° | 44.5 | 49.1 | 53.1 | 56.8 | 59.9 | 63.0 | 66.7 | 71.2 | 76.4 | 82.4 | 89.7 |
| -27.5° | 43.5 | 47.9 | 52.1 | 55.8 | 59.0 | 62.0 | 65.4 | 69.5 | 73.8 | 78.7 | 84.7 |
| -30° | 42.4 | 46.7 | 51.0 | 54.8 | 57.9 | 60.9 | 64.1 | 67.3 | 71.2 | 75.5 | 80.6 |
| -32.5° | 41.2 | 45.4 | 49.7 | 53.5 | 56.7 | 59.5 | 62.5 | 65.4 | 68.7 | 72.4 | 76.6 |
| -35° | 39.7 | 43.9 | 48.2 | 52.2 | 55.5 | 58.1 | 60.8 | 63.5 | 66.3 | 69.5 | 73.1 |
| -37.5° | 38.1 | 42.2 | 46.5 | 50.6 | 54.1 | 56.6 | 59.0 | 61.6 | 64.1 | 66.7 | 69.8 |
| -40° | 36.4 | 40.3 | 44.5 | 48.6 | 52.4 | 54.9 | 57.2 | 59.6 | 62.0 | 64.3 | 66.7 |
| -42.5° | 34.6 | 38.4 | 42.3 | 46.5 | 50.2 | 53.0 | 55.2 | 57.4 | 59.7 | 61.8 | 63.9 |
| -45° | 32.8 | 36.4 | 39.9 | 44.0 | 47.8 | 51.0 | 53.3 | 55.2 | 57.3 | 59.3 | 61.2 |
| -47.5° | 31.0 | 34.3 | 37.7 | 41.4 | 45.2 | 48.5 | 51.3 | 53.1 | 54.8 | 56.6 | 58.4 |
| -50° | 29.2 | 32.3 | 35.4 | 38.9 | 42.5 | 45.9 | 48.8 | 50.8 | 52.5 | 54.0 | 55.6 |
| -52.5° | 27.3 | 30.2 | 33.2 | 36.4 | 39.7 | 43.0 | 45.9 | 48.1 | 49.9 | 51.4 | 53.0 |
| -55° | 25.3 | 28.1 | 30.9 | 33.8 | 36.9 | 40.0 | 42.8 | 45.2 | 47.1 | 48.6 | 50.3 |
| -57.5° | 23.3 | 26.0 | 28.5 | 31.1 | 34.0 | 36.9 | 39.4 | 42.1 | 44.2 | 45.8 | 47.4 |
| -60° | 21.1 | 23.6 | 26.0 | 28.4 | 30.8 | 33.4 | 35.8 | 38.2 | 40.7 | 43.0 | 44.2 |
| -62.5° | 18.9 | 21.1 | 23.3 | 25.6 | 27.7 | 29.9 | 32.0 | 34.1 | 36.2 | 38.3 | 40.1 |
| -65° | 16.6 | 18.5 | 20.5 | 22.5 | 24.6 | 26.3 | 28.2 | 30.1 | 32.0 | 33.7 | 35.4 |
| -67.5° | 14.2 | 16.0 | 17.7 | 19.3 | 21.1 | 22.8 | 24.2 | 25.8 | 27.4 | 29.2 | 30.8 |
| -70° | 12.2 | 13.5 | 15.0 | 16.5 | 17.8 | 19.3 | 20.6 | 21.8 | 23.0 | 24.5 | 26.1 |
| -72.5° | 10.2 | 11.4 | 12.6 | 13.7 | 14.9 | 16.1 | 17.2 | 18.4 | 19.4 | 20.5 | 21.7 |
| -75° | 8.4 | 9.3 | 10.3 | 11.2 | 12.2 | 13.1 | 13.9 | 14.9 | 15.8 | 16.7 | 17.5 |
| -77.5° | 6.6 | 7.4 | 8.1 | 8.8 | 9.5 | 10.3 | 11.0 | 11.7 | 12.4 | 13.0 | 13.6 |
| -80° | 5.0 | 5.5 | 6.1 | 6.6 | 7.1 | 7.6 | 8.1 | 8.6 | 9.2 | 9.7 | 10.1 |
| -82.5° | 3.5 | 3.8 | 4.2 | 4.6 | 4.8 | 5.0 | 5.2 | 5.5 | 6.0 | 6.5 | 6.9 |
| -85° | 2.0 | 2.2 | 2.4 | 2.7 | 2.9 | 3.1 | 3.2 | 3.4 | 3.6 | 3.8 | 4.1 |
| -87.5° | 1.0 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 |
| -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: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 1.8 | 1.9 | 1.9 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.1 | 2.0 | 1.9 |
| 85° | 4.3 | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.2 | 5.2 |
| 82.5° | 7.3 | 7.6 | 7.8 | 8.1 | 8.3 | 8.5 | 8.7 | 8.9 | 9.0 | 9.0 | 8.9 |
| 80° | 10.6 | 11.1 | 11.5 | 12.0 | 12.5 | 12.8 | 13.0 | 13.1 | 13.2 | 13.2 | 13.2 |
| 77.5° | 14.2 | 15.0 | 15.7 | 16.5 | 17.2 | 17.7 | 17.9 | 18.2 | 18.4 | 18.4 | 18.4 |
| 75° | 18.3 | 19.2 | 20.3 | 21.2 | 21.9 | 22.4 | 22.8 | 23.0 | 23.3 | 23.3 | 23.3 |
| 72.5° | 22.9 | 24.1 | 25.0 | 25.8 | 26.5 | 27.0 | 27.4 | 27.8 | 28.1 | 28.2 | 28.3 |
| 70° | 27.6 | 28.7 | 29.6 | 30.4 | 31.0 | 31.6 | 32.1 | 32.5 | 32.9 | 33.1 | 33.3 |
| 67.5° | 32.2 | 33.5 | 34.4 | 35.2 | 35.7 | 36.3 | 37.0 | 37.5 | 38.0 | 38.3 | 38.5 |
| 65° | 37.0 | 38.4 | 39.3 | 40.1 | 40.7 | 41.4 | 42.2 | 42.7 | 43.1 | 43.3 | 43.5 |
| 62.5° | 41.7 | 43.0 | 44.1 | 45.1 | 46.1 | 46.9 | 47.4 | 47.8 | 48.2 | 48.5 | 48.8 |
| 60° | 45.7 | 47.3 | 48.5 | 49.5 | 50.4 | 51.4 | 52.0 | 52.5 | 52.9 | 53.2 | 53.3 |
| 57.5° | 49.1 | 50.7 | 52.2 | 53.1 | 54.2 | 55.3 | 56.0 | 56.4 | 56.8 | 57.1 | 57.3 |
| 55° | 52.0 | 53.6 | 54.9 | 56.2 | 57.4 | 58.4 | 59.2 | 59.7 | 60.2 | 60.6 | 60.7 |
| 52.5° | 54.7 | 56.4 | 58.0 | 59.4 | 60.5 | 61.5 | 62.2 | 62.9 | 63.4 | 63.8 | 64.0 |
| 50° | 57.5 | 59.3 | 61.0 | 62.5 | 63.7 | 64.8 | 65.7 | 66.5 | 67.3 | 68.0 | 68.4 |
| 47.5° | 60.3 | 62.2 | 64.1 | 65.7 | 67.1 | 68.7 | 70.1 | 71.3 | 72.4 | 73.4 | 74.0 |
| 45° | 63.1 | 65.3 | 67.3 | 69.5 | 71.4 | 73.4 | 75.3 | 77.0 | 78.6 | 79.9 | 80.8 |
| 42.5° | 66.2 | 68.7 | 71.2 | 73.8 | 76.4 | 79.1 | 82.0 | 84.5 | 86.5 | 88.3 | 89.8 |
| 40° | 69.5 | 72.4 | 75.5 | 78.8 | 82.7 | 86.2 | 90.1 | 93.4 | 96.3 | 99.5 | 102.0 |
| 37.5° | 73.1 | 76.6 | 80.8 | 85.2 | 90.2 | 95.0 | 100.0 | 105.0 | 109.3 | 114.4 | 118.2 |
