

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: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA2B-735-U-MR-VSR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-14)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA2B-735-U-MR-VSR-XX
Description: GALLEON FLOOD, TWO LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4 WITH VISOR
Light Source: (32) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9044.7 lumens
Efficiency: N/A
Efficacy: 142.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')

NEMA Type: 4H x 4V
Max Intensity: 31890.1 candela
Max Intensity Angle: 0°H x -2.5°V

Beam Angle (50%): 28.2°H x 28.7°V
Beam Lumens: 4522.5 lumens
Beam Efficiency: 50.0%

Field Angle (10%): 50.2°H x 50.4°V
Field Lumens: 7771.1 lumens
Field Efficiency: 85.9%

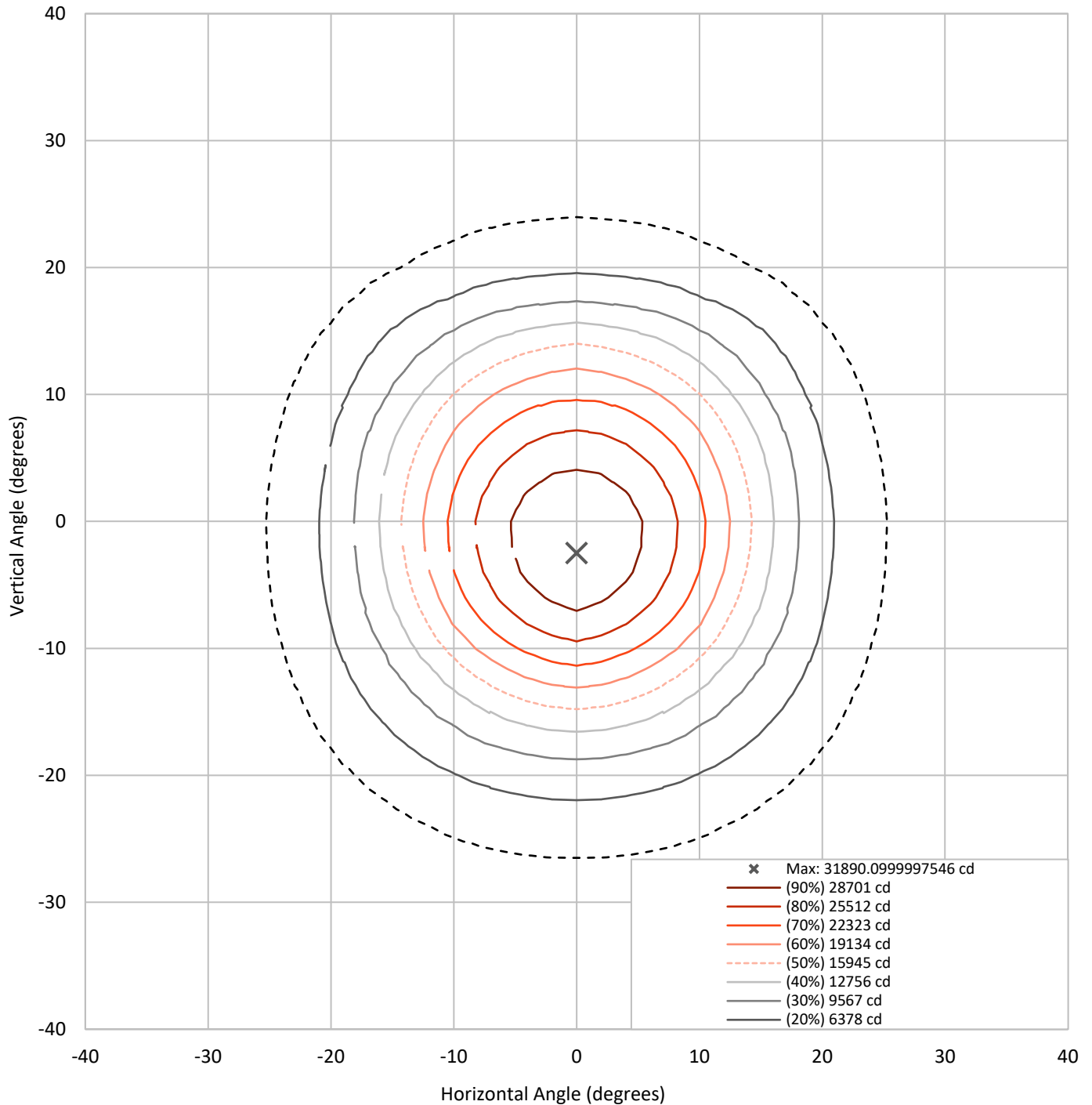
Input Watts (W): 63.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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CATALOG NUMBER: GFLD-SA2B-735-U-MR-VSR-XX

Iso-Candela Plot





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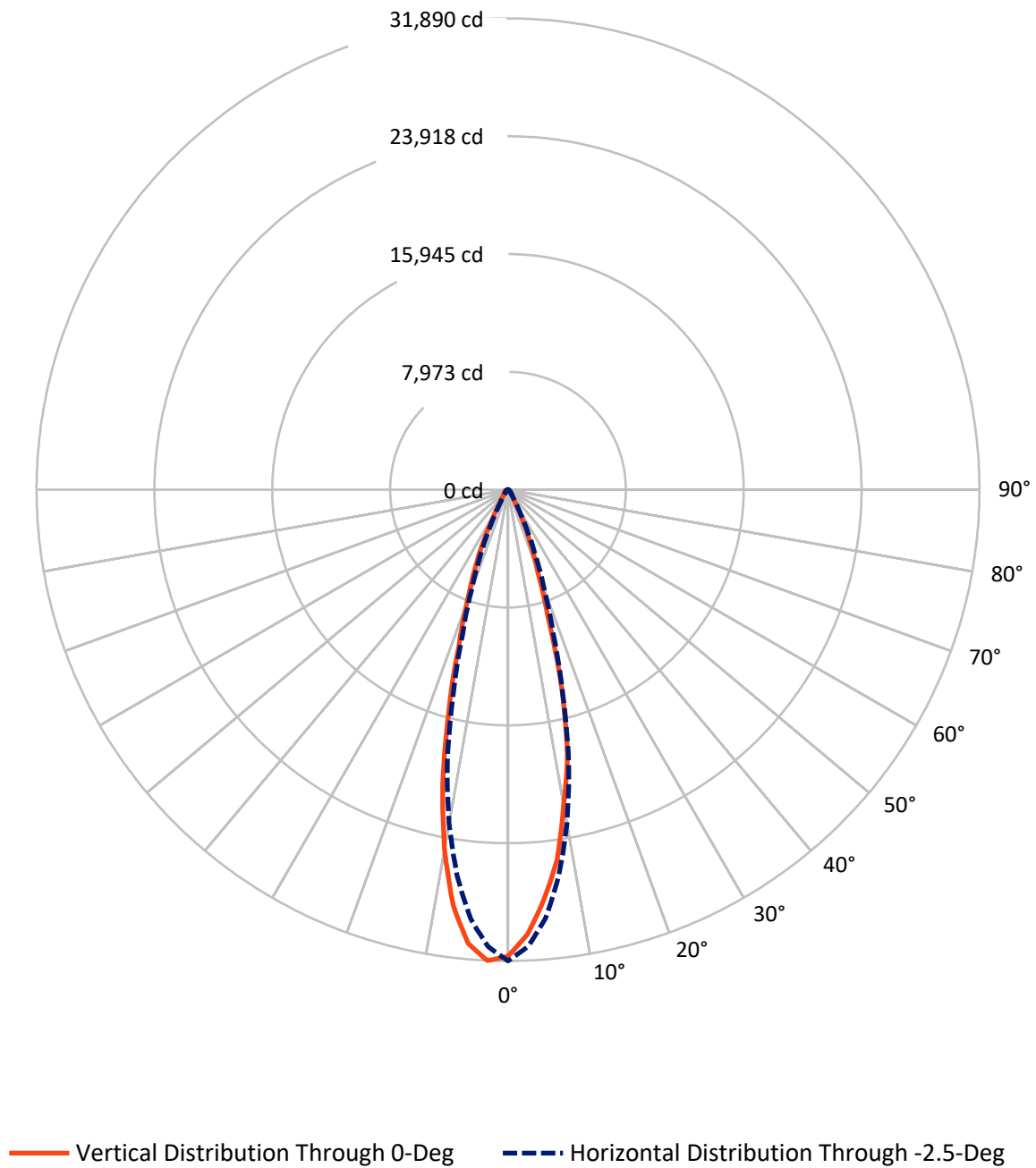
CATALOG NUMBER: GFLD-SA2B-735-U-MR-VSR-XX

