

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: LUMIERE

Report Number: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

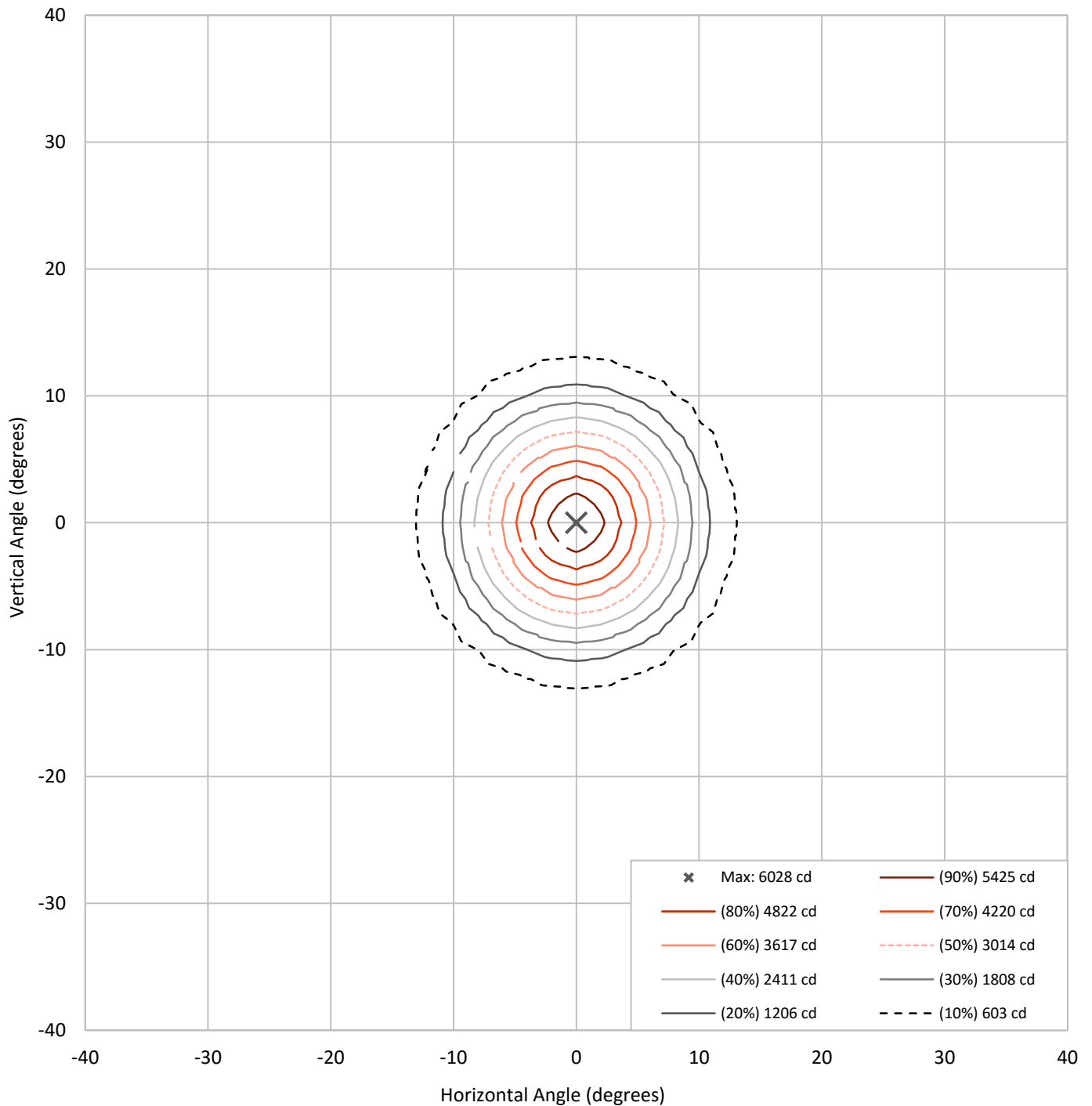
Test Method: LM-79-08  
Report Number: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS, SPOT OPTIC, BLACK HOUSING.  
Light Source: (1) 4000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                               |                      |                 |
|-----------------------------------|-------------------------------|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                           | NEMA Type:           | 2H x 2V         |
| Luminaire Lumens:                 | 471.6 lumens                  | Max Intensity:       | 6028 candela    |
| Efficiency:                       | N/A                           | Max Intensity Angle: | 0°H x 0°V       |
| Efficacy:                         | 47.2 lumens/watt              |                      |                 |
| Luminous Opening:                 | Circular (Dia: 0.17' x H: 0') |                      |                 |
| Beam Angle (50%):                 | 14.4°H x 14.4°V               | Field Angle (10%):   | 25.7°H x 25.7°V |
| Beam Lumens:                      | 219.3 lumens                  | Field Lumens:        | 371 lumens      |
| Beam Efficiency:                  | 46.5%                         | Field Efficiency:    | 78.7%           |
| Input Watts (W):                  | 10                            |                      |                 |
| 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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### Iso-Candela Plot





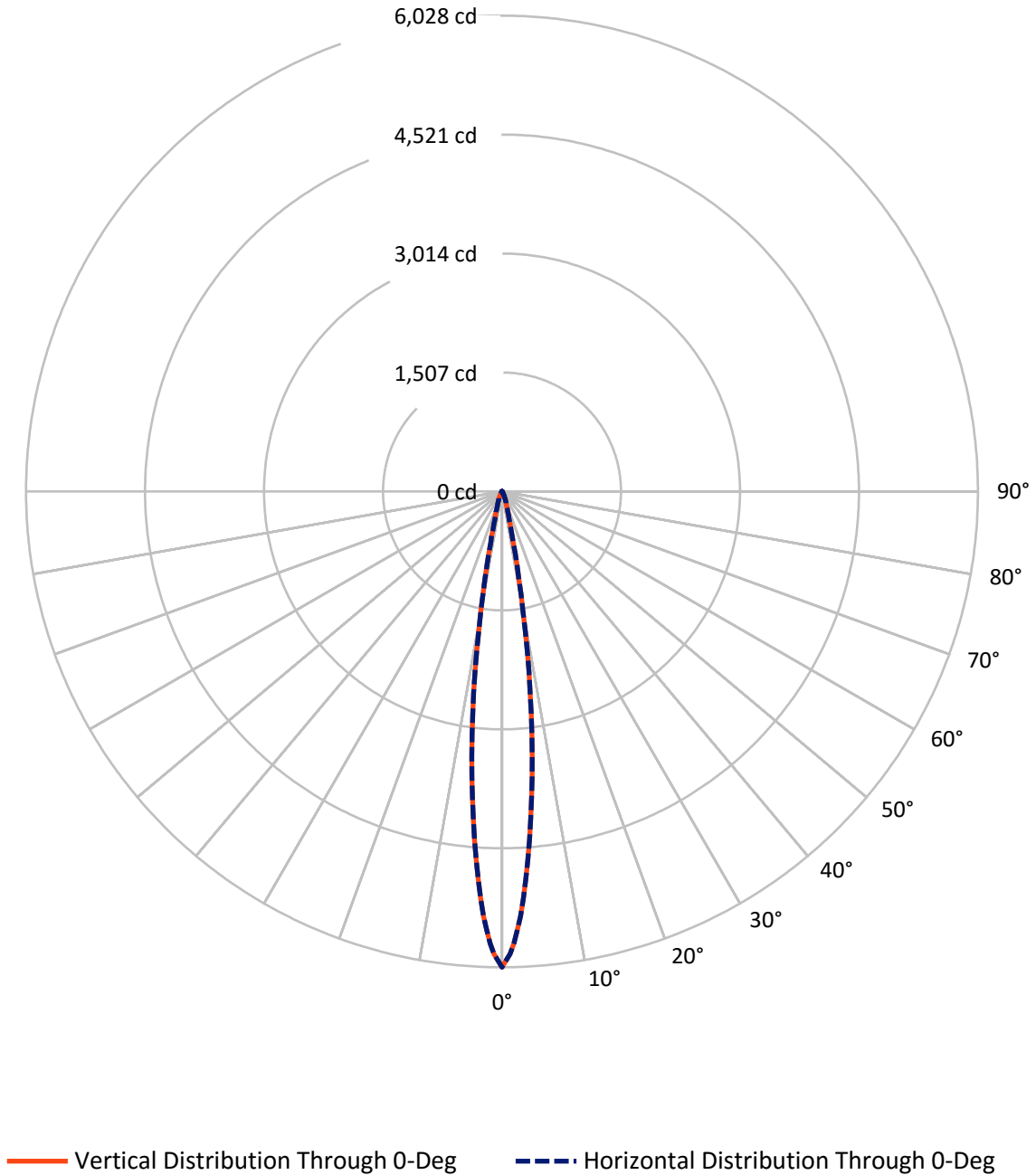
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### Lumen Table

|     |     |     |     |     |     |     |      |      |      |      |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 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 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |     |
| 50  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1  | 0.1  | 0.1  | 0.1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40  |     | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2  | 0.3  | 0.3  | 0.2  | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |     |
| 30  | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 1.0  | 2.0  | 2.0  | 1.0  | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20  |     | 0.0 | 0.0 | 0.1 | 0.2 | 0.9 | 3.8  | 11.1 | 11.1 | 3.8  | 0.9 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |     |
| 10  | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 1.8 | 10.9 | 84.5 | 84.5 | 10.9 | 1.8 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0   |     | 0.0 | 0.0 | 0.1 | 0.2 | 1.8 | 10.9 | 84.5 | 84.5 | 10.9 | 1.8 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 |     |
| -10 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.9 | 3.8  | 11.1 | 11.1 | 3.8  | 0.9 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| -20 |     | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 1.0  | 2.0  | 2.0  | 1.0  | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |     |
| -30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2  | 0.3  | 0.3  | 0.2  | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -40 |     | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1  | 0.1  | 0.1  | 0.1  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |     |
| -50 | 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 | 0.0 | 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 |
| -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 |     |
| -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 |