| 35° | 76.9 | 81.7 | 86.9 | 92.8 | 99.1 | 105.9 | 112.8 | 120.8 | 127.6 | 135.1 | 141.7 |
| 32.5° | 81.6 | 87.3 | 94.0 | 101.9 | 109.9 | 120.3 | 130.0 | 142.7 | 153.6 | 165.6 | 177.6 |
| 30° | 86.4 | 93.8 | 102.5 | 112.4 | 125.1 | 139.4 | 155.4 | 174.2 | 193.7 | 212.4 | 235.1 |
| 27.5° | 92.3 | 101.2 | 111.8 | 126.3 | 144.9 | 164.3 | 191.8 | 220.0 | 255.7 | 285.2 | 326.9 |
| 25° | 98.4 | 108.9 | 124.0 | 143.6 | 168.0 | 201.6 | 243.3 | 288.5 | 351.3 | 406.5 | 471.2 |
| 22.5° | 105.1 | 119.3 | 138.1 | 162.3 | 199.3 | 250.9 | 314.0 | 399.0 | 491.6 | 590.0 | 687.8 |
| 20° | 112.1 | 129.3 | 153.8 | 189.0 | 239.7 | 309.6 | 417.9 | 549.2 | 681.5 | 843.8 | 987.4 |
| 17.5° | 120.1 | 142.0 | 172.3 | 216.2 | 284.0 | 391.0 | 541.3 | 724.6 | 929.8 | 1163.1 | 1370.2 |
| 15° | 126.8 | 153.0 | 191.1 | 252.6 | 345.8 | 483.2 | 672.7 | 924.9 | 1233.4 | 1546.7 | 1864.5 |
| 12.5° | 134.7 | 164.8 | 209.7 | 283.0 | 400.0 | 582.7 | 840.7 | 1159.9 | 1545.0 | 1979.6 | 2491.9 |
| 10° | 141.6 | 176.5 | 232.2 | 323.0 | 465.9 | 686.4 | 999.5 | 1383.5 | 1880.6 | 2505.8 | 3299.1 |
| 7.5° | 146.7 | 185.8 | 249.7 | 353.4 | 523.0 | 786.1 | 1149.6 | 1628.4 | 2260.1 | 3085.6 | 4174.4 |
| 5° | 150.0 | 192.5 | 262.0 | 376.9 | 567.7 | 860.3 | 1259.6 | 1802.1 | 2564.2 | 3731.8 | 5575.4 |
| 2.5° | 152.0 | 196.5 | 269.0 | 390.7 | 594.8 | 909.5 | 1343.2 | 1933.4 | 2761.3 | 4131.2 | 6476.6 |
| 0° | 152.9 | 197.6 | 273.2 | 398.0 | 603.9 | 928.5 | 1381.7 | 1993.3 | 2849.4 | 4224.5 | 6635.0 |
| -2.5° | 152.0 | 196.5 | 269.0 | 390.7 | 594.8 | 909.5 | 1343.2 | 1933.4 | 2761.3 | 4131.2 | 6476.6 |
| -5° | 150.0 | 192.5 | 262.0 | 376.9 | 567.7 | 860.3 | 1259.6 | 1802.1 | 2564.2 | 3731.8 | 5575.4 |
| -7.5° | 146.7 | 185.8 | 249.7 | 353.4 | 523.0 | 786.1 | 1149.6 | 1628.4 | 2260.1 | 3085.6 | 4174.4 |
| -10° | 141.6 | 176.5 | 232.2 | 323.0 | 465.9 | 686.4 | 999.5 | 1383.5 | 1880.6 | 2505.8 | 3299.1 |
| -12.5° | 134.7 | 164.8 | 209.7 | 283.0 | 400.0 | 582.7 | 840.7 | 1159.9 | 1545.0 | 1979.6 | 2491.9 |
| -15° | 126.8 | 153.0 | 191.1 | 252.6 | 345.8 | 483.2 | 672.7 | 924.9 | 1233.4 | 1546.7 | 1864.5 |
| -17.5° | 120.1 | 142.0 | 172.3 | 216.2 | 284.0 | 391.0 | 541.3 | 724.6 | 929.8 | 1163.1 | 1370.2 |
| -20° | 112.1 | 129.3 | 153.8 | 189.0 | 239.7 | 309.6 | 417.9 | 549.2 | 681.5 | 843.8 | 987.4 |

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| -22.5° | 105.1 | 119.3 | 138.1 | 162.3 | 199.3 | 250.9 | 314.0 | 399.0 | 491.6 | 590.0 | 687.8 |
| -25° | 98.4 | 108.9 | 124.0 | 143.6 | 168.0 | 201.6 | 243.3 | 288.5 | 351.3 | 406.5 | 471.2 |
| -27.5° | 92.3 | 101.2 | 111.8 | 126.3 | 144.9 | 164.3 | 191.8 | 220.0 | 255.7 | 285.2 | 326.9 |
| -30° | 86.4 | 93.8 | 102.5 | 112.4 | 125.1 | 139.4 | 155.4 | 174.2 | 193.7 | 212.4 | 235.1 |
| -32.5° | 81.6 | 87.3 | 94.0 | 101.9 | 109.9 | 120.3 | 130.0 | 142.7 | 153.6 | 165.6 | 177.6 |
| -35° | 76.9 | 81.7 | 86.9 | 92.8 | 99.1 | 105.9 | 112.8 | 120.8 | 127.6 | 135.1 | 141.7 |
| -37.5° | 73.1 | 76.6 | 80.8 | 85.2 | 90.2 | 95.0 | 100.0 | 105.0 | 109.3 | 114.4 | 118.2 |
| -40° | 69.5 | 72.4 | 75.5 | 78.8 | 82.7 | 86.2 | 90.1 | 93.4 | 96.3 | 99.5 | 102.0 |
| -42.5° | 66.2 | 68.7 | 71.2 | 73.8 | 76.4 | 79.1 | 82.0 | 84.5 | 86.5 | 88.3 | 89.8 |
| -45° | 63.1 | 65.3 | 67.3 | 69.5 | 71.4 | 73.4 | 75.3 | 77.0 | 78.6 | 79.9 | 80.8 |
| -47.5° | 60.3 | 62.2 | 64.1 | 65.7 | 67.1 | 68.7 | 70.1 | 71.3 | 72.4 | 73.4 | 74.0 |
| -50° | 57.5 | 59.3 | 61.0 | 62.5 | 63.7 | 64.8 | 65.7 | 66.5 | 67.3 | 68.0 | 68.4 |
| -52.5° | 54.7 | 56.4 | 58.0 | 59.4 | 60.5 | 61.5 | 62.2 | 62.9 | 63.4 | 63.8 | 64.0 |
| -55° | 52.0 | 53.6 | 54.9 | 56.2 | 57.4 | 58.4 | 59.2 | 59.7 | 60.2 | 60.6 | 60.7 |
| -57.5° | 49.1 | 50.7 | 52.2 | 53.1 | 54.2 | 55.3 | 56.0 | 56.4 | 56.8 | 57.1 | 57.3 |
| -60° | 45.7 | 47.3 | 48.5 | 49.5 | 50.4 | 51.4 | 52.0 | 52.5 | 52.9 | 53.2 | 53.3 |
| -62.5° | 41.7 | 43.0 | 44.1 | 45.1 | 46.1 | 46.9 | 47.4 | 47.8 | 48.2 | 48.5 | 48.8 |
| -65° | 37.0 | 38.4 | 39.3 | 40.1 | 40.7 | 41.4 | 42.2 | 42.7 | 43.1 | 43.3 | 43.5 |
| -67.5° | 32.2 | 33.5 | 34.4 | 35.2 | 35.7 | 36.3 | 37.0 | 37.5 | 38.0 | 38.3 | 38.5 |
| -70° | 27.6 | 28.7 | 29.6 | 30.4 | 31.0 | 31.6 | 32.1 | 32.5 | 32.9 | 33.1 | 33.3 |
