

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: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1D-740-U-NR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-12)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA1D-740-U-NR-VSR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3 WITH VISOR
Light Source: (16) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6947.6 lumens
Efficiency: N/A
Efficacy: 121.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 70425.5 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.6°H x 13.6°V
Beam Lumens: 2218 lumens
Beam Efficiency: 31.9%

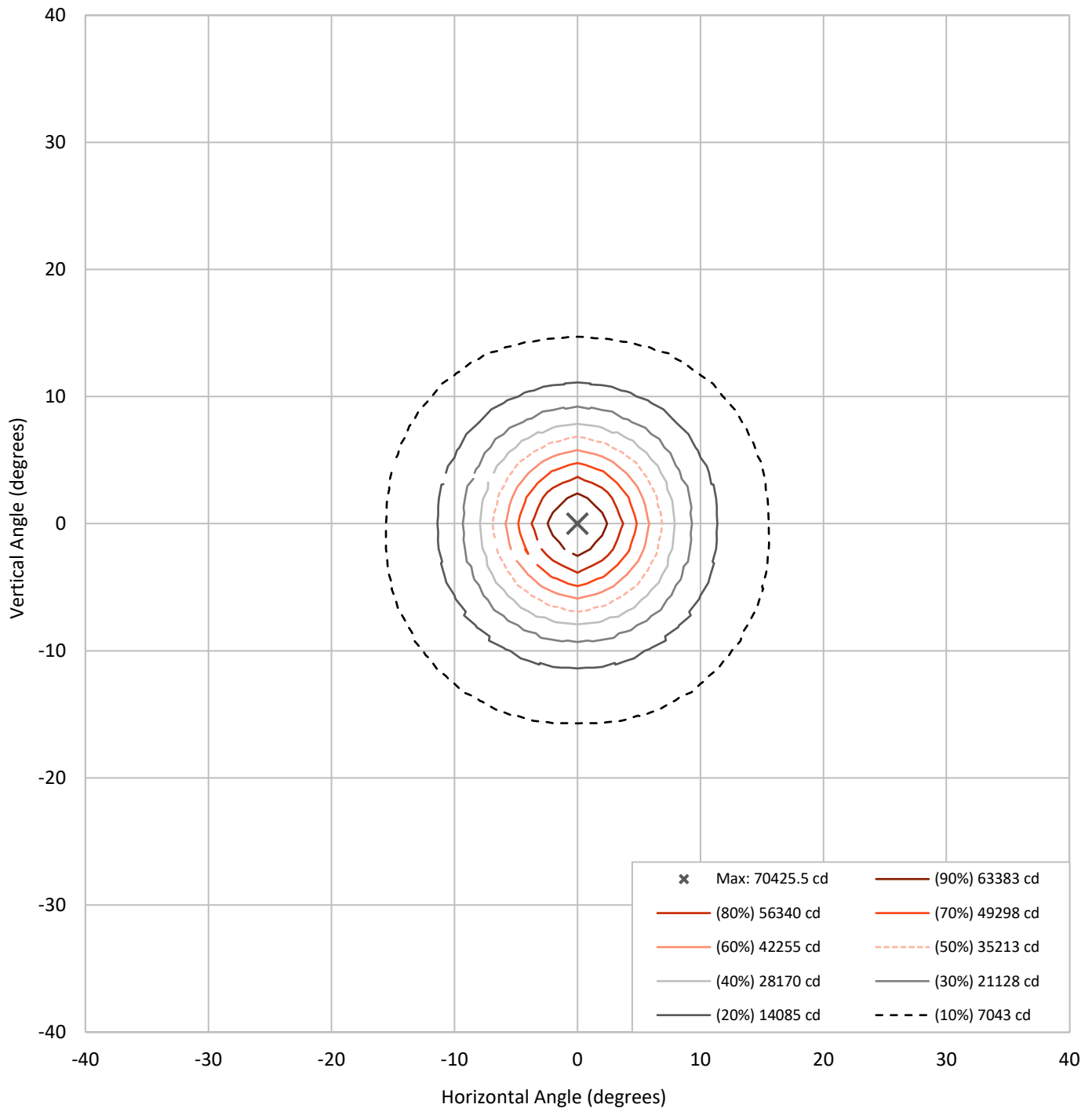
Field Angle (10%): 30.9°H x 30.2°V
Field Lumens: 4940.2 lumens
Field Efficiency: 71.1%

Input Watts (W): 57.3
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: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

Iso-Candela Plot





REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

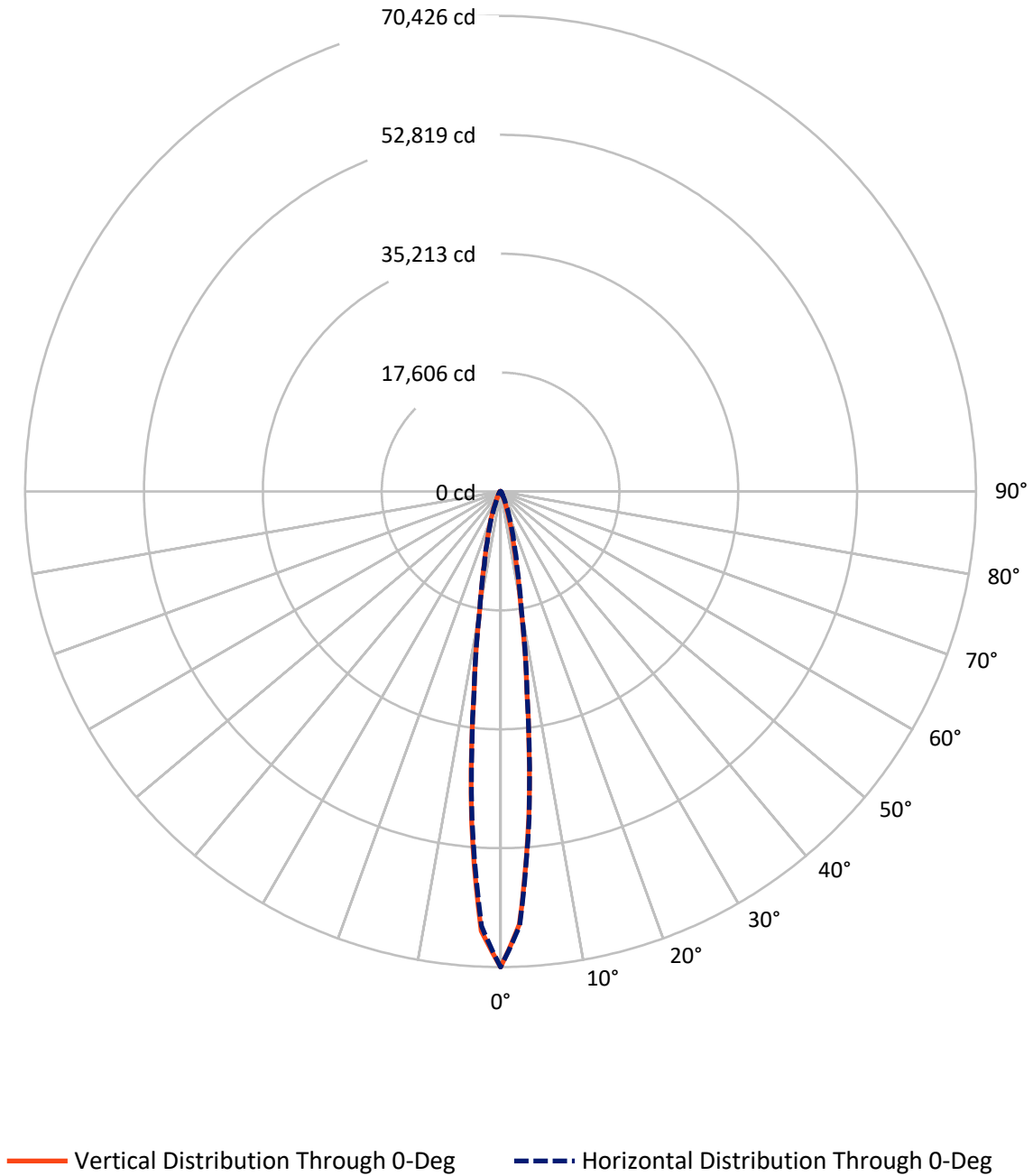
CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

Lumen Table

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|-------|-------|-------|-------|------|-----|-----|-----|-----|-----|-----|
| 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60 | | 0.0 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 | 0.0 | 0.0 | | |
| 50 | 0.0 | 0.0 | 0.2 | 0.6 | 1.1 | 1.7 | 2.3 | 2.8 | 2.8 | 2.3 | 1.7 | 1.1 | 0.6 | 0.2 | 0.0 | 0.0 | |
| 40 | | 0.1 | 0.5 | 1.2 | 2.1 | 3.3 | 5.7 | 7.2 | 7.2 | 5.7 | 3.3 | 2.1 | 1.2 | 0.5 | 0.1 | | |
| 30 | 0.1 | 0.2 | 0.8 | 1.8 | 3.3 | 7.1 | 18.9 | 31.3 | 31.3 | 18.9 | 7.1 | 3.3 | 1.8 | 0.8 | 0.2 | 0.1 | |
| 20 | | 0.3 | 1.1 | 2.5 | 5.4 | 21.1 | 89.1 | 195.8 | 195.8 | 89.1 | 21.1 | 5.4 | 2.5 | 1.1 | 0.3 | | |
| 10 | 0.1 | 0.4 | 1.3 | 2.9 | 7.3 | 39.7 | 213.4 | 957.1 | 957.1 | 213.4 | 39.7 | 7.3 | 2.9 | 1.3 | 0.4 | 0.1 | |
| 0 | | 0.4 | 1.4 | 3.1 | 7.8 | 42.3 | 220.9 | 973.3 | 973.3 | 220.9 | 42.3 | 7.8 | 3.1 | 1.4 | 0.4 | | |
| -10 | 0.1 | 0.5 | 1.4 | 3.0 | 6.9 | 26.9 | 107.2 | 229.4 | 229.4 | 107.2 | 26.9 | 6.9 | 3.0 | 1.4 | 0.5 | 0.1 | |
| -20 | | 0.4 | 1.4 | 2.8 | 5.3 | 12.6 | 33.0 | 55.1 | 55.1 | 33.0 | 12.6 | 5.3 | 2.8 | 1.4 | 0.4 | | |
| -30 | 0.1 | 0.4 | 1.2 | 2.4 | 4.2 | 6.9 | 11.2 | 14.3 | 14.3 | 11.2 | 6.9 | 4.2 | 2.4 | 1.2 | 0.4 | 0.1 | |
| -40 | | 0.3 | 1.0 | 2.0 | 3.4 | 4.8 | 6.5 | 7.2 | 7.2 | 6.5 | 4.8 | 3.4 | 2.0 | 1.0 | 0.3 | | |
| -50 | 0.1 | 0.2 | 0.8 | 1.6 | 2.6 | 3.7 | 4.7 | 5.1 | 5.1 | 4.7 | 3.7 | 2.6 | 1.6 | 0.8 | 0.2 | 0.1 | |
| -60 | | 0.2 | 0.5 | 1.0 | 1.8 | 2.6 | 3.3 | 3.6 | 3.6 | 3.3 | 2.6 | 1.8 | 1.0 | 0.5 | 0.2 | | |
| -70 | 0.0 | 0.4 | 1.7 | 3.8 | 4.9 | 3.8 | 1.7 | 0.4 | 0.0 | | | | | | | | |
| -80 | | 0.4 | 1.7 | 3.8 | 4.9 | 3.8 | 1.7 | 0.4 | | | | | | | | | |
| -90 | 0.0 | 0.4 | 1.7 | 3.8 | 4.9 | 3.8 | 1.7 | 0.4 | 0.0 | | | | | | | | |

