

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: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV**

Issue Date: 3/3/2020

**Test Information**

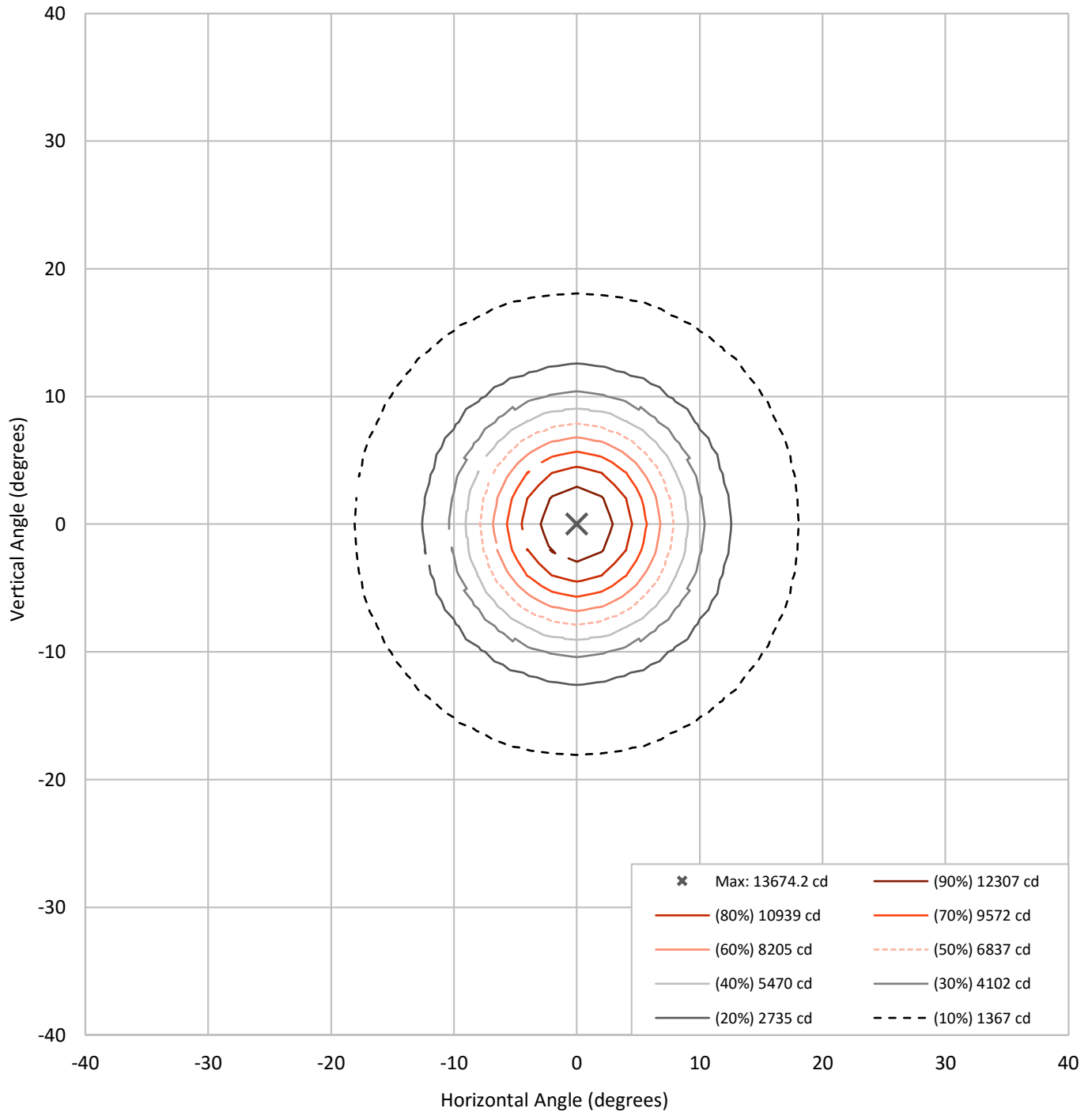
Test Method: LM-79-08  
Report Number: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29468)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT  
OPTIC, WHITE HOUSING.  
Light Source: (1) 5000K CCT, 80 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                               |                      |                 |
|-----------------------------------|-------------------------------|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                           | NEMA Type:           | 3H x 3V         |
| Luminaire Lumens:                 | 1865 lumens                   | Max Intensity:       | 13674.2 candela |
| Efficiency:                       | N/A                           | Max Intensity Angle: | 0°H x 0°V       |
| Efficacy:                         | 92.8 lumens/watt              |                      |                 |
| Luminous Opening:                 | Circular (Dia: 0.25' x H: 0') |                      |                 |
| Beam Angle (50%):                 | 15.8°H x 15.8°V               | Field Angle (10%):   | 36.1°H x 36.1°V |
| Beam Lumens:                      | 569.1 lumens                  | Field Lumens:        | 1255.7 lumens   |
| Beam Efficiency:                  | 30.5%                         | Field Efficiency:    | 67.3%           |
| Input Watts (W):                  | 20.1                          |                      |                 |
| Input Voltage (V):                | 120                           |                      |                 |
| Input Current (Ain):              | NR                            |                      |                 |
| Voltage Rise (V):                 | NR                            |                      |                 |
| Power Factor:                     | NR                            |                      |                 |
| Total Harmonic Distortion (THDi): | NR                            |                      |                 |
| Frequency (hertz):                | 60                            |                      |                 |
| Stabilization Time:               | NR                            |                      |                 |
| Operation Time:                   | NR                            |                      |                 |
| Ambient Temperature (°C):         | NR                            |                      |                 |
| Test Distance:                    | 25 FT                         |                      |                 |