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|------|------|-------|-------|-------|-------|------|------|-----|-----|-----|-----|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.0 | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 50 | | 0.0 | 0.1 | 0.3 | 0.6 | 1.0 | 1.4 | 1.7 | 1.7 | 1.4 | 1.0 | 0.6 | 0.3 | 0.1 | 0.0 | | | | |
| 40 | 0.0 | 0.0 | 0.3 | 1.0 | 1.9 | 2.9 | 4.1 | 4.8 | 4.8 | 4.1 | 2.9 | 1.9 | 1.0 | 0.3 | 0.0 | 0.0 | | | |
| 30 | | 0.1 | 0.8 | 1.9 | 3.6 | 5.8 | 9.8 | 13.0 | 13.0 | 9.8 | 5.8 | 3.6 | 1.9 | 0.8 | 0.1 | | | | |
| 20 | 0.1 | 0.3 | 1.2 | 3.0 | 5.6 | 13.7 | 42.9 | 78.7 | 78.7 | 42.9 | 13.7 | 5.6 | 3.0 | 1.2 | 0.3 | 0.1 | | | |
| 10 | | 0.4 | 1.7 | 4.0 | 9.6 | 47.1 | 191.5 | 375.1 | 375.1 | 191.5 | 47.1 | 9.6 | 4.0 | 1.7 | 0.4 | | | | |
| 0 | 0.1 | 0.6 | 2.0 | 4.8 | 13.8 | 89.8 | 386.8 | 758.1 | 758.1 | 386.8 | 89.8 | 13.8 | 4.8 | 2.0 | 0.6 | 0.1 | | | |
| -10 | | 0.7 | 2.2 | 5.1 | 14.8 | 94.1 | 396.8 | 803.8 | 803.8 | 396.8 | 94.1 | 14.8 | 5.1 | 2.2 | 0.7 | | | | |
| -20 | 0.2 | 0.7 | 2.3 | 4.9 | 12.1 | 57.8 | 219.5 | 425.4 | 425.4 | 219.5 | 57.8 | 12.1 | 4.9 | 2.3 | 0.7 | 0.2 | | | |
| -30 | | 0.7 | 2.2 | 4.5 | 8.9 | 22.4 | 68.0 | 121.3 | 121.3 | 68.0 | 22.4 | 8.9 | 4.5 | 2.2 | 0.7 | | | | |
| -40 | 0.2 | 0.6 | 1.9 | 3.9 | 6.7 | 11.1 | 18.1 | 24.2 | 24.2 | 18.1 | 11.1 | 6.7 | 3.9 | 1.9 | 0.6 | 0.2 | | | |
| -50 | | 0.5 | 1.6 | 3.2 | 5.3 | 7.6 | 10.0 | 11.3 | 11.3 | 10.0 | 7.6 | 5.3 | 3.2 | 1.6 | 0.5 | | | | |
| -60 | 0.1 | 0.4 | 1.2 | 2.5 | 4.2 | 5.8 | 7.2 | 7.9 | 7.9 | 7.2 | 5.8 | 4.2 | 2.5 | 1.2 | 0.4 | 0.1 | | | |
| -70 | | 0.2 | 0.7 | 1.6 | 2.8 | 3.9 | 4.9 | 5.5 | 5.5 | 4.9 | 3.9 | 2.8 | 1.6 | 0.7 | 0.2 | | | | |
| -80 | 0.0 | 0.6 | | 2.7 | | 5.8 | | 7.3 | | 5.8 | | 2.7 | | 0.6 | | 0.0 | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

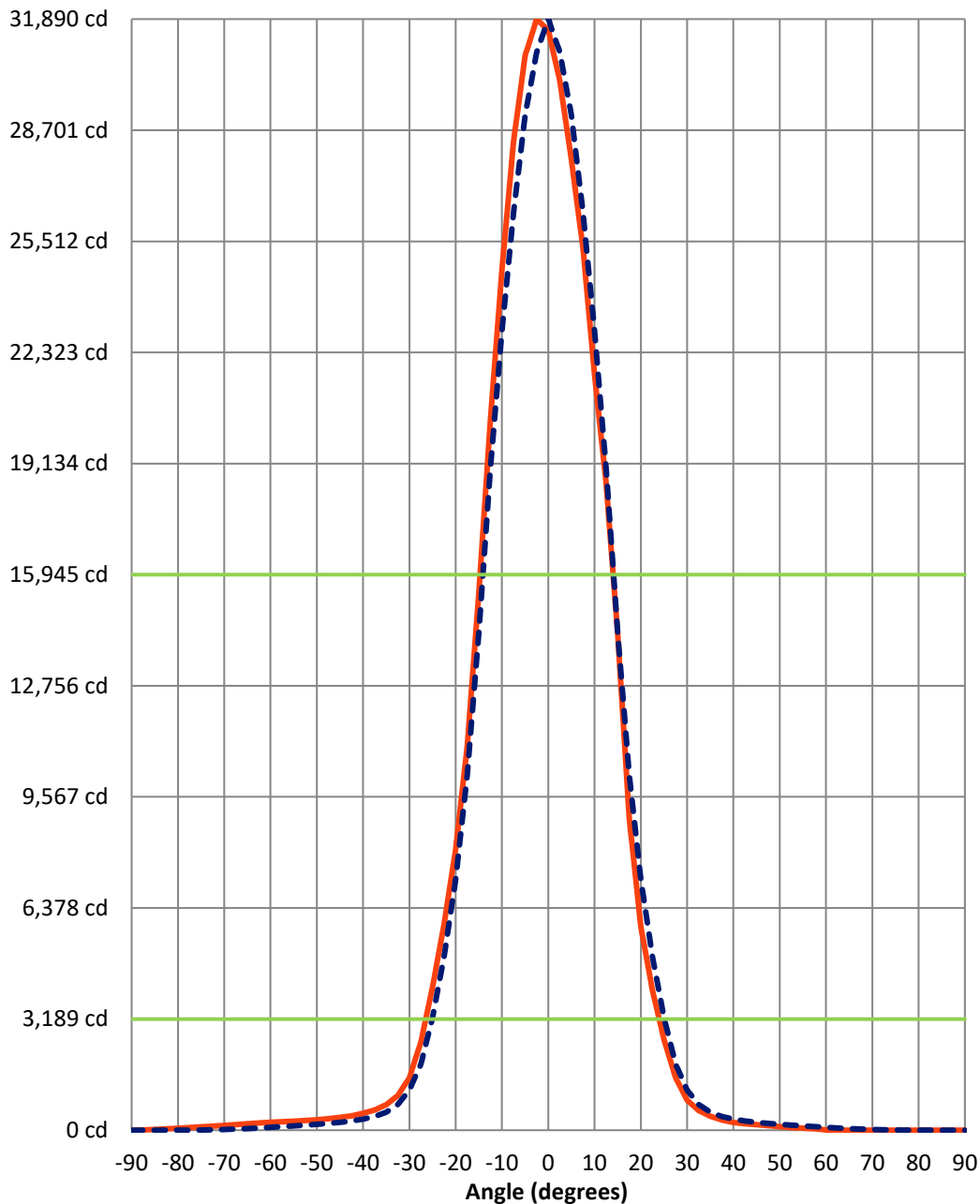
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 28.2°
 V Angle: 28.7°
 Lumens: 4522.5
 Efficiency: 50.0%