| -72.5° | 22.9 | 24.1 | 25.0 | 25.8 | 26.5 | 27.0 | 27.4 | 27.8 | 28.1 | 28.2 | 28.3 |
| -75° | 18.3 | 19.2 | 20.3 | 21.2 | 21.9 | 22.4 | 22.8 | 23.0 | 23.3 | 23.3 | 23.3 |
| -77.5° | 14.2 | 15.0 | 15.7 | 16.5 | 17.2 | 17.7 | 17.9 | 18.2 | 18.4 | 18.4 | 18.4 |
| -80° | 10.6 | 11.1 | 11.5 | 12.0 | 12.5 | 12.8 | 13.0 | 13.1 | 13.2 | 13.2 | 13.2 |
| -82.5° | 7.3 | 7.6 | 7.8 | 8.1 | 8.3 | 8.5 | 8.7 | 8.9 | 9.0 | 9.0 | 8.9 |
| -85° | 4.3 | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.2 | 5.2 |
| -87.5° | 1.8 | 1.9 | 1.9 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.1 | 2.0 | 1.9 |
| -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: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-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° | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.1 |
| 85° | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.1 | 5.2 | 5.2 | 5.3 | 5.2 |
| 82.5° | 8.9 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.9 | 8.9 | 9.0 | 9.0 | 8.9 |
| 80° | 13.2 | 13.1 | 12.9 | 12.7 | 12.9 | 13.1 | 13.2 | 13.2 | 13.2 | 13.2 | 13.1 |
| 77.5° | 18.3 | 18.1 | 17.9 | 17.7 | 17.9 | 18.1 | 18.3 | 18.4 | 18.4 | 18.4 | 18.2 |
| 75° | 23.2 | 23.1 | 23.2 | 23.2 | 23.2 | 23.1 | 23.2 | 23.3 | 23.3 | 23.3 | 23.0 |
| 72.5° | 28.2 | 28.1 | 28.2 | 28.2 | 28.2 | 28.1 | 28.2 | 28.3 | 28.2 | 28.1 | 27.8 |
| 70° | 33.5 | 33.5 | 33.4 | 33.1 | 33.4 | 33.5 | 33.5 | 33.3 | 33.1 | 32.9 | 32.5 |
| 67.5° | 38.5 | 38.5 | 38.3 | 38.1 | 38.3 | 38.5 | 38.5 | 38.5 | 38.3 | 38.0 | 37.5 |
| 65° | 43.5 | 43.5 | 43.5 | 43.6 | 43.5 | 43.5 | 43.5 | 43.5 | 43.3 | 43.1 | 42.7 |
| 62.5° | 48.9 | 48.9 | 48.8 | 48.6 | 48.8 | 48.9 | 48.9 | 48.8 | 48.5 | 48.2 | 47.8 |
| 60° | 53.4 | 53.4 | 53.2 | 53.0 | 53.2 | 53.4 | 53.4 | 53.3 | 53.2 | 52.9 | 52.5 |
| 57.5° | 57.3 | 57.3 | 57.1 | 56.9 | 57.1 | 57.3 | 57.3 | 57.3 | 57.1 | 56.8 | 56.4 |
| 55° | 60.7 | 60.6 | 60.5 | 60.2 | 60.5 | 60.6 | 60.7 | 60.7 | 60.6 | 60.2 | 59.7 |
| 52.5° | 64.0 | 63.9 | 63.9 | 64.0 | 63.9 | 63.9 | 64.0 | 64.0 | 63.8 | 63.4 | 62.9 |
| 50° | 68.7 | 68.8 | 68.7 | 68.4 | 68.7 | 68.8 | 68.7 | 68.4 | 68.0 | 67.3 | 66.5 |
| 47.5° | 74.3 | 74.4 | 74.2 | 74.0 | 74.2 | 74.4 | 74.3 | 74.0 | 73.4 | 72.4 | 71.3 |
| 45° | 81.4 | 81.8 | 81.9 | 81.7 | 81.9 | 81.8 | 81.4 | 80.8 | 79.9 | 78.6 | 77.0 |
| 42.5° | 91.0 | 91.6 | 91.8 | 91.6 | 91.8 | 91.6 | 91.0 | 89.8 | 88.3 | 86.5 | 84.5 |
| 40° | 103.6 | 104.3 | 104.4 | 104.3 | 104.4 | 104.3 | 103.6 | 102.0 | 99.5 | 96.3 | 93.4 |
| 37.5° | 121.0 | 122.7 | 123.5 | 123.6 | 123.5 | 122.7 | 121.0 | 118.2 | 114.4 | 109.3 | 105.0 |
| 35° | 146.7 | 150.1 | 152.0 | 152.9 | 152.0 | 150.1 | 146.7 | 141.7 | 135.1 | 127.6 | 120.8 |
| 32.5° | 186.7 | 193.7 | 197.6 | 197.1 | 197.6 | 193.7 | 186.7 | 177.6 | 165.6 | 153.6 | 142.7 |
| 30° | 252.2 | 264.3 | 270.4 | 268.8 | 270.4 | 264.3 | 252.2 | 235.1 | 212.4 | 193.7 | 174.2 |
| 27.5° | 356.8 | 378.7 | 391.4 | 389.7 | 391.4 | 378.7 | 356.8 | 326.9 | 285.2 | 255.7 | 220.0 |
| 25° | 525.2 | 565.3 | 590.9 | 584.6 | 590.9 | 565.3 | 525.2 | 471.2 | 406.5 | 351.3 | 288.5 |
| 22.5° | 781.5 | 849.4 | 894.3 | 888.7 | 894.3 | 849.4 | 781.5 | 687.8 | 590.0 | 491.6 | 399.0 |
| 20° | 1133.1 | 1236.3 | 1310.1 | 1319.8 | 1310.1 | 1236.3 | 1133.1 | 987.4 | 843.8 | 681.5 | 549.2 |
| 17.5° | 1593.9 | 1757.6 | 1871.6 | 1890.6 | 1871.6 | 1757.6 | 1593.9 | 1370.2 | 1163.1 | 929.8 | 724.6 |
| 15° | 2192.8 | 2460.4 | 2654.1 | 2670.0 | 2654.1 | 2460.4 | 2192.8 | 1864.5 | 1546.7 | 1233.4 | 924.9 |
| 12.5° | 3006.1 | 3544.2 | 3895.4 | 4050.0 | 3895.4 | 3544.2 | 3006.1 | 2491.9 | 1979.6 | 1545.0 | 1159.9 |
| 10° | 4131.6 | 5367.6 | 6159.2 | 6456.7 | 6159.2 | 5367.6 | 4131.6 | 3299.1 | 2505.8 | 1880.6 | 1383.5 |
| 7.5° | 6011.5 | 7952.1 | 10109.4 | 11029.0 | 10109.4 | 7952.1 | 6011.5 | 4174.4 | 3085.6 | 2260.1 | 1628.4 |
| 5° | 8140.3 | 12167.7 | 15998.6 | 17494.5 | 15998.6 | 12167.7 | 8140.3 | 5575.4 | 3731.8 | 2564.2 | 1802.1 |
| 2.5° | 10380.5 | 15994.1 | 21254.5 | 23311.8 | 21254.5 | 15994.1 | 10380.5 | 6476.6 | 4131.2 | 2761.3 | 1933.4 |