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### Iso-Candela Plot





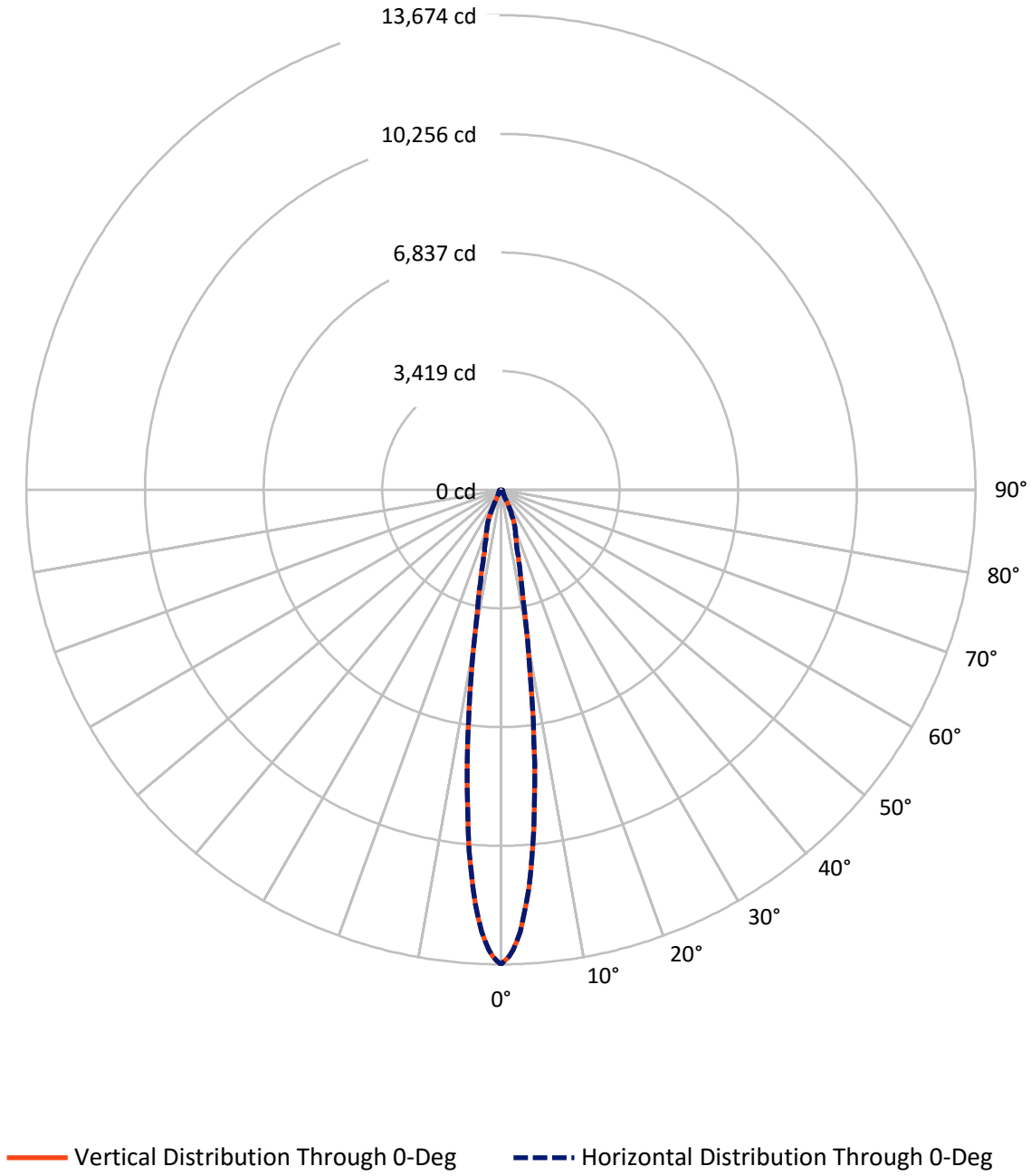
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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