Field:
 H Angle: 50.2°
 V Angle: 50.4°
 Lumens: 7771.1
 Efficiency: 85.9%

Spill:
 Lumens: 1273.6
 Efficiency: 14.1%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through -2.5-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 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 57.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 55° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 52.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 50° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 1 |
| 47.5° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 |
| 45° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 |
| 42.5° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 3 |
| 40° | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 2 | 5 |
| 37.5° | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 7 |
| 35° | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 3 | 5 | 9 |
| 32.5° | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 4 | 7 | 11 |
| 30° | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 2 | 5 | 8 | 13 |
| 27.5° | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 6 | 10 | 16 |
| 25° | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 7 | 12 | 19 |
| 22.5° | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 4 | 8 | 14 | 22 |
| 20° | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 5 | 10 | 17 | 26 |
| 17.5° | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 6 | 11 | 19 | 29 |
| 15° | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 7 | 12 | 21 | 32 |
| 12.5° | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 8 | 13 | 23 | 34 |
| 10° | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 9 | 14 | 25 | 37 |
| 7.5° | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 10 | 15 | 27 | 39 |
| 5° | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 11 | 16 | 29 | 41 |
| 2.5° | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 11 | 17 | 31 | 43 |
| 0° | 0 | 0 | 0 | 0 | 2 | 2 | 4 | 12 | 18 | 32 | 44 |
| -2.5° | 0 | 0 | 0 | 0 | 2 | 2 | 5 | 12 | 20 | 33 | 45 |
| -5° | 0 | 0 | 0 | 0 | 2 | 2 | 6 | 12 | 21 | 34 | 47 |
| -7.5° | 0 | 0 | 0 | 0 | 2 | 3 | 6 | 13 | 23 | 35 | 47 |
| -10° | 0 | 0 | 0 | 0 | 2 | 3 | 7 | 13 | 24 | 36 | 48 |
| -12.5° | 0 | 0 | 0 | 1 | 2 | 3 | 7 | 13 | 24 | 36 | 49 |
| -15° | 0 | 0 | 0 | 1 | 2 | 3 | 8 | 13 | 25 | 37 | 50 |
| -17.5° | 0 | 0 | 0 | 1 | 2 | 3 | 8 | 13 | 24 | 37 | 50 |
| -20° | 0 | 0 | 0 | 1 | 2 | 3 | 8 | 14 | 24 | 37 | 50 |

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CATALOG NUMBER: GFLD-SA2B-735-U-MR-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 | 0 | 1 | 2 | 3 | 8 | 14 | 24 | 36 | 50 |
| -25° | 0 | 0 | 0 | 1 | 2 | 3 | 8 | 15 | 23 | 35 | 48 |
| -27.5° | 0 | 0 | 0 | 1 | 2 | 4 | 8 | 15 | 22 | 34 | 47 |
| -30° | 0 | 0 | 0 | 1 | 2 | 4 | 8 | 15 | 22 | 33 | 46 |
| -32.5° | 0 | 0 | 0 | 1 | 2 | 4 | 8 | 15 | 22 | 32 | 44 |
| -35° | 0 | 0 | 0 | 1 | 2 | 4 | 8 | 15 | 22 | 31 | 42 |
| -37.5° | 0 | 0 | 0 | 1 | 3 | 4 | 8 | 14 | 21 | 29 | 41 |
| -40° | 0 | 0 | 0 | 1 | 3 | 4 | 8 | 14 | 20 | 29 | 39 |
| -42.5° | 0 | 0 | 0 | 0 | 3 | 4 | 8 | 13 | 20 | 28 | 38 |
| -45° | 0 | 0 | 0 | 0 | 2 | 4 | 8 | 13 | 19 | 26 | 36 |
| -47.5° | 0 | 0 | 0 | 0 | 2 | 4 | 7 | 12 | 18 | 25 | 34 |
| -50° | 0 | 0 | 0 | 0 | 2 | 4 | 7 | 11 | 17 | 24 | 32 |
| -52.5° | 0 | 0 | 0 | 0 | 2 | 4 | 7 | 10 | 16 | 22 | 29 |
| -55° | 0 | 0 | 0 | 0 | 2 | 4 | 6 | 9 | 15 | 20 | 27 |
| -57.5° | 0 | 0 | 0 | 0 | 2 | 4 | 6 | 9 | 13 | 19 | 25 |
| -60° | 0 | 0 | 0 | 0 | 1 | 3 | 5 | 8 | 12 | 17 | 22 |
| -62.5° | 0 | 0 | 0 | 0 | 1 | 3 | 5 | 7 | 11 | 15 | 20 |
| -65° | 0 | 0 | 0 | 0 | 1 | 3 | 4 | 6 | 9 | 13 | 17 |
| -67.5° | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 6 | 8 | 11 | 15 |
| -70° | 0 | 0 | 0 | 0 | 1 | 2 | 4 | 5 | 7 | 10 | 13 |
| -72.5° | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 5 | 6 | 8 | 11 |
| -75° | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 4 | 5 | 7 | 9 |
| -77.5° | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 6 |
| -80° | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 3 | 4 | 5 |
| -82.5° | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 3 | 3 |
| -85° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



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CATALOG NUMBER: GFLD-SA2B-735-U-MR-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 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 60° | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 2 | 2 | 4 |
| 57.5° | 0 | 0 | 1 | 1 | 1 | 2 | 3 | 4 | 6 | 9 | 11 |
| 55° | 1 | 1 | 2 | 2 | 3 | 5 | 6 | 10 | 13 | 18 | 21 |
| 52.5° | 1 | 2 | 2 | 3 | 6 | 9 | 13 | 18 | 23 | 27 | 30 |
| 50° | 2 | 2 | 3 | 6 | 10 | 15 | 21 | 27 | 32 | 36 | 41 |
| 47.5° | 3 | 3 | 6 | 10 | 15 | 22 | 30 | 36 | 40 | 48 | 56 |
| 45° | 4 | 6 | 10 | 15 | 22 | 32 | 39 | 44 | 52 | 60 | 69 |
| 42.5° | 5 | 9 | 14 | 20 | 31 | 40 | 47 | 54 | 63 | 72 | 82 |
| 40° | 8 | 12 | 19 | 28 | 39 | 48 | 57 | 65 | 74 | 85 | 95 |
| 37.5° | 10 | 17 | 25 | 36 | 47 | 57 | 67 | 76 | 87 | 99 | 110 |
| 35° | 13 | 21 | 31 | 43 | 54 | 66 | 77 | 88 | 101 | 114 | 127 |
| 32.5° | 16 | 26 | 37 | 50 | 62 | 75 | 87 | 102 | 115 | 129 | 145 |
| 30° | 21 | 31 | 43 | 56 | 69 | 83 | 98 | 114 | 128 | 144 | 161 |
| 27.5° | 25 | 36 | 48 | 62 | 76 | 91 | 109 | 125 | 140 | 157 | 176 |
| 25° | 29 | 41 | 54 | 68 | 83 | 100 | 120 | 136 | 152 | 171 | 193 |
| 22.5° | 33 | 45 | 60 | 73 | 89 | 109 | 130 | 148 | 166 | 185 | 210 |
| 20° | 37 | 51 | 66 | 80 | 96 | 118 | 139 | 160 | 181 | 204 | 233 |
| 17.5° | 41 | 55 | 71 | 87 | 105 | 127 | 149 | 172 | 195 | 224 | 260 |
| 15° | 45 | 60 | 77 | 94 | 113 | 136 | 159 | 184 | 211 | 245 | 286 |
| 12.5° | 48 | 64 | 82 | 100 | 120 | 143 | 168 | 194 | 225 | 266 | 317 |
| 10° | 51 | 68 | 87 | 106 | 127 | 150 | 175 | 203 | 236 | 280 | 340 |
| 7.5° | 54 | 71 | 92 | 111 | 132 | 157 | 182 | 210 | 246 | 292 | 358 |
| 5° | 56 | 75 | 95 | 115 | 136 | 161 | 187 | 216 | 253 | 301 | 373 |
| 2.5° | 58 | 78 | 98 | 118 | 140 | 165 | 190 | 220 | 258 | 310 | 384 |
| 0° | 60 | 80 | 100 | 120 | 143 | 167 | 193 | 223 | 261 | 317 | 391 |
| -2.5° | 62 | 83 | 103 | 123 | 145 | 169 | 195 | 225 | 264 | 319 | 393 |
| -5° | 64 | 85 | 104 | 125 | 147 | 170 | 196 | 226 | 266 | 320 | 394 |
| -7.5° | 65 | 87 | 106 | 126 | 149 | 171 | 197 | 227 | 267 | 319 | 394 |
| -10° | 65 | 87 | 107 | 127 | 150 | 172 | 197 | 227 | 266 | 316 | 387 |
| -12.5° | 67 | 88 | 107 | 128 | 150 | 173 | 197 | 225 | 262 | 310 | 375 |
| -15° | 67 | 88 | 107 | 128 | 150 | 172 | 195 | 221 | 256 | 302 | 359 |
| -17.5° | 68 | 87 | 107 | 127 | 149 | 172 | 193 | 218 | 251 | 293 | 347 |
| -20° | 68 | 87 | 106 | 125 | 147 | 170 | 191 | 215 | 245 | 283 | 332 |