| 0° | 11255.3 | 17669.5 | 23457.2 | 25764.0 | 23457.2 | 17669.5 | 11255.3 | 6635.0 | 4224.5 | 2849.4 | 1993.3 |
| -2.5° | 10380.5 | 15994.1 | 21254.5 | 23311.8 | 21254.5 | 15994.1 | 10380.5 | 6476.6 | 4131.2 | 2761.3 | 1933.4 |
| -5° | 8140.3 | 12167.7 | 15998.6 | 17494.5 | 15998.6 | 12167.7 | 8140.3 | 5575.4 | 3731.8 | 2564.2 | 1802.1 |
| -7.5° | 6011.5 | 7952.1 | 10109.4 | 11029.0 | 10109.4 | 7952.1 | 6011.5 | 4174.4 | 3085.6 | 2260.1 | 1628.4 |
| -10° | 4131.6 | 5367.6 | 6159.2 | 6456.7 | 6159.2 | 5367.6 | 4131.6 | 3299.1 | 2505.8 | 1880.6 | 1383.5 |
| -12.5° | 3006.1 | 3544.2 | 3895.4 | 4050.0 | 3895.4 | 3544.2 | 3006.1 | 2491.9 | 1979.6 | 1545.0 | 1159.9 |
| -15° | 2192.8 | 2460.4 | 2654.1 | 2670.0 | 2654.1 | 2460.4 | 2192.8 | 1864.5 | 1546.7 | 1233.4 | 924.9 |
| -17.5° | 1593.9 | 1757.6 | 1871.6 | 1890.6 | 1871.6 | 1757.6 | 1593.9 | 1370.2 | 1163.1 | 929.8 | 724.6 |
| -20° | 1133.1 | 1236.3 | 1310.1 | 1319.8 | 1310.1 | 1236.3 | 1133.1 | 987.4 | 843.8 | 681.5 | 549.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 781.5 | 849.4 | 894.3 | 888.7 | 894.3 | 849.4 | 781.5 | 687.8 | 590.0 | 491.6 | 399.0 |
| -25° | 525.2 | 565.3 | 590.9 | 584.6 | 590.9 | 565.3 | 525.2 | 471.2 | 406.5 | 351.3 | 288.5 |
| -27.5° | 356.8 | 378.7 | 391.4 | 389.7 | 391.4 | 378.7 | 356.8 | 326.9 | 285.2 | 255.7 | 220.0 |
| -30° | 252.2 | 264.3 | 270.4 | 268.8 | 270.4 | 264.3 | 252.2 | 235.1 | 212.4 | 193.7 | 174.2 |
| -32.5° | 186.7 | 193.7 | 197.6 | 197.1 | 197.6 | 193.7 | 186.7 | 177.6 | 165.6 | 153.6 | 142.7 |
| -35° | 146.7 | 150.1 | 152.0 | 152.9 | 152.0 | 150.1 | 146.7 | 141.7 | 135.1 | 127.6 | 120.8 |
| -37.5° | 121.0 | 122.7 | 123.5 | 123.6 | 123.5 | 122.7 | 121.0 | 118.2 | 114.4 | 109.3 | 105.0 |
| -40° | 103.6 | 104.3 | 104.4 | 104.3 | 104.4 | 104.3 | 103.6 | 102.0 | 99.5 | 96.3 | 93.4 |
| -42.5° | 91.0 | 91.6 | 91.8 | 91.6 | 91.8 | 91.6 | 91.0 | 89.8 | 88.3 | 86.5 | 84.5 |
| -45° | 81.4 | 81.8 | 81.9 | 81.7 | 81.9 | 81.8 | 81.4 | 80.8 | 79.9 | 78.6 | 77.0 |
| -47.5° | 74.3 | 74.4 | 74.2 | 74.0 | 74.2 | 74.4 | 74.3 | 74.0 | 73.4 | 72.4 | 71.3 |
| -50° | 68.7 | 68.8 | 68.7 | 68.4 | 68.7 | 68.8 | 68.7 | 68.4 | 68.0 | 67.3 | 66.5 |
| -52.5° | 64.0 | 63.9 | 63.9 | 64.0 | 63.9 | 63.9 | 64.0 | 64.0 | 63.8 | 63.4 | 62.9 |
| -55° | 60.7 | 60.6 | 60.5 | 60.2 | 60.5 | 60.6 | 60.7 | 60.7 | 60.6 | 60.2 | 59.7 |
| -57.5° | 57.3 | 57.3 | 57.1 | 56.9 | 57.1 | 57.3 | 57.3 | 57.3 | 57.1 | 56.8 | 56.4 |
| -60° | 53.4 | 53.4 | 53.2 | 53.0 | 53.2 | 53.4 | 53.4 | 53.3 | 53.2 | 52.9 | 52.5 |
| -62.5° | 48.9 | 48.9 | 48.8 | 48.6 | 48.8 | 48.9 | 48.9 | 48.8 | 48.5 | 48.2 | 47.8 |
| -65° | 43.5 | 43.5 | 43.5 | 43.6 | 43.5 | 43.5 | 43.5 | 43.5 | 43.3 | 43.1 | 42.7 |
| -67.5° | 38.5 | 38.5 | 38.3 | 38.1 | 38.3 | 38.5 | 38.5 | 38.5 | 38.3 | 38.0 | 37.5 |
| -70° | 33.5 | 33.5 | 33.4 | 33.1 | 33.4 | 33.5 | 33.5 | 33.3 | 33.1 | 32.9 | 32.5 |
| -72.5° | 28.2 | 28.1 | 28.2 | 28.2 | 28.2 | 28.1 | 28.2 | 28.3 | 28.2 | 28.1 | 27.8 |
| -75° | 23.2 | 23.1 | 23.2 | 23.2 | 23.2 | 23.1 | 23.2 | 23.3 | 23.3 | 23.3 | 23.0 |
| -77.5° | 18.3 | 18.1 | 17.9 | 17.7 | 17.9 | 18.1 | 18.3 | 18.4 | 18.4 | 18.4 | 18.2 |
| -80° | 13.2 | 13.1 | 12.9 | 12.7 | 12.9 | 13.1 | 13.2 | 13.2 | 13.2 | 13.2 | 13.1 |
| -82.5° | 8.9 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.9 | 8.9 | 9.0 | 9.0 | 8.9 |
| -85° | 5.1 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.1 | 5.2 | 5.2 | 5.3 | 5.2 |
| -87.5° | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 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 |



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-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° | 2.1 | 2.0 | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 |
| 85° | 5.1 | 5.0 | 4.9 | 4.8 | 4.6 | 4.5 | 4.3 | 4.1 | 3.8 | 3.6 | 3.4 |
| 82.5° | 8.7 | 8.5 | 8.3 | 8.1 | 7.8 | 7.6 | 7.3 | 6.9 | 6.5 | 6.0 | 5.5 |
| 80° | 13.0 | 12.8 | 12.5 | 12.0 | 11.5 | 11.1 | 10.6 | 10.1 | 9.7 | 9.2 | 8.6 |
| 77.5° | 17.9 | 17.7 | 17.2 | 16.5 | 15.7 | 15.0 | 14.2 | 13.6 | 13.0 | 12.4 | 11.7 |
| 75° | 22.8 | 22.4 | 21.9 | 21.2 | 20.3 | 19.2 | 18.3 | 17.5 | 16.7 | 15.8 | 14.9 |
| 72.5° | 27.4 | 27.0 | 26.5 | 25.8 | 25.0 | 24.1 | 22.9 | 21.7 | 20.5 | 19.4 | 18.4 |