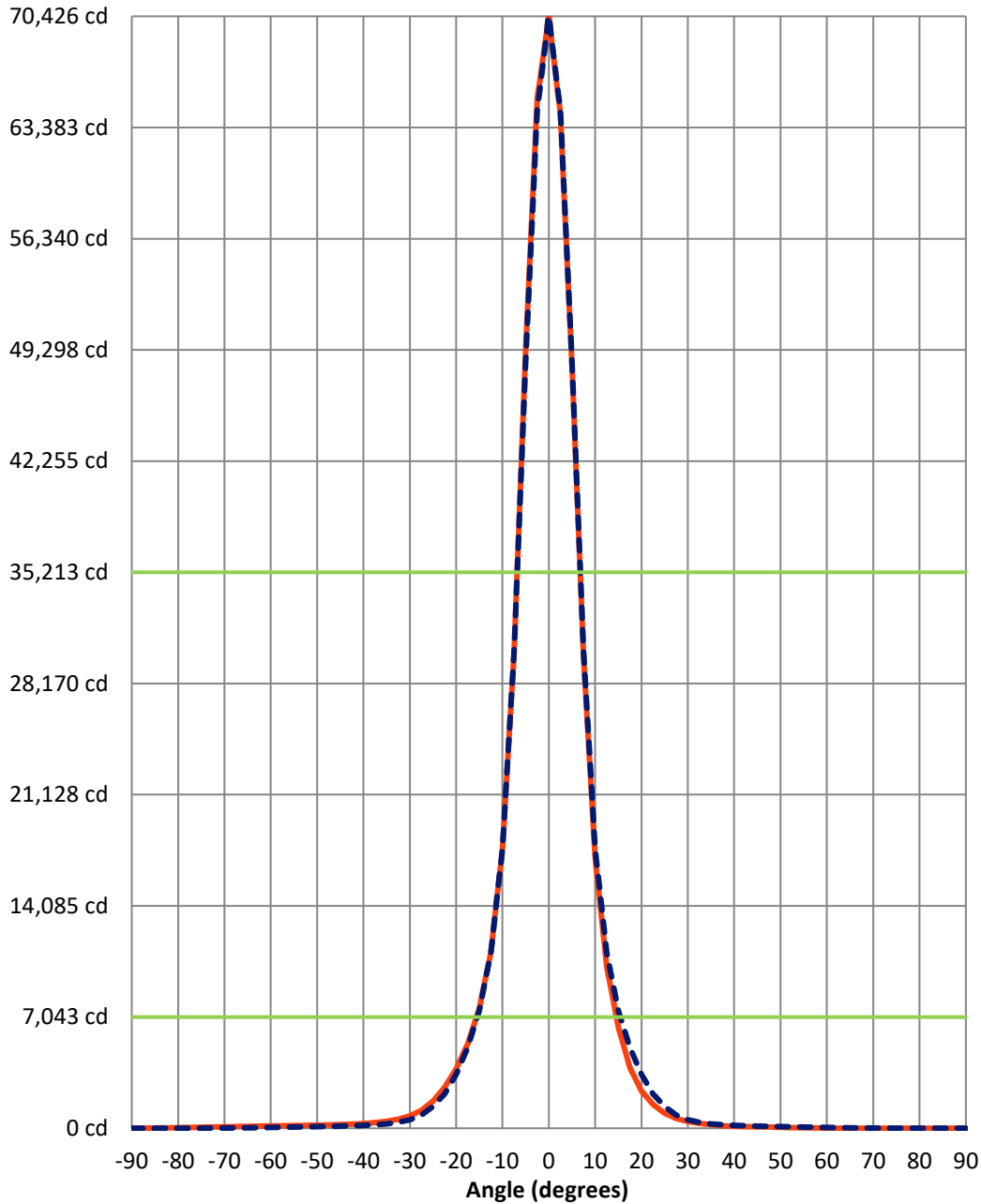
REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
H Angle: 13.6°
V Angle: 13.6°
Lumens: 2218
Efficiency: 31.9%

Field:
H Angle: 30.9°
V Angle: 30.2°
Lumens: 4940.2
Efficiency: 71.1%

Spill:
Lumens: 2007.4
Efficiency: 28.9%

— 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 |
| 72.5° | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.1 | 0.1 | 0.3 | 0.3 | 0.1 |
| 70° | 0.0 | 0.3 | 0.1 | 0.0 | 0.3 | 0.3 | 0.2 | 0.5 | 0.6 | 0.6 | 0.2 |
| 67.5° | 0.0 | 0.3 | 0.1 | 0.2 | 0.5 | 0.5 | 0.5 | 0.8 | 1.0 | 0.6 | 0.3 |
| 65° | 0.0 | 0.3 | 0.1 | 0.3 | 0.6 | 0.6 | 0.9 | 1.2 | 1.0 | 0.7 | 0.5 |
| 62.5° | 0.0 | 0.4 | 0.2 | 0.5 | 0.8 | 0.9 | 1.2 | 1.4 | 1.1 | 0.8 | 0.9 |
| 60° | 0.0 | 0.4 | 0.2 | 0.6 | 0.9 | 1.0 | 1.5 | 1.5 | 1.1 | 1.1 | 1.4 |
| 57.5° | 0.0 | 0.5 | 0.3 | 0.8 | 1.1 | 1.2 | 1.5 | 1.5 | 1.3 | 1.3 | 1.5 |
| 55° | 0.0 | 0.5 | 0.5 | 1.0 | 1.2 | 1.4 | 1.5 | 1.5 | 1.4 | 1.5 | 1.5 |
| 52.5° | 0.0 | 0.6 | 0.6 | 1.1 | 1.2 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 50° | 0.0 | 0.6 | 0.7 | 1.3 | 1.3 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.7 |
| 47.5° | 0.0 | 0.6 | 0.8 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 2.1 |
| 45° | 0.0 | 0.7 | 0.9 | 1.5 | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 1.9 | 2.5 |
| 42.5° | 0.0 | 0.7 | 1.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 2.3 | 3.3 |
| 40° | 0.0 | 0.8 | 1.0 | 1.5 | 1.5 | 1.5 | 1.5 | 1.7 | 1.9 | 2.8 | 4.3 |
| 37.5° | 0.0 | 0.8 | 1.1 | 1.5 | 1.5 | 1.5 | 1.5 | 1.8 | 2.4 | 3.5 | 5.3 |
| 35° | 0.0 | 0.9 | 1.2 | 1.5 | 1.5 | 1.5 | 1.5 | 2.0 | 3.0 | 4.4 | 6.5 |
| 32.5° | 0.0 | 0.9 | 1.2 | 1.5 | 1.5 | 1.5 | 1.5 | 2.2 | 3.6 | 5.3 | 8.0 |
| 30° | 0.0 | 1.0 | 1.3 | 1.5 | 1.5 | 1.5 | 1.7 | 2.5 | 4.2 | 6.2 | 9.6 |
| 27.5° | 0.0 | 1.0 | 1.3 | 1.5 | 1.5 | 1.5 | 1.9 | 3.0 | 4.8 | 7.0 | 11.4 |
| 25° | 0.0 | 1.1 | 1.4 | 1.5 | 1.5 | 1.5 | 2.0 | 3.5 | 5.5 | 8.3 | 13.4 |
| 22.5° | 0.0 | 1.1 | 1.4 | 1.5 | 1.5 | 1.5 | 2.2 | 3.9 | 6.2 | 9.8 | 15.6 |
| 20° | 0.0 | 1.2 | 1.4 | 1.5 | 1.5 | 1.6 | 2.4 | 4.4 | 6.8 | 11.3 | 17.7 |
| 17.5° | 0.0 | 1.2 | 1.5 | 1.5 | 1.5 | 1.8 | 2.7 | 4.9 | 7.4 | 12.8 | 19.7 |
| 15° | 0.0 | 1.3 | 1.5 | 1.5 | 1.5 | 1.9 | 3.0 | 5.4 | 8.0 | 14.3 | 21.4 |
| 12.5° | 0.0 | 1.3 | 1.5 | 1.5 | 1.5 | 2.1 | 3.3 | 5.8 | 8.7 | 15.8 | 22.9 |
| 10° | 0.0 | 1.3 | 1.5 | 1.5 | 1.5 | 2.3 | 3.6 | 6.2 | 9.7 | 17.2 | 24.3 |
| 7.5° | 0.0 | 1.4 | 1.5 | 1.5 | 1.5 | 2.5 | 3.8 | 6.6 | 10.6 | 18.4 | 25.5 |
| 5° | 0.0 | 1.4 | 1.5 | 1.5 | 1.5 | 2.6 | 4.1 | 6.9 | 11.6 | 19.4 | 26.6 |
| 2.5° | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 2.8 | 4.3 | 7.2 | 12.5 | 20.2 | 27.5 |
| 0° | 0.0 | 1.5 | 1.5 | 1.5 | 1.5 | 3.0 | 4.5 | 7.5 | 13.4 | 20.9 | 28.3 |
| -2.5° | 0.0 | 1.5 | 1.5 | 1.5 | 1.6 | 3.2 | 4.9 | 7.9 | 14.2 | 21.5 | 29.3 |
| -5° | 0.0 | 1.5 | 1.5 | 1.5 | 1.8 | 3.3 | 5.3 | 8.3 | 14.8 | 21.9 | 30.1 |
| -7.5° | 0.0 | 1.5 | 1.5 | 1.5 | 1.9 | 3.4 | 5.6 | 8.7 | 15.4 | 22.2 | 30.7 |
| -10° | 0.0 | 1.5 | 1.5 | 1.5 | 2.0 | 3.5 | 5.9 | 9.0 | 15.8 | 22.5 | 31.0 |
| -12.5° | 0.0 | 1.5 | 1.5 | 1.5 | 2.1 | 3.6 | 6.1 | 9.3 | 16.0 | 22.7 | 31.6 |
| -15° | 0.0 | 1.4 | 1.5 | 1.5 | 2.2 | 3.7 | 6.3 | 9.5 | 16.1 | 23.1 | 32.2 |
| -17.5° | 0.0 | 1.4 | 1.5 | 1.5 | 2.2 | 3.8 | 6.4 | 9.7 | 15.9 | 23.4 | 32.4 |
| -20° | 0.0 | 1.4 | 1.5 | 1.5 | 2.3 | 3.8 | 6.5 | 9.9 | 15.7 | 23.3 | 32.4 |