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CATALOG NUMBER: GFLD-SA2B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| -22.5° | 67 | 86 | 104 | 123 | 144 | 166 | 188 | 211 | 239 | 271 | 315 |
| -25° | 66 | 85 | 103 | 121 | 141 | 162 | 184 | 205 | 232 | 262 | 300 |
| -27.5° | 65 | 84 | 101 | 119 | 138 | 158 | 179 | 200 | 224 | 252 | 284 |
| -30° | 62 | 81 | 99 | 116 | 135 | 154 | 173 | 194 | 216 | 242 | 271 |
| -32.5° | 59 | 78 | 96 | 113 | 131 | 149 | 167 | 187 | 208 | 231 | 257 |
| -35° | 57 | 75 | 92 | 109 | 127 | 144 | 161 | 179 | 200 | 221 | 243 |
| -37.5° | 55 | 71 | 88 | 104 | 122 | 139 | 155 | 171 | 190 | 210 | 230 |
| -40° | 53 | 67 | 84 | 100 | 115 | 133 | 148 | 163 | 180 | 200 | 219 |
| -42.5° | 50 | 65 | 80 | 95 | 110 | 126 | 142 | 156 | 172 | 190 | 208 |
| -45° | 48 | 62 | 76 | 90 | 105 | 119 | 134 | 149 | 164 | 180 | 198 |
| -47.5° | 46 | 58 | 72 | 85 | 99 | 114 | 127 | 141 | 157 | 172 | 187 |
| -50° | 43 | 55 | 67 | 79 | 93 | 107 | 121 | 133 | 147 | 162 | 177 |
| -52.5° | 39 | 51 | 62 | 74 | 86 | 100 | 113 | 126 | 138 | 151 | 166 |
| -55° | 35 | 46 | 57 | 68 | 79 | 91 | 104 | 117 | 130 | 142 | 154 |
| -57.5° | 32 | 41 | 51 | 62 | 72 | 82 | 95 | 108 | 120 | 132 | 144 |
| -60° | 29 | 36 | 45 | 55 | 65 | 75 | 86 | 97 | 109 | 120 | 131 |
| -62.5° | 25 | 32 | 39 | 48 | 58 | 67 | 77 | 87 | 98 | 108 | 117 |
| -65° | 22 | 28 | 34 | 41 | 49 | 58 | 67 | 77 | 87 | 94 | 102 |
| -67.5° | 19 | 24 | 29 | 35 | 42 | 49 | 56 | 65 | 74 | 81 | 88 |
| -70° | 16 | 20 | 24 | 29 | 35 | 41 | 47 | 54 | 60 | 67 | 74 |
| -72.5° | 14 | 17 | 20 | 23 | 28 | 33 | 39 | 44 | 49 | 55 | 61 |
| -75° | 11 | 14 | 16 | 19 | 22 | 26 | 31 | 36 | 40 | 45 | 49 |
| -77.5° | 9 | 11 | 13 | 15 | 17 | 21 | 24 | 28 | 32 | 35 | 39 |
| -80° | 6 | 8 | 10 | 12 | 13 | 15 | 18 | 20 | 23 | 26 | 29 |
| -82.5° | 4 | 5 | 7 | 8 | 9 | 10 | 12 | 13 | 15 | 17 | 19 |
| -85° | 2 | 3 | 4 | 5 | 5 | 6 | 7 | 7 | 9 | 10 | 11 |
| -87.5° | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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CATALOG NUMBER: GFLD-SA2B-735-U-MR-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 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| 60° | 5 | 5 | 8 | 9 | 9 | 7 | 10 | 11 | 11 | 9 | 9 |
| 57.5° | 14 | 18 | 20 | 21 | 24 | 28 | 29 | 29 | 29 | 30 | 34 |
| 55° | 25 | 27 | 29 | 33 | 38 | 41 | 44 | 46 | 49 | 51 | 54 |
| 52.5° | 34 | 38 | 41 | 46 | 51 | 54 | 56 | 61 | 66 | 70 | 72 |
| 50° | 48 | 53 | 58 | 63 | 69 | 73 | 77 | 83 | 90 | 97 | 101 |
| 47.5° | 63 | 69 | 76 | 84 | 90 | 94 | 99 | 107 | 116 | 124 | 129 |
| 45° | 77 | 84 | 92 | 100 | 107 | 113 | 121 | 130 | 139 | 148 | 154 |
| 42.5° | 89 | 97 | 106 | 115 | 121 | 131 | 142 | 152 | 163 | 173 | 181 |
| 40° | 104 | 111 | 125 | 134 | 142 | 152 | 168 | 182 | 196 | 209 | 217 |
| 37.5° | 121 | 134 | 148 | 159 | 170 | 183 | 205 | 227 | 244 | 261 | 273 |
| 35° | 141 | 157 | 175 | 187 | 203 | 228 | 255 | 285 | 315 | 339 | 361 |
| 32.5° | 161 | 179 | 197 | 216 | 241 | 276 | 310 | 358 | 402 | 448 | 490 |
| 30° | 179 | 199 | 220 | 246 | 285 | 334 | 390 | 463 | 542 | 622 | 712 |
| 27.5° | 197 | 219 | 245 | 285 | 345 | 411 | 515 | 630 | 794 | 927 | 1140 |
| 25° | 218 | 242 | 278 | 342 | 424 | 541 | 721 | 927 | 1267 | 1558 | 1885 |
| 22.5° | 242 | 280 | 330 | 410 | 548 | 758 | 1039 | 1487 | 2009 | 2494 | 2957 |
| 20° | 272 | 324 | 409 | 537 | 735 | 1057 | 1590 | 2270 | 2996 | 3706 | 4392 |
| 17.5° | 312 | 394 | 516 | 698 | 978 | 1656 | 2450 | 3421 | 4664 | 5598 | 6483 |
| 15° | 349 | 452 | 636 | 931 | 1458 | 2331 | 3440 | 4927 | 6601 | 8008 | 9600 |
| 12.5° | 392 | 516 | 739 | 1121 | 1874 | 3028 | 4442 | 6215 | 8196 | 10333 | 12826 |
| 10° | 429 | 582 | 869 | 1394 | 2308 | 3652 | 5235 | 7317 | 9862 | 12885 | 16036 |
| 7.5° | 458 | 638 | 977 | 1600 | 2674 | 4163 | 6052 | 8584 | 11807 | 15340 | 18934 |
| 5° | 481 | 680 | 1063 | 1761 | 2985 | 4578 | 6648 | 9587 | 13260 | 17315 | 20889 |
| 2.5° | 498 | 710 | 1119 | 1859 | 3195 | 4862 | 7056 | 10120 | 14149 | 18604 | 22357 |
| 0° | 512 | 729 | 1150 | 1930 | 3293 | 4996 | 7245 | 10335 | 14566 | 19236 | 23095 |
| -2.5° | 517 | 739 | 1152 | 1905 | 3234 | 4988 | 7201 | 10203 | 14278 | 18985 | 22939 |
| -5° | 519 | 734 | 1123 | 1855 | 3128 | 4809 | 6912 | 9702 | 13400 | 17816 | 21822 |
| -7.5° | 515 | 714 | 1064 | 1730 | 2892 | 4493 | 6510 | 8958 | 11990 | 15883 | 20023 |
| -10° | 501 | 680 | 984 | 1562 | 2566 | 4000 | 5883 | 7951 | 10373 | 13551 | 16907 |
| -12.5° | 476 | 629 | 874 | 1309 | 2183 | 3442 | 5110 | 6938 | 8826 | 10914 | 13674 |
| -15° | 446 | 576 | 784 | 1156 | 1827 | 2856 | 4206 | 5751 | 7318 | 8917 | 10601 |
| -17.5° | 423 | 531 | 692 | 952 | 1403 | 2235 | 3315 | 4556 | 5827 | 7097 | 8231 |
| -20° | 394 | 476 | 602 | 804 | 1132 | 1624 | 2436 | 3402 | 4352 | 5387 | 6256 |