| 70° | 32.1 | 31.6 | 31.0 | 30.4 | 29.6 | 28.7 | 27.6 | 26.1 | 24.5 | 23.0 | 21.8 |
| 67.5° | 37.0 | 36.3 | 35.7 | 35.2 | 34.4 | 33.5 | 32.2 | 30.8 | 29.2 | 27.4 | 25.8 |
| 65° | 42.2 | 41.4 | 40.7 | 40.1 | 39.3 | 38.4 | 37.0 | 35.4 | 33.7 | 32.0 | 30.1 |
| 62.5° | 47.4 | 46.9 | 46.1 | 45.1 | 44.1 | 43.0 | 41.7 | 40.1 | 38.3 | 36.2 | 34.1 |
| 60° | 52.0 | 51.4 | 50.4 | 49.5 | 48.5 | 47.3 | 45.7 | 44.2 | 43.0 | 40.7 | 38.2 |
| 57.5° | 56.0 | 55.3 | 54.2 | 53.1 | 52.2 | 50.7 | 49.1 | 47.4 | 45.8 | 44.2 | 42.1 |
| 55° | 59.2 | 58.4 | 57.4 | 56.2 | 54.9 | 53.6 | 52.0 | 50.3 | 48.6 | 47.1 | 45.2 |
| 52.5° | 62.2 | 61.5 | 60.5 | 59.4 | 58.0 | 56.4 | 54.7 | 53.0 | 51.4 | 49.9 | 48.1 |
| 50° | 65.7 | 64.8 | 63.7 | 62.5 | 61.0 | 59.3 | 57.5 | 55.6 | 54.0 | 52.5 | 50.8 |
| 47.5° | 70.1 | 68.7 | 67.1 | 65.7 | 64.1 | 62.2 | 60.3 | 58.4 | 56.6 | 54.8 | 53.1 |
| 45° | 75.3 | 73.4 | 71.4 | 69.5 | 67.3 | 65.3 | 63.1 | 61.2 | 59.3 | 57.3 | 55.2 |
| 42.5° | 82.0 | 79.1 | 76.4 | 73.8 | 71.2 | 68.7 | 66.2 | 63.9 | 61.8 | 59.7 | 57.4 |
| 40° | 90.1 | 86.2 | 82.7 | 78.8 | 75.5 | 72.4 | 69.5 | 66.7 | 64.3 | 62.0 | 59.6 |
| 37.5° | 100.0 | 95.0 | 90.2 | 85.2 | 80.8 | 76.6 | 73.1 | 69.8 | 66.7 | 64.1 | 61.6 |
| 35° | 112.8 | 105.9 | 99.1 | 92.8 | 86.9 | 81.7 | 76.9 | 73.1 | 69.5 | 66.3 | 63.5 |
| 32.5° | 130.0 | 120.3 | 109.9 | 101.9 | 94.0 | 87.3 | 81.6 | 76.6 | 72.4 | 68.7 | 65.4 |
| 30° | 155.4 | 139.4 | 125.1 | 112.4 | 102.5 | 93.8 | 86.4 | 80.6 | 75.5 | 71.2 | 67.3 |
| 27.5° | 191.8 | 164.3 | 144.9 | 126.3 | 111.8 | 101.2 | 92.3 | 84.7 | 78.7 | 73.8 | 69.5 |
| 25° | 243.3 | 201.6 | 168.0 | 143.6 | 124.0 | 108.9 | 98.4 | 89.7 | 82.4 | 76.4 | 71.2 |
| 22.5° | 314.0 | 250.9 | 199.3 | 162.3 | 138.1 | 119.3 | 105.1 | 94.5 | 85.7 | 78.6 | 72.9 |
| 20° | 417.9 | 309.6 | 239.7 | 189.0 | 153.8 | 129.3 | 112.1 | 99.6 | 89.4 | 81.0 | 74.5 |
| 17.5° | 541.3 | 391.0 | 284.0 | 216.2 | 172.3 | 142.0 | 120.1 | 104.3 | 92.7 | 83.1 | 75.8 |
| 15° | 672.7 | 483.2 | 345.8 | 252.6 | 191.1 | 153.0 | 126.8 | 108.4 | 95.9 | 85.4 | 77.4 |
| 12.5° | 840.7 | 582.7 | 400.0 | 283.0 | 209.7 | 164.8 | 134.7 | 113.7 | 99.1 | 87.8 | 79.1 |
| 10° | 999.5 | 686.4 | 465.9 | 323.0 | 232.2 | 176.5 | 141.6 | 117.7 | 101.5 | 89.7 | 80.4 |
| 7.5° | 1149.6 | 786.1 | 523.0 | 353.4 | 249.7 | 185.8 | 146.7 | 120.7 | 103.3 | 91.0 | 81.4 |
| 5° | 1259.6 | 860.3 | 567.7 | 376.9 | 262.0 | 192.5 | 150.0 | 122.5 | 104.3 | 91.8 | 82.1 |
| 2.5° | 1343.2 | 909.5 | 594.8 | 390.7 | 269.0 | 196.5 | 152.0 | 123.9 | 105.3 | 92.5 | 82.9 |
| 0° | 1381.7 | 928.5 | 603.9 | 398.0 | 273.2 | 197.6 | 152.9 | 124.8 | 106.0 | 92.7 | 83.4 |
| -2.5° | 1343.2 | 909.5 | 594.8 | 390.7 | 269.0 | 196.5 | 152.0 | 123.9 | 105.3 | 92.5 | 82.9 |
| -5° | 1259.6 | 860.3 | 567.7 | 376.9 | 262.0 | 192.5 | 150.0 | 122.5 | 104.3 | 91.8 | 82.1 |
| -7.5° | 1149.6 | 786.1 | 523.0 | 353.4 | 249.7 | 185.8 | 146.7 | 120.7 | 103.3 | 91.0 | 81.4 |
| -10° | 999.5 | 686.4 | 465.9 | 323.0 | 232.2 | 176.5 | 141.6 | 117.7 | 101.5 | 89.7 | 80.4 |
| -12.5° | 840.7 | 582.7 | 400.0 | 283.0 | 209.7 | 164.8 | 134.7 | 113.7 | 99.1 | 87.8 | 79.1 |
| -15° | 672.7 | 483.2 | 345.8 | 252.6 | 191.1 | 153.0 | 126.8 | 108.4 | 95.9 | 85.4 | 77.4 |
| -17.5° | 541.3 | 391.0 | 284.0 | 216.2 | 172.3 | 142.0 | 120.1 | 104.3 | 92.7 | 83.1 | 75.8 |
| -20° | 417.9 | 309.6 | 239.7 | 189.0 | 153.8 | 129.3 | 112.1 | 99.6 | 89.4 | 81.0 | 74.5 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|
| -22.5° | 314.0 | 250.9 | 199.3 | 162.3 | 138.1 | 119.3 | 105.1 | 94.5 | 85.7 | 78.6 | 72.9 |
| -25° | 243.3 | 201.6 | 168.0 | 143.6 | 124.0 | 108.9 | 98.4 | 89.7 | 82.4 | 76.4 | 71.2 |
| -27.5° | 191.8 | 164.3 | 144.9 | 126.3 | 111.8 | 101.2 | 92.3 | 84.7 | 78.7 | 73.8 | 69.5 |
| -30° | 155.4 | 139.4 | 125.1 | 112.4 | 102.5 | 93.8 | 86.4 | 80.6 | 75.5 | 71.2 | 67.3 |
| -32.5° | 130.0 | 120.3 | 109.9 | 101.9 | 94.0 | 87.3 | 81.6 | 76.6 | 72.4 | 68.7 | 65.4 |
| -35° | 112.8 | 105.9 | 99.1 | 92.8 | 86.9 | 81.7 | 76.9 | 73.1 | 69.5 | 66.3 | 63.5 |
| -37.5° | 100.0 | 95.0 | 90.2 | 85.2 | 80.8 | 76.6 | 73.1 | 69.8 | 66.7 | 64.1 | 61.6 |