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

Scaled Data Report



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 0.0 | 1.4 | 1.5 | 1.5 | 2.3 | 3.9 | 6.6 | 10.1 | 15.3 | 23.1 | 32.0 |
| -25° | 0.0 | 1.4 | 1.5 | 1.5 | 2.3 | 4.0 | 6.6 | 10.1 | 14.9 | 22.5 | 31.3 |
| -27.5° | 0.0 | 1.3 | 1.5 | 1.5 | 2.3 | 4.1 | 6.6 | 10.1 | 14.3 | 21.7 | 30.6 |
| -30° | 0.0 | 1.3 | 1.5 | 1.5 | 2.2 | 4.1 | 6.6 | 10.0 | 14.0 | 20.9 | 29.6 |
| -32.5° | 0.0 | 1.3 | 1.5 | 1.5 | 2.2 | 4.2 | 6.5 | 9.9 | 13.8 | 20.0 | 28.2 |
| -35° | 0.0 | 1.2 | 1.5 | 1.5 | 2.2 | 4.2 | 6.5 | 9.7 | 13.5 | 19.0 | 26.3 |
| -37.5° | 0.0 | 1.2 | 1.5 | 1.5 | 2.1 | 4.1 | 6.5 | 9.5 | 13.1 | 17.8 | 25.3 |
| -40° | 0.0 | 1.1 | 1.5 | 1.5 | 2.0 | 4.0 | 6.4 | 9.3 | 12.6 | 17.0 | 24.4 |
| -42.5° | 0.0 | 1.1 | 1.5 | 1.5 | 2.0 | 3.9 | 6.3 | 9.0 | 12.2 | 16.7 | 23.3 |
| -45° | 0.0 | 1.1 | 1.5 | 1.6 | 2.1 | 3.8 | 6.1 | 8.7 | 11.9 | 16.2 | 22.0 |
| -47.5° | 0.0 | 1.0 | 1.5 | 1.6 | 2.1 | 3.6 | 5.8 | 8.5 | 11.4 | 15.5 | 21.2 |
| -50° | 0.0 | 1.0 | 1.5 | 1.6 | 2.1 | 3.3 | 5.5 | 8.1 | 11.0 | 14.9 | 20.1 |
| -52.5° | 0.0 | 0.9 | 1.5 | 1.6 | 2.1 | 3.1 | 5.2 | 7.7 | 10.5 | 14.0 | 18.8 |
| -55° | 0.0 | 0.9 | 1.5 | 1.6 | 2.1 | 3.0 | 4.8 | 7.2 | 9.9 | 13.0 | 17.4 |
| -57.5° | 0.0 | 0.8 | 1.5 | 1.6 | 2.1 | 2.9 | 4.3 | 6.6 | 9.2 | 12.0 | 15.8 |
| -60° | 0.0 | 0.7 | 1.5 | 1.6 | 2.0 | 2.8 | 3.9 | 6.0 | 8.4 | 11.1 | 14.1 |
| -62.5° | 0.0 | 0.7 | 1.4 | 1.6 | 2.0 | 2.7 | 3.7 | 5.3 | 7.5 | 10.0 | 12.8 |
| -65° | 0.0 | 0.6 | 1.3 | 1.6 | 1.9 | 2.5 | 3.5 | 4.7 | 6.6 | 8.9 | 11.5 |
| -67.5° | 0.0 | 0.6 | 1.1 | 1.5 | 1.8 | 2.4 | 3.2 | 4.3 | 5.6 | 7.7 | 10.0 |
| -70° | 0.0 | 0.5 | 1.0 | 1.5 | 1.7 | 2.2 | 2.9 | 3.8 | 5.0 | 6.4 | 8.5 |
| -72.5° | 0.0 | 0.5 | 0.9 | 1.3 | 1.6 | 2.0 | 2.6 | 3.4 | 4.4 | 5.6 | 7.0 |
| -75° | 0.0 | 0.4 | 0.8 | 1.2 | 1.5 | 1.8 | 2.3 | 3.0 | 3.7 | 4.7 | 5.9 |
| -77.5° | 0.0 | 0.3 | 0.6 | 1.0 | 1.3 | 1.6 | 1.9 | 2.6 | 3.2 | 3.9 | 4.7 |
| -80° | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.3 | 1.5 | 2.1 | 2.8 | 3.4 | 4.0 |
| -82.5° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.7 | 2.3 | 2.8 | 3.4 |
| -85° | 0.0 | 0.1 | 0.3 | 0.4 | 0.5 | 0.6 | 0.8 | 1.1 | 1.5 | 2.0 | 2.5 |
| -87.5° | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.6 | 0.8 | 1.0 | 1.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.1 | 0.4 | 0.5 | 0.3 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 |
| 65° | 0.7 | 1.0 | 0.7 | 0.4 | 0.0 | 0.4 | 0.5 | 0.4 | 0.0 | 0.0 | 0.0 |
| 62.5° | 1.4 | 1.2 | 0.8 | 0.6 | 0.8 | 1.1 | 0.9 | 0.5 | 0.1 | 0.7 | 1.0 |
| 60° | 1.5 | 1.3 | 1.1 | 1.2 | 1.5 | 1.3 | 1.0 | 1.5 | 2.2 | 2.8 | 3.3 |
| 57.5° | 1.5 | 1.4 | 1.4 | 1.6 | 1.7 | 1.7 | 2.6 | 3.5 | 5.0 | 6.2 | 7.0 |
| 55° | 1.5 | 1.5 | 1.7 | 2.0 | 2.5 | 3.6 | 4.9 | 6.9 | 8.5 | 10.9 | 13.0 |
| 52.5° | 1.7 | 1.7 | 2.3 | 3.1 | 4.5 | 6.2 | 8.5 | 11.3 | 14.5 | 16.9 | 19.4 |
| 50° | 1.9 | 2.5 | 3.2 | 5.1 | 7.1 | 9.7 | 13.5 | 17.6 | 20.3 | 23.0 | 26.7 |
| 47.5° | 2.7 | 3.4 | 5.3 | 7.5 | 10.4 | 14.5 | 19.7 | 22.7 | 25.3 | 29.6 | 34.1 |
| 45° | 3.6 | 5.1 | 7.4 | 10.5 | 14.4 | 20.2 | 24.3 | 26.7 | 31.4 | 36.3 | 41.4 |
| 42.5° | 4.6 | 7.0 | 10.1 | 13.4 | 19.7 | 25.2 | 28.9 | 32.7 | 37.4 | 43.1 | 48.7 |
| 40° | 6.2 | 8.9 | 13.2 | 18.3 | 24.7 | 30.0 | 34.7 | 39.1 | 43.6 | 51.1 | 57.1 |
| 37.5° | 7.9 | 11.8 | 16.6 | 23.0 | 29.6 | 35.4 | 40.7 | 46.2 | 52.7 | 61.1 | 66.5 |
| 35° | 9.4 | 14.8 | 20.7 | 27.5 | 34.5 | 41.1 | 47.3 | 53.8 | 62.3 | 70.3 | 76.6 |
| 32.5° | 11.7 | 17.9 | 24.5 | 31.8 | 39.0 | 46.5 | 54.1 | 61.9 | 70.2 | 78.4 | 86.7 |
| 30° | 14.5 | 21.1 | 28.1 | 36.0 | 43.2 | 51.9 | 60.7 | 68.9 | 77.3 | 85.9 | 95.3 |
| 27.5° | 17.4 | 24.2 | 31.7 | 39.7 | 47.3 | 57.1 | 66.7 | 75.2 | 83.8 | 93.1 | 103.9 |
| 25° | 20.0 | 27.2 | 35.2 | 43.0 | 51.9 | 62.5 | 72.9 | 82.8 | 90.1 | 100.6 | 113.3 |
| 22.5° | 22.6 | 30.3 | 38.8 | 45.9 | 56.4 | 67.9 | 80.0 | 90.7 | 99.3 | 108.7 | 123.0 |
| 20° | 25.1 | 33.4 | 42.1 | 50.1 | 60.9 | 73.3 | 87.7 | 98.6 | 109.3 | 121.5 | 136.1 |
| 17.5° | 27.5 | 36.3 | 45.4 | 55.0 | 66.3 | 79.1 | 95.5 | 106.7 | 119.4 | 134.0 | 152.4 |
| 15° | 29.7 | 38.9 | 48.8 | 59.5 | 71.2 | 85.0 | 100.8 | 114.7 | 130.0 | 146.8 | 168.5 |
| 12.5° | 31.8 | 41.4 | 52.0 | 63.6 | 75.5 | 90.1 | 105.2 | 120.1 | 137.6 | 159.6 | 187.0 |
| 10° | 33.8 | 43.6 | 55.2 | 67.4 | 79.3 | 94.4 | 109.2 | 124.6 | 143.1 | 167.3 | 198.6 |
| 7.5° | 35.4 | 45.8 | 58.2 | 70.9 | 82.5 | 97.9 | 112.5 | 128.3 | 147.7 | 173.6 | 206.4 |
| 5° | 36.8 | 48.2 | 61.0 | 73.1 | 85.2 | 100.9 | 115.4 | 131.3 | 151.3 | 178.5 | 212.0 |
| 2.5° | 37.9 | 50.3 | 63.5 | 74.8 | 87.5 | 103.7 | 117.6 | 134.5 | 155.1 | 182.4 | 217.2 |
| 0° | 38.8 | 52.2 | 65.6 | 76.0 | 89.4 | 105.8 | 119.3 | 137.1 | 158.0 | 184.8 | 222.1 |
| -2.5° | 40.6 | 53.7 | 66.9 | 77.4 | 91.5 | 106.2 | 120.3 | 137.5 | 159.1 | 186.8 | 223.0 |
| -5° | 42.1 | 55.0 | 67.8 | 78.5 | 93.0 | 106.1 | 120.8 | 137.2 | 159.5 | 187.9 | 224.6 |
| -7.5° | 43.3 | 55.9 | 68.4 | 79.4 | 93.9 | 106.6 | 121.4 | 138.3 | 160.7 | 188.9 | 226.7 |
| -10° | 44.0 | 56.6 | 68.9 | 80.4 | 94.1 | 107.1 | 121.7 | 138.5 | 160.5 | 188.2 | 225.6 |
| -12.5° | 44.4 | 57.0 | 69.1 | 81.0 | 94.0 | 107.1 | 121.4 | 137.9 | 158.8 | 185.9 | 221.0 |
| -15° | 44.5 | 57.2 | 69.1 | 81.1 | 93.8 | 106.5 | 120.4 | 136.3 | 155.9 | 181.9 | 213.8 |
| -17.5° | 44.4 | 57.1 | 68.8 | 80.6 | 93.4 | 105.2 | 119.0 | 134.2 | 152.9 | 177.2 | 207.9 |
| -20° | 44.0 | 56.8 | 68.3 | 79.5 | 92.9 | 104.1 | 117.5 | 132.2 | 149.8 | 171.8 | 199.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 43.4 | 56.2 | 67.5 | 78.4 | 91.3 | 103.0 | 115.5 | 129.6 | 145.3 | 165.3 | 189.6 |
| -25° | 42.7 | 55.2 | 66.6 | 77.6 | 89.4 | 101.4 | 113.1 | 126.4 | 140.9 | 160.1 | 182.0 |
| -27.5° | 41.7 | 53.9 | 65.3 | 76.4 | 87.4 | 99.2 | 110.6 | 123.3 | 137.6 | 154.5 | 174.1 |
| -30° | 40.4 | 52.1 | 63.4 | 74.8 | 85.7 | 96.8 | 107.8 | 119.8 | 133.3 | 149.3 | 167.4 |