### Lumen Table

|     |     |     |     |     |     |      |      |       |       |      |      |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|------|------|-------|-------|------|------|-----|-----|-----|-----|-----|
| 90  | 0.1 | 0.5 |     | 1.1 |     | 1.6  |      | 1.9   |       | 1.6  |      | 1.1 |     | 0.5 |     | 0.1 |
| 80  | 0.1 | 0.5 |     | 1.1 |     | 1.6  |      | 1.9   |       | 1.6  |      | 1.1 |     | 0.5 |     | 0.1 |
| 70  | 0.2 | 0.2 | 0.4 | 0.6 | 0.8 | 1.1  | 1.3  | 1.4   | 1.4   | 1.3  | 1.1  | 0.8 | 0.6 | 0.4 | 0.2 | 0.2 |
| 60  |     | 0.3 | 0.5 | 1.0 | 1.4 | 1.8  | 2.0  | 2.1   | 2.1   | 2.0  | 1.8  | 1.4 | 1.0 | 0.5 | 0.3 |     |
| 50  | 0.3 | 0.3 | 0.8 | 1.3 | 1.7 | 1.9  | 2.1  | 2.3   | 2.3   | 2.1  | 1.9  | 1.7 | 1.3 | 0.8 | 0.3 | 0.3 |
| 40  |     | 0.4 | 1.0 | 1.5 | 1.8 | 2.2  | 2.5  | 2.9   | 2.9   | 2.5  | 2.2  | 1.8 | 1.5 | 1.0 | 0.4 |     |
| 30  | 0.4 | 0.5 | 1.1 | 1.5 | 2.0 | 2.7  | 6.9  | 15.9  | 15.9  | 6.9  | 2.7  | 2.0 | 1.5 | 1.1 | 0.5 | 0.4 |
| 20  |     | 0.6 | 1.2 | 1.6 | 2.2 | 6.5  | 30.4 | 56.3  | 56.3  | 30.4 | 6.5  | 2.2 | 1.6 | 1.2 | 0.6 |     |
| 10  | 0.4 | 0.6 | 1.2 | 1.6 | 2.4 | 14.6 | 54.8 | 218.8 | 218.8 | 54.8 | 14.6 | 2.4 | 1.6 | 1.2 | 0.6 | 0.4 |
| 0   |     | 0.6 | 1.2 | 1.6 | 2.4 | 14.6 | 54.8 | 218.8 | 218.8 | 54.8 | 14.6 | 2.4 | 1.6 | 1.2 | 0.6 |     |
| -10 | 0.4 | 0.6 | 1.2 | 1.6 | 2.2 | 6.5  | 30.4 | 56.3  | 56.3  | 30.4 | 6.5  | 2.2 | 1.6 | 1.2 | 0.6 | 0.4 |
| -20 |     | 0.5 | 1.1 | 1.5 | 2.0 | 2.7  | 6.9  | 15.9  | 15.9  | 6.9  | 2.7  | 2.0 | 1.5 | 1.1 | 0.5 |     |
| -30 | 0.3 | 0.4 | 1.0 | 1.5 | 1.8 | 2.2  | 2.5  | 2.9   | 2.9   | 2.5  | 2.2  | 1.8 | 1.5 | 1.0 | 0.4 | 0.3 |
| -40 |     | 0.3 | 0.8 | 1.3 | 1.7 | 1.9  | 2.1  | 2.3   | 2.3   | 2.1  | 1.9  | 1.7 | 1.3 | 0.8 | 0.3 |     |
| -50 | 0.2 | 0.3 | 0.5 | 1.0 | 1.4 | 1.8  | 2.0  | 2.1   | 2.1   | 2.0  | 1.8  | 1.4 | 1.0 | 0.5 | 0.3 | 0.2 |
| -60 |     | 0.2 | 0.4 | 0.6 | 0.8 | 1.1  | 1.3  | 1.4   | 1.4   | 1.3  | 1.1  | 0.8 | 0.6 | 0.4 | 0.2 |     |
| -70 | 0.1 | 0.5 |     | 1.1 |     | 1.6  |      | 1.9   |       | 1.6  |      | 1.1 |     | 0.5 |     | 0.1 |
| -80 |     | 0.5 |     | 1.1 |     | 1.6  |      | 1.9   |       | 1.6  |      | 1.1 |     | 0.5 |     |     |
| -90 | 0.1 | 0.5 |     | 1.1 |     | 1.6  |      | 1.9   |       | 1.6  |      | 1.1 |     | 0.5 |     | 0.1 |