| -40° | 90.1 | 86.2 | 82.7 | 78.8 | 75.5 | 72.4 | 69.5 | 66.7 | 64.3 | 62.0 | 59.6 |
| -42.5° | 82.0 | 79.1 | 76.4 | 73.8 | 71.2 | 68.7 | 66.2 | 63.9 | 61.8 | 59.7 | 57.4 |
| -45° | 75.3 | 73.4 | 71.4 | 69.5 | 67.3 | 65.3 | 63.1 | 61.2 | 59.3 | 57.3 | 55.2 |
| -47.5° | 70.1 | 68.7 | 67.1 | 65.7 | 64.1 | 62.2 | 60.3 | 58.4 | 56.6 | 54.8 | 53.1 |
| -50° | 65.7 | 64.8 | 63.7 | 62.5 | 61.0 | 59.3 | 57.5 | 55.6 | 54.0 | 52.5 | 50.8 |
| -52.5° | 62.2 | 61.5 | 60.5 | 59.4 | 58.0 | 56.4 | 54.7 | 53.0 | 51.4 | 49.9 | 48.1 |
| -55° | 59.2 | 58.4 | 57.4 | 56.2 | 54.9 | 53.6 | 52.0 | 50.3 | 48.6 | 47.1 | 45.2 |
| -57.5° | 56.0 | 55.3 | 54.2 | 53.1 | 52.2 | 50.7 | 49.1 | 47.4 | 45.8 | 44.2 | 42.1 |
| -60° | 52.0 | 51.4 | 50.4 | 49.5 | 48.5 | 47.3 | 45.7 | 44.2 | 43.0 | 40.7 | 38.2 |
| -62.5° | 47.4 | 46.9 | 46.1 | 45.1 | 44.1 | 43.0 | 41.7 | 40.1 | 38.3 | 36.2 | 34.1 |
| -65° | 42.2 | 41.4 | 40.7 | 40.1 | 39.3 | 38.4 | 37.0 | 35.4 | 33.7 | 32.0 | 30.1 |
| -67.5° | 37.0 | 36.3 | 35.7 | 35.2 | 34.4 | 33.5 | 32.2 | 30.8 | 29.2 | 27.4 | 25.8 |
| -70° | 32.1 | 31.6 | 31.0 | 30.4 | 29.6 | 28.7 | 27.6 | 26.1 | 24.5 | 23.0 | 21.8 |
| -72.5° | 27.4 | 27.0 | 26.5 | 25.8 | 25.0 | 24.1 | 22.9 | 21.7 | 20.5 | 19.4 | 18.4 |
| -75° | 22.8 | 22.4 | 21.9 | 21.2 | 20.3 | 19.2 | 18.3 | 17.5 | 16.7 | 15.8 | 14.9 |
| -77.5° | 17.9 | 17.7 | 17.2 | 16.5 | 15.7 | 15.0 | 14.2 | 13.6 | 13.0 | 12.4 | 11.7 |
| -80° | 13.0 | 12.8 | 12.5 | 12.0 | 11.5 | 11.1 | 10.6 | 10.1 | 9.7 | 9.2 | 8.6 |
| -82.5° | 8.7 | 8.5 | 8.3 | 8.1 | 7.8 | 7.6 | 7.3 | 6.9 | 6.5 | 6.0 | 5.5 |
| -85° | 5.1 | 5.0 | 4.9 | 4.8 | 4.6 | 4.5 | 4.3 | 4.1 | 3.8 | 3.6 | 3.4 |
| -87.5° | 2.1 | 2.0 | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 |
| -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: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-730-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° | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.8 | 0.7 |
| 85° | 3.2 | 3.1 | 2.9 | 2.7 | 2.4 | 2.2 | 2.0 | 1.9 | 1.7 | 1.5 | 1.3 |
| 82.5° | 5.2 | 5.0 | 4.8 | 4.6 | 4.2 | 3.8 | 3.5 | 3.1 | 2.7 | 2.3 | 2.0 |
| 80° | 8.1 | 7.6 | 7.1 | 6.6 | 6.1 | 5.5 | 5.0 | 4.5 | 3.9 | 3.4 | 2.9 |
| 77.5° | 11.0 | 10.3 | 9.5 | 8.8 | 8.1 | 7.4 | 6.6 | 5.9 | 5.2 | 4.5 | 3.8 |
| 75° | 13.9 | 13.1 | 12.2 | 11.2 | 10.3 | 9.3 | 8.4 | 7.5 | 6.6 | 5.6 | 4.8 |
| 72.5° | 17.2 | 16.1 | 14.9 | 13.7 | 12.6 | 11.4 | 10.2 | 9.1 | 8.0 | 6.9 | 5.8 |
| 70° | 20.6 | 19.3 | 17.8 | 16.5 | 15.0 | 13.5 | 12.2 | 10.8 | 9.4 | 8.2 | 6.9 |
| 67.5° | 24.2 | 22.8 | 21.1 | 19.3 | 17.7 | 16.0 | 14.2 | 12.6 | 11.0 | 9.4 | 8.0 |
| 65° | 28.2 | 26.3 | 24.6 | 22.5 | 20.5 | 18.5 | 16.6 | 14.4 | 12.6 | 10.8 | 9.1 |
| 62.5° | 32.0 | 29.9 | 27.7 | 25.6 | 23.3 | 21.1 | 18.9 | 16.5 | 14.2 | 12.2 | 10.2 |
| 60° | 35.8 | 33.4 | 30.8 | 28.4 | 26.0 | 23.6 | 21.1 | 18.5 | 16.0 | 13.5 | 11.4 |
| 57.5° | 39.4 | 36.9 | 34.0 | 31.1 | 28.5 | 26.0 | 23.3 | 20.4 | 17.7 | 15.0 | 12.6 |
| 55° | 42.8 | 40.0 | 36.9 | 33.8 | 30.9 | 28.1 | 25.3 | 22.3 | 19.4 | 16.5 | 13.6 |
| 52.5° | 45.9 | 43.0 | 39.7 | 36.4 | 33.2 | 30.2 | 27.3 | 24.1 | 20.9 | 17.9 | 14.8 |
| 50° | 48.8 | 45.9 | 42.5 | 38.9 | 35.4 | 32.3 | 29.2 | 25.8 | 22.4 | 19.2 | 16.0 |
| 47.5° | 51.3 | 48.5 | 45.2 | 41.4 | 37.7 | 34.3 | 31.0 | 27.5 | 23.9 | 20.5 | 17.1 |
| 45° | 53.3 | 51.0 | 47.8 | 44.0 | 39.9 | 36.4 | 32.8 | 29.2 | 25.4 | 21.7 | 18.2 |
| 42.5° | 55.2 | 53.0 | 50.2 | 46.5 | 42.3 | 38.4 | 34.6 | 30.8 | 26.9 | 22.9 | 19.2 |
| 40° | 57.2 | 54.9 | 52.4 | 48.6 | 44.5 | 40.3 | 36.4 | 32.4 | 28.3 | 24.0 | 20.2 |
| 37.5° | 59.0 | 56.6 | 54.1 | 50.6 | 46.5 | 42.2 | 38.1 | 33.9 | 29.6 | 25.2 | 21.1 |
| 35° | 60.8 | 58.1 | 55.5 | 52.2 | 48.2 | 43.9 | 39.7 | 35.4 | 30.8 | 26.3 | 22.0 |
| 32.5° | 62.5 | 59.5 | 56.7 | 53.5 | 49.7 | 45.4 | 41.2 | 36.6 | 32.0 | 27.3 | 22.8 |
| 30° | 64.1 | 60.9 | 57.9 | 54.8 | 51.0 | 46.7 | 42.4 | 37.8 | 33.0 | 28.2 | 23.6 |
| 27.5° | 65.4 | 62.0 | 59.0 | 55.8 | 52.1 | 47.9 | 43.5 | 38.8 | 34.0 | 29.1 | 24.3 |
| 25° | 66.7 | 63.0 | 59.9 | 56.8 | 53.1 | 49.1 | 44.5 | 39.7 | 34.9 | 29.8 | 25.0 |
| 22.5° | 68.1 | 63.9 | 60.6 | 57.7 | 54.1 | 50.2 | 45.4 | 40.5 | 35.6 | 30.5 | 25.6 |