| -32.5° | 38.6 | 50.1 | 61.2 | 72.4 | 83.7 | 94.3 | 104.6 | 116.2 | 128.9 | 142.9 | 160.1 |
| -35° | 36.8 | 47.9 | 58.7 | 69.4 | 81.4 | 91.6 | 101.5 | 112.1 | 123.9 | 136.9 | 150.9 |
| -37.5° | 35.2 | 45.6 | 56.1 | 66.2 | 77.5 | 88.2 | 97.8 | 107.9 | 118.8 | 130.7 | 143.5 |
| -40° | 33.4 | 43.1 | 53.3 | 63.2 | 73.1 | 84.0 | 93.6 | 103.3 | 113.4 | 125.4 | 136.7 |
| -42.5° | 31.5 | 40.9 | 50.5 | 60.1 | 69.6 | 79.3 | 88.9 | 98.2 | 108.9 | 120.2 | 131.4 |
| -45° | 30.0 | 38.7 | 47.6 | 56.9 | 66.3 | 75.1 | 84.1 | 92.8 | 103.6 | 114.9 | 125.8 |
| -47.5° | 28.2 | 36.4 | 45.0 | 53.5 | 62.7 | 71.4 | 79.6 | 88.4 | 97.6 | 108.2 | 119.6 |
| -50° | 26.3 | 34.1 | 42.0 | 50.1 | 58.7 | 67.5 | 75.8 | 83.9 | 92.6 | 101.3 | 111.2 |
| -52.5° | 24.7 | 31.6 | 38.9 | 46.2 | 54.4 | 63.0 | 71.4 | 79.5 | 87.5 | 95.7 | 104.1 |
| -55° | 22.9 | 29.1 | 35.6 | 42.4 | 49.6 | 57.9 | 66.1 | 74.1 | 82.2 | 90.0 | 98.2 |
| -57.5° | 20.8 | 26.4 | 32.3 | 38.7 | 45.2 | 52.0 | 60.0 | 67.9 | 75.6 | 83.4 | 91.9 |
| -60° | 18.4 | 23.4 | 28.8 | 34.7 | 41.0 | 47.2 | 53.8 | 61.1 | 68.4 | 75.8 | 83.7 |
| -62.5° | 15.9 | 20.3 | 25.1 | 30.3 | 36.1 | 42.2 | 48.2 | 54.4 | 61.0 | 67.5 | 74.2 |
| -65° | 14.3 | 17.4 | 21.5 | 26.1 | 30.8 | 36.3 | 41.9 | 47.7 | 53.5 | 59.0 | 64.2 |
| -67.5° | 12.5 | 15.3 | 18.3 | 21.8 | 26.1 | 30.7 | 35.2 | 40.3 | 45.6 | 50.6 | 55.4 |
| -70° | 10.7 | 13.2 | 15.8 | 18.7 | 21.8 | 25.5 | 29.7 | 33.9 | 37.9 | 42.1 | 46.6 |
| -72.5° | 8.8 | 10.9 | 13.2 | 15.7 | 18.3 | 21.3 | 24.5 | 28.0 | 31.6 | 35.1 | 38.6 |
| -75° | 7.2 | 8.6 | 10.5 | 12.6 | 14.9 | 17.2 | 19.6 | 22.3 | 25.4 | 28.4 | 31.4 |
| -77.5° | 6.0 | 7.3 | 8.5 | 9.8 | 11.4 | 13.5 | 15.6 | 17.7 | 19.8 | 22.1 | 24.6 |
| -80° | 4.9 | 5.9 | 7.0 | 8.2 | 9.3 | 10.6 | 12.0 | 13.7 | 15.2 | 16.7 | 18.4 |
| -82.5° | 4.0 | 4.8 | 5.7 | 6.6 | 7.2 | 7.9 | 8.6 | 9.6 | 10.6 | 11.6 | 12.7 |
| -85° | 3.1 | 3.7 | 4.3 | 4.9 | 5.2 | 5.5 | 5.9 | 6.3 | 6.9 | 7.6 | 8.2 |
| -87.5° | 1.6 | 1.9 | 2.2 | 2.6 | 2.7 | 2.9 | 3.0 | 3.2 | 3.6 | 4.0 | 4.5 |
| -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: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.4 | 0.3 | 0.1 | 0.0 | 0.0 |
| 62.5° | 0.9 | 0.7 | 1.2 | 1.6 | 1.7 | 1.7 | 1.5 | 1.4 | 1.2 | 1.1 | 1.2 |
| 60° | 3.6 | 3.5 | 4.9 | 5.6 | 5.1 | 3.6 | 5.6 | 6.6 | 6.4 | 5.5 | 5.5 |
| 57.5° | 8.8 | 10.6 | 12.0 | 12.6 | 14.6 | 17.8 | 18.4 | 17.3 | 17.0 | 17.3 | 20.0 |
| 55° | 15.2 | 16.7 | 17.5 | 20.2 | 22.6 | 24.3 | 25.3 | 26.4 | 27.9 | 29.8 | 31.7 |
| 52.5° | 21.5 | 23.5 | 25.1 | 27.5 | 30.4 | 31.4 | 31.1 | 34.8 | 37.7 | 39.5 | 40.3 |
| 50° | 29.5 | 32.0 | 35.7 | 39.5 | 41.2 | 42.8 | 44.5 | 47.5 | 51.9 | 57.4 | 60.6 |
| 47.5° | 38.1 | 42.1 | 46.1 | 50.4 | 52.6 | 54.3 | 56.8 | 62.1 | 68.4 | 74.3 | 77.4 |
| 45° | 45.8 | 49.5 | 54.0 | 57.7 | 60.4 | 63.7 | 67.4 | 72.2 | 79.2 | 85.3 | 89.6 |
| 42.5° | 52.1 | 56.2 | 60.8 | 65.3 | 68.1 | 72.5 | 78.1 | 84.6 | 91.9 | 98.3 | 103.1 |
| 40° | 60.8 | 64.3 | 71.6 | 75.9 | 77.0 | 81.1 | 92.3 | 101.1 | 109.4 | 117.4 | 121.3 |
| 37.5° | 71.4 | 78.2 | 85.8 | 89.7 | 93.5 | 100.8 | 115.7 | 130.0 | 140.7 | 151.4 | 157.2 |
| 35° | 83.4 | 92.3 | 102.7 | 107.3 | 115.5 | 131.5 | 149.0 | 168.9 | 193.7 | 204.1 | 213.5 |
| 32.5° | 95.0 | 105.0 | 114.6 | 124.9 | 139.3 | 158.4 | 178.2 | 210.4 | 240.6 | 263.9 | 281.0 |
| 30° | 105.4 | 116.0 | 127.8 | 141.1 | 161.4 | 187.7 | 220.7 | 262.5 | 305.0 | 342.1 | 373.4 |
| 27.5° | 115.6 | 127.7 | 141.7 | 161.6 | 190.1 | 225.9 | 278.5 | 338.1 | 409.1 | 461.3 | 523.8 |
| 25° | 126.8 | 140.6 | 158.7 | 187.5 | 226.0 | 279.4 | 363.5 | 460.3 | 576.7 | 671.0 | 769.7 |
| 22.5° | 140.1 | 160.5 | 183.4 | 215.5 | 282.8 | 370.7 | 485.7 | 651.1 | 830.1 | 995.5 | 1154.9 |
| 20° | 156.1 | 184.0 | 220.7 | 279.8 | 366.3 | 496.2 | 696.1 | 960.1 | 1223.3 | 1503.5 | 1773.3 |
| 17.5° | 179.0 | 219.1 | 276.1 | 360.3 | 474.2 | 731.4 | 1055.6 | 1463.9 | 1988.4 | 2463.8 | 2878.8 |
| 15° | 200.5 | 248.4 | 338.4 | 464.2 | 662.9 | 1003.8 | 1496.2 | 2170.1 | 2987.6 | 3732.6 | 4519.5 |
| 12.5° | 223.0 | 279.6 | 383.0 | 543.2 | 819.2 | 1263.0 | 1955.1 | 2878.4 | 3902.1 | 5024.9 | 6303.8 |
| 10° | 240.8 | 309.5 | 433.3 | 636.4 | 976.7 | 1529.3 | 2353.7 | 3473.5 | 4833.8 | 6495.5 | 8540.0 |
| 7.5° | 252.9 | 333.5 | 474.9 | 704.7 | 1121.7 | 1801.7 | 2794.1 | 4140.1 | 5840.7 | 8042.1 | 10902.9 |
| 5° | 262.3 | 351.9 | 506.2 | 767.0 | 1244.4 | 2009.7 | 3120.5 | 4723.9 | 6735.5 | 9685.0 | 14533.3 |
| 2.5° | 269.9 | 365.9 | 525.5 | 809.9 | 1321.4 | 2154.5 | 3339.4 | 5054.1 | 7268.1 | 10899.7 | 17189.8 |
| 0° | 275.8 | 378.6 | 538.1 | 836.3 | 1380.4 | 2168.9 | 3407.7 | 5114.5 | 7459.3 | 11118.9 | 17761.4 |
| -2.5° | 278.3 | 385.4 | 542.5 | 842.0 | 1374.5 | 2193.8 | 3428.5 | 5162.8 | 7452.2 | 10998.8 | 17122.9 |
| -5° | 282.5 | 385.3 | 539.2 | 836.1 | 1343.7 | 2129.5 | 3292.4 | 4892.7 | 7002.6 | 10052.9 | 15070.2 |
| -7.5° | 285.5 | 379.2 | 523.6 | 798.3 | 1263.0 | 1990.6 | 3053.1 | 4445.1 | 6184.3 | 8500.3 | 11607.8 |
| -10° | 282.7 | 367.4 | 497.6 | 734.7 | 1137.6 | 1767.7 | 2689.3 | 3854.2 | 5299.7 | 7016.1 | 9127.3 |
| -12.5° | 272.1 | 345.6 | 455.1 | 645.6 | 975.2 | 1518.1 | 2323.3 | 3315.1 | 4385.0 | 5590.4 | 7049.3 |
| -15° | 258.6 | 322.1 | 416.9 | 584.6 | 854.7 | 1270.6 | 1858.5 | 2663.1 | 3521.3 | 4436.5 | 5412.5 |
| -17.5° | 248.2 | 301.5 | 380.0 | 501.4 | 700.1 | 1030.7 | 1492.7 | 2064.3 | 2695.0 | 3391.8 | 3970.2 |
| -20° | 234.0 | 276.1 | 342.0 | 441.2 | 592.8 | 811.8 | 1148.3 | 1563.6 | 1979.7 | 2469.7 | 2869.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|
| -22.5° | 219.8 | 256.5 | 306.6 | 379.2 | 492.0 | 657.5 | 865.4 | 1142.7 | 1447.0 | 1728.2 | 2005.0 |
| -25° | 206.6 | 234.9 | 275.4 | 335.0 | 411.5 | 524.4 | 672.4 | 831.4 | 1032.0 | 1203.2 | 1393.2 |
| -27.5° | 195.9 | 220.2 | 250.1 | 293.8 | 353.1 | 425.8 | 531.7 | 638.4 | 743.8 | 830.2 | 961.0 |