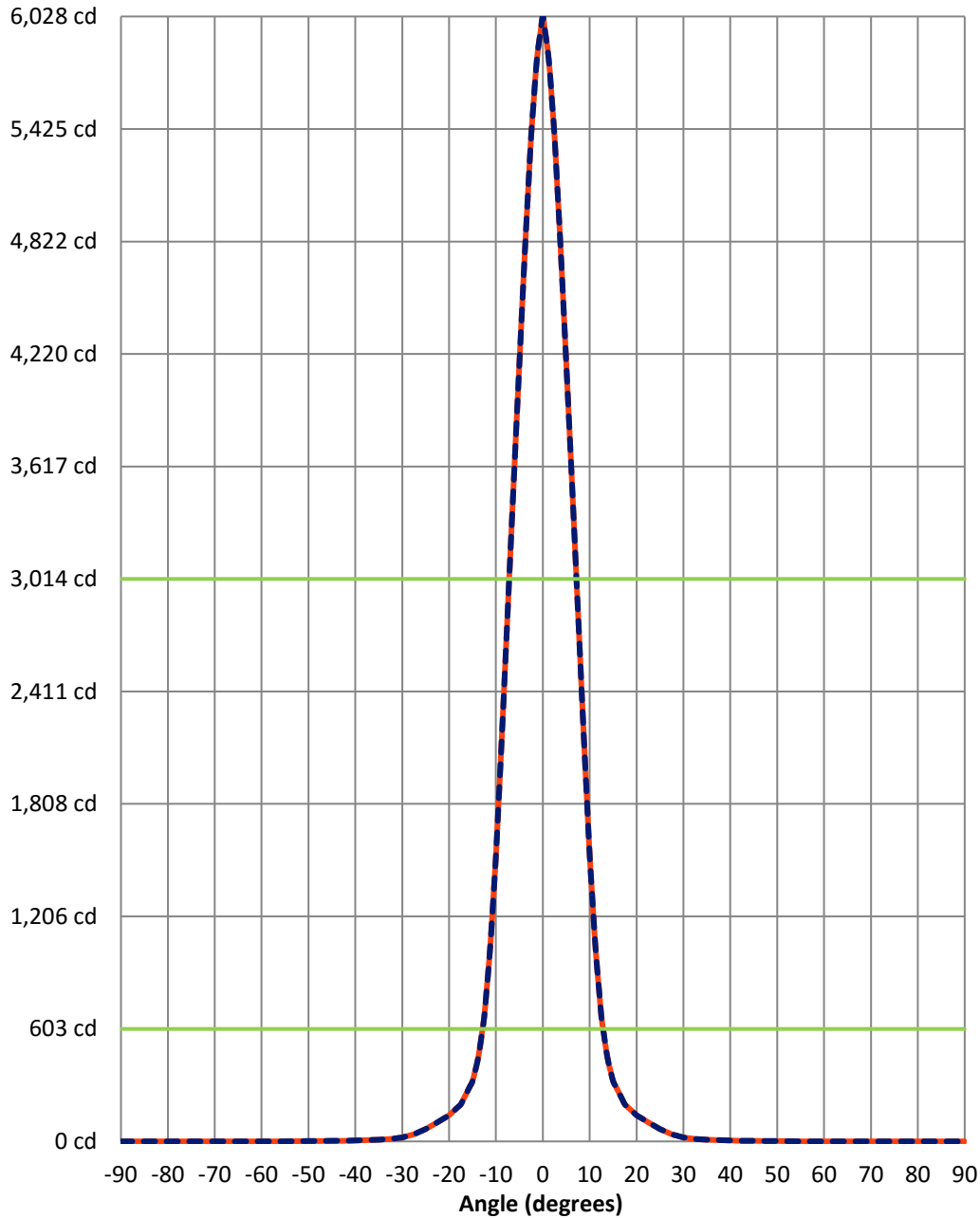
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 14.4°  
 V Angle: 14.4°  
 Lumens: 219.3  
 Efficiency: 46.5%

**Field:**  
 H Angle: 25.7°  
 V Angle: 25.7°  
 Lumens: 371  
 Efficiency: 78.7%

**Spill:**  
 Lumens: 100.6  
 Efficiency: 21.3%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

|        | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 88.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 87.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 86.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 85°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 83.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 82.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 81.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 80°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 78.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 77.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 76.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 75°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 73.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 72.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 71.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 70°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 68.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 67.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 66.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 65°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 63.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 62.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 61.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 60°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 58.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 57.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 56.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 55°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 53.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 52.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 51.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 50°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 48.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 47.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 46.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 45°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 43.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 42.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 41.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 40°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 38.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 37.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 36.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 35°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 32.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 31.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 30°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 28.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 27.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 26.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 25°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 23.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 22.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 21.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 20°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 18.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 17.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 16.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 15°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 13.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 12.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 11.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 10°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 8.75°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 7.5°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 6.25°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 5°      | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 3.75°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 2.5°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 1.25°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 0°      | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -1.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -2.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -3.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -5°     | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -6.25°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -7.5°   | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -8.75°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -10°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -11.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -12.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -13.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -15°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -16.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -17.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -18.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -20°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -21.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |





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**CANDELA DISTRIBUTION (continued):**

|         | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -22.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -23.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -25°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -26.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -27.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -28.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -30°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -31.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -32.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -33.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -35°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -36.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -37.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -38.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -40°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -41.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -42.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -43.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -45°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -46.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -47.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -48.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -50°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -51.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -52.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -53.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -55°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -56.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -57.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -58.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -60°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -61.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -62.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -63.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -65°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -66.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -67.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -68.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -70°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -71.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -72.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -73.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -75°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -76.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -77.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -80°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -81.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -82.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -83.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -85°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -86.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -87.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -88.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -90°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 90°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 88.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 87.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 86.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 85°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 83.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 82.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 81.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 78.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 77.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 76.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 75°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 73.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 72.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 71.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 70°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 68.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 67.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 66.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 65°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 63.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 62.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 61.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 60°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 58.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 57.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 56.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 55°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 53.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 52.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 51.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 50°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 48.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 47.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 46.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 45°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 43.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 42.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 41.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 40°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 38.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 37.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 36.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 35°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 33.75°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 32.5°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 31.25°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 30°     | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 28.75°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 27.5°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 26.25°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 25°     | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 23.75°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 22.5°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 21.25°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 20°     | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 18.75°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 17.5°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 16.25°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 15°     | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 13.75°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 12.5°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 11.25°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 10°     | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 8.75°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 7.5°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 6.25°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 5°      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 3.75°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 2.5°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 1.25°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| 0°      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -1.25°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -2.5°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -3.75°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -5°     | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -6.25°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -7.5°   | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -8.75°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -10°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -11.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -12.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -13.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -15°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -16.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -17.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -18.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -20°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -21.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -22.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -23.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -25°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -26.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -27.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -28.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -30°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -31.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -32.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -33.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -35°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -36.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -37.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -38.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -40°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -41.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -42.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -43.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -45°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -46.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -47.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -48.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -50°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -51.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -52.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -53.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -55°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -56.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -57.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -58.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -60°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -61.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -62.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -63.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -65°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -66.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -67.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -68.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -70°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -71.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -72.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -73.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -75°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -76.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -77.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -78.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -81.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -82.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -83.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -85°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -86.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -87.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -88.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |
| -90°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|--------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 90°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 88.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 87.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 86.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 85°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 83.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 82.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 81.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 80°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 78.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 77.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 76.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 75°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 73.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 72.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 71.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 70°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 68.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 67.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 66.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 65°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 63.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 62.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 61.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 60°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 58.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 57.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 56.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 55°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 53.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 52.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 51.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 50°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 48.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 47.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 46.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 45°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 43.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 42.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 41.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 40°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 38.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 37.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 36.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 35°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 33.75°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 32.5°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 31.25°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 30°     | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 28.75°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 27.5°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 26.25°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 25°     | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 23.75°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| 22.5°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    |
| 21.25°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    |
| 20°     | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    |
| 18.75°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| 17.5°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| 16.25°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| 15°     | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| 13.75°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    |
| 12.5°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 11.25°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 10°     | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 8.75°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 7.5°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 6.25°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 5°      | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 3.75°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 2.5°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 1.25°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| 0°      | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 2       | 2    |
| -1.25°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -2.5°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -3.75°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -5°     | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -6.25°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -7.5°   | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -8.75°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -10°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -11.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -12.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 2    |
| -13.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    |
| -15°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| -16.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| -17.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| -18.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    |
| -20°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    |
| -21.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    |





REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -22.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    |
| -23.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -25°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -26.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -27.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -28.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -30°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -31.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -32.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -33.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -35°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -36.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -37.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -38.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -40°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -41.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -42.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -43.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -45°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -46.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -47.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -48.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -50°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -51.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -52.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -53.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -55°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -56.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -57.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -58.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -60°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -61.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -62.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -63.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -65°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -66.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -67.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -68.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -70°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -71.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -72.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -73.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -75°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -76.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -77.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -78.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -80°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -81.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -82.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -83.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -85°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -86.25° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -87.5°  | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -88.75° | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |
| -90°    | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|--------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 90°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 88.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 87.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 86.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 85°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 83.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 82.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 81.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 80°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 78.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 77.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 76.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 75°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 73.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 72.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 71.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 70°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 68.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 67.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 66.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 65°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 63.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 62.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 61.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 60°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 58.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 57.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 56.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 55°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 53.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 52.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 51.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 50°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 48.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 47.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 46.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 45°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 43.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| 42.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       |
| 41.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       |
| 40°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       |
| 38.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 2       |
| 37.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 2      | 2       |
| 36.25° | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 2       | 2      | 2       |
| 35°    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 2    | 2       | 2      | 2       |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 33.75°  | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 2    | 2       | 2      | 2       |
| 32.5°   | 0       | 0      | 0       | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 2       |
| 31.25°  | 0       | 0      | 0       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       |
| 30°     | 0       | 0      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 3       |
| 28.75°  | 0       | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 2       | 3      | 3       |
| 27.5°   | 0       | 1      | 1       | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       |
| 26.25°  | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       |
| 25°     | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       |
| 23.75°  | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       |
| 22.5°   | 1       | 1      | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 4       |
| 21.25°  | 1       | 2      | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 4       |
| 20°     | 1       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 4       |
| 18.75°  | 1       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 5       |
| 17.5°   | 2       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 5       |
| 16.25°  | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 4       | 5      | 6       |
| 15°     | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 4       | 5      | 6       |
| 13.75°  | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 4       | 5      | 6       |
| 12.5°   | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 5       | 6      | 7       |
| 11.25°  | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    | 5       | 6      | 7       |
| 10°     | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    | 5       | 6      | 7       |
| 8.75°   | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    | 5       | 6      | 7       |
| 7.5°    | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 6      | 7       |
| 6.25°   | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| 5°      | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| 3.75°   | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| 2.5°    | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| 1.25°   | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| 0°      | 2       | 2      | 3       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| -1.25°  | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| -2.5°   | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| -3.75°  | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| -5°     | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| -6.25°  | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 7      | 8       |
| -7.5°   | 2       | 2      | 2       | 3    | 3       | 3      | 4       | 5    | 6       | 6      | 7       |
| -8.75°  | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    | 5       | 6      | 7       |
| -10°    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    | 5       | 6      | 7       |
| -11.25° | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 4    | 5       | 6      | 7       |
| -12.5°  | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 4    | 5       | 6      | 7       |
| -13.75° | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 4       | 5      | 6       |
| -15°    | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 4       | 5      | 6       |
| -16.25° | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 4       | 5      | 6       |
| -17.5°  | 2       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 5       |
| -18.75° | 1       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 5       |
| -20°    | 1       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 4      | 4       |
| -21.25° | 1       | 2      | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 4       |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -22.5°  | 1       | 1      | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 4       |
| -23.75° | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       |
| -25°    | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       |
| -26.25° | 1       | 1      | 1       | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       |
| -27.5°  | 0       | 1      | 1       | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       |
| -28.75° | 0       | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 2       | 3      | 3       |
| -30°    | 0       | 0      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 3       |
| -31.25° | 0       | 0      | 0       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       |
| -32.5°  | 0       | 0      | 0       | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 2       |
| -33.75° | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 2    | 2       | 2      | 2       |
| -35°    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 2    | 2       | 2      | 2       |
| -36.25° | 0       | 0      | 0       | 0    | 0       | 1      | 1       | 1    | 2       | 2      | 2       |
| -37.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 2      | 2       |
| -38.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 2       |
| -40°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       |
| -41.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      | 1       |
| -42.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       |
| -43.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -45°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -46.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -47.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -48.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -50°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -51.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -52.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -53.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -55°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -56.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -57.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -58.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -60°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -61.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -62.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -63.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -65°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -66.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -67.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -68.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -70°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -71.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -72.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -73.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -75°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -76.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -77.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -78.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -80°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -81.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -82.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -83.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -85°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -86.25° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -87.5°  | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -88.75° | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |
| -90°    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 88.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 87.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 86.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 85°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 83.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 82.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 81.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 80°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 78.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 77.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 76.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 75°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 73.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 72.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 71.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 70°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 68.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 67.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 66.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 65°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 63.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 62.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 61.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 60°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 58.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 57.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 56.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 55°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 53.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 52.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 51.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| 50°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      |
| 48.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      |
| 47.5°  | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| 46.25° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 2    | 2       | 2      |
| 45°    | 0    | 0       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      |
| 43.75° | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 2       | 2      |
| 42.5°  | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      |
| 41.25° | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 3      |
| 40°    | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      |
| 38.75° | 2    | 2       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 3      |
| 37.5°  | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3       | 3      |
| 36.25° | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 3    | 3       | 4      |
| 35°    | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 3    | 4       | 4      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75°  | 2    | 2       | 3      | 3       | 3    | 3       | 3      | 4       | 4    | 5       | 5      |
| 32.5°   | 2    | 3       | 3      | 3       | 3    | 3       | 4      | 4       | 5    | 5       | 6      |
| 31.25°  | 3    | 3       | 3      | 3       | 3    | 4       | 4      | 5       | 6    | 6       | 7      |
| 30°     | 3    | 3       | 3      | 3       | 4    | 5       | 5      | 6       | 6    | 7       | 8      |
| 28.75°  | 3    | 3       | 3      | 4       | 5    | 5       | 6      | 6       | 7    | 8       | 8      |
| 27.5°   | 3    | 3       | 4      | 4       | 5    | 6       | 7      | 7       | 8    | 8       | 9      |
| 26.25°  | 3    | 4       | 4      | 5       | 6    | 6       | 7      | 8       | 8    | 9       | 11     |
| 25°     | 3    | 4       | 5      | 6       | 6    | 7       | 8      | 8       | 9    | 11      | 12     |
| 23.75°  | 4    | 5       | 5      | 6       | 7    | 8       | 8      | 9       | 11   | 12      | 14     |
| 22.5°   | 4    | 5       | 6      | 7       | 8    | 8       | 9      | 11      | 12   | 14      | 17     |
| 21.25°  | 5    | 6       | 6      | 7       | 8    | 9       | 10     | 12      | 13   | 16      | 19     |
| 20°     | 5    | 6       | 7      | 8       | 9    | 10      | 11     | 13      | 16   | 19      | 23     |
| 18.75°  | 6    | 7       | 7      | 8       | 9    | 11      | 12     | 15      | 18   | 22      | 28     |
| 17.5°   | 6    | 7       | 8      | 9       | 10   | 12      | 14     | 17      | 20   | 26      | 33     |
| 16.25°  | 6    | 7       | 8      | 9       | 11   | 13      | 16     | 19      | 24   | 31      | 38     |
| 15°     | 7    | 8       | 9      | 10      | 12   | 14      | 18     | 21      | 28   | 36      | 46     |
| 13.75°  | 7    | 8       | 9      | 11      | 13   | 16      | 19     | 25      | 32   | 41      | 53     |
| 12.5°   | 7    | 8       | 10     | 12      | 14   | 17      | 21     | 29      | 36   | 47      | 59     |
| 11.25°  | 8    | 9       | 10     | 12      | 15   | 19      | 24     | 32      | 41   | 53      | 66     |
| 10°     | 8    | 9       | 11     | 13      | 16   | 20      | 27     | 35      | 46   | 59      | 73     |
| 8.75°   | 8    | 9       | 11     | 14      | 17   | 21      | 29     | 38      | 50   | 64      | 80     |
| 7.5°    | 8    | 10      | 12     | 14      | 18   | 24      | 32     | 41      | 54   | 68      | 85     |
| 6.25°   | 9    | 10      | 12     | 15      | 19   | 25      | 34     | 44      | 58   | 73      | 90     |
| 5°      | 9    | 10      | 12     | 16      | 20   | 27      | 35     | 47      | 61   | 77      | 95     |
| 3.75°   | 9    | 11      | 13     | 16      | 20   | 28      | 36     | 49      | 63   | 80      | 98     |
| 2.5°    | 9    | 11      | 13     | 17      | 21   | 29      | 37     | 51      | 65   | 82      | 100    |
| 1.25°   | 9    | 11      | 13     | 17      | 21   | 29      | 38     | 52      | 66   | 84      | 102    |
| 0°      | 9    | 11      | 13     | 17      | 21   | 30      | 38     | 52      | 66   | 84      | 102    |
| -1.25°  | 9    | 11      | 13     | 17      | 21   | 29      | 38     | 52      | 66   | 84      | 102    |
| -2.5°   | 9    | 11      | 13     | 17      | 21   | 29      | 37     | 51      | 65   | 82      | 100    |
| -3.75°  | 9    | 11      | 13     | 16      | 20   | 28      | 36     | 49      | 63   | 80      | 98     |
| -5°     | 9    | 10      | 12     | 16      | 20   | 27      | 35     | 47      | 61   | 77      | 95     |
| -6.25°  | 9    | 10      | 12     | 15      | 19   | 25      | 34     | 44      | 58   | 73      | 90     |
| -7.5°   | 8    | 10      | 12     | 14      | 18   | 24      | 32     | 41      | 54   | 68      | 85     |
| -8.75°  | 8    | 9       | 11     | 14      | 17   | 21      | 29     | 38      | 50   | 64      | 80     |
| -10°    | 8    | 9       | 11     | 13      | 16   | 20      | 27     | 35      | 46   | 59      | 73     |
| -11.25° | 8    | 9       | 10     | 12      | 15   | 19      | 24     | 32      | 41   | 53      | 66     |
| -12.5°  | 7    | 8       | 10     | 12      | 14   | 17      | 21     | 29      | 36   | 47      | 59     |
| -13.75° | 7    | 8       | 9      | 11      | 13   | 16      | 19     | 25      | 32   | 41      | 53     |
| -15°    | 7    | 8       | 9      | 10      | 12   | 14      | 18     | 21      | 28   | 36      | 46     |
| -16.25° | 6    | 7       | 8      | 9       | 11   | 13      | 16     | 19      | 24   | 31      | 38     |
| -17.5°  | 6    | 7       | 8      | 9       | 10   | 12      | 14     | 17      | 20   | 26      | 33     |
| -18.75° | 6    | 7       | 7      | 8       | 9    | 11      | 12     | 15      | 18   | 22      | 28     |
| -20°    | 5    | 6       | 7      | 8       | 9    | 10      | 11     | 13      | 16   | 19      | 23     |
| -21.25° | 5    | 6       | 6      | 7       | 8    | 9       | 10     | 12      | 13   | 16      | 19     |





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**CANDELA DISTRIBUTION (continued):**

|         | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -22.5°  | 4    | 5       | 6      | 7       | 8    | 8       | 9      | 11      | 12   | 14      | 17     |
| -23.75° | 4    | 5       | 5      | 6       | 7    | 8       | 8      | 9       | 11   | 12      | 14     |
| -25°    | 3    | 4       | 5      | 6       | 6    | 7       | 8      | 8       | 9    | 11      | 12     |
| -26.25° | 3    | 4       | 4      | 5       | 6    | 6       | 7      | 8       | 8    | 9       | 11     |
| -27.5°  | 3    | 3       | 4      | 4       | 5    | 6       | 7      | 7       | 8    | 8       | 9      |
| -28.75° | 3    | 3       | 3      | 4       | 5    | 5       | 6      | 6       | 7    | 8       | 8      |
| -30°    | 3    | 3       | 3      | 3       | 4    | 5       | 5      | 6       | 6    | 7       | 8      |
| -31.25° | 3    | 3       | 3      | 3       | 3    | 4       | 4      | 5       | 6    | 6       | 7      |
| -32.5°  | 2    | 3       | 3      | 3       | 3    | 3       | 4      | 4       | 5    | 5       | 6      |
| -33.75° | 2    | 2       | 3      | 3       | 3    | 3       | 3      | 4       | 4    | 5       | 5      |
| -35°    | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 3    | 4       | 4      |
| -36.25° | 2    | 2       | 2      | 2       | 3    | 3       | 3      | 3       | 3    | 3       | 4      |
| -37.5°  | 2    | 2       | 2      | 2       | 2    | 3       | 3      | 3       | 3    | 3       | 3      |
| -38.75° | 2    | 2       | 2      | 2       | 2    | 2       | 3      | 3       | 3    | 3       | 3      |
| -40°    | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 3    | 3       | 3      |
| -41.25° | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 3      |
| -42.5°  | 1    | 1       | 1      | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      |
| -43.75° | 1    | 1       | 1      | 1       | 1    | 2       | 2      | 2       | 2    | 2       | 2      |
| -45°    | 0    | 0       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      |
| -46.25° | 0    | 0       | 0      | 0       | 1    | 1       | 1      | 1       | 2    | 2       | 2      |
| -47.5°  | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      |
| -48.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 1       | 1    | 1       | 1      |
| -50°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 1      |
| -51.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -52.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -53.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -55°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -56.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -57.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -58.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -60°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -61.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -62.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -63.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -65°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -66.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -67.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -68.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -70°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -71.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -72.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -73.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -75°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -76.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -77.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



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**CANDELA DISTRIBUTION (continued):**

|         | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -80°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -81.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -82.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -83.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -85°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -86.25° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -87.5°  | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -88.75° | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |
| -90°    | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

|        | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| 90°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 88.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 87.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 86.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 85°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 83.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 82.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 81.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 78.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 77.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 76.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 75°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 73.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 72.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 71.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 70°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 68.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 67.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 66.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 65°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 63.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 62.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 61.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 60°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 58.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 57.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 56.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 55°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 53.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| 52.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1      |
| 51.25° | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| 50°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2      |
| 48.75° | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| 47.5°  | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| 46.25° | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| 45°    | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 3       | 3    | 3      |
| 43.75° | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| 42.5°  | 2       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| 41.25° | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| 40°    | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 4      | 4       | 4    | 4      |
| 38.75° | 3       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    | 5      |
| 37.5°  | 3       | 4    | 4       | 4      | 5       | 5    | 5       | 6      | 6       | 6    | 6      |
| 36.25° | 4       | 4    | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 7    | 7      |
| 35°    | 5       | 5    | 6       | 6      | 6       | 7    | 7       | 7      | 8       | 8    | 8      |