| 20° | 69.3 | 64.8 | 61.1 | 58.5 | 54.9 | 51.1 | 46.3 | 41.2 | 36.2 | 31.2 | 26.1 |
| 17.5° | 70.4 | 65.6 | 61.8 | 58.9 | 55.6 | 51.8 | 47.1 | 41.9 | 36.8 | 31.7 | 26.6 |
| 15° | 71.6 | 66.6 | 62.4 | 59.3 | 56.1 | 52.4 | 47.9 | 42.4 | 37.2 | 32.2 | 27.0 |
| 12.5° | 72.6 | 67.3 | 62.9 | 59.5 | 56.5 | 53.0 | 48.6 | 42.9 | 37.5 | 32.6 | 27.3 |
| 10° | 73.4 | 67.9 | 63.3 | 59.7 | 56.8 | 53.3 | 49.1 | 43.3 | 37.9 | 32.9 | 27.6 |
| 7.5° | 74.1 | 68.3 | 63.5 | 59.8 | 57.0 | 53.7 | 49.6 | 43.8 | 38.2 | 33.1 | 27.9 |
| 5° | 74.6 | 68.6 | 63.9 | 60.2 | 57.2 | 53.9 | 49.9 | 44.2 | 38.4 | 33.2 | 28.1 |
| 2.5° | 75.0 | 68.9 | 64.3 | 60.5 | 57.4 | 54.1 | 50.1 | 44.5 | 38.6 | 33.2 | 28.2 |
| 0° | 75.1 | 69.0 | 64.6 | 60.7 | 57.4 | 54.1 | 50.2 | 44.7 | 38.6 | 33.1 | 28.2 |
| -2.5° | 75.0 | 68.9 | 64.3 | 60.5 | 57.4 | 54.1 | 50.1 | 44.5 | 38.6 | 33.2 | 28.2 |
| -5° | 74.6 | 68.6 | 63.9 | 60.2 | 57.2 | 53.9 | 49.9 | 44.2 | 38.4 | 33.2 | 28.1 |
| -7.5° | 74.1 | 68.3 | 63.5 | 59.8 | 57.0 | 53.7 | 49.6 | 43.8 | 38.2 | 33.1 | 27.9 |
| -10° | 73.4 | 67.9 | 63.3 | 59.7 | 56.8 | 53.3 | 49.1 | 43.3 | 37.9 | 32.9 | 27.6 |
| -12.5° | 72.6 | 67.3 | 62.9 | 59.5 | 56.5 | 53.0 | 48.6 | 42.9 | 37.5 | 32.6 | 27.3 |
| -15° | 71.6 | 66.6 | 62.4 | 59.3 | 56.1 | 52.4 | 47.9 | 42.4 | 37.2 | 32.2 | 27.0 |
| -17.5° | 70.4 | 65.6 | 61.8 | 58.9 | 55.6 | 51.8 | 47.1 | 41.9 | 36.8 | 31.7 | 26.6 |
| -20° | 69.3 | 64.8 | 61.1 | 58.5 | 54.9 | 51.1 | 46.3 | 41.2 | 36.2 | 31.2 | 26.1 |

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

Scaled Data Report



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-730-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° | 68.1 | 63.9 | 60.6 | 57.7 | 54.1 | 50.2 | 45.4 | 40.5 | 35.6 | 30.5 | 25.6 |
| -25° | 66.7 | 63.0 | 59.9 | 56.8 | 53.1 | 49.1 | 44.5 | 39.7 | 34.9 | 29.8 | 25.0 |
| -27.5° | 65.4 | 62.0 | 59.0 | 55.8 | 52.1 | 47.9 | 43.5 | 38.8 | 34.0 | 29.1 | 24.3 |
| -30° | 64.1 | 60.9 | 57.9 | 54.8 | 51.0 | 46.7 | 42.4 | 37.8 | 33.0 | 28.2 | 23.6 |
| -32.5° | 62.5 | 59.5 | 56.7 | 53.5 | 49.7 | 45.4 | 41.2 | 36.6 | 32.0 | 27.3 | 22.8 |
| -35° | 60.8 | 58.1 | 55.5 | 52.2 | 48.2 | 43.9 | 39.7 | 35.4 | 30.8 | 26.3 | 22.0 |
| -37.5° | 59.0 | 56.6 | 54.1 | 50.6 | 46.5 | 42.2 | 38.1 | 33.9 | 29.6 | 25.2 | 21.1 |
| -40° | 57.2 | 54.9 | 52.4 | 48.6 | 44.5 | 40.3 | 36.4 | 32.4 | 28.3 | 24.0 | 20.2 |
| -42.5° | 55.2 | 53.0 | 50.2 | 46.5 | 42.3 | 38.4 | 34.6 | 30.8 | 26.9 | 22.9 | 19.2 |
| -45° | 53.3 | 51.0 | 47.8 | 44.0 | 39.9 | 36.4 | 32.8 | 29.2 | 25.4 | 21.7 | 18.2 |
| -47.5° | 51.3 | 48.5 | 45.2 | 41.4 | 37.7 | 34.3 | 31.0 | 27.5 | 23.9 | 20.5 | 17.1 |
| -50° | 48.8 | 45.9 | 42.5 | 38.9 | 35.4 | 32.3 | 29.2 | 25.8 | 22.4 | 19.2 | 16.0 |
| -52.5° | 45.9 | 43.0 | 39.7 | 36.4 | 33.2 | 30.2 | 27.3 | 24.1 | 20.9 | 17.9 | 14.8 |
| -55° | 42.8 | 40.0 | 36.9 | 33.8 | 30.9 | 28.1 | 25.3 | 22.3 | 19.4 | 16.5 | 13.6 |
| -57.5° | 39.4 | 36.9 | 34.0 | 31.1 | 28.5 | 26.0 | 23.3 | 20.4 | 17.7 | 15.0 | 12.6 |
| -60° | 35.8 | 33.4 | 30.8 | 28.4 | 26.0 | 23.6 | 21.1 | 18.5 | 16.0 | 13.5 | 11.4 |
| -62.5° | 32.0 | 29.9 | 27.7 | 25.6 | 23.3 | 21.1 | 18.9 | 16.5 | 14.2 | 12.2 | 10.2 |
| -65° | 28.2 | 26.3 | 24.6 | 22.5 | 20.5 | 18.5 | 16.6 | 14.4 | 12.6 | 10.8 | 9.1 |
| -67.5° | 24.2 | 22.8 | 21.1 | 19.3 | 17.7 | 16.0 | 14.2 | 12.6 | 11.0 | 9.4 | 8.0 |
| -70° | 20.6 | 19.3 | 17.8 | 16.5 | 15.0 | 13.5 | 12.2 | 10.8 | 9.4 | 8.2 | 6.9 |
| -72.5° | 17.2 | 16.1 | 14.9 | 13.7 | 12.6 | 11.4 | 10.2 | 9.1 | 8.0 | 6.9 | 5.8 |
| -75° | 13.9 | 13.1 | 12.2 | 11.2 | 10.3 | 9.3 | 8.4 | 7.5 | 6.6 | 5.6 | 4.8 |
| -77.5° | 11.0 | 10.3 | 9.5 | 8.8 | 8.1 | 7.4 | 6.6 | 5.9 | 5.2 | 4.5 | 3.8 |
| -80° | 8.1 | 7.6 | 7.1 | 6.6 | 6.1 | 5.5 | 5.0 | 4.5 | 3.9 | 3.4 | 2.9 |
| -82.5° | 5.2 | 5.0 | 4.8 | 4.6 | 4.2 | 3.8 | 3.5 | 3.1 | 2.7 | 2.3 | 2.0 |
| -85° | 3.2 | 3.1 | 2.9 | 2.7 | 2.4 | 2.2 | 2.0 | 1.9 | 1.7 | 1.5 | 1.3 |
| -87.5° | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.8 | 0.7 |
| -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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Scaled Data Report