| -30° | 185.7 | 205.2 | 230.2 | 261.3 | 305.8 | 361.8 | 430.6 | 499.7 | 560.6 | 616.2 | 684.2 |
| -32.5° | 175.5 | 191.4 | 210.6 | 236.4 | 268.4 | 310.5 | 352.7 | 402.3 | 444.6 | 483.6 | 519.8 |
| -35° | 165.4 | 179.5 | 194.1 | 215.9 | 241.4 | 271.3 | 302.0 | 335.6 | 364.9 | 391.2 | 414.4 |
| -37.5° | 156.2 | 168.6 | 182.4 | 198.6 | 219.1 | 241.7 | 266.7 | 291.1 | 310.5 | 327.6 | 341.7 |
| -40° | 148.5 | 159.8 | 171.5 | 184.5 | 200.2 | 217.9 | 239.2 | 259.5 | 273.1 | 283.5 | 292.1 |
| -42.5° | 141.6 | 151.5 | 161.5 | 172.6 | 184.5 | 199.9 | 216.8 | 233.5 | 242.7 | 250.8 | 257.0 |
| -45° | 136.1 | 143.7 | 152.1 | 161.5 | 172.1 | 185.0 | 198.2 | 209.9 | 218.0 | 225.0 | 230.1 |
| -47.5° | 128.7 | 136.1 | 143.4 | 151.1 | 161.0 | 171.7 | 182.7 | 191.6 | 198.8 | 204.8 | 208.8 |
| -50° | 120.6 | 128.4 | 135.1 | 141.9 | 151.0 | 160.1 | 168.9 | 176.3 | 183.1 | 189.1 | 192.2 |
| -52.5° | 112.3 | 120.6 | 127.6 | 134.3 | 141.9 | 149.9 | 157.8 | 164.1 | 170.1 | 175.7 | 178.0 |
| -55° | 106.3 | 113.9 | 121.2 | 127.5 | 133.8 | 140.1 | 146.6 | 153.1 | 159.0 | 164.3 | 165.9 |
| -57.5° | 99.8 | 107.6 | 114.8 | 120.4 | 126.1 | 131.8 | 137.8 | 143.7 | 149.3 | 154.4 | 155.7 |
| -60° | 91.9 | 100.4 | 106.7 | 112.0 | 117.5 | 123.2 | 128.4 | 133.6 | 138.9 | 143.4 | 144.8 |
| -62.5° | 81.7 | 89.5 | 95.8 | 101.4 | 106.7 | 111.6 | 116.7 | 121.6 | 126.4 | 129.9 | 131.0 |
| -65° | 69.7 | 76.3 | 82.7 | 88.6 | 93.9 | 98.6 | 103.3 | 107.8 | 112.1 | 115.2 | 116.7 |
| -67.5° | 60.2 | 64.9 | 70.1 | 75.2 | 80.5 | 85.3 | 89.5 | 93.5 | 97.2 | 99.8 | 101.4 |
| -70° | 51.0 | 55.5 | 60.4 | 65.2 | 69.8 | 73.8 | 77.1 | 80.3 | 83.5 | 85.8 | 87.5 |
| -72.5° | 42.2 | 46.0 | 50.1 | 54.4 | 58.6 | 62.2 | 65.2 | 68.1 | 70.8 | 72.8 | 74.4 |
| -75° | 34.3 | 37.4 | 40.9 | 44.3 | 47.7 | 50.5 | 53.1 | 55.6 | 58.0 | 59.8 | 61.2 |
| -77.5° | 27.2 | 29.8 | 32.5 | 35.2 | 37.9 | 40.0 | 41.9 | 43.7 | 45.5 | 46.9 | 48.2 |
| -80° | 20.2 | 22.2 | 24.4 | 26.5 | 28.7 | 30.3 | 31.7 | 33.0 | 34.3 | 35.1 | 35.8 |
| -82.5° | 13.8 | 15.2 | 16.7 | 18.3 | 19.8 | 20.9 | 22.0 | 23.1 | 24.2 | 24.6 | 24.9 |
| -85° | 8.8 | 9.5 | 10.3 | 11.1 | 12.0 | 12.6 | 13.2 | 13.8 | 14.4 | 14.9 | 15.4 |
| -87.5° | 4.9 | 5.1 | 5.2 | 5.3 | 5.4 | 5.9 | 6.3 | 6.8 | 7.2 | 7.3 | 7.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 65° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 |
| 62.5° | 1.3 | 1.4 | 1.5 | 1.5 | 1.5 | 1.4 | 1.3 | 1.2 | 1.1 | 1.2 | 1.4 |
| 60° | 5.1 | 4.6 | 4.5 | 4.5 | 4.5 | 4.6 | 5.1 | 5.5 | 5.5 | 6.4 | 6.6 |
| 57.5° | 22.7 | 25.2 | 25.9 | 25.3 | 25.9 | 25.2 | 22.7 | 20.0 | 17.3 | 17.0 | 17.3 |
| 55° | 33.0 | 33.8 | 34.2 | 34.3 | 34.2 | 33.8 | 33.0 | 31.7 | 29.8 | 27.9 | 26.4 |
| 52.5° | 40.4 | 40.2 | 40.1 | 40.2 | 40.1 | 40.2 | 40.4 | 40.3 | 39.5 | 37.7 | 34.8 |
| 50° | 60.8 | 59.7 | 59.2 | 59.6 | 59.2 | 59.7 | 60.8 | 60.6 | 57.4 | 51.9 | 47.5 |
| 47.5° | 77.8 | 78.1 | 78.6 | 79.0 | 78.6 | 78.1 | 77.8 | 77.4 | 74.3 | 68.4 | 62.1 |
| 45° | 90.8 | 91.6 | 92.1 | 92.4 | 92.1 | 91.6 | 90.8 | 89.6 | 85.3 | 79.2 | 72.2 |
| 42.5° | 104.1 | 104.2 | 104.0 | 104.3 | 104.0 | 104.2 | 104.1 | 103.1 | 98.3 | 91.9 | 84.6 |
| 40° | 122.9 | 123.3 | 122.9 | 122.2 | 122.9 | 123.3 | 122.9 | 121.3 | 117.4 | 109.4 | 101.1 |
| 37.5° | 160.6 | 161.2 | 159.4 | 158.0 | 159.4 | 161.2 | 160.6 | 157.2 | 151.4 | 140.7 | 130.0 |
| 35° | 222.2 | 228.5 | 231.5 | 232.5 | 231.5 | 228.5 | 222.2 | 213.5 | 204.1 | 193.7 | 168.9 |
| 32.5° | 292.8 | 301.7 | 306.1 | 310.1 | 306.1 | 301.7 | 292.8 | 281.0 | 263.9 | 240.6 | 210.4 |
| 30° | 394.0 | 410.4 | 417.6 | 427.8 | 417.6 | 410.4 | 394.0 | 373.4 | 342.1 | 305.0 | 262.5 |
| 27.5° | 559.2 | 588.0 | 603.9 | 618.6 | 603.9 | 588.0 | 559.2 | 523.8 | 461.3 | 409.1 | 338.1 |
| 25° | 841.5 | 896.8 | 932.7 | 949.6 | 932.7 | 896.8 | 841.5 | 769.7 | 671.0 | 576.7 | 460.3 |
| 22.5° | 1309.0 | 1411.1 | 1489.8 | 1505.6 | 1489.8 | 1411.1 | 1309.0 | 1154.9 | 995.5 | 830.1 | 651.1 |
| 20° | 2035.0 | 2181.1 | 2299.9 | 2359.7 | 2299.9 | 2181.1 | 2035.0 | 1773.3 | 1503.5 | 1223.3 | 960.1 |
| 17.5° | 3373.2 | 3677.0 | 3815.7 | 3838.5 | 3815.7 | 3677.0 | 3373.2 | 2878.8 | 2463.8 | 1988.4 | 1463.9 |
| 15° | 5363.9 | 5877.9 | 6204.2 | 6414.4 | 6204.2 | 5877.9 | 5363.9 | 4519.5 | 3732.6 | 2987.6 | 2170.1 |
| 12.5° | 7635.2 | 9095.9 | 9927.0 | 10243.9 | 9927.0 | 9095.9 | 7635.2 | 6303.8 | 5024.9 | 3902.1 | 2878.4 |
| 10° | 10717.9 | 14156.6 | 16140.2 | 17138.3 | 16140.2 | 14156.6 | 10717.9 | 8540.0 | 6495.5 | 4833.8 | 3473.5 |
| 7.5° | 15950.0 | 21261.1 | 27145.5 | 29867.9 | 27145.5 | 21261.1 | 15950.0 | 10902.9 | 8042.1 | 5840.7 | 4140.1 |
| 5° | 21450.3 | 33111.2 | 43346.1 | 48247.2 | 43346.1 | 33111.2 | 21450.3 | 14533.3 | 9685.0 | 6735.5 | 4723.9 |
| 2.5° | 27771.8 | 43497.7 | 58037.6 | 64151.2 | 58037.6 | 43497.7 | 27771.8 | 17189.8 | 10899.7 | 7268.1 | 5054.1 |
| 0° | 30204.8 | 48523.0 | 64424.7 | 70425.5 | 64424.7 | 48523.0 | 30204.8 | 17761.4 | 11118.9 | 7459.3 | 5114.5 |
| -2.5° | 28147.9 | 44259.6 | 58287.4 | 65144.0 | 58287.4 | 44259.6 | 28147.9 | 17122.9 | 10998.8 | 7452.2 | 5162.8 |
| -5° | 22365.0 | 33293.6 | 43682.6 | 49269.8 | 43682.6 | 33293.6 | 22365.0 | 15070.2 | 10052.9 | 7002.6 | 4892.7 |
| -7.5° | 16414.5 | 22364.0 | 28133.6 | 30151.2 | 28133.6 | 22364.0 | 16414.5 | 11607.8 | 8500.3 | 6184.3 | 4445.1 |
| -10° | 11428.1 | 14835.0 | 17083.9 | 17725.6 | 17083.9 | 14835.0 | 11428.1 | 9127.3 | 7016.1 | 5299.7 | 3854.2 |
| -12.5° | 8472.8 | 9963.0 | 10999.8 | 11180.1 | 10999.8 | 9963.0 | 8472.8 | 7049.3 | 5590.4 | 4385.0 | 3315.1 |
| -15° | 6273.9 | 7031.7 | 7566.5 | 7602.4 | 7566.5 | 7031.7 | 6273.9 | 5412.5 | 4436.5 | 3521.3 | 2663.1 |
| -17.5° | 4586.2 | 5094.9 | 5364.8 | 5345.6 | 5364.8 | 5094.9 | 4586.2 | 3970.2 | 3391.8 | 2695.0 | 2064.3 |
| -20° | 3279.4 | 3586.0 | 3803.5 | 3761.0 | 3803.5 | 3586.0 | 3279.4 | 2869.2 | 2469.7 | 1979.7 | 1563.6 |