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**CANDELA DISTRIBUTION (continued):**

|         | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| 33.75°  | 6       | 6    | 7       | 7      | 7       | 8    | 8       | 8      | 9       | 9    | 9      |
| 32.5°   | 6       | 7    | 7       | 8      | 8       | 9    | 9       | 10     | 10      | 11   | 11     |
| 31.25°  | 7       | 8    | 8       | 9      | 9       | 10   | 11      | 12     | 12      | 13   | 14     |
| 30°     | 8       | 9    | 9       | 10     | 11      | 12   | 13      | 14     | 15      | 16   | 17     |
| 28.75°  | 9       | 10   | 11      | 12     | 13      | 14   | 16      | 17     | 19      | 20   | 21     |
| 27.5°   | 10      | 11   | 12      | 14     | 16      | 18   | 19      | 21     | 24      | 27   | 29     |
| 26.25°  | 12      | 13   | 15      | 17     | 19      | 21   | 25      | 29     | 32      | 35   | 38     |
| 25°     | 13      | 16   | 18      | 20     | 24      | 28   | 32      | 36     | 41      | 46   | 50     |
| 23.75°  | 16      | 19   | 22      | 26     | 31      | 36   | 41      | 47     | 53      | 59   | 64     |
| 22.5°   | 19      | 23   | 28      | 33     | 38      | 46   | 53      | 59     | 66      | 73   | 80     |
| 21.25°  | 23      | 29   | 34      | 41     | 49      | 57   | 64      | 73     | 82      | 89   | 96     |
| 20°     | 29      | 35   | 42      | 51     | 60      | 69   | 79      | 88     | 97      | 106  | 113    |
| 18.75°  | 34      | 42   | 52      | 61     | 71      | 83   | 93      | 103    | 113     | 122  | 131    |
| 17.5°   | 41      | 51   | 61      | 72     | 85      | 96   | 108     | 119    | 129     | 139  | 152    |
| 16.25°  | 49      | 60   | 71      | 85     | 97      | 110  | 122     | 134    | 147     | 163  | 177    |
| 15°     | 57      | 69   | 83      | 96     | 110     | 123  | 136     | 153    | 171     | 187  | 207    |
| 13.75°  | 64      | 79   | 93      | 108    | 122     | 136  | 155     | 175    | 193     | 226  | 260    |
| 12.5°   | 73      | 88   | 103     | 119    | 134     | 153  | 175     | 196    | 235     | 274  | 311    |
| 11.25°  | 82      | 97   | 113     | 129    | 147     | 171  | 193     | 235    | 279     | 322  | 392    |
| 10°     | 89      | 106  | 122     | 139    | 163     | 187  | 226     | 274    | 322     | 402  | 517    |
| 8.75°   | 96      | 113  | 131     | 152    | 177     | 207  | 260     | 311    | 392     | 517  | 700    |
| 7.5°    | 102     | 120  | 138     | 163    | 190     | 236  | 291     | 363    | 484     | 672  | 941    |
| 6.25°   | 108     | 126  | 146     | 174    | 204     | 261  | 318     | 419    | 588     | 852  | 1217   |
| 5°      | 113     | 131  | 154     | 182    | 224     | 283  | 357     | 490    | 712     | 1051 | 1502   |
| 3.75°   | 116     | 135  | 161     | 189    | 239     | 300  | 390     | 548    | 828     | 1245 | 1773   |
| 2.5°    | 119     | 138  | 165     | 194    | 251     | 312  | 416     | 612    | 936     | 1402 | 1980   |
| 1.25°   | 120     | 139  | 168     | 197    | 258     | 319  | 440     | 653    | 1002    | 1498 | 2115   |
| 0°      | 121     | 140  | 169     | 198    | 260     | 322  | 448     | 667    | 1024    | 1531 | 2162   |
| -1.25°  | 120     | 139  | 168     | 197    | 258     | 319  | 440     | 653    | 1002    | 1498 | 2115   |
| -2.5°   | 119     | 138  | 165     | 194    | 251     | 312  | 416     | 612    | 936     | 1402 | 1980   |
| -3.75°  | 116     | 135  | 161     | 189    | 239     | 300  | 390     | 548    | 828     | 1245 | 1773   |
| -5°     | 113     | 131  | 154     | 182    | 224     | 283  | 357     | 490    | 712     | 1051 | 1502   |
| -6.25°  | 108     | 126  | 146     | 174    | 204     | 261  | 318     | 419    | 588     | 852  | 1217   |
| -7.5°   | 102     | 120  | 138     | 163    | 190     | 236  | 291     | 363    | 484     | 672  | 941    |
| -8.75°  | 96      | 113  | 131     | 152    | 177     | 207  | 260     | 311    | 392     | 517  | 700    |
| -10°    | 89      | 106  | 122     | 139    | 163     | 187  | 226     | 274    | 322     | 402  | 517    |
| -11.25° | 82      | 97   | 113     | 129    | 147     | 171  | 193     | 235    | 279     | 322  | 392    |
| -12.5°  | 73      | 88   | 103     | 119    | 134     | 153  | 175     | 196    | 235     | 274  | 311    |
| -13.75° | 64      | 79   | 93      | 108    | 122     | 136  | 155     | 175    | 193     | 226  | 260    |
| -15°    | 57      | 69   | 83      | 96     | 110     | 123  | 136     | 153    | 171     | 187  | 207    |
| -16.25° | 49      | 60   | 71      | 85     | 97      | 110  | 122     | 134    | 147     | 163  | 177    |
| -17.5°  | 41      | 51   | 61      | 72     | 85      | 96   | 108     | 119    | 129     | 139  | 152    |
| -18.75° | 34      | 42   | 52      | 61     | 71      | 83   | 93      | 103    | 113     | 122  | 131    |
| -20°    | 29      | 35   | 42      | 51     | 60      | 69   | 79      | 88     | 97      | 106  | 113    |
| -21.25° | 23      | 29   | 34      | 41     | 49      | 57   | 64      | 73     | 82      | 89   | 96     |



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**CANDELA DISTRIBUTION (continued):**

|         | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -22.5°  | 19      | 23   | 28      | 33     | 38      | 46   | 53      | 59     | 66      | 73   | 80     |
| -23.75° | 16      | 19   | 22      | 26     | 31      | 36   | 41      | 47     | 53      | 59   | 64     |
| -25°    | 13      | 16   | 18      | 20     | 24      | 28   | 32      | 36     | 41      | 46   | 50     |
| -26.25° | 12      | 13   | 15      | 17     | 19      | 21   | 25      | 29     | 32      | 35   | 38     |
| -27.5°  | 10      | 11   | 12      | 14     | 16      | 18   | 19      | 21     | 24      | 27   | 29     |
| -28.75° | 9       | 10   | 11      | 12     | 13      | 14   | 16      | 17     | 19      | 20   | 21     |
| -30°    | 8       | 9    | 9       | 10     | 11      | 12   | 13      | 14     | 15      | 16   | 17     |
| -31.25° | 7       | 8    | 8       | 9      | 9       | 10   | 11      | 12     | 12      | 13   | 14     |
| -32.5°  | 6       | 7    | 7       | 8      | 8       | 9    | 9       | 10     | 10      | 11   | 11     |
| -33.75° | 6       | 6    | 7       | 7      | 7       | 8    | 8       | 8      | 9       | 9    | 9      |
| -35°    | 5       | 5    | 6       | 6      | 6       | 7    | 7       | 7      | 8       | 8    | 8      |
| -36.25° | 4       | 4    | 5       | 5      | 6       | 6    | 6       | 7      | 7       | 7    | 7      |
| -37.5°  | 3       | 4    | 4       | 4      | 5       | 5    | 5       | 6      | 6       | 6    | 6      |
| -38.75° | 3       | 3    | 3       | 3      | 4       | 4    | 4       | 5      | 5       | 5    | 5      |
| -40°    | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 4      | 4       | 4    | 4      |
| -41.25° | 3       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| -42.5°  | 2       | 3    | 3       | 3      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| -43.75° | 2       | 2    | 2       | 2      | 3       | 3    | 3       | 3      | 3       | 3    | 3      |
| -45°    | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 3       | 3    | 3      |
| -46.25° | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| -47.5°  | 2       | 2    | 2       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| -48.75° | 1       | 1    | 1       | 2      | 2       | 2    | 2       | 2      | 2       | 2    | 2      |
| -50°    | 1       | 1    | 1       | 1      | 1       | 1    | 1       | 2      | 2       | 2    | 2      |
| -51.25° | 0       | 0    | 1       | 1      | 1       | 1    | 1       | 1      | 1       | 1    | 1      |
| -52.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 1       | 1      | 1       | 1    | 1      |
| -53.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -55°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -56.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -57.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -58.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -60°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -61.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -62.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -63.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -65°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -66.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -67.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -68.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -70°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -71.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -72.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -73.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -75°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -76.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -77.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |



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**CANDELA DISTRIBUTION (continued):**

|         | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -78.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -80°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -81.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -82.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -83.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -85°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -86.25° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -87.5°  | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -88.75° | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |
| -90°    | 0       | 0    | 0       | 0      | 0       | 0    | 0       | 0      | 0       | 0    | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|--------|-------|--------|-----|--------|-------|--------|----|-------|------|-------|----|
| 90°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 88.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 87.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 86.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 85°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 83.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 82.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 81.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 80°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 78.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 77.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 76.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 75°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 73.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 72.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 71.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 70°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 68.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 67.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 66.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 65°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 63.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 62.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 61.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 60°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 58.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 57.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 56.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 55°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 53.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| 52.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1  | 1     | 1    | 1     | 1  |
| 51.25° | 1     | 1      | 1   | 1      | 1     | 1      | 2  | 1     | 1    | 1     | 1  |
| 50°    | 2     | 2      | 2   | 2      | 2     | 2      | 2  | 2     | 2    | 2     | 2  |
| 48.75° | 2     | 2      | 2   | 2      | 2     | 2      | 2  | 2     | 2    | 2     | 2  |
| 47.5°  | 2     | 2      | 2   | 2      | 2     | 2      | 2  | 2     | 2    | 2     | 2  |
| 46.25° | 2     | 2      | 2   | 2      | 2     | 2      | 3  | 2     | 2    | 2     | 2  |
| 45°    | 3     | 3      | 3   | 3      | 3     | 3      | 3  | 3     | 3    | 3     | 3  |
| 43.75° | 3     | 3      | 3   | 3      | 3     | 3      | 3  | 3     | 3    | 3     | 3  |
| 42.5°  | 3     | 3      | 3   | 3      | 3     | 3      | 3  | 3     | 3    | 3     | 3  |
| 41.25° | 4     | 4      | 4   | 4      | 4     | 4      | 4  | 4     | 4    | 4     | 4  |
| 40°    | 5     | 5      | 5   | 5      | 5     | 5      | 5  | 5     | 5    | 5     | 5  |
| 38.75° | 6     | 6      | 6   | 6      | 6     | 6      | 6  | 6     | 6    | 6     | 6  |
| 37.5°  | 6     | 7      | 7   | 7      | 7     | 7      | 7  | 7     | 7    | 7     | 7  |
| 36.25° | 7     | 8      | 8   | 8      | 8     | 8      | 8  | 8     | 8    | 8     | 8  |
| 35°    | 8     | 9      | 9   | 9      | 9     | 9      | 9  | 9     | 9    | 9     | 9  |