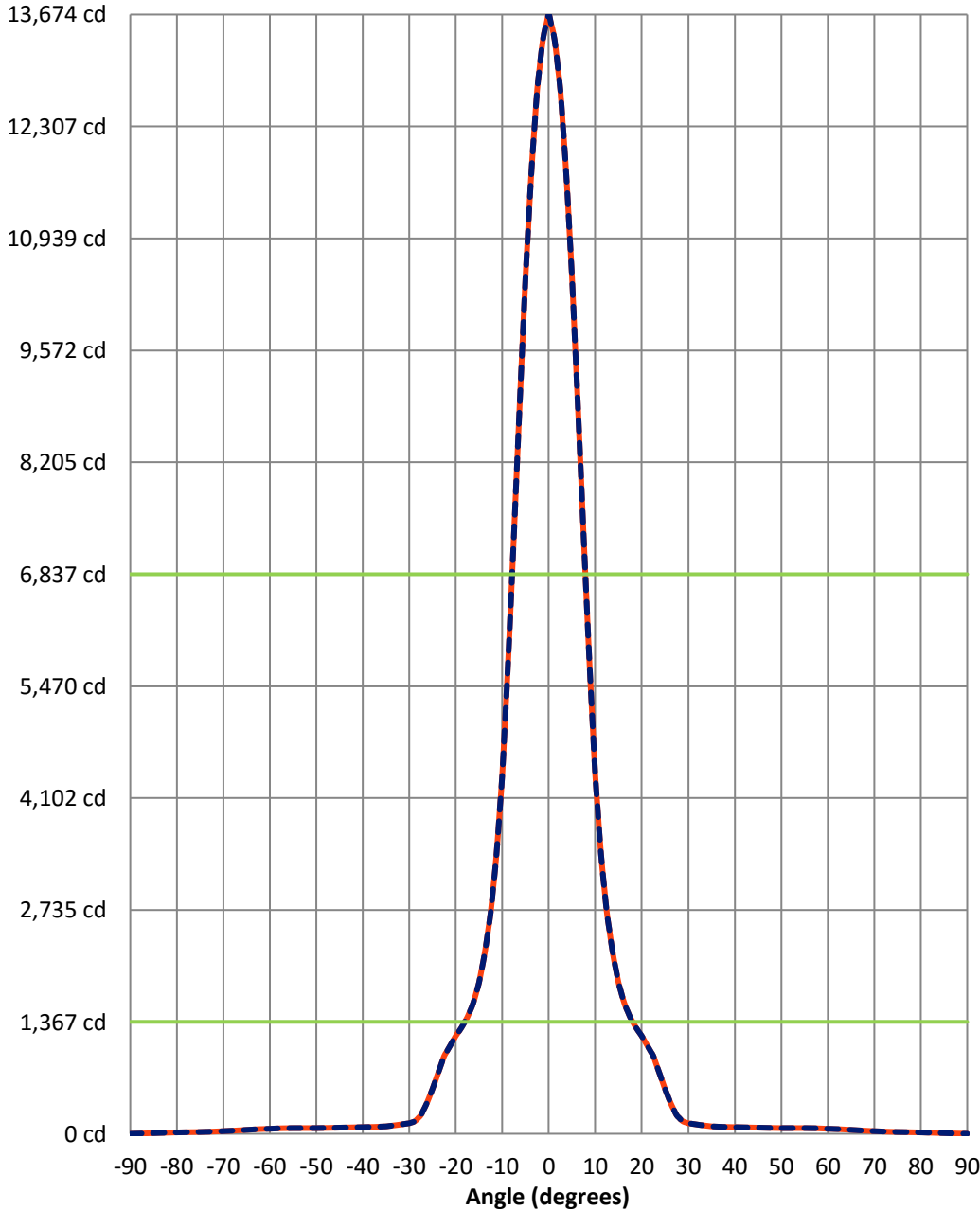
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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 15.8°  
 V Angle: 15.8°  
 Lumens: 569.1  
 Efficiency: 30.5%