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-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° | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 |
| 85° | 1.1 | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 | 0.0 |
| 82.5° | 1.7 | 1.4 | 1.1 | 0.9 | 0.6 | 0.3 | 0.0 |
| 80° | 2.3 | 1.9 | 1.5 | 1.1 | 0.8 | 0.3 | 0.0 |
| 77.5° | 3.1 | 2.4 | 1.9 | 1.4 | 0.9 | 0.4 | 0.0 |
| 75° | 4.0 | 3.1 | 2.3 | 1.7 | 1.1 | 0.5 | 0.0 |
| 72.5° | 4.8 | 3.8 | 2.8 | 2.0 | 1.3 | 0.6 | 0.0 |
| 70° | 5.6 | 4.4 | 3.3 | 2.3 | 1.5 | 0.7 | 0.0 |
| 67.5° | 6.5 | 5.0 | 3.8 | 2.6 | 1.7 | 0.7 | 0.0 |
| 65° | 7.4 | 5.7 | 4.3 | 3.0 | 1.8 | 0.8 | 0.0 |
| 62.5° | 8.3 | 6.4 | 4.7 | 3.3 | 2.0 | 0.9 | 0.0 |
| 60° | 9.2 | 7.2 | 5.2 | 3.6 | 2.1 | 1.0 | 0.0 |
| 57.5° | 10.1 | 7.9 | 5.7 | 3.9 | 2.3 | 1.0 | 0.0 |
| 55° | 11.1 | 8.5 | 6.3 | 4.3 | 2.5 | 1.1 | 0.0 |
| 52.5° | 12.0 | 9.2 | 6.8 | 4.5 | 2.7 | 1.2 | 0.0 |
| 50° | 12.9 | 10.0 | 7.3 | 4.8 | 2.9 | 1.2 | 0.0 |
| 47.5° | 13.7 | 10.7 | 7.8 | 5.1 | 3.1 | 1.3 | 0.0 |
| 45° | 14.6 | 11.3 | 8.2 | 5.5 | 3.3 | 1.3 | 0.0 |
| 42.5° | 15.5 | 12.0 | 8.7 | 5.8 | 3.4 | 1.4 | 0.0 |
| 40° | 16.4 | 12.6 | 9.1 | 6.1 | 3.6 | 1.4 | 0.0 |
| 37.5° | 17.2 | 13.2 | 9.6 | 6.4 | 3.8 | 1.5 | 0.0 |
| 35° | 17.9 | 13.8 | 10.0 | 6.7 | 3.9 | 1.5 | 0.0 |
| 32.5° | 18.6 | 14.3 | 10.4 | 7.0 | 4.0 | 1.5 | 0.0 |
| 30° | 19.3 | 14.9 | 10.8 | 7.3 | 4.2 | 1.6 | 0.0 |
| 27.5° | 19.9 | 15.4 | 11.2 | 7.5 | 4.3 | 1.6 | 0.0 |
| 25° | 20.4 | 15.8 | 11.5 | 7.7 | 4.4 | 1.6 | 0.0 |
| 22.5° | 20.9 | 16.3 | 11.8 | 7.9 | 4.5 | 1.7 | 0.0 |
| 20° | 21.4 | 16.6 | 12.1 | 8.1 | 4.6 | 1.7 | 0.0 |
| 17.5° | 21.7 | 16.9 | 12.4 | 8.3 | 4.7 | 1.7 | 0.0 |
| 15° | 22.0 | 17.2 | 12.6 | 8.4 | 4.8 | 1.7 | 0.0 |
| 12.5° | 22.3 | 17.4 | 12.8 | 8.5 | 4.8 | 1.7 | 0.0 |
| 10° | 22.5 | 17.6 | 12.9 | 8.6 | 4.9 | 1.7 | 0.0 |
| 7.5° | 22.6 | 17.7 | 13.0 | 8.7 | 4.9 | 1.7 | 0.0 |
| 5° | 22.6 | 17.7 | 13.1 | 8.8 | 5.0 | 1.7 | 0.0 |
| 2.5° | 22.7 | 17.7 | 13.2 | 8.8 | 5.0 | 1.7 | 0.0 |
| 0° | 22.6 | 17.7 | 13.2 | 8.8 | 5.0 | 1.7 | 0.0 |
| -2.5° | 22.7 | 17.7 | 13.2 | 8.8 | 5.0 | 1.7 | 0.0 |
| -5° | 22.6 | 17.7 | 13.1 | 8.8 | 5.0 | 1.7 | 0.0 |
| -7.5° | 22.6 | 17.7 | 13.0 | 8.7 | 4.9 | 1.7 | 0.0 |
| -10° | 22.5 | 17.6 | 12.9 | 8.6 | 4.9 | 1.7 | 0.0 |
| -12.5° | 22.3 | 17.4 | 12.8 | 8.5 | 4.8 | 1.7 | 0.0 |
| -15° | 22.0 | 17.2 | 12.6 | 8.4 | 4.8 | 1.7 | 0.0 |
| -17.5° | 21.7 | 16.9 | 12.4 | 8.3 | 4.7 | 1.7 | 0.0 |
| -20° | 21.4 | 16.6 | 12.1 | 8.1 | 4.6 | 1.7 | 0.0 |

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Scaled Data Report



REPORT NUMBER: P626549 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1A-730-U-NR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 20.9 | 16.3 | 11.8 | 7.9 | 4.5 | 1.7 | 0.0 |
| -25° | 20.4 | 15.8 | 11.5 | 7.7 | 4.4 | 1.6 | 0.0 |
| -27.5° | 19.9 | 15.4 | 11.2 | 7.5 | 4.3 | 1.6 | 0.0 |
| -30° | 19.3 | 14.9 | 10.8 | 7.3 | 4.2 | 1.6 | 0.0 |
| -32.5° | 18.6 | 14.3 | 10.4 | 7.0 | 4.0 | 1.5 | 0.0 |
| -35° | 17.9 | 13.8 | 10.0 | 6.7 | 3.9 | 1.5 | 0.0 |
| -37.5° | 17.2 | 13.2 | 9.6 | 6.4 | 3.8 | 1.5 | 0.0 |
| -40° | 16.4 | 12.6 | 9.1 | 6.1 | 3.6 | 1.4 | 0.0 |
| -42.5° | 15.5 | 12.0 | 8.7 | 5.8 | 3.4 | 1.4 | 0.0 |
| -45° | 14.6 | 11.3 | 8.2 | 5.5 | 3.3 | 1.3 | 0.0 |
| -47.5° | 13.7 | 10.7 | 7.8 | 5.1 | 3.1 | 1.3 | 0.0 |
| -50° | 12.9 | 10.0 | 7.3 | 4.8 | 2.9 | 1.2 | 0.0 |
| -52.5° | 12.0 | 9.2 | 6.8 | 4.5 | 2.7 | 1.2 | 0.0 |
| -55° | 11.1 | 8.5 | 6.3 | 4.3 | 2.5 | 1.1 | 0.0 |
| -57.5° | 10.1 | 7.9 | 5.7 | 3.9 | 2.3 | 1.0 | 0.0 |
| -60° | 9.2 | 7.2 | 5.2 | 3.6 | 2.1 | 1.0 | 0.0 |
| -62.5° | 8.3 | 6.4 | 4.7 | 3.3 | 2.0 | 0.9 | 0.0 |
| -65° | 7.4 | 5.7 | 4.3 | 3.0 | 1.8 | 0.8 | 0.0 |
| -67.5° | 6.5 | 5.0 | 3.8 | 2.6 | 1.7 | 0.7 | 0.0 |
| -70° | 5.6 | 4.4 | 3.3 | 2.3 | 1.5 | 0.7 | 0.0 |
| -72.5° | 4.8 | 3.8 | 2.8 | 2.0 | 1.3 | 0.6 | 0.0 |
| -75° | 4.0 | 3.1 | 2.3 | 1.7 | 1.1 | 0.5 | 0.0 |
| -77.5° | 3.1 | 2.4 | 1.9 | 1.4 | 0.9 | 0.4 | 0.0 |
| -80° | 2.3 | 1.9 | 1.5 | 1.1 | 0.8 | 0.3 | 0.0 |
| -82.5° | 1.7 | 1.4 | 1.1 | 0.9 | 0.6 | 0.3 | 0.0 |
| -85° | 1.1 | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 | 0.0 |
| -87.5° | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)