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**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5°  | -3.75° | -2.5° | -1.25° | 0°   | 1.25° | 2.5° | 3.75° | 5°   |
|---------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| 33.75°  | 10    | 10     | 10   | 11     | 11    | 11     | 11   | 11    | 11   | 11    | 10   |
| 32.5°   | 12    | 12     | 12   | 13     | 13    | 13     | 13   | 13    | 13   | 13    | 12   |
| 31.25°  | 14    | 15     | 16   | 16     | 17    | 17     | 17   | 17    | 17   | 16    | 16   |
| 30°     | 18    | 19     | 20   | 20     | 21    | 21     | 21   | 21    | 21   | 20    | 20   |
| 28.75°  | 24    | 25     | 27   | 28     | 29    | 29     | 30   | 29    | 29   | 28    | 27   |
| 27.5°   | 32    | 34     | 35   | 36     | 37    | 38     | 38   | 38    | 37   | 36    | 35   |
| 26.25°  | 41    | 44     | 47   | 49     | 51    | 52     | 52   | 52    | 51   | 49    | 47   |
| 25°     | 54    | 58     | 61   | 63     | 65    | 66     | 66   | 66    | 65   | 63    | 61   |
| 23.75°  | 68    | 73     | 77   | 80     | 82    | 84     | 84   | 84    | 82   | 80    | 77   |
| 22.5°   | 85    | 90     | 95   | 98     | 100   | 102    | 102  | 102   | 100  | 98    | 95   |
| 21.25°  | 102   | 108    | 113  | 116    | 119   | 120    | 121  | 120   | 119  | 116   | 113  |
| 20°     | 120   | 126    | 131  | 135    | 138   | 139    | 140  | 139   | 138  | 135   | 131  |
| 18.75°  | 138   | 146    | 154  | 161    | 165   | 168    | 169  | 168   | 165  | 161   | 154  |
| 17.5°   | 163   | 174    | 182  | 189    | 194   | 197    | 198  | 197   | 194  | 189   | 182  |
| 16.25°  | 190   | 204    | 224  | 239    | 251   | 258    | 260  | 258   | 251  | 239   | 224  |
| 15°     | 236   | 261    | 283  | 300    | 312   | 319    | 322  | 319   | 312  | 300   | 283  |
| 13.75°  | 291   | 318    | 357  | 390    | 416   | 440    | 448  | 440   | 416  | 390   | 357  |
| 12.5°   | 363   | 419    | 490  | 548    | 612   | 653    | 667  | 653   | 612  | 548   | 490  |
| 11.25°  | 484   | 588    | 712  | 828    | 936   | 1002   | 1024 | 1002  | 936  | 828   | 712  |
| 10°     | 672   | 852    | 1051 | 1245   | 1402  | 1498   | 1531 | 1498  | 1402 | 1245  | 1051 |
| 8.75°   | 941   | 1217   | 1502 | 1773   | 1980  | 2115   | 2162 | 2115  | 1980 | 1773  | 1502 |
| 7.5°    | 1280  | 1655   | 2025 | 2361   | 2618  | 2783   | 2839 | 2783  | 2618 | 2361  | 2025 |
| 6.25°   | 1655  | 2119   | 2566 | 2957   | 3258  | 3449   | 3515 | 3449  | 3258 | 2957  | 2566 |
| 5°      | 2025  | 2566   | 3077 | 3517   | 3863  | 4090   | 4170 | 4090  | 3863 | 3517  | 3077 |
| 3.75°   | 2361  | 2957   | 3517 | 4013   | 4427  | 4714   | 4813 | 4714  | 4427 | 4013  | 3517 |
| 2.5°    | 2618  | 3258   | 3863 | 4427   | 4917  | 5263   | 5386 | 5263  | 4917 | 4427  | 3863 |
| 1.25°   | 2783  | 3449   | 4090 | 4714   | 5263  | 5663   | 5816 | 5663  | 5263 | 4714  | 4090 |
| 0°      | 2839  | 3515   | 4170 | 4813   | 5386  | 5816   | 6028 | 5816  | 5386 | 4813  | 4170 |
| -1.25°  | 2783  | 3449   | 4090 | 4714   | 5263  | 5663   | 5816 | 5663  | 5263 | 4714  | 4090 |
| -2.5°   | 2618  | 3258   | 3863 | 4427   | 4917  | 5263   | 5386 | 5263  | 4917 | 4427  | 3863 |
| -3.75°  | 2361  | 2957   | 3517 | 4013   | 4427  | 4714   | 4813 | 4714  | 4427 | 4013  | 3517 |
| -5°     | 2025  | 2566   | 3077 | 3517   | 3863  | 4090   | 4170 | 4090  | 3863 | 3517  | 3077 |
| -6.25°  | 1655  | 2119   | 2566 | 2957   | 3258  | 3449   | 3515 | 3449  | 3258 | 2957  | 2566 |
| -7.5°   | 1280  | 1655   | 2025 | 2361   | 2618  | 2783   | 2839 | 2783  | 2618 | 2361  | 2025 |
| -8.75°  | 941   | 1217   | 1502 | 1773   | 1980  | 2115   | 2162 | 2115  | 1980 | 1773  | 1502 |
| -10°    | 672   | 852    | 1051 | 1245   | 1402  | 1498   | 1531 | 1498  | 1402 | 1245  | 1051 |
| -11.25° | 484   | 588    | 712  | 828    | 936   | 1002   | 1024 | 1002  | 936  | 828   | 712  |
| -12.5°  | 363   | 419    | 490  | 548    | 612   | 653    | 667  | 653   | 612  | 548   | 490  |
| -13.75° | 291   | 318    | 357  | 390    | 416   | 440    | 448  | 440   | 416  | 390   | 357  |
| -15°    | 236   | 261    | 283  | 300    | 312   | 319    | 322  | 319   | 312  | 300   | 283  |
| -16.25° | 190   | 204    | 224  | 239    | 251   | 258    | 260  | 258   | 251  | 239   | 224  |
| -17.5°  | 163   | 174    | 182  | 189    | 194   | 197    | 198  | 197   | 194  | 189   | 182  |
| -18.75° | 138   | 146    | 154  | 161    | 165   | 168    | 169  | 168   | 165  | 161   | 154  |
| -20°    | 120   | 126    | 131  | 135    | 138   | 139    | 140  | 139   | 138  | 135   | 131  |
| -21.25° | 102   | 108    | 113  | 116    | 119   | 120    | 121  | 120   | 119  | 116   | 113  |





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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0°  | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|-----|--------|-------|--------|-----|-------|------|-------|----|
| -22.5°  | 85    | 90     | 95  | 98     | 100   | 102    | 102 | 102   | 100  | 98    | 95 |
| -23.75° | 68    | 73     | 77  | 80     | 82    | 84     | 84  | 84    | 82   | 80    | 77 |
| -25°    | 54    | 58     | 61  | 63     | 65    | 66     | 66  | 66    | 65   | 63    | 61 |
| -26.25° | 41    | 44     | 47  | 49     | 51    | 52     | 52  | 52    | 51   | 49    | 47 |
| -27.5°  | 32    | 34     | 35  | 36     | 37    | 38     | 38  | 38    | 37   | 36    | 35 |
| -28.75° | 24    | 25     | 27  | 28     | 29    | 29     | 30  | 29    | 29   | 28    | 27 |
| -30°    | 18    | 19     | 20  | 20     | 21    | 21     | 21  | 21    | 21   | 20    | 20 |
| -31.25° | 14    | 15     | 16  | 16     | 17    | 17     | 17  | 17    | 17   | 16    | 16 |
| -32.5°  | 12    | 12     | 12  | 13     | 13    | 13     | 13  | 13    | 13   | 13    | 12 |
| -33.75° | 10    | 10     | 10  | 11     | 11    | 11     | 11  | 11    | 11   | 11    | 10 |
| -35°    | 8     | 9      | 9   | 9      | 9     | 9      | 9   | 9     | 9    | 9     | 9  |
| -36.25° | 7     | 8      | 8   | 8      | 8     | 8      | 8   | 8     | 8    | 8     | 8  |
| -37.5°  | 6     | 7      | 7   | 7      | 7     | 7      | 7   | 7     | 7    | 7     | 7  |
| -38.75° | 6     | 6      | 6   | 6      | 6     | 6      | 6   | 6     | 6    | 6     | 6  |
| -40°    | 5     | 5      | 5   | 5      | 5     | 5      | 5   | 5     | 5    | 5     | 5  |
| -41.25° | 4     | 4      | 4   | 4      | 4     | 4      | 4   | 4     | 4    | 4     | 4  |
| -42.5°  | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 3     | 3    | 3     | 3  |
| -43.75° | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 3     | 3    | 3     | 3  |
| -45°    | 3     | 3      | 3   | 3      | 3     | 3      | 3   | 3     | 3    | 3     | 3  |
| -46.25° | 2     | 2      | 2   | 2      | 2     | 2      | 3   | 2     | 2    | 2     | 2  |
| -47.5°  | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2     | 2    | 2     | 2  |
| -48.75° | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2     | 2    | 2     | 2  |
| -50°    | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2     | 2    | 2     | 2  |
| -51.25° | 1     | 1      | 1   | 1      | 1     | 1      | 2   | 1     | 1    | 1     | 1  |
| -52.5°  | 1     | 1      | 1   | 1      | 1     | 1      | 1   | 1     | 1    | 1     | 1  |
| -53.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -55°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -56.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -57.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -58.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -60°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -61.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -62.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -63.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -65°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -66.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -67.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -68.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -70°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -71.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -72.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -73.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -75°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -76.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |
| -77.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0     | 0    | 0     | 0  |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|-----|--------|-------|--------|----|-------|------|-------|----|
| -78.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -80°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -81.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -82.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -83.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -85°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -86.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -87.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -88.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |
| -90°    | 0     | 0      | 0   | 0      | 0     | 0      | 0  | 0     | 0    | 0     | 0  |



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**CANDELA DISTRIBUTION (continued):**

|        | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|--------|-------|------|-------|-----|--------|-------|--------|-----|--------|-------|--------|
| 90°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 88.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 87.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 86.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 85°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 83.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 82.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 81.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 80°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 78.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 77.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 76.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 75°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 73.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 72.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 71.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 70°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 68.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 67.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 66.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 65°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 63.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 62.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 61.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 60°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 58.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 57.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 56.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 55°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 53.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 52.5°  | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |
| 51.25° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| 50°    | 2     | 2    | 2     | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      |
| 48.75° | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 1      |
| 47.5°  | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| 46.25° | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| 45°    | 3     | 3    | 3     | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 2      |
| 43.75° | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 2     | 2      |
| 42.5°  | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| 41.25° | 4     | 4    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| 40°    | 5     | 5    | 4     | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 3      |
| 38.75° | 6     | 6    | 5     | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      |
| 37.5°  | 7     | 6    | 6     | 6   | 6      | 6     | 5      | 5   | 5      | 4     | 4      |
| 36.25° | 8     | 7    | 7     | 7   | 7      | 7     | 6      | 6   | 6      | 5     | 5      |
| 35°    | 9     | 8    | 8     | 8   | 8      | 7     | 7      | 7   | 6      | 6     | 6      |



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**CANDELA DISTRIBUTION (continued):**