**Field:**  
 H Angle: 36.1°  
 V Angle: 36.1°  
 Lumens: 1255.7  
 Efficiency: 67.3%

**Spill:**  
 Lumens: 609.4  
 Efficiency: 32.7%

— 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  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    |
| 88.75° | 0.0  | 0.0     | 0.1    | 0.1     | 0.1  | 0.2     | 0.2    | 0.2     | 0.3  | 0.3     | 0.3    |
| 87.5°  | 0.0  | 0.1     | 0.1    | 0.2     | 0.3  | 0.3     | 0.4    | 0.5     | 0.5  | 0.6     | 0.7    |
| 86.25° | 0.0  | 0.1     | 0.2    | 0.3     | 0.4  | 0.5     | 0.6    | 0.7     | 0.8  | 0.9     | 1.0    |
| 85°    | 0.0  | 0.1     | 0.3    | 0.4     | 0.5  | 0.7     | 0.8    | 0.9     | 1.1  | 1.2     | 1.3    |
| 83.75° | 0.0  | 0.2     | 0.3    | 0.5     | 0.7  | 0.8     | 1.0    | 1.2     | 1.3  | 1.5     | 1.7    |
| 82.5°  | 0.0  | 0.2     | 0.4    | 0.6     | 0.8  | 1.0     | 1.2    | 1.4     | 1.6  | 1.8     | 2.0    |
| 81.25° | 0.0  | 0.2     | 0.5    | 0.7     | 0.9  | 1.2     | 1.4    | 1.6     | 1.9  | 2.1     | 2.3    |
| 80°    | 0.0  | 0.3     | 0.5    | 0.8     | 1.1  | 1.3     | 1.6    | 1.9     | 2.1  | 2.4     | 2.7    |
| 78.75° | 0.0  | 0.3     | 0.6    | 0.9     | 1.2  | 1.5     | 1.8    | 2.1     | 2.4  | 2.7     | 3.0    |
| 77.5°  | 0.0  | 0.3     | 0.7    | 1.0     | 1.3  | 1.7     | 2.0    | 2.3     | 2.7  | 3.0     | 3.5    |
| 76.25° | 0.0  | 0.4     | 0.7    | 1.1     | 1.5  | 1.8     | 2.2    | 2.6     | 2.9  | 3.4     | 4.0    |
| 75°    | 0.0  | 0.4     | 0.8    | 1.2     | 1.6  | 2.0     | 2.4    | 2.8     | 3.3  | 3.9     | 4.6    |
| 73.75° | 0.0  | 0.4     | 0.9    | 1.3     | 1.7  | 2.2     | 2.6    | 3.0     | 3.7  | 4.4     | 5.1    |
| 72.5°  | 0.0  | 0.5     | 0.9    | 1.4     | 1.9  | 2.3     | 2.8    | 3.4     | 4.1  | 4.9     | 5.7    |
| 71.25° | 0.0  | 0.5     | 1.0    | 1.5     | 2.0  | 2.5     | 3.0    | 3.7     | 4.6  | 5.4     | 6.2    |
| 70°    | 0.0  | 0.5     | 1.1    | 1.6     | 2.1  | 2.6     | 3.2    | 4.1     | 5.0  | 5.9     | 6.7    |
| 68.75° | 0.0  | 0.6     | 1.1    | 1.7     | 2.2  | 2.8     | 3.5    | 4.5     | 5.4  | 6.3     | 7.3    |
| 67.5°  | 0.0  | 0.6     | 1.2    | 1.8     | 2.4  | 3.0     | 3.9    | 4.8     | 5.8  | 6.8     | 7.8    |
| 66.25° | 0.0  | 0.6     | 1.2    | 1.9     | 2.5  | 3.1     | 4.2    | 5.2     | 6.2  | 7.3     | 8.3    |
| 65°    | 0.0  | 0.7     | 1.3    | 2.0     | 2.6  | 3.4     | 4.5    | 5.6     | 6.7  | 7.7     | 8.7    |
| 63.75° | 0.0  | 0.7     | 1.4    | 2.1     | 2.7  | 3.6     | 4.8    | 5.9     | 7.1  | 8.2     | 9.1    |