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Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| -22.5° | 368 | 438 | 533 | 660 | 880 | 1227 | 1690 | 2369 | 3091 | 3843 | 4557 |
| -25° | 344 | 397 | 472 | 574 | 705 | 912 | 1217 | 1573 | 2079 | 2542 | 3072 |
| -27.5° | 323 | 367 | 418 | 494 | 594 | 707 | 894 | 1102 | 1367 | 1588 | 1942 |
| -30° | 303 | 339 | 381 | 429 | 502 | 588 | 689 | 815 | 945 | 1075 | 1245 |
| -32.5° | 285 | 315 | 347 | 387 | 432 | 496 | 559 | 640 | 711 | 789 | 870 |
| -35° | 267 | 293 | 320 | 351 | 386 | 429 | 476 | 529 | 576 | 623 | 666 |
| -37.5° | 251 | 273 | 297 | 321 | 349 | 379 | 416 | 453 | 485 | 516 | 542 |
| -40° | 238 | 256 | 276 | 296 | 319 | 342 | 371 | 399 | 420 | 440 | 457 |
| -42.5° | 226 | 242 | 257 | 275 | 293 | 315 | 338 | 359 | 373 | 387 | 398 |
| -45° | 214 | 228 | 242 | 257 | 272 | 291 | 310 | 327 | 338 | 349 | 357 |
| -47.5° | 202 | 215 | 228 | 241 | 255 | 270 | 286 | 298 | 308 | 317 | 323 |
| -50° | 190 | 203 | 214 | 225 | 238 | 252 | 265 | 275 | 284 | 292 | 296 |
| -52.5° | 179 | 190 | 202 | 213 | 224 | 234 | 245 | 255 | 264 | 272 | 275 |
| -55° | 167 | 179 | 189 | 200 | 210 | 220 | 229 | 238 | 246 | 254 | 256 |
| -57.5° | 156 | 168 | 179 | 187 | 196 | 205 | 214 | 223 | 231 | 238 | 240 |
| -60° | 143 | 155 | 165 | 173 | 182 | 190 | 198 | 206 | 213 | 220 | 223 |
| -62.5° | 128 | 139 | 148 | 156 | 163 | 171 | 178 | 185 | 192 | 198 | 201 |
| -65° | 110 | 119 | 128 | 136 | 143 | 150 | 156 | 163 | 168 | 173 | 176 |
| -67.5° | 95 | 102 | 109 | 116 | 123 | 130 | 136 | 141 | 146 | 150 | 152 |
| -70° | 80 | 86 | 93 | 99 | 105 | 111 | 116 | 121 | 126 | 129 | 132 |
| -72.5° | 66 | 72 | 78 | 83 | 89 | 94 | 98 | 103 | 107 | 110 | 112 |
| -75° | 54 | 59 | 63 | 68 | 73 | 77 | 81 | 84 | 88 | 90 | 92 |
| -77.5° | 43 | 46 | 50 | 54 | 57 | 61 | 63 | 66 | 69 | 71 | 73 |
| -80° | 32 | 35 | 37 | 40 | 43 | 45 | 47 | 49 | 52 | 53 | 55 |
| -82.5° | 21 | 24 | 26 | 28 | 30 | 31 | 33 | 34 | 35 | 36 | 37 |
| -85° | 12 | 14 | 15 | 16 | 18 | 19 | 20 | 20 | 21 | 22 | 23 |
| -87.5° | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 9 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-MR-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 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 60° | 9 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 11 | 11 |
| 57.5° | 37 | 40 | 42 | 42 | 42 | 40 | 37 | 34 | 30 | 29 | 29 |
| 55° | 57 | 59 | 59 | 58 | 59 | 59 | 57 | 54 | 51 | 49 | 46 |
| 52.5° | 74 | 74 | 73 | 72 | 73 | 74 | 74 | 72 | 70 | 66 | 61 |
| 50° | 102 | 102 | 102 | 102 | 102 | 102 | 102 | 101 | 97 | 90 | 83 |
| 47.5° | 131 | 133 | 133 | 133 | 133 | 133 | 131 | 129 | 124 | 116 | 107 |
| 45° | 157 | 159 | 159 | 159 | 159 | 159 | 157 | 154 | 148 | 139 | 130 |
| 42.5° | 184 | 186 | 186 | 187 | 186 | 186 | 184 | 181 | 173 | 163 | 152 |
| 40° | 220 | 222 | 222 | 221 | 222 | 222 | 220 | 217 | 209 | 196 | 182 |
| 37.5° | 282 | 286 | 288 | 293 | 288 | 286 | 282 | 273 | 261 | 244 | 227 |
| 35° | 377 | 388 | 393 | 402 | 393 | 388 | 377 | 361 | 339 | 315 | 285 |
| 32.5° | 521 | 542 | 553 | 564 | 553 | 542 | 521 | 490 | 448 | 402 | 358 |
| 30° | 774 | 816 | 833 | 863 | 833 | 816 | 774 | 712 | 622 | 542 | 463 |
| 27.5° | 1296 | 1395 | 1433 | 1514 | 1433 | 1395 | 1296 | 1140 | 927 | 794 | 630 |
| 25° | 2184 | 2395 | 2512 | 2604 | 2512 | 2395 | 2184 | 1885 | 1558 | 1267 | 927 |
| 22.5° | 3423 | 3734 | 3899 | 4022 | 3899 | 3734 | 3423 | 2957 | 2494 | 2009 | 1487 |
| 20° | 5014 | 5424 | 5668 | 5845 | 5668 | 5424 | 5014 | 4392 | 3706 | 2996 | 2270 |
| 17.5° | 7620 | 8264 | 8640 | 8963 | 8640 | 8264 | 7620 | 6483 | 5598 | 4664 | 3421 |
| 15° | 11376 | 12670 | 13675 | 14234 | 13675 | 12670 | 11376 | 9600 | 8008 | 6601 | 4927 |
| 12.5° | 15030 | 16924 | 18050 | 18567 | 18050 | 16924 | 15030 | 12826 | 10333 | 8196 | 6215 |
| 10° | 18644 | 20430 | 21501 | 21690 | 21501 | 20430 | 18644 | 16036 | 12885 | 9862 | 7317 |
| 7.5° | 21410 | 23375 | 24797 | 25314 | 24797 | 23375 | 21410 | 18934 | 15340 | 11807 | 8584 |
| 5° | 23854 | 26154 | 27659 | 27850 | 27659 | 26154 | 23854 | 20889 | 17315 | 13260 | 9587 |
| 2.5° | 25651 | 28151 | 29611 | 30113 | 29611 | 28151 | 25651 | 22357 | 18604 | 14149 | 10120 |
| 0° | 26521 | 29213 | 30838 | 31569 | 30838 | 29213 | 26521 | 23095 | 19236 | 14566 | 10335 |
| -2.5° | 26338 | 29123 | 30936 | 31890 | 30936 | 29123 | 26338 | 22939 | 18985 | 14278 | 10203 |
| -5° | 25336 | 28130 | 29820 | 30834 | 29820 | 28130 | 25336 | 21822 | 17816 | 13400 | 9702 |
| -7.5° | 23027 | 25639 | 27439 | 28374 | 27439 | 25639 | 23027 | 20023 | 15883 | 11990 | 8958 |
| -10° | 20051 | 22262 | 23902 | 24700 | 23902 | 22262 | 20051 | 16907 | 13551 | 10373 | 7951 |
| -12.5° | 16185 | 18329 | 19809 | 20372 | 19809 | 18329 | 16185 | 13674 | 10914 | 8826 | 6938 |
| -15° | 12400 | 14037 | 15088 | 15421 | 15088 | 14037 | 12400 | 10601 | 8917 | 7318 | 5751 |
| -17.5° | 9404 | 10285 | 10876 | 11036 | 10876 | 10285 | 9404 | 8231 | 7097 | 5827 | 4556 |
| -20° | 7045 | 7591 | 7975 | 8066 | 7975 | 7591 | 7045 | 6256 | 5387 | 4352 | 3402 |