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2286.6 | 2490.2 | 2617.6 | 2584.8 | 2617.6 | 2490.2 | 2286.6 | 2005.0 | 1728.2 | 1447.0 | 1142.7 |
| -25° | 1553.7 | 1664.6 | 1727.7 | 1717.3 | 1727.7 | 1664.6 | 1553.7 | 1393.2 | 1203.2 | 1032.0 | 831.4 |
| -27.5° | 1058.8 | 1117.4 | 1136.9 | 1135.9 | 1136.9 | 1117.4 | 1058.8 | 961.0 | 830.2 | 743.8 | 638.4 |
| -30° | 734.9 | 774.3 | 796.8 | 782.6 | 796.8 | 774.3 | 734.9 | 684.2 | 616.2 | 560.6 | 499.7 |
| -32.5° | 547.7 | 569.9 | 582.8 | 569.4 | 582.8 | 569.9 | 547.7 | 519.8 | 483.6 | 444.6 | 402.3 |
| -35° | 431.6 | 442.9 | 447.4 | 439.7 | 447.4 | 442.9 | 431.6 | 414.4 | 391.2 | 364.9 | 335.6 |
| -37.5° | 351.9 | 358.5 | 360.7 | 356.3 | 360.7 | 358.5 | 351.9 | 341.7 | 327.6 | 310.5 | 291.1 |
| -40° | 298.2 | 302.2 | 303.2 | 299.6 | 303.2 | 302.2 | 298.2 | 292.1 | 283.5 | 273.1 | 259.5 |
| -42.5° | 260.9 | 263.3 | 263.9 | 262.4 | 263.9 | 263.3 | 260.9 | 257.0 | 250.8 | 242.7 | 233.5 |
| -45° | 233.2 | 235.2 | 235.6 | 234.0 | 235.6 | 235.2 | 233.2 | 230.1 | 225.0 | 218.0 | 209.9 |
| -47.5° | 210.8 | 212.0 | 212.4 | 211.7 | 212.4 | 212.0 | 210.8 | 208.8 | 204.8 | 198.8 | 191.6 |
| -50° | 193.6 | 194.4 | 194.5 | 193.8 | 194.5 | 194.4 | 193.6 | 192.2 | 189.1 | 183.1 | 176.3 |
| -52.5° | 179.2 | 179.8 | 180.2 | 180.4 | 180.2 | 179.8 | 179.2 | 178.0 | 175.7 | 170.1 | 164.1 |
| -55° | 167.0 | 167.8 | 168.2 | 168.4 | 168.2 | 167.8 | 167.0 | 165.9 | 164.3 | 159.0 | 153.1 |
| -57.5° | 156.7 | 157.4 | 157.9 | 158.0 | 157.9 | 157.4 | 156.7 | 155.7 | 154.4 | 149.3 | 143.7 |
| -60° | 146.0 | 146.9 | 147.4 | 147.6 | 147.4 | 146.9 | 146.0 | 144.8 | 143.4 | 138.9 | 133.6 |
| -62.5° | 131.8 | 132.2 | 132.5 | 132.7 | 132.5 | 132.2 | 131.8 | 131.0 | 129.9 | 126.4 | 121.6 |
| -65° | 117.9 | 118.7 | 119.2 | 119.3 | 119.2 | 118.7 | 117.9 | 116.7 | 115.2 | 112.1 | 107.8 |
| -67.5° | 102.7 | 103.8 | 104.9 | 105.8 | 104.9 | 103.8 | 102.7 | 101.4 | 99.8 | 97.2 | 93.5 |
| -70° | 89.1 | 90.4 | 90.8 | 90.9 | 90.8 | 90.4 | 89.1 | 87.5 | 85.8 | 83.5 | 80.3 |
| -72.5° | 75.8 | 77.1 | 78.1 | 79.0 | 78.1 | 77.1 | 75.8 | 74.4 | 72.8 | 70.8 | 68.1 |
| -75° | 62.6 | 63.7 | 64.0 | 64.1 | 64.0 | 63.7 | 62.6 | 61.2 | 59.8 | 58.0 | 55.6 |
| -77.5° | 49.3 | 50.4 | 50.6 | 50.7 | 50.6 | 50.4 | 49.3 | 48.2 | 46.9 | 45.5 | 43.7 |
| -80° | 36.5 | 37.1 | 38.0 | 38.8 | 38.0 | 37.1 | 36.5 | 35.8 | 35.1 | 34.3 | 33.0 |
| -82.5° | 25.1 | 25.2 | 25.3 | 25.3 | 25.3 | 25.2 | 25.1 | 24.9 | 24.6 | 24.2 | 23.1 |
| -85° | 15.9 | 16.3 | 16.4 | 16.4 | 16.4 | 16.3 | 15.9 | 15.4 | 14.9 | 14.4 | 13.8 |
| -87.5° | 7.4 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.4 | 7.4 | 7.3 | 7.2 | 6.8 |
| -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: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| 65° | 0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.4 |
| 62.5° | 1.5 | 1.7 | 1.7 | 1.6 | 1.2 | 0.7 | 0.9 | 1.0 | 0.7 | 0.1 | 0.5 |
| 60° | 5.6 | 3.6 | 5.1 | 5.6 | 4.9 | 3.5 | 3.6 | 3.3 | 2.8 | 2.2 | 1.5 |
| 57.5° | 18.4 | 17.8 | 14.6 | 12.6 | 12.0 | 10.6 | 8.8 | 7.0 | 6.2 | 5.0 | 3.5 |
| 55° | 25.3 | 24.3 | 22.6 | 20.2 | 17.5 | 16.7 | 15.2 | 13.0 | 10.9 | 8.5 | 6.9 |
| 52.5° | 31.1 | 31.4 | 30.4 | 27.5 | 25.1 | 23.5 | 21.5 | 19.4 | 16.9 | 14.5 | 11.3 |
| 50° | 44.5 | 42.8 | 41.2 | 39.5 | 35.7 | 32.0 | 29.5 | 26.7 | 23.0 | 20.3 | 17.6 |
| 47.5° | 56.8 | 54.3 | 52.6 | 50.4 | 46.1 | 42.1 | 38.1 | 34.1 | 29.6 | 25.3 | 22.7 |
| 45° | 67.4 | 63.7 | 60.4 | 57.7 | 54.0 | 49.5 | 45.8 | 41.4 | 36.3 | 31.4 | 26.7 |
| 42.5° | 78.1 | 72.5 | 68.1 | 65.3 | 60.8 | 56.2 | 52.1 | 48.7 | 43.1 | 37.4 | 32.7 |
| 40° | 92.3 | 81.1 | 77.0 | 75.9 | 71.6 | 64.3 | 60.8 | 57.1 | 51.1 | 43.6 | 39.1 |
| 37.5° | 115.7 | 100.8 | 93.5 | 89.7 | 85.8 | 78.2 | 71.4 | 66.5 | 61.1 | 52.7 | 46.2 |
| 35° | 149.0 | 131.5 | 115.5 | 107.3 | 102.7 | 92.3 | 83.4 | 76.6 | 70.3 | 62.3 | 53.8 |
| 32.5° | 178.2 | 158.4 | 139.3 | 124.9 | 114.6 | 105.0 | 95.0 | 86.7 | 78.4 | 70.2 | 61.9 |
| 30° | 220.7 | 187.7 | 161.4 | 141.1 | 127.8 | 116.0 | 105.4 | 95.3 | 85.9 | 77.3 | 68.9 |
| 27.5° | 278.5 | 225.9 | 190.1 | 161.6 | 141.7 | 127.7 | 115.6 | 103.9 | 93.1 | 83.8 | 75.2 |
| 25° | 363.5 | 279.4 | 226.0 | 187.5 | 158.7 | 140.6 | 126.8 | 113.3 | 100.6 | 90.1 | 82.8 |
| 22.5° | 485.7 | 370.7 | 282.8 | 215.5 | 183.4 | 160.5 | 140.1 | 123.0 | 108.7 | 99.3 | 90.7 |
| 20° | 696.1 | 496.2 | 366.3 | 279.8 | 220.7 | 184.0 | 156.1 | 136.1 | 121.5 | 109.3 | 98.6 |
| 17.5° | 1055.6 | 731.4 | 474.2 | 360.3 | 276.1 | 219.1 | 179.0 | 152.4 | 134.0 | 119.4 | 106.7 |
| 15° | 1496.2 | 1003.8 | 662.9 | 464.2 | 338.4 | 248.4 | 200.5 | 168.5 | 146.8 | 130.0 | 114.7 |
| 12.5° | 1955.1 | 1263.0 | 819.2 | 543.2 | 383.0 | 279.6 | 223.0 | 187.0 | 159.6 | 137.6 | 120.1 |
| 10° | 2353.7 | 1529.3 | 976.7 | 636.4 | 433.3 | 309.5 | 240.8 | 198.6 | 167.3 | 143.1 | 124.6 |
| 7.5° | 2794.1 | 1801.7 | 1121.7 | 704.7 | 474.9 | 333.5 | 252.9 | 206.4 | 173.6 | 147.7 | 128.3 |
| 5° | 3120.5 | 2009.7 | 1244.4 | 767.0 | 506.2 | 351.9 | 262.3 | 212.0 | 178.5 | 151.3 | 131.3 |
| 2.5° | 3339.4 | 2154.5 | 1321.4 | 809.9 | 525.5 | 365.9 | 269.9 | 217.2 | 182.4 | 155.1 | 134.5 |
| 0° | 3407.7 | 2168.9 | 1380.4 | 836.3 | 538.1 | 378.6 | 275.8 | 222.1 | 184.8 | 158.0 | 137.1 |
| -2.5° | 3428.5 | 2193.8 | 1374.5 | 842.0 | 542.5 | 385.4 | 278.3 | 223.0 | 186.8 | 159.1 | 137.5 |
| -5° | 3292.4 | 2129.5 | 1343.7 | 836.1 | 539.2 | 385.3 | 282.5 | 224.6 | 187.9 | 159.5 | 137.2 |
| -7.5° | 3053.1 | 1990.6 | 1263.0 | 798.3 | 523.6 | 379.2 | 285.5 | 226.7 | 188.9 | 160.7 | 138.3 |
| -10° | 2689.3 | 1767.7 | 1137.6 | 734.7 | 497.6 | 367.4 | 282.7 | 225.6 | 188.2 | 160.5 | 138.5 |
| -12.5° | 2323.3 | 1518.1 | 975.2 | 645.6 | 455.1 | 345.6 | 272.1 | 221.0 | 185.9 | 158.8 | 137.9 |
| -15° | 1858.5 | 1270.6 | 854.7 | 584.6 | 416.9 | 322.1 | 258.6 | 213.8 | 181.9 | 155.9 | 136.3 |
| -17.5° | 1492.7 | 1030.7 | 700.1 | 501.4 | 380.0 | 301.5 | 248.2 | 207.9 | 177.2 | 152.9 | 134.2 |
| -20° | 1148.3 | 811.8 | 592.8 | 441.2 | 342.0 | 276.1 | 234.0 | 199.2 | 171.8 | 149.8 | 132.2 |