|         | 6.25° | 7.5° | 8.75° | 10°  | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|------|--------|-------|--------|-----|--------|-------|--------|
| 33.75°  | 10    | 10   | 9     | 9    | 9      | 8     | 8      | 8   | 7      | 7     | 7      |
| 32.5°   | 12    | 12   | 11    | 11   | 10     | 10    | 9      | 9   | 8      | 8     | 7      |
| 31.25°  | 15    | 14   | 14    | 13   | 12     | 12    | 11     | 10  | 9      | 9     | 8      |
| 30°     | 19    | 18   | 17    | 16   | 15     | 14    | 13     | 12  | 11     | 10    | 9      |
| 28.75°  | 25    | 24   | 21    | 20   | 19     | 17    | 16     | 14  | 13     | 12    | 11     |
| 27.5°   | 34    | 32   | 29    | 27   | 24     | 21    | 19     | 18  | 16     | 14    | 12     |
| 26.25°  | 44    | 41   | 38    | 35   | 32     | 29    | 25     | 21  | 19     | 17    | 15     |
| 25°     | 58    | 54   | 50    | 46   | 41     | 36    | 32     | 28  | 24     | 20    | 18     |
| 23.75°  | 73    | 68   | 64    | 59   | 53     | 47    | 41     | 36  | 31     | 26    | 22     |
| 22.5°   | 90    | 85   | 80    | 73   | 66     | 59    | 53     | 46  | 38     | 33    | 28     |
| 21.25°  | 108   | 102  | 96    | 89   | 82     | 73    | 64     | 57  | 49     | 41    | 34     |
| 20°     | 126   | 120  | 113   | 106  | 97     | 88    | 79     | 69  | 60     | 51    | 42     |
| 18.75°  | 146   | 138  | 131   | 122  | 113    | 103   | 93     | 83  | 71     | 61    | 52     |
| 17.5°   | 174   | 163  | 152   | 139  | 129    | 119   | 108    | 96  | 85     | 72    | 61     |
| 16.25°  | 204   | 190  | 177   | 163  | 147    | 134   | 122    | 110 | 97     | 85    | 71     |
| 15°     | 261   | 236  | 207   | 187  | 171    | 153   | 136    | 123 | 110    | 96    | 83     |
| 13.75°  | 318   | 291  | 260   | 226  | 193    | 175   | 155    | 136 | 122    | 108   | 93     |
| 12.5°   | 419   | 363  | 311   | 274  | 235    | 196   | 175    | 153 | 134    | 119   | 103    |
| 11.25°  | 588   | 484  | 392   | 322  | 279    | 235   | 193    | 171 | 147    | 129   | 113    |
| 10°     | 852   | 672  | 517   | 402  | 322    | 274   | 226    | 187 | 163    | 139   | 122    |
| 8.75°   | 1217  | 941  | 700   | 517  | 392    | 311   | 260    | 207 | 177    | 152   | 131    |
| 7.5°    | 1655  | 1280 | 941   | 672  | 484    | 363   | 291    | 236 | 190    | 163   | 138    |
| 6.25°   | 2119  | 1655 | 1217  | 852  | 588    | 419   | 318    | 261 | 204    | 174   | 146    |
| 5°      | 2566  | 2025 | 1502  | 1051 | 712    | 490   | 357    | 283 | 224    | 182   | 154    |
| 3.75°   | 2957  | 2361 | 1773  | 1245 | 828    | 548   | 390    | 300 | 239    | 189   | 161    |
| 2.5°    | 3258  | 2618 | 1980  | 1402 | 936    | 612   | 416    | 312 | 251    | 194   | 165    |
| 1.25°   | 3449  | 2783 | 2115  | 1498 | 1002   | 653   | 440    | 319 | 258    | 197   | 168    |
| 0°      | 3515  | 2839 | 2162  | 1531 | 1024   | 667   | 448    | 322 | 260    | 198   | 169    |
| -1.25°  | 3449  | 2783 | 2115  | 1498 | 1002   | 653   | 440    | 319 | 258    | 197   | 168    |
| -2.5°   | 3258  | 2618 | 1980  | 1402 | 936    | 612   | 416    | 312 | 251    | 194   | 165    |
| -3.75°  | 2957  | 2361 | 1773  | 1245 | 828    | 548   | 390    | 300 | 239    | 189   | 161    |
| -5°     | 2566  | 2025 | 1502  | 1051 | 712    | 490   | 357    | 283 | 224    | 182   | 154    |
| -6.25°  | 2119  | 1655 | 1217  | 852  | 588    | 419   | 318    | 261 | 204    | 174   | 146    |
| -7.5°   | 1655  | 1280 | 941   | 672  | 484    | 363   | 291    | 236 | 190    | 163   | 138    |
| -8.75°  | 1217  | 941  | 700   | 517  | 392    | 311   | 260    | 207 | 177    | 152   | 131    |
| -10°    | 852   | 672  | 517   | 402  | 322    | 274   | 226    | 187 | 163    | 139   | 122    |
| -11.25° | 588   | 484  | 392   | 322  | 279    | 235   | 193    | 171 | 147    | 129   | 113    |
| -12.5°  | 419   | 363  | 311   | 274  | 235    | 196   | 175    | 153 | 134    | 119   | 103    |
| -13.75° | 318   | 291  | 260   | 226  | 193    | 175   | 155    | 136 | 122    | 108   | 93     |
| -15°    | 261   | 236  | 207   | 187  | 171    | 153   | 136    | 123 | 110    | 96    | 83     |
| -16.25° | 204   | 190  | 177   | 163  | 147    | 134   | 122    | 110 | 97     | 85    | 71     |
| -17.5°  | 174   | 163  | 152   | 139  | 129    | 119   | 108    | 96  | 85     | 72    | 61     |
| -18.75° | 146   | 138  | 131   | 122  | 113    | 103   | 93     | 83  | 71     | 61    | 52     |
| -20°    | 126   | 120  | 113   | 106  | 97     | 88    | 79     | 69  | 60     | 51    | 42     |
| -21.25° | 108   | 102  | 96    | 89   | 82     | 73    | 64     | 57  | 49     | 41    | 34     |



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**CANDELA DISTRIBUTION (continued):**

|         | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|-----|--------|-------|--------|-----|--------|-------|--------|
| -22.5°  | 90    | 85   | 80    | 73  | 66     | 59    | 53     | 46  | 38     | 33    | 28     |
| -23.75° | 73    | 68   | 64    | 59  | 53     | 47    | 41     | 36  | 31     | 26    | 22     |
| -25°    | 58    | 54   | 50    | 46  | 41     | 36    | 32     | 28  | 24     | 20    | 18     |
| -26.25° | 44    | 41   | 38    | 35  | 32     | 29    | 25     | 21  | 19     | 17    | 15     |
| -27.5°  | 34    | 32   | 29    | 27  | 24     | 21    | 19     | 18  | 16     | 14    | 12     |
| -28.75° | 25    | 24   | 21    | 20  | 19     | 17    | 16     | 14  | 13     | 12    | 11     |
| -30°    | 19    | 18   | 17    | 16  | 15     | 14    | 13     | 12  | 11     | 10    | 9      |
| -31.25° | 15    | 14   | 14    | 13  | 12     | 12    | 11     | 10  | 9      | 9     | 8      |
| -32.5°  | 12    | 12   | 11    | 11  | 10     | 10    | 9      | 9   | 8      | 8     | 7      |
| -33.75° | 10    | 10   | 9     | 9   | 9      | 8     | 8      | 8   | 7      | 7     | 7      |
| -35°    | 9     | 8    | 8     | 8   | 8      | 7     | 7      | 7   | 6      | 6     | 6      |
| -36.25° | 8     | 7    | 7     | 7   | 7      | 7     | 6      | 6   | 6      | 5     | 5      |
| -37.5°  | 7     | 6    | 6     | 6   | 6      | 6     | 5      | 5   | 5      | 4     | 4      |
| -38.75° | 6     | 6    | 5     | 5   | 5      | 5     | 4      | 4   | 4      | 3     | 3      |
| -40°    | 5     | 5    | 4     | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 3      |
| -41.25° | 4     | 4    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| -42.5°  | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 3      |
| -43.75° | 3     | 3    | 3     | 3   | 3      | 3     | 3      | 3   | 3      | 2     | 2      |
| -45°    | 3     | 3    | 3     | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 2      |
| -46.25° | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| -47.5°  | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      |
| -48.75° | 2     | 2    | 2     | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 1      |
| -50°    | 2     | 2    | 2     | 2   | 2      | 2     | 1      | 1   | 1      | 1     | 1      |
| -51.25° | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 1   | 1      | 1     | 1      |
| -52.5°  | 1     | 1    | 1     | 1   | 1      | 1     | 1      | 0   | 0      | 0     | 0      |
| -53.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -55°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -56.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -57.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -58.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -60°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -61.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -62.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -63.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -65°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -66.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -67.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -68.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -70°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -71.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -72.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -73.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -75°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -76.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -77.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



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**CANDELA DISTRIBUTION (continued):**

|         | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|-----|--------|-------|--------|-----|--------|-------|--------|
| -78.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -80°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -81.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -82.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -83.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -85°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -86.25° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -87.5°  | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -88.75° | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -90°    | 0     | 0    | 0     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 90°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 88.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 87.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 86.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 85°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 83.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 82.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 81.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 80°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 78.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 77.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 76.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 75°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 73.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 72.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 71.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 70°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 68.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 67.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 66.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 65°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 63.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 62.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 61.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 60°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 58.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 57.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 56.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 55°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 53.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 52.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 51.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 50°    | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 48.75° | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     |
| 47.5°  | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| 46.25° | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 1   | 0      | 0     |
| 45°    | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 1     |
| 43.75° | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 1   | 1      | 1     |
| 42.5°  | 3   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 1     |
| 41.25° | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     |
| 40°    | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      | 2     |
| 38.75° | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 2      | 2   | 2      | 2     |
| 37.5°  | 4   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 2   | 2      | 2     |
| 36.25° | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 3      | 3   | 2      | 2     |
| 35°    | 5   | 5      | 4     | 4      | 3   | 3      | 3     | 3      | 3   | 3      | 2     |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 33.75°  | 6   | 6      | 5     | 5      | 4   | 4      | 3     | 3      | 3   | 3      | 3     |
| 32.5°   | 7   | 6      | 6     | 5      | 5   | 4      | 4     | 3      | 3   | 3      | 3     |
| 31.25°  | 8   | 7      | 7     | 6      | 6   | 5      | 4     | 4      | 3   | 3      | 3     |
| 30°     | 9   | 8      | 8     | 7      | 6   | 6      | 5     | 5      | 4   | 3      | 3     |
| 28.75°  | 10  | 9      | 8     | 8      | 7   | 6      | 6     | 5      | 5   | 4      | 3     |
| 27.5°   | 11  | 10     | 9     | 8      | 8   | 7      | 7     | 6      | 5   | 4      | 4     |
| 26.25°  | 13  | 12     | 11    | 9      | 8   | 8      | 7     | 6      | 6   | 5      | 4     |
| 25°     | 16  | 13     | 12    | 11     | 9   | 8      | 8     | 7      | 6   | 6      | 5     |
| 23.75°  | 19  | 16     | 14    | 12     | 11  | 9      | 8     | 8      | 7   | 6      | 5     |
| 22.5°   | 23  | 19     | 17    | 14     | 12  | 11     | 9     | 8      | 8   | 7      | 6     |
| 21.25°  | 29  | 23     | 19    | 16     | 13  | 12     | 10    | 9      | 8   | 7      | 6     |
| 20°     | 35  | 29     | 23    | 19     | 16  | 13     | 11    | 10     | 9   | 8      | 7     |
| 18.75°  | 42  | 34     | 28    | 22     | 18  | 15     | 12    | 11     | 9   | 8      | 7     |
| 17.5°   | 51  | 41     | 33    | 26     | 20  | 17     | 14    | 12     | 10  | 9      | 8     |
| 16.25°  | 60  | 49     | 38    | 31     | 24  | 19     | 16    | 13     | 11  | 9      | 8     |
| 15°     | 69  | 57     | 46    | 36     | 28  | 21     | 18    | 14     | 12  | 10     | 9     |
| 13.75°  | 79  | 64     | 53    | 41     | 32  | 25     | 19    | 16     | 13  | 11     | 9     |
| 12.5°   | 88  | 73     | 59    | 47     | 36  | 29     | 21    | 17     | 14  | 12     | 10    |
| 11.25°  | 97  | 82     | 66    | 53     | 41  | 32     | 24    | 19     | 15  | 12     | 10    |
| 10°     | 106 | 89     | 73    | 59     | 46  | 35     | 27    | 20     | 16  | 13     | 11    |
| 8.75°   | 113 | 96     | 80    | 64     | 50  | 38     | 29    | 21     | 17  | 14     | 11    |
| 7.5°    | 120 | 102    | 85    | 68     | 54  | 41     | 32    | 24     | 18  | 14     | 12    |
| 6.25°   | 126 | 108    | 90    | 73     | 58  | 44     | 34    | 25     | 19  | 15     | 12    |
| 5°      | 131 | 113    | 95    | 77     | 61  | 47     | 35    | 27     | 20  | 16     | 12    |
| 3.75°   | 135 | 116    | 98    | 80     | 63  | 49     | 36    | 28     | 20  | 16     | 13    |
| 2.5°    | 138 | 119    | 100   | 82     | 65  | 51     | 37    | 29     | 21  | 17     | 13    |
| 1.25°   | 139 | 120    | 102   | 84     | 66  | 52     | 38    | 29     | 21  | 17     | 13    |
| 0°      | 140 | 121    | 102   | 84     | 66  | 52     | 38    | 30     | 21  | 17     | 13    |
| -1.25°  | 139 | 120    | 102   | 84     | 66  | 52     | 38    | 29     | 21  | 17     | 13    |
| -2.5°   | 138 | 119    | 100   | 82     | 65  | 51     | 37    | 29     | 21  | 17     | 13    |
| -3.75°  | 135 | 116    | 98    | 80     | 63  | 49     | 36    | 28     | 20  | 16     | 13    |
| -5°     | 131 | 113    | 95    | 77     | 61  | 47     | 35    | 27     | 20  | 16     | 12    |
| -6.25°  | 126 | 108    | 90    | 73     | 58  | 44     | 34    | 25     | 19  | 15     | 12    |
| -7.5°   | 120 | 102    | 85    | 68     | 54  | 41     | 32    | 24     | 18  | 14     | 12    |
| -8.75°  | 113 | 96     | 80    | 64     | 50  | 38     | 29    | 21     | 17  | 14     | 11    |
| -10°    | 106 | 89     | 73    | 59     | 46  | 35     | 27    | 20     | 16  | 13     | 11    |
| -11.25° | 97  | 82     | 66    | 53     | 41  | 32     | 24    | 19     | 15  | 12     | 10    |
| -12.5°  | 88  | 73     | 59    | 47     | 36  | 29     | 21    | 17     | 14  | 12     | 10    |
| -13.75° | 79  | 64     | 53    | 41     | 32  | 25     | 19    | 16     | 13  | 11     | 9     |
| -15°    | 69  | 57     | 46    | 36     | 28  | 21     | 18    | 14     | 12  | 10     | 9     |
| -16.25° | 60  | 49     | 38    | 31     | 24  | 19     | 16    | 13     | 11  | 9      | 8     |
| -17.5°  | 51  | 41     | 33    | 26     | 20  | 17     | 14    | 12     | 10  | 9      | 8     |
| -18.75° | 42  | 34     | 28    | 22     | 18  | 15     | 12    | 11     | 9   | 8      | 7     |
| -20°    | 35  | 29     | 23    | 19     | 16  | 13     | 11    | 10     | 9   | 8      | 7     |
| -21.25° | 29  | 23     | 19    | 16     | 13  | 12     | 10    | 9      | 8   | 7      | 6     |





REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -22.5°  | 23  | 19     | 17    | 14     | 12  | 11     | 9     | 8      | 8   | 7      | 6     |
| -23.75° | 19  | 16     | 14    | 12     | 11  | 9      | 8     | 8      | 7   | 6      | 5     |
| -25°    | 16  | 13     | 12    | 11     | 9   | 8      | 8     | 7      | 6   | 6      | 5     |
| -26.25° | 13  | 12     | 11    | 9      | 8   | 8      | 7     | 6      | 6   | 5      | 4     |
| -27.5°  | 11  | 10     | 9     | 8      | 8   | 7      | 7     | 6      | 5   | 4      | 4     |
| -28.75° | 10  | 9      | 8     | 8      | 7   | 6      | 6     | 5      | 5   | 4      | 3     |
| -30°    | 9   | 8      | 8     | 7      | 6   | 6      | 5     | 5      | 4   | 3      | 3     |
| -31.25° | 8   | 7      | 7     | 6      | 6   | 5      | 4     | 4      | 3   | 3      | 3     |
| -32.5°  | 7   | 6      | 6     | 5      | 5   | 4      | 4     | 3      | 3   | 3      | 3     |
| -33.75° | 6   | 6      | 5     | 5      | 4   | 4      | 3     | 3      | 3   | 3      | 3     |
| -35°    | 5   | 5      | 4     | 4      | 3   | 3      | 3     | 3      | 3   | 3      | 2     |
| -36.25° | 4   | 4      | 4     | 3      | 3   | 3      | 3     | 3      | 3   | 2      | 2     |
| -37.5°  | 4   | 3      | 3     | 3      | 3   | 3      | 3     | 3      | 2   | 2      | 2     |
| -38.75° | 3   | 3      | 3     | 3      | 3   | 3      | 3     | 2      | 2   | 2      | 2     |
| -40°    | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      | 2     |
| -41.25° | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 2     |
| -42.5°  | 3   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 2   | 2      | 1     |
| -43.75° | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 2      | 1   | 1      | 1     |
| -45°    | 2   | 2      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 1     |
| -46.25° | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 1   | 0      | 0     |
| -47.5°  | 2   | 2      | 1     | 1      | 1   | 1      | 1     | 1      | 0   | 0      | 0     |
| -48.75° | 1   | 1      | 1     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     |
| -50°    | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -51.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -52.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -53.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -55°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -56.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -57.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -58.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -60°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -61.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -62.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -63.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -65°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -66.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -67.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -68.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -70°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -71.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -72.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -73.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -75°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -76.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -77.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -78.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -80°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -81.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -82.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -83.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -85°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -86.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -87.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -88.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -90°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|--------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| 90°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 88.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 87.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 86.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 85°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 83.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 82.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 81.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 80°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 78.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 77.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 76.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 75°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 73.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 72.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 71.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 70°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 68.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 67.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 66.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 65°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 63.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 62.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 61.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 60°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 58.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 57.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 56.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 55°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 53.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 52.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 51.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 50°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 48.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 47.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 46.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 45°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 43.75° | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 42.5°  | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 41.25° | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| 40°    | 2      | 2   | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      |
| 38.75° | 2      | 2   | 2      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      |
| 37.5°  | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 0     | 0      | 0   | 0      |
| 36.25° | 2      | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 0      | 0   | 0      |
| 35°    | 2      | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 0   | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| 33.75°  | 2      | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 0   | 0      |
| 32.5°   | 3      | 2   | 2      | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 0      |
| 31.25°  | 3      | 3   | 2      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 0      |
| 30°     | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      |
| 28.75°  | 3      | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 2      | 1   | 1      |
| 27.5°   | 3      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 1      |
| 26.25°  | 4      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 1      |
| 25°     | 4      | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      |
| 23.75°  | 5      | 4   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      |
| 22.5°   | 5      | 4   | 4      | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      |
| 21.25°  | 6      | 5   | 4      | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      |
| 20°     | 6      | 5   | 4      | 4     | 3      | 3   | 3      | 3     | 2      | 2   | 2      |
| 18.75°  | 7      | 6   | 5      | 4     | 3      | 3   | 3      | 3     | 2      | 2   | 2      |
| 17.5°   | 7      | 6   | 5      | 4     | 3      | 3   | 3      | 3     | 2      | 2   | 2      |
| 16.25°  | 7      | 6   | 6      | 5     | 4      | 3   | 3      | 3     | 3      | 2   | 2      |
| 15°     | 8      | 7   | 6      | 5     | 4      | 3   | 3      | 3     | 3      | 2   | 2      |
| 13.75°  | 8      | 7   | 6      | 5     | 4      | 3   | 3      | 3     | 3      | 2   | 2      |
| 12.5°   | 8      | 7   | 7      | 6     | 5      | 4   | 3      | 3     | 3      | 2   | 2      |
| 11.25°  | 9      | 8   | 7      | 6     | 5      | 4   | 3      | 3     | 3      | 3   | 2      |
| 10°     | 9      | 8   | 7      | 6     | 5      | 4   | 3      | 3     | 3      | 3   | 2      |
| 8.75°   | 9      | 8   | 7      | 6     | 5      | 4   | 3      | 3     | 3      | 3   | 2      |
| 7.5°    | 10     | 8   | 7      | 6     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| 6.25°   | 10     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| 5°      | 10     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| 3.75°   | 11     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| 2.5°    | 11     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| 1.25°   | 11     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| 0°      | 11     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 3      |
| -1.25°  | 11     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| -2.5°   | 11     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| -3.75°  | 11     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| -5°     | 10     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| -6.25°  | 10     | 9   | 8      | 7     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| -7.5°   | 10     | 8   | 7      | 6     | 6      | 5   | 4      | 3     | 3      | 3   | 2      |
| -8.75°  | 9      | 8   | 7      | 6     | 5      | 4   | 3      | 3     | 3      | 3   | 2      |
| -10°    | 9      | 8   | 7      | 6     | 5      | 4   | 3      | 3     | 3      | 3   | 2      |
| -11.25° | 9      | 8   | 7      | 6     | 5      | 4   | 3      | 3     | 3      | 3   | 2      |
| -12.5°  | 8      | 7   | 7      | 6     | 5      | 4   | 3      | 3     | 3      | 2   | 2      |
| -13.75° | 8      | 7   | 6      | 5     | 4      | 3   | 3      | 3     | 3      | 2   | 2      |
| -15°    | 8      | 7   | 6      | 5     | 4      | 3   | 3      | 3     | 3      | 2   | 2      |
| -16.25° | 7      | 6   | 6      | 5     | 4      | 3   | 3      | 3     | 3      | 2   | 2      |
| -17.5°  | 7      | 6   | 5      | 4     | 3      | 3   | 3      | 3     | 2      | 2   | 2      |
| -18.75° | 7      | 6   | 5      | 4     | 3      | 3   | 3      | 3     | 2      | 2   | 2      |
| -20°    | 6      | 5   | 4      | 4     | 3      | 3   | 3      | 3     | 2      | 2   | 2      |
| -21.25° | 6      | 5   | 4      | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| -22.5°  | 5      | 4   | 4      | 3     | 3      | 3   | 3      | 2     | 2      | 2   | 2      |
| -23.75° | 5      | 4   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      |
| -25°    | 4      | 3   | 3      | 3     | 3      | 3   | 2      | 2     | 2      | 2   | 2      |
| -26.25° | 4      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 1      |
| -27.5°  | 3      | 3   | 3      | 3     | 3      | 2   | 2      | 2     | 2      | 2   | 1      |
| -28.75° | 3      | 3   | 3      | 3     | 2      | 2   | 2      | 2     | 2      | 1   | 1      |
| -30°    | 3      | 3   | 3      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 1      |
| -31.25° | 3      | 3   | 2      | 2     | 2      | 2   | 2      | 2     | 1      | 1   | 0      |
| -32.5°  | 3      | 2   | 2      | 2     | 2      | 2   | 2      | 1     | 1      | 1   | 0      |
| -33.75° | 2      | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 0   | 0      |
| -35°    | 2      | 2   | 2      | 2     | 2      | 2   | 1      | 1     | 1      | 0   | 0      |
| -36.25° | 2      | 2   | 2      | 2     | 2      | 1   | 1      | 1     | 0      | 0   | 0      |
| -37.5°  | 2      | 2   | 2      | 2     | 1      | 1   | 1      | 0     | 0      | 0   | 0      |
| -38.75° | 2      | 2   | 2      | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      |
| -40°    | 2      | 2   | 1      | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      |
| -41.25° | 1      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -42.5°  | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -43.75° | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -45°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -46.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -47.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -48.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -50°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -51.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -52.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -53.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -55°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -56.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -57.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -58.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -60°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -61.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -62.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -63.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -65°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -66.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -67.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -68.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -70°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -71.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -72.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -73.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -75°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -76.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -77.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| -78.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -80°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -81.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -82.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -83.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -85°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -86.25° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -87.5°  | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -88.75° | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |
| -90°    | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| 90°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 88.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 87.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 86.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 85°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 83.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 82.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 81.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 80°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 78.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 77.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 76.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 75°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 73.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 72.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 71.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 70°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 68.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 67.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 66.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 65°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 63.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 62.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 61.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 60°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 58.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 57.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 56.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 55°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 53.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 52.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 51.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 50°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 48.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 47.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 46.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 45°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 43.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 42.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 41.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 40°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 38.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 37.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 36.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 35°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| 33.75°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 32.5°   | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 31.25°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 30°     | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 28.75°  | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 27.5°   | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 26.25°  | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 25°     | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 23.75°  | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 22.5°   | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 21.25°  | 2     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 20°     | 2     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 18.75°  | 2     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 17.5°   | 2     | 2      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 16.25°  | 2     | 2      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 15°     | 2     | 2      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| 13.75°  | 2     | 2      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 12.5°   | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 11.25°  | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 10°     | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 8.75°   | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 7.5°    | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 6.25°   | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 5°      | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 3.75°   | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 2.5°    | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 1.25°   | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| 0°      | 2     | 2      | 2   | 2      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -1.25°  | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -2.5°   | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -3.75°  | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -5°     | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -6.25°  | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -7.5°   | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -8.75°  | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -10°    | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -11.25° | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -12.5°  | 2     | 2      | 2   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -13.75° | 2     | 2      | 1   | 1      | 1     | 0      | 0   | 0      | 0     | 0      | 0   |
| -15°    | 2     | 2      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -16.25° | 2     | 2      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -17.5°  | 2     | 2      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -18.75° | 2     | 1      | 1   | 1      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -20°    | 2     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -21.25° | 2     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |





REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -22.5°  | 1     | 1      | 1   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -23.75° | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -25°    | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -26.25° | 1     | 1      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -27.5°  | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -28.75° | 1     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -30°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -31.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -32.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -33.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -35°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -36.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -37.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -38.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -40°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -41.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -42.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -43.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -45°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -46.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -47.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -48.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -50°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -51.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -52.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -53.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -55°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -56.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -57.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -58.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -60°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -61.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -62.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -63.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -65°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -66.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -67.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -68.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -70°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -71.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -72.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -73.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -75°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -76.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -77.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -78.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -80°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -81.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -82.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -83.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -85°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -86.25° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -87.5°  | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -88.75° | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |
| -90°    | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|--------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| 90°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 88.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 87.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 86.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 85°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 83.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 82.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 81.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 80°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 78.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 77.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 76.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 75°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 73.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 72.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 71.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 70°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 68.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 67.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 66.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 65°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 63.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 62.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 61.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 60°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 58.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 57.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 56.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 55°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 53.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 52.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 51.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 50°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 48.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 47.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 46.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 45°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 43.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 42.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 41.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 40°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 38.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 37.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 36.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 35°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| 33.75°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 32.5°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 31.25°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 30°     | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 28.75°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 27.5°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 26.25°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 25°     | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 23.75°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 22.5°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 21.25°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 20°     | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 18.75°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 17.5°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 16.25°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 15°     | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 13.75°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 12.5°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 11.25°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 10°     | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 8.75°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 7.5°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 6.25°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 5°      | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 3.75°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 2.5°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 1.25°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| 0°      | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -1.25°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -2.5°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -3.75°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -5°     | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -6.25°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -7.5°   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -8.75°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -10°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -11.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -12.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -13.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -15°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -16.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -17.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -18.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -20°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -21.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| -22.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -23.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -25°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -26.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -27.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -28.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -30°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -31.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -32.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -33.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -35°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -36.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -37.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -38.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -40°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -41.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -42.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -43.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -45°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -46.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -47.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -48.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -50°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -51.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -52.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -53.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -55°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -56.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -57.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -58.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -60°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -61.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -62.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -63.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -65°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -66.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -67.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -68.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -70°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -71.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -72.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -73.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -75°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -76.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -77.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| -78.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -80°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -81.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -82.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -83.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -85°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -86.25° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -87.5°  | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -88.75° | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |
| -90°    | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 90°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 88.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 87.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 86.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 85°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 83.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 82.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 81.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 80°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 78.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 77.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 76.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 75°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 73.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 72.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 71.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 70°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 68.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 67.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 66.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 65°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 63.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 62.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 61.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 60°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 58.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 57.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 56.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 55°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 53.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 52.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 51.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 50°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 48.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 47.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 46.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 45°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 43.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 42.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 41.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 40°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 38.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 37.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 36.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 35°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 33.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 32.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 31.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 30°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 28.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 27.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 26.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 25°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 23.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 22.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 21.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 20°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 18.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 17.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 16.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 15°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 13.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 12.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 11.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 10°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 8.75°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 7.5°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 6.25°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 5°      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 3.75°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 2.5°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 1.25°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| 0°      | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -1.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -2.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -3.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -5°     | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -6.25°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -7.5°   | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -8.75°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -10°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -11.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -12.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -13.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -15°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -16.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -17.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -18.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -20°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -21.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |





REPORT NUMBER: P29413 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED4080-S-BK-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -22.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -23.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -25°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -26.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -27.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -28.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -30°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -31.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -32.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -33.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -35°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -36.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -37.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -38.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -40°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -41.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -42.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -43.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -45°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -46.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -47.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -48.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -50°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -51.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -52.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -53.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -55°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -56.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -57.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -58.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -60°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -61.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -62.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -63.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -65°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -66.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -67.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -68.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -70°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -71.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -72.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -73.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -75°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -76.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -77.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



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**CANDELA DISTRIBUTION (continued):**

|         | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -78.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -80°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -81.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -82.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -83.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -85°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -86.25° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -87.5°  | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -88.75° | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |
| -90°    | 0   | 0      | 0     | 0      | 0   | 0      | 0     | 0      | 0   | 0      | 0     |



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**CANDELA DISTRIBUTION (continued):**

|        | 88.75° | 90° |
|--------|--------|-----|
| 90°    | 0      | 0   |
| 88.75° | 0      | 0   |
| 87.5°  | 0      | 0   |
| 86.25° | 0      | 0   |
| 85°    | 0      | 0   |
| 83.75° | 0      | 0   |
| 82.5°  | 0      | 0   |
| 81.25° | 0      | 0   |
| 80°    | 0      | 0   |
| 78.75° | 0      | 0   |
| 77.5°  | 0      | 0   |
| 76.25° | 0      | 0   |
| 75°    | 0      | 0   |
| 73.75° | 0      | 0   |
| 72.5°  | 0      | 0   |
| 71.25° | 0      | 0   |
| 70°    | 0      | 0   |
| 68.75° | 0      | 0   |
| 67.5°  | 0      | 0   |
| 66.25° | 0      | 0   |
| 65°    | 0      | 0   |
| 63.75° | 0      | 0   |
| 62.5°  | 0      | 0   |
| 61.25° | 0      | 0   |
| 60°    | 0      | 0   |
| 58.75° | 0      | 0   |
| 57.5°  | 0      | 0   |
| 56.25° | 0      | 0   |
| 55°    | 0      | 0   |
| 53.75° | 0      | 0   |
| 52.5°  | 0      | 0   |
| 51.25° | 0      | 0   |
| 50°    | 0      | 0   |
| 48.75° | 0      | 0   |
| 47.5°  | 0      | 0   |
| 46.25° | 0      | 0   |
| 45°    | 0      | 0   |
| 43.75° | 0      | 0   |
| 42.5°  | 0      | 0   |
| 41.25° | 0      | 0   |
| 40°    | 0      | 0   |
| 38.75° | 0      | 0   |
| 37.5°  | 0      | 0   |
| 36.25° | 0      | 0   |
| 35°    | 0      | 0   |



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**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| 33.75°  | 0      | 0   |
| 32.5°   | 0      | 0   |
| 31.25°  | 0      | 0   |
| 30°     | 0      | 0   |
| 28.75°  | 0      | 0   |
| 27.5°   | 0      | 0   |
| 26.25°  | 0      | 0   |
| 25°     | 0      | 0   |
| 23.75°  | 0      | 0   |
| 22.5°   | 0      | 0   |
| 21.25°  | 0      | 0   |
| 20°     | 0      | 0   |
| 18.75°  | 0      | 0   |
| 17.5°   | 0      | 0   |
| 16.25°  | 0      | 0   |
| 15°     | 0      | 0   |
| 13.75°  | 0      | 0   |
| 12.5°   | 0      | 0   |
| 11.25°  | 0      | 0   |
| 10°     | 0      | 0   |
| 8.75°   | 0      | 0   |
| 7.5°    | 0      | 0   |
| 6.25°   | 0      | 0   |
| 5°      | 0      | 0   |
| 3.75°   | 0      | 0   |
| 2.5°    | 0      | 0   |
| 1.25°   | 0      | 0   |
| 0°      | 0      | 0   |
| -1.25°  | 0      | 0   |
| -2.5°   | 0      | 0   |
| -3.75°  | 0      | 0   |
| -5°     | 0      | 0   |
| -6.25°  | 0      | 0   |
| -7.5°   | 0      | 0   |
| -8.75°  | 0      | 0   |
| -10°    | 0      | 0   |
| -11.25° | 0      | 0   |
| -12.5°  | 0      | 0   |
| -13.75° | 0      | 0   |
| -15°    | 0      | 0   |
| -16.25° | 0      | 0   |
| -17.5°  | 0      | 0   |
| -18.75° | 0      | 0   |
| -20°    | 0      | 0   |
| -21.25° | 0      | 0   |



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**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| -22.5°  | 0      | 0   |
| -23.75° | 0      | 0   |
| -25°    | 0      | 0   |
| -26.25° | 0      | 0   |
| -27.5°  | 0      | 0   |
| -28.75° | 0      | 0   |
| -30°    | 0      | 0   |
| -31.25° | 0      | 0   |
| -32.5°  | 0      | 0   |
| -33.75° | 0      | 0   |
| -35°    | 0      | 0   |
| -36.25° | 0      | 0   |
| -37.5°  | 0      | 0   |
| -38.75° | 0      | 0   |
| -40°    | 0      | 0   |
| -41.25° | 0      | 0   |
| -42.5°  | 0      | 0   |
| -43.75° | 0      | 0   |
| -45°    | 0      | 0   |
| -46.25° | 0      | 0   |
| -47.5°  | 0      | 0   |
| -48.75° | 0      | 0   |
| -50°    | 0      | 0   |
| -51.25° | 0      | 0   |
| -52.5°  | 0      | 0   |
| -53.75° | 0      | 0   |
| -55°    | 0      | 0   |
| -56.25° | 0      | 0   |
| -57.5°  | 0      | 0   |
| -58.75° | 0      | 0   |
| -60°    | 0      | 0   |
| -61.25° | 0      | 0   |
| -62.5°  | 0      | 0   |
| -63.75° | 0      | 0   |
| -65°    | 0      | 0   |
| -66.25° | 0      | 0   |
| -67.5°  | 0      | 0   |
| -68.75° | 0      | 0   |
| -70°    | 0      | 0   |
| -71.25° | 0      | 0   |
| -72.5°  | 0      | 0   |
| -73.75° | 0      | 0   |
| -75°    | 0      | 0   |
| -76.25° | 0      | 0   |
| -77.5°  | 0      | 0   |



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**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| -78.75° | 0      | 0   |
| -80°    | 0      | 0   |
| -81.25° | 0      | 0   |
| -82.5°  | 0      | 0   |
| -83.75° | 0      | 0   |
| -85°    | 0      | 0   |
| -86.25° | 0      | 0   |
| -87.5°  | 0      | 0   |
| -88.75° | 0      | 0   |
| -90°    | 0      | 0   |

(END OF REPORT)