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REPORT NUMBER: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|-------|------|-------|------|------|------|------|------|-------|------|-------|
| -22.5° | 5133 | 5544 | 5854 | 5915 | 5854 | 5544 | 5133 | 4557 | 3843 | 3091 | 2369 |
| -25° | 3541 | 3884 | 4094 | 4110 | 4094 | 3884 | 3541 | 3072 | 2542 | 2079 | 1573 |
| -27.5° | 2220 | 2408 | 2506 | 2540 | 2506 | 2408 | 2220 | 1942 | 1588 | 1367 | 1102 |
| -30° | 1372 | 1459 | 1504 | 1506 | 1504 | 1459 | 1372 | 1245 | 1075 | 945 | 815 |
| -32.5° | 931 | 973 | 996 | 996 | 996 | 973 | 931 | 870 | 789 | 711 | 640 |
| -35° | 698 | 719 | 732 | 733 | 732 | 719 | 698 | 666 | 623 | 576 | 529 |
| -37.5° | 561 | 573 | 579 | 580 | 579 | 573 | 561 | 542 | 516 | 485 | 453 |
| -40° | 469 | 477 | 483 | 486 | 483 | 477 | 469 | 457 | 440 | 420 | 399 |
| -42.5° | 406 | 411 | 413 | 412 | 413 | 411 | 406 | 398 | 387 | 373 | 359 |
| -45° | 361 | 365 | 367 | 368 | 367 | 365 | 361 | 357 | 349 | 338 | 327 |
| -47.5° | 326 | 328 | 329 | 329 | 329 | 328 | 326 | 323 | 317 | 308 | 298 |
| -50° | 298 | 300 | 300 | 299 | 300 | 300 | 298 | 296 | 292 | 284 | 275 |
| -52.5° | 276 | 276 | 277 | 277 | 277 | 276 | 276 | 275 | 272 | 264 | 255 |
| -55° | 258 | 258 | 259 | 259 | 259 | 258 | 258 | 256 | 254 | 246 | 238 |
| -57.5° | 242 | 244 | 244 | 243 | 244 | 244 | 242 | 240 | 238 | 231 | 223 |
| -60° | 226 | 228 | 229 | 229 | 229 | 228 | 226 | 223 | 220 | 213 | 206 |
| -62.5° | 203 | 205 | 207 | 207 | 207 | 205 | 203 | 201 | 198 | 192 | 185 |
| -65° | 178 | 180 | 182 | 185 | 182 | 180 | 178 | 176 | 173 | 168 | 163 |
| -67.5° | 154 | 156 | 158 | 161 | 158 | 156 | 154 | 152 | 150 | 146 | 141 |
| -70° | 134 | 136 | 136 | 137 | 136 | 136 | 134 | 132 | 129 | 126 | 121 |
| -72.5° | 114 | 116 | 116 | 117 | 116 | 116 | 114 | 112 | 110 | 107 | 103 |
| -75° | 94 | 96 | 96 | 96 | 96 | 96 | 94 | 92 | 90 | 88 | 84 |
| -77.5° | 74 | 76 | 76 | 76 | 76 | 76 | 74 | 73 | 71 | 69 | 66 |
| -80° | 57 | 58 | 57 | 56 | 57 | 58 | 57 | 55 | 53 | 52 | 49 |
| -82.5° | 39 | 40 | 39 | 38 | 39 | 40 | 39 | 37 | 36 | 35 | 34 |
| -85° | 23 | 24 | 23 | 22 | 23 | 24 | 23 | 23 | 22 | 21 | 20 |
| -87.5° | 9 | 10 | 9 | 8 | 9 | 10 | 9 | 9 | 8 | 8 | 8 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA2B-735-U-MR-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 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| 60° | 10 | 7 | 9 | 9 | 8 | 5 | 5 | 4 | 2 | 2 | 2 |
| 57.5° | 29 | 28 | 24 | 21 | 20 | 18 | 14 | 11 | 9 | 6 | 4 |
| 55° | 44 | 41 | 38 | 33 | 29 | 27 | 25 | 21 | 18 | 13 | 10 |
| 52.5° | 56 | 54 | 51 | 46 | 41 | 38 | 34 | 30 | 27 | 23 | 18 |
| 50° | 77 | 73 | 69 | 63 | 58 | 53 | 48 | 41 | 36 | 32 | 27 |
| 47.5° | 99 | 94 | 90 | 84 | 76 | 69 | 63 | 56 | 48 | 40 | 36 |
| 45° | 121 | 113 | 107 | 100 | 92 | 84 | 77 | 69 | 60 | 52 | 44 |
| 42.5° | 142 | 131 | 121 | 115 | 106 | 97 | 89 | 82 | 72 | 63 | 54 |
| 40° | 168 | 152 | 142 | 134 | 125 | 111 | 104 | 95 | 85 | 74 | 65 |
| 37.5° | 205 | 183 | 170 | 159 | 148 | 134 | 121 | 110 | 99 | 87 | 76 |
| 35° | 255 | 228 | 203 | 187 | 175 | 157 | 141 | 127 | 114 | 101 | 88 |
| 32.5° | 310 | 276 | 241 | 216 | 197 | 179 | 161 | 145 | 129 | 115 | 102 |
| 30° | 390 | 334 | 285 | 246 | 220 | 199 | 179 | 161 | 144 | 128 | 114 |
| 27.5° | 515 | 411 | 345 | 285 | 245 | 219 | 197 | 176 | 157 | 140 | 125 |
| 25° | 721 | 541 | 424 | 342 | 278 | 242 | 218 | 193 | 171 | 152 | 136 |
| 22.5° | 1039 | 758 | 548 | 410 | 330 | 280 | 242 | 210 | 185 | 166 | 148 |
| 20° | 1590 | 1057 | 735 | 537 | 409 | 324 | 272 | 233 | 204 | 181 | 160 |
| 17.5° | 2450 | 1656 | 978 | 698 | 516 | 394 | 312 | 260 | 224 | 195 | 172 |
| 15° | 3440 | 2331 | 1458 | 931 | 636 | 452 | 349 | 286 | 245 | 211 | 184 |
| 12.5° | 4442 | 3028 | 1874 | 1121 | 739 | 516 | 392 | 317 | 266 | 225 | 194 |
| 10° | 5235 | 3652 | 2308 | 1394 | 869 | 582 | 429 | 340 | 280 | 236 | 203 |
| 7.5° | 6052 | 4163 | 2674 | 1600 | 977 | 638 | 458 | 358 | 292 | 246 | 210 |
| 5° | 6648 | 4578 | 2985 | 1761 | 1063 | 680 | 481 | 373 | 301 | 253 | 216 |
| 2.5° | 7056 | 4862 | 3195 | 1859 | 1119 | 710 | 498 | 384 | 310 | 258 | 220 |
| 0° | 7245 | 4996 | 3293 | 1930 | 1150 | 729 | 512 | 391 | 317 | 261 | 223 |
| -2.5° | 7201 | 4988 | 3234 | 1905 | 1152 | 739 | 517 | 393 | 319 | 264 | 225 |
| -5° | 6912 | 4809 | 3128 | 1855 | 1123 | 734 | 519 | 394 | 320 | 266 | 226 |
| -7.5° | 6510 | 4493 | 2892 | 1730 | 1064 | 714 | 515 | 394 | 319 | 267 | 227 |
| -10° | 5883 | 4000 | 2566 | 1562 | 984 | 680 | 501 | 387 | 316 | 266 | 227 |
| -12.5° | 5110 | 3442 | 2183 | 1309 | 874 | 629 | 476 | 375 | 310 | 262 | 225 |
| -15° | 4206 | 2856 | 1827 | 1156 | 784 | 576 | 446 | 359 | 302 | 256 | 221 |
| -17.5° | 3315 | 2235 | 1403 | 952 | 692 | 531 | 423 | 347 | 293 | 251 | 218 |
| -20° | 2436 | 1624 | 1132 | 804 | 602 | 476 | 394 | 332 | 283 | 245 | 215 |