Classified

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

Scaled Data Report



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 865.4 | 657.5 | 492.0 | 379.2 | 306.6 | 256.5 | 219.8 | 189.6 | 165.3 | 145.3 | 129.6 |
| -25° | 672.4 | 524.4 | 411.5 | 335.0 | 275.4 | 234.9 | 206.6 | 182.0 | 160.1 | 140.9 | 126.4 |
| -27.5° | 531.7 | 425.8 | 353.1 | 293.8 | 250.1 | 220.2 | 195.9 | 174.1 | 154.5 | 137.6 | 123.3 |
| -30° | 430.6 | 361.8 | 305.8 | 261.3 | 230.2 | 205.2 | 185.7 | 167.4 | 149.3 | 133.3 | 119.8 |
| -32.5° | 352.7 | 310.5 | 268.4 | 236.4 | 210.6 | 191.4 | 175.5 | 160.1 | 142.9 | 128.9 | 116.2 |
| -35° | 302.0 | 271.3 | 241.4 | 215.9 | 194.1 | 179.5 | 165.4 | 150.9 | 136.9 | 123.9 | 112.1 |
| -37.5° | 266.7 | 241.7 | 219.1 | 198.6 | 182.4 | 168.6 | 156.2 | 143.5 | 130.7 | 118.8 | 107.9 |
| -40° | 239.2 | 217.9 | 200.2 | 184.5 | 171.5 | 159.8 | 148.5 | 136.7 | 125.4 | 113.4 | 103.3 |
| -42.5° | 216.8 | 199.9 | 184.5 | 172.6 | 161.5 | 151.5 | 141.6 | 131.4 | 120.2 | 108.9 | 98.2 |
| -45° | 198.2 | 185.0 | 172.1 | 161.5 | 152.1 | 143.7 | 136.1 | 125.8 | 114.9 | 103.6 | 92.8 |
| -47.5° | 182.7 | 171.7 | 161.0 | 151.1 | 143.4 | 136.1 | 128.7 | 119.6 | 108.2 | 97.6 | 88.4 |
| -50° | 168.9 | 160.1 | 151.0 | 141.9 | 135.1 | 128.4 | 120.6 | 111.2 | 101.3 | 92.6 | 83.9 |
| -52.5° | 157.8 | 149.9 | 141.9 | 134.3 | 127.6 | 120.6 | 112.3 | 104.1 | 95.7 | 87.5 | 79.5 |
| -55° | 146.6 | 140.1 | 133.8 | 127.5 | 121.2 | 113.9 | 106.3 | 98.2 | 90.0 | 82.2 | 74.1 |
| -57.5° | 137.8 | 131.8 | 126.1 | 120.4 | 114.8 | 107.6 | 99.8 | 91.9 | 83.4 | 75.6 | 67.9 |
| -60° | 128.4 | 123.2 | 117.5 | 112.0 | 106.7 | 100.4 | 91.9 | 83.7 | 75.8 | 68.4 | 61.1 |
| -62.5° | 116.7 | 111.6 | 106.7 | 101.4 | 95.8 | 89.5 | 81.7 | 74.2 | 67.5 | 61.0 | 54.4 |
| -65° | 103.3 | 98.6 | 93.9 | 88.6 | 82.7 | 76.3 | 69.7 | 64.2 | 59.0 | 53.5 | 47.7 |
| -67.5° | 89.5 | 85.3 | 80.5 | 75.2 | 70.1 | 64.9 | 60.2 | 55.4 | 50.6 | 45.6 | 40.3 |
| -70° | 77.1 | 73.8 | 69.8 | 65.2 | 60.4 | 55.5 | 51.0 | 46.6 | 42.1 | 37.9 | 33.9 |
| -72.5° | 65.2 | 62.2 | 58.6 | 54.4 | 50.1 | 46.0 | 42.2 | 38.6 | 35.1 | 31.6 | 28.0 |
| -75° | 53.1 | 50.5 | 47.7 | 44.3 | 40.9 | 37.4 | 34.3 | 31.4 | 28.4 | 25.4 | 22.3 |
| -77.5° | 41.9 | 40.0 | 37.9 | 35.2 | 32.5 | 29.8 | 27.2 | 24.6 | 22.1 | 19.8 | 17.7 |
| -80° | 31.7 | 30.3 | 28.7 | 26.5 | 24.4 | 22.2 | 20.2 | 18.4 | 16.7 | 15.2 | 13.7 |
| -82.5° | 22.0 | 20.9 | 19.8 | 18.3 | 16.7 | 15.2 | 13.8 | 12.7 | 11.6 | 10.6 | 9.6 |
| -85° | 13.2 | 12.6 | 12.0 | 11.1 | 10.3 | 9.5 | 8.8 | 8.2 | 7.6 | 6.9 | 6.3 |
| -87.5° | 6.3 | 5.9 | 5.4 | 5.3 | 5.2 | 5.1 | 4.9 | 4.5 | 4.0 | 3.6 | 3.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 |
| 72.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.1 |
| 70° | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 0.2 | 0.6 | 0.6 | 0.5 |
| 67.5° | 0.0 | 0.0 | 0.0 | 0.3 | 0.5 | 0.4 | 0.1 | 0.3 | 0.6 | 1.0 | 0.8 |
| 65° | 0.5 | 0.4 | 0.0 | 0.4 | 0.7 | 1.0 | 0.7 | 0.5 | 0.7 | 1.0 | 1.2 |
| 62.5° | 0.9 | 1.1 | 0.8 | 0.6 | 0.8 | 1.2 | 1.4 | 0.9 | 0.8 | 1.1 | 1.4 |
| 60° | 1.0 | 1.3 | 1.5 | 1.2 | 1.1 | 1.3 | 1.5 | 1.4 | 1.1 | 1.1 | 1.5 |
| 57.5° | 2.6 | 1.7 | 1.7 | 1.6 | 1.4 | 1.4 | 1.5 | 1.5 | 1.3 | 1.3 | 1.5 |
| 55° | 4.9 | 3.6 | 2.5 | 2.0 | 1.7 | 1.5 | 1.5 | 1.5 | 1.5 | 1.4 | 1.5 |
| 52.5° | 8.5 | 6.2 | 4.5 | 3.1 | 2.3 | 1.7 | 1.7 | 1.5 | 1.5 | 1.5 | 1.5 |
| 50° | 13.5 | 9.7 | 7.1 | 5.1 | 3.2 | 2.5 | 1.9 | 1.7 | 1.5 | 1.5 | 1.5 |
| 47.5° | 19.7 | 14.5 | 10.4 | 7.5 | 5.3 | 3.4 | 2.7 | 2.1 | 1.5 | 1.5 | 1.5 |
| 45° | 24.3 | 20.2 | 14.4 | 10.5 | 7.4 | 5.1 | 3.6 | 2.5 | 1.9 | 1.6 | 1.5 |
| 42.5° | 28.9 | 25.2 | 19.7 | 13.4 | 10.1 | 7.0 | 4.6 | 3.3 | 2.3 | 1.6 | 1.6 |
| 40° | 34.7 | 30.0 | 24.7 | 18.3 | 13.2 | 8.9 | 6.2 | 4.3 | 2.8 | 1.9 | 1.7 |
| 37.5° | 40.7 | 35.4 | 29.6 | 23.0 | 16.6 | 11.8 | 7.9 | 5.3 | 3.5 | 2.4 | 1.8 |
| 35° | 47.3 | 41.1 | 34.5 | 27.5 | 20.7 | 14.8 | 9.4 | 6.5 | 4.4 | 3.0 | 2.0 |
| 32.5° | 54.1 | 46.5 | 39.0 | 31.8 | 24.5 | 17.9 | 11.7 | 8.0 | 5.3 | 3.6 | 2.2 |
| 30° | 60.7 | 51.9 | 43.2 | 36.0 | 28.1 | 21.1 | 14.5 | 9.6 | 6.2 | 4.2 | 2.5 |
| 27.5° | 66.7 | 57.1 | 47.3 | 39.7 | 31.7 | 24.2 | 17.4 | 11.4 | 7.0 | 4.8 | 3.0 |
| 25° | 72.9 | 62.5 | 51.9 | 43.0 | 35.2 | 27.2 | 20.0 | 13.4 | 8.3 | 5.5 | 3.5 |
| 22.5° | 80.0 | 67.9 | 56.4 | 45.9 | 38.8 | 30.3 | 22.6 | 15.6 | 9.8 | 6.2 | 3.9 |
| 20° | 87.7 | 73.3 | 60.9 | 50.1 | 42.1 | 33.4 | 25.1 | 17.7 | 11.3 | 6.8 | 4.4 |
| 17.5° | 95.5 | 79.1 | 66.3 | 55.0 | 45.4 | 36.3 | 27.5 | 19.7 | 12.8 | 7.4 | 4.9 |
| 15° | 100.8 | 85.0 | 71.2 | 59.5 | 48.8 | 38.9 | 29.7 | 21.4 | 14.3 | 8.0 | 5.4 |
| 12.5° | 105.2 | 90.1 | 75.5 | 63.6 | 52.0 | 41.4 | 31.8 | 22.9 | 15.8 | 8.7 | 5.8 |
| 10° | 109.2 | 94.4 | 79.3 | 67.4 | 55.2 | 43.6 | 33.8 | 24.3 | 17.2 | 9.7 | 6.2 |
| 7.5° | 112.5 | 97.9 | 82.5 | 70.9 | 58.2 | 45.8 | 35.4 | 25.5 | 18.4 | 10.6 | 6.6 |
| 5° | 115.4 | 100.9 | 85.2 | 73.1 | 61.0 | 48.2 | 36.8 | 26.6 | 19.4 | 11.6 | 6.9 |
| 2.5° | 117.6 | 103.7 | 87.5 | 74.8 | 63.5 | 50.3 | 37.9 | 27.5 | 20.2 | 12.5 | 7.2 |
| 0° | 119.3 | 105.8 | 89.4 | 76.0 | 65.6 | 52.2 | 38.8 | 28.3 | 20.9 | 13.4 | 7.5 |
| -2.5° | 120.3 | 106.2 | 91.5 | 77.4 | 66.9 | 53.7 | 40.6 | 29.3 | 21.5 | 14.2 | 7.9 |
| -5° | 120.8 | 106.1 | 93.0 | 78.5 | 67.8 | 55.0 | 42.1 | 30.1 | 21.9 | 14.8 | 8.3 |
| -7.5° | 121.4 | 106.6 | 93.9 | 79.4 | 68.4 | 55.9 | 43.3 | 30.7 | 22.2 | 15.4 | 8.7 |
| -10° | 121.7 | 107.1 | 94.1 | 80.4 | 68.9 | 56.6 | 44.0 | 31.0 | 22.5 | 15.8 | 9.0 |
| -12.5° | 121.4 | 107.1 | 94.0 | 81.0 | 69.1 | 57.0 | 44.4 | 31.6 | 22.7 | 16.0 | 9.3 |
| -15° | 120.4 | 106.5 | 93.8 | 81.1 | 69.1 | 57.2 | 44.5 | 32.2 | 23.1 | 16.1 | 9.5 |
| -17.5° | 119.0 | 105.2 | 93.4 | 80.6 | 68.8 | 57.1 | 44.4 | 32.4 | 23.4 | 15.9 | 9.7 |
| -20° | 117.5 | 104.1 | 92.9 | 79.5 | 68.3 | 56.8 | 44.0 | 32.4 | 23.3 | 15.7 | 9.9 |