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REPORT NUMBER: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 1690 | 1227 | 880 | 660 | 533 | 438 | 368 | 315 | 271 | 239 | 211 |
| -25° | 1217 | 912 | 705 | 574 | 472 | 397 | 344 | 300 | 262 | 232 | 205 |
| -27.5° | 894 | 707 | 594 | 494 | 418 | 367 | 323 | 284 | 252 | 224 | 200 |
| -30° | 689 | 588 | 502 | 429 | 381 | 339 | 303 | 271 | 242 | 216 | 194 |
| -32.5° | 559 | 496 | 432 | 387 | 347 | 315 | 285 | 257 | 231 | 208 | 187 |
| -35° | 476 | 429 | 386 | 351 | 320 | 293 | 267 | 243 | 221 | 200 | 179 |
| -37.5° | 416 | 379 | 349 | 321 | 297 | 273 | 251 | 230 | 210 | 190 | 171 |
| -40° | 371 | 342 | 319 | 296 | 276 | 256 | 238 | 219 | 200 | 180 | 163 |
| -42.5° | 338 | 315 | 293 | 275 | 257 | 242 | 226 | 208 | 190 | 172 | 156 |
| -45° | 310 | 291 | 272 | 257 | 242 | 228 | 214 | 198 | 180 | 164 | 149 |
| -47.5° | 286 | 270 | 255 | 241 | 228 | 215 | 202 | 187 | 172 | 157 | 141 |
| -50° | 265 | 252 | 238 | 225 | 214 | 203 | 190 | 177 | 162 | 147 | 133 |
| -52.5° | 245 | 234 | 224 | 213 | 202 | 190 | 179 | 166 | 151 | 138 | 126 |
| -55° | 229 | 220 | 210 | 200 | 189 | 179 | 167 | 154 | 142 | 130 | 117 |
| -57.5° | 214 | 205 | 196 | 187 | 179 | 168 | 156 | 144 | 132 | 120 | 108 |
| -60° | 198 | 190 | 182 | 173 | 165 | 155 | 143 | 131 | 120 | 109 | 97 |
| -62.5° | 178 | 171 | 163 | 156 | 148 | 139 | 128 | 117 | 108 | 98 | 87 |
| -65° | 156 | 150 | 143 | 136 | 128 | 119 | 110 | 102 | 94 | 87 | 77 |
| -67.5° | 136 | 130 | 123 | 116 | 109 | 102 | 95 | 88 | 81 | 74 | 65 |
| -70° | 116 | 111 | 105 | 99 | 93 | 86 | 80 | 74 | 67 | 60 | 54 |
| -72.5° | 98 | 94 | 89 | 83 | 78 | 72 | 66 | 61 | 55 | 49 | 44 |
| -75° | 81 | 77 | 73 | 68 | 63 | 59 | 54 | 49 | 45 | 40 | 36 |
| -77.5° | 63 | 61 | 57 | 54 | 50 | 46 | 43 | 39 | 35 | 32 | 28 |
| -80° | 47 | 45 | 43 | 40 | 37 | 35 | 32 | 29 | 26 | 23 | 20 |
| -82.5° | 33 | 31 | 30 | 28 | 26 | 24 | 21 | 19 | 17 | 15 | 13 |
| -85° | 20 | 19 | 18 | 16 | 15 | 14 | 12 | 11 | 10 | 9 | 7 |
| -87.5° | 8 | 7 | 7 | 7 | 6 | 5 | 5 | 4 | 4 | 3 | 3 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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REPORT NUMBER: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-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 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60° | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 57.5° | 3 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 |
| 55° | 6 | 5 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 |
| 52.5° | 13 | 9 | 6 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| 50° | 21 | 15 | 10 | 6 | 3 | 2 | 2 | 1 | 1 | 2 | 1 |
| 47.5° | 30 | 22 | 15 | 10 | 6 | 3 | 3 | 2 | 2 | 2 | 1 |
| 45° | 39 | 32 | 22 | 15 | 10 | 6 | 4 | 2 | 2 | 2 | 2 |
| 42.5° | 47 | 40 | 31 | 20 | 14 | 9 | 5 | 3 | 2 | 2 | 2 |
| 40° | 57 | 48 | 39 | 28 | 19 | 12 | 8 | 5 | 2 | 2 | 2 |
| 37.5° | 67 | 57 | 47 | 36 | 25 | 17 | 10 | 7 | 3 | 2 | 2 |
| 35° | 77 | 66 | 54 | 43 | 31 | 21 | 13 | 9 | 5 | 3 | 2 |
| 32.5° | 87 | 75 | 62 | 50 | 37 | 26 | 16 | 11 | 7 | 4 | 2 |
| 30° | 98 | 83 | 69 | 56 | 43 | 31 | 21 | 13 | 8 | 5 | 2 |
| 27.5° | 109 | 91 | 76 | 62 | 48 | 36 | 25 | 16 | 10 | 6 | 3 |
| 25° | 120 | 100 | 83 | 68 | 54 | 41 | 29 | 19 | 12 | 7 | 3 |
| 22.5° | 130 | 109 | 89 | 73 | 60 | 45 | 33 | 22 | 14 | 8 | 4 |
| 20° | 139 | 118 | 96 | 80 | 66 | 51 | 37 | 26 | 17 | 10 | 5 |
| 17.5° | 149 | 127 | 105 | 87 | 71 | 55 | 41 | 29 | 19 | 11 | 6 |
| 15° | 159 | 136 | 113 | 94 | 77 | 60 | 45 | 32 | 21 | 12 | 7 |
| 12.5° | 168 | 143 | 120 | 100 | 82 | 64 | 48 | 34 | 23 | 13 | 8 |
| 10° | 175 | 150 | 127 | 106 | 87 | 68 | 51 | 37 | 25 | 14 | 9 |
| 7.5° | 182 | 157 | 132 | 111 | 92 | 71 | 54 | 39 | 27 | 15 | 10 |
| 5° | 187 | 161 | 136 | 115 | 95 | 75 | 56 | 41 | 29 | 16 | 11 |
| 2.5° | 190 | 165 | 140 | 118 | 98 | 78 | 58 | 43 | 31 | 17 | 11 |
| 0° | 193 | 167 | 143 | 120 | 100 | 80 | 60 | 44 | 32 | 18 | 12 |
| -2.5° | 195 | 169 | 145 | 123 | 103 | 83 | 62 | 45 | 33 | 20 | 12 |
| -5° | 196 | 170 | 147 | 125 | 104 | 85 | 64 | 47 | 34 | 21 | 12 |
| -7.5° | 197 | 171 | 149 | 126 | 106 | 87 | 65 | 47 | 35 | 23 | 13 |
| -10° | 197 | 172 | 150 | 127 | 107 | 87 | 65 | 48 | 36 | 24 | 13 |
| -12.5° | 197 | 173 | 150 | 128 | 107 | 88 | 67 | 49 | 36 | 24 | 13 |
| -15° | 195 | 172 | 150 | 128 | 107 | 88 | 67 | 50 | 37 | 25 | 13 |
| -17.5° | 193 | 172 | 149 | 127 | 107 | 87 | 68 | 50 | 37 | 24 | 13 |
| -20° | 191 | 170 | 147 | 125 | 106 | 87 | 68 | 50 | 37 | 24 | 14 |

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



REPORT NUMBER: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| -22.5° | 188 | 166 | 144 | 123 | 104 | 86 | 67 | 50 | 36 | 24 | 14 |
| -25° | 184 | 162 | 141 | 121 | 103 | 85 | 66 | 48 | 35 | 23 | 15 |
| -27.5° | 179 | 158 | 138 | 119 | 101 | 84 | 65 | 47 | 34 | 22 | 15 |
| -30° | 173 | 154 | 135 | 116 | 99 | 81 | 62 | 46 | 33 | 22 | 15 |
| -32.5° | 167 | 149 | 131 | 113 | 96 | 78 | 59 | 44 | 32 | 22 | 15 |
| -35° | 161 | 144 | 127 | 109 | 92 | 75 | 57 | 42 | 31 | 22 | 15 |
| -37.5° | 155 | 139 | 122 | 104 | 88 | 71 | 55 | 41 | 29 | 21 | 14 |
| -40° | 148 | 133 | 115 | 100 | 84 | 67 | 53 | 39 | 29 | 20 | 14 |
| -42.5° | 142 | 126 | 110 | 95 | 80 | 65 | 50 | 38 | 28 | 20 | 13 |
| -45° | 134 | 119 | 105 | 90 | 76 | 62 | 48 | 36 | 26 | 19 | 13 |
| -47.5° | 127 | 114 | 99 | 85 | 72 | 58 | 46 | 34 | 25 | 18 | 12 |
| -50° | 121 | 107 | 93 | 79 | 67 | 55 | 43 | 32 | 24 | 17 | 11 |
| -52.5° | 113 | 100 | 86 | 74 | 62 | 51 | 39 | 29 | 22 | 16 | 10 |
| -55° | 104 | 91 | 79 | 68 | 57 | 46 | 35 | 27 | 20 | 15 | 9 |
| -57.5° | 95 | 82 | 72 | 62 | 51 | 41 | 32 | 25 | 19 | 13 | 9 |
| -60° | 86 | 75 | 65 | 55 | 45 | 36 | 29 | 22 | 17 | 12 | 8 |
| -62.5° | 77 | 67 | 58 | 48 | 39 | 32 | 25 | 20 | 15 | 11 | 7 |
| -65° | 67 | 58 | 49 | 41 | 34 | 28 | 22 | 17 | 13 | 9 | 6 |
| -67.5° | 56 | 49 | 42 | 35 | 29 | 24 | 19 | 15 | 11 | 8 | 6 |
| -70° | 47 | 41 | 35 | 29 | 24 | 20 | 16 | 13 | 10 | 7 | 5 |
| -72.5° | 39 | 33 | 28 | 23 | 20 | 17 | 14 | 11 | 8 | 6 | 5 |
| -75° | 31 | 26 | 22 | 19 | 16 | 14 | 11 | 9 | 7 | 5 | 4 |
| -77.5° | 24 | 21 | 17 | 15 | 13 | 11 | 9 | 6 | 5 | 4 | 3 |
| -80° | 18 | 15 | 13 | 12 | 10 | 8 | 6 | 5 | 4 | 3 | 2 |
| -82.5° | 12 | 10 | 9 | 8 | 7 | 5 | 4 | 3 | 3 | 2 | 2 |
| -85° | 7 | 6 | 5 | 5 | 4 | 3 | 2 | 2 | 2 | 1 | 1 |
| -87.5° | 3 | 3 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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REPORT NUMBER: P626854 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA2B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 55° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50° | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47.5° | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45° | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 42.5° | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 40° | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 37.5° | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| 35° | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| 32.5° | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| 30° | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| 27.5° | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| 25° | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| 22.5° | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| 20° | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| 17.5° | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| 15° | 2 | 2 | 2 | 0 | 0 | 0 | 0 |
| 12.5° | 3 | 2 | 2 | 0 | 0 | 0 | 0 |
| 10° | 3 | 2 | 2 | 0 | 0 | 0 | 0 |
| 7.5° | 3 | 2 | 2 | 0 | 0 | 0 | 0 |
| 5° | 3 | 2 | 2 | 0 | 0 | 0 | 0 |
| 2.5° | 4 | 2 | 2 | 0 | 0 | 0 | 0 |
| 0° | 4 | 2 | 2 | 0 | 0 | 0 | 0 |
| -2.5° | 5 | 2 | 2 | 0 | 0 | 0 | 0 |
| -5° | 6 | 2 | 2 | 0 | 0 | 0 | 0 |
| -7.5° | 6 | 3 | 2 | 0 | 0 | 0 | 0 |
| -10° | 7 | 3 | 2 | 0 | 0 | 0 | 0 |
| -12.5° | 7 | 3 | 2 | 1 | 0 | 0 | 0 |
| -15° | 8 | 3 | 2 | 1 | 0 | 0 | 0 |
| -17.5° | 8 | 3 | 2 | 1 | 0 | 0 | 0 |
| -20° | 8 | 3 | 2 | 1 | 0 | 0 | 0 |

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CATALOG NUMBER: GFLD-SA2B-735-U-MR-VSR-XX

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-----|-------|-----|-------|-----|-------|-----|
| -22.5° | 8 | 3 | 2 | 1 | 0 | 0 | 0 |
| -25° | 8 | 3 | 2 | 1 | 0 | 0 | 0 |
| -27.5° | 8 | 4 | 2 | 1 | 0 | 0 | 0 |
| -30° | 8 | 4 | 2 | 1 | 0 | 0 | 0 |
| -32.5° | 8 | 4 | 2 | 1 | 0 | 0 | 0 |
| -35° | 8 | 4 | 2 | 1 | 0 | 0 | 0 |
| -37.5° | 8 | 4 | 3 | 1 | 0 | 0 | 0 |
| -40° | 8 | 4 | 3 | 1 | 0 | 0 | 0 |
| -42.5° | 8 | 4 | 3 | 0 | 0 | 0 | 0 |
| -45° | 8 | 4 | 2 | 0 | 0 | 0 | 0 |
| -47.5° | 7 | 4 | 2 | 0 | 0 | 0 | 0 |
| -50° | 7 | 4 | 2 | 0 | 0 | 0 | 0 |
| -52.5° | 7 | 4 | 2 | 0 | 0 | 0 | 0 |
| -55° | 6 | 4 | 2 | 0 | 0 | 0 | 0 |
| -57.5° | 6 | 4 | 2 | 0 | 0 | 0 | 0 |
| -60° | 5 | 3 | 1 | 0 | 0 | 0 | 0 |
| -62.5° | 5 | 3 | 1 | 0 | 0 | 0 | 0 |
| -65° | 4 | 3 | 1 | 0 | 0 | 0 | 0 |
| -67.5° | 4 | 2 | 1 | 0 | 0 | 0 | 0 |
| -70° | 4 | 2 | 1 | 0 | 0 | 0 | 0 |
| -72.5° | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| -75° | 3 | 2 | 1 | 0 | 0 | 0 | 0 |
| -77.5° | 2 | 2 | 1 | 0 | 0 | 0 | 0 |
| -80° | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| -82.5° | 2 | 1 | 1 | 0 | 0 | 0 | 0 |
| -85° | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

(END OF REPORT)