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

Scaled Data Report



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|------|-------|------|-------|------|-------|------|-------|
| -22.5° | 115.5 | 103.0 | 91.3 | 78.4 | 67.5 | 56.2 | 43.4 | 32.0 | 23.1 | 15.3 | 10.1 |
| -25° | 113.1 | 101.4 | 89.4 | 77.6 | 66.6 | 55.2 | 42.7 | 31.3 | 22.5 | 14.9 | 10.1 |
| -27.5° | 110.6 | 99.2 | 87.4 | 76.4 | 65.3 | 53.9 | 41.7 | 30.6 | 21.7 | 14.3 | 10.1 |
| -30° | 107.8 | 96.8 | 85.7 | 74.8 | 63.4 | 52.1 | 40.4 | 29.6 | 20.9 | 14.0 | 10.0 |
| -32.5° | 104.6 | 94.3 | 83.7 | 72.4 | 61.2 | 50.1 | 38.6 | 28.2 | 20.0 | 13.8 | 9.9 |
| -35° | 101.5 | 91.6 | 81.4 | 69.4 | 58.7 | 47.9 | 36.8 | 26.3 | 19.0 | 13.5 | 9.7 |
| -37.5° | 97.8 | 88.2 | 77.5 | 66.2 | 56.1 | 45.6 | 35.2 | 25.3 | 17.8 | 13.1 | 9.5 |
| -40° | 93.6 | 84.0 | 73.1 | 63.2 | 53.3 | 43.1 | 33.4 | 24.4 | 17.0 | 12.6 | 9.3 |
| -42.5° | 88.9 | 79.3 | 69.6 | 60.1 | 50.5 | 40.9 | 31.5 | 23.3 | 16.7 | 12.2 | 9.0 |
| -45° | 84.1 | 75.1 | 66.3 | 56.9 | 47.6 | 38.7 | 30.0 | 22.0 | 16.2 | 11.9 | 8.7 |
| -47.5° | 79.6 | 71.4 | 62.7 | 53.5 | 45.0 | 36.4 | 28.2 | 21.2 | 15.5 | 11.4 | 8.5 |
| -50° | 75.8 | 67.5 | 58.7 | 50.1 | 42.0 | 34.1 | 26.3 | 20.1 | 14.9 | 11.0 | 8.1 |
| -52.5° | 71.4 | 63.0 | 54.4 | 46.2 | 38.9 | 31.6 | 24.7 | 18.8 | 14.0 | 10.5 | 7.7 |
| -55° | 66.1 | 57.9 | 49.6 | 42.4 | 35.6 | 29.1 | 22.9 | 17.4 | 13.0 | 9.9 | 7.2 |
| -57.5° | 60.0 | 52.0 | 45.2 | 38.7 | 32.3 | 26.4 | 20.8 | 15.8 | 12.0 | 9.2 | 6.6 |
| -60° | 53.8 | 47.2 | 41.0 | 34.7 | 28.8 | 23.4 | 18.4 | 14.1 | 11.1 | 8.4 | 6.0 |
| -62.5° | 48.2 | 42.2 | 36.1 | 30.3 | 25.1 | 20.3 | 15.9 | 12.8 | 10.0 | 7.5 | 5.3 |
| -65° | 41.9 | 36.3 | 30.8 | 26.1 | 21.5 | 17.4 | 14.3 | 11.5 | 8.9 | 6.6 | 4.7 |
| -67.5° | 35.2 | 30.7 | 26.1 | 21.8 | 18.3 | 15.3 | 12.5 | 10.0 | 7.7 | 5.6 | 4.3 |
| -70° | 29.7 | 25.5 | 21.8 | 18.7 | 15.8 | 13.2 | 10.7 | 8.5 | 6.4 | 5.0 | 3.8 |
| -72.5° | 24.5 | 21.3 | 18.3 | 15.7 | 13.2 | 10.9 | 8.8 | 7.0 | 5.6 | 4.4 | 3.4 |
| -75° | 19.6 | 17.2 | 14.9 | 12.6 | 10.5 | 8.6 | 7.2 | 5.9 | 4.7 | 3.7 | 3.0 |
| -77.5° | 15.6 | 13.5 | 11.4 | 9.8 | 8.5 | 7.3 | 6.0 | 4.7 | 3.9 | 3.2 | 2.6 |
| -80° | 12.0 | 10.6 | 9.3 | 8.2 | 7.0 | 5.9 | 4.9 | 4.0 | 3.4 | 2.8 | 2.1 |
| -82.5° | 8.6 | 7.9 | 7.2 | 6.6 | 5.7 | 4.8 | 4.0 | 3.4 | 2.8 | 2.3 | 1.7 |
| -85° | 5.9 | 5.5 | 5.2 | 4.9 | 4.3 | 3.7 | 3.1 | 2.5 | 2.0 | 1.5 | 1.1 |
| -87.5° | 3.0 | 2.9 | 2.7 | 2.6 | 2.2 | 1.9 | 1.6 | 1.3 | 1.0 | 0.8 | 0.6 |
| -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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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-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° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| 80° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| 77.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |
| 75° | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 |
| 72.5° | 0.1 | 0.2 | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 |
| 70° | 0.2 | 0.3 | 0.3 | 0.0 | 0.1 | 0.3 | 0.0 |
| 67.5° | 0.5 | 0.5 | 0.5 | 0.2 | 0.1 | 0.3 | 0.0 |
| 65° | 0.9 | 0.6 | 0.6 | 0.3 | 0.1 | 0.3 | 0.0 |
| 62.5° | 1.2 | 0.9 | 0.8 | 0.5 | 0.2 | 0.4 | 0.0 |
| 60° | 1.5 | 1.0 | 0.9 | 0.6 | 0.2 | 0.4 | 0.0 |
| 57.5° | 1.5 | 1.2 | 1.1 | 0.8 | 0.3 | 0.5 | 0.0 |
| 55° | 1.5 | 1.4 | 1.2 | 1.0 | 0.5 | 0.5 | 0.0 |
| 52.5° | 1.5 | 1.5 | 1.2 | 1.1 | 0.6 | 0.6 | 0.0 |
| 50° | 1.5 | 1.5 | 1.3 | 1.3 | 0.7 | 0.6 | 0.0 |
| 47.5° | 1.5 | 1.5 | 1.4 | 1.4 | 0.8 | 0.6 | 0.0 |
| 45° | 1.5 | 1.5 | 1.4 | 1.5 | 0.9 | 0.7 | 0.0 |
| 42.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.0 | 0.7 | 0.0 |
| 40° | 1.5 | 1.5 | 1.5 | 1.5 | 1.0 | 0.8 | 0.0 |
| 37.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.1 | 0.8 | 0.0 |
| 35° | 1.5 | 1.5 | 1.5 | 1.5 | 1.2 | 0.9 | 0.0 |
| 32.5° | 1.5 | 1.5 | 1.5 | 1.5 | 1.2 | 0.9 | 0.0 |
| 30° | 1.7 | 1.5 | 1.5 | 1.5 | 1.3 | 1.0 | 0.0 |
| 27.5° | 1.9 | 1.5 | 1.5 | 1.5 | 1.3 | 1.0 | 0.0 |
| 25° | 2.0 | 1.5 | 1.5 | 1.5 | 1.4 | 1.1 | 0.0 |
| 22.5° | 2.2 | 1.5 | 1.5 | 1.5 | 1.4 | 1.1 | 0.0 |
| 20° | 2.4 | 1.6 | 1.5 | 1.5 | 1.4 | 1.2 | 0.0 |
| 17.5° | 2.7 | 1.8 | 1.5 | 1.5 | 1.5 | 1.2 | 0.0 |
| 15° | 3.0 | 1.9 | 1.5 | 1.5 | 1.5 | 1.3 | 0.0 |
| 12.5° | 3.3 | 2.1 | 1.5 | 1.5 | 1.5 | 1.3 | 0.0 |
| 10° | 3.6 | 2.3 | 1.5 | 1.5 | 1.5 | 1.3 | 0.0 |
| 7.5° | 3.8 | 2.5 | 1.5 | 1.5 | 1.5 | 1.4 | 0.0 |
| 5° | 4.1 | 2.6 | 1.5 | 1.5 | 1.5 | 1.4 | 0.0 |
| 2.5° | 4.3 | 2.8 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 |
| 0° | 4.5 | 3.0 | 1.5 | 1.5 | 1.5 | 1.5 | 0.0 |
| -2.5° | 4.9 | 3.2 | 1.6 | 1.5 | 1.5 | 1.5 | 0.0 |
| -5° | 5.3 | 3.3 | 1.8 | 1.5 | 1.5 | 1.5 | 0.0 |
| -7.5° | 5.6 | 3.4 | 1.9 | 1.5 | 1.5 | 1.5 | 0.0 |
| -10° | 5.9 | 3.5 | 2.0 | 1.5 | 1.5 | 1.5 | 0.0 |
| -12.5° | 6.1 | 3.6 | 2.1 | 1.5 | 1.5 | 1.5 | 0.0 |
| -15° | 6.3 | 3.7 | 2.2 | 1.5 | 1.5 | 1.4 | 0.0 |
| -17.5° | 6.4 | 3.8 | 2.2 | 1.5 | 1.5 | 1.4 | 0.0 |
| -20° | 6.5 | 3.8 | 2.3 | 1.5 | 1.5 | 1.4 | 0.0 |

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Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P626748 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA1D-740-U-NR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 6.6 | 3.9 | 2.3 | 1.5 | 1.5 | 1.4 | 0.0 |
| -25° | 6.6 | 4.0 | 2.3 | 1.5 | 1.5 | 1.4 | 0.0 |
| -27.5° | 6.6 | 4.1 | 2.3 | 1.5 | 1.5 | 1.3 | 0.0 |
| -30° | 6.6 | 4.1 | 2.2 | 1.5 | 1.5 | 1.3 | 0.0 |
| -32.5° | 6.5 | 4.2 | 2.2 | 1.5 | 1.5 | 1.3 | 0.0 |
| -35° | 6.5 | 4.2 | 2.2 | 1.5 | 1.5 | 1.2 | 0.0 |
| -37.5° | 6.5 | 4.1 | 2.1 | 1.5 | 1.5 | 1.2 | 0.0 |
| -40° | 6.4 | 4.0 | 2.0 | 1.5 | 1.5 | 1.1 | 0.0 |
| -42.5° | 6.3 | 3.9 | 2.0 | 1.5 | 1.5 | 1.1 | 0.0 |
| -45° | 6.1 | 3.8 | 2.1 | 1.6 | 1.5 | 1.1 | 0.0 |
| -47.5° | 5.8 | 3.6 | 2.1 | 1.6 | 1.5 | 1.0 | 0.0 |
| -50° | 5.5 | 3.3 | 2.1 | 1.6 | 1.5 | 1.0 | 0.0 |
| -52.5° | 5.2 | 3.1 | 2.1 | 1.6 | 1.5 | 0.9 | 0.0 |
| -55° | 4.8 | 3.0 | 2.1 | 1.6 | 1.5 | 0.9 | 0.0 |
| -57.5° | 4.3 | 2.9 | 2.1 | 1.6 | 1.5 | 0.8 | 0.0 |
| -60° | 3.9 | 2.8 | 2.0 | 1.6 | 1.5 | 0.7 | 0.0 |
| -62.5° | 3.7 | 2.7 | 2.0 | 1.6 | 1.4 | 0.7 | 0.0 |
| -65° | 3.5 | 2.5 | 1.9 | 1.6 | 1.3 | 0.6 | 0.0 |
| -67.5° | 3.2 | 2.4 | 1.8 | 1.5 | 1.1 | 0.6 | 0.0 |
| -70° | 2.9 | 2.2 | 1.7 | 1.5 | 1.0 | 0.5 | 0.0 |
| -72.5° | 2.6 | 2.0 | 1.6 | 1.3 | 0.9 | 0.5 | 0.0 |
| -75° | 2.3 | 1.8 | 1.5 | 1.2 | 0.8 | 0.4 | 0.0 |
| -77.5° | 1.9 | 1.6 | 1.3 | 1.0 | 0.6 | 0.3 | 0.0 |
| -80° | 1.5 | 1.3 | 1.0 | 0.8 | 0.5 | 0.3 | 0.0 |
| -82.5° | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 | 0.2 | 0.0 |
| -85° | 0.8 | 0.6 | 0.5 | 0.4 | 0.3 | 0.1 | 0.0 |
| -87.5° | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)