| 62.5°  | 0.0  | 0.7     | 1.4    | 2.1     | 2.9  | 3.9     | 5.1    | 6.3     | 7.5  | 8.6     | 9.5    |
| 61.25° | 0.0  | 0.7     | 1.5    | 2.2     | 3.0  | 4.1     | 5.4    | 6.6     | 7.9  | 8.9     | 9.9    |
| 60°    | 0.0  | 0.8     | 1.5    | 2.3     | 3.1  | 4.4     | 5.7    | 7.0     | 8.3  | 9.3     | 10.3   |
| 58.75° | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.6     | 6.0    | 7.3     | 8.6  | 9.7     | 10.7   |
| 57.5°  | 0.0  | 0.8     | 1.7    | 2.5     | 3.5  | 4.9     | 6.3    | 7.7     | 8.9  | 10.0    | 11.1   |
| 56.25° | 0.0  | 0.9     | 1.7    | 2.6     | 3.7  | 5.1     | 6.5    | 8.0     | 9.2  | 10.4    | 11.5   |
| 55°    | 0.0  | 0.9     | 1.8    | 2.7     | 3.9  | 5.3     | 6.8    | 8.3     | 9.5  | 10.7    | 11.9   |
| 53.75° | 0.0  | 0.9     | 1.8    | 2.7     | 4.0  | 5.6     | 7.1    | 8.6     | 9.8  | 11.0    | 12.3   |
| 52.5°  | 0.0  | 0.9     | 1.9    | 2.8     | 4.2  | 5.8     | 7.4    | 8.8     | 10.1 | 11.4    | 12.6   |
| 51.25° | 0.0  | 1.0     | 1.9    | 2.9     | 4.4  | 6.0     | 7.6    | 9.1     | 10.4 | 11.7    | 13.0   |
| 50°    | 0.0  | 1.0     | 2.0    | 3.0     | 4.6  | 6.2     | 7.9    | 9.3     | 10.7 | 12.0    | 13.3   |
| 48.75° | 0.0  | 1.0     | 2.0    | 3.1     | 4.8  | 6.5     | 8.2    | 9.6     | 10.9 | 12.3    | 13.7   |
| 47.5°  | 0.0  | 1.0     | 2.1    | 3.2     | 4.9  | 6.7     | 8.4    | 9.8     | 11.2 | 12.6    | 14.0   |
| 46.25° | 0.0  | 1.1     | 2.1    | 3.3     | 5.1  | 6.9     | 8.6    | 10.0    | 11.5 | 12.9    | 14.3   |
| 45°    | 0.0  | 1.1     | 2.2    | 3.4     | 5.2  | 7.1     | 8.8    | 10.3    | 11.7 | 13.2    | 14.6   |
| 43.75° | 0.0  | 1.1     | 2.2    | 3.5     | 5.4  | 7.3     | 9.0    | 10.5    | 12.0 | 13.5    | 15.0   |
| 42.5°  | 0.0  | 1.1     | 2.3    | 3.6     | 5.6  | 7.5     | 9.2    | 10.7    | 12.3 | 13.8    | 15.3   |
| 41.25° | 0.0  | 1.2     | 2.3    | 3.8     | 5.7  | 7.7     | 9.4    | 10.9    | 12.5 | 14.0    | 15.6   |
| 40°    | 0.0  | 1.2     | 2.4    | 3.9     | 5.9  | 7.9     | 9.5    | 11.1    | 12.7 | 14.3    | 15.9   |
| 38.75° | 0.0  | 1.2     | 2.4    | 4.0     | 6.0  | 8.0     | 9.7    | 11.3    | 13.0 | 14.6    | 16.1   |
| 37.5°  | 0.0  | 1.2     | 2.5    | 4.1     | 6.1  | 8.2     | 9.9    | 11.5    | 13.2 | 14.8    | 16.4   |
| 36.25° | 0.0  | 1.2     | 2.5    | 4.2     | 6.3  | 8.4     | 10.1   | 11.7    | 13.4 | 15.0    | 16.7   |
| 35°    | 0.0  | 1.3     | 2.5    | 4.3     | 6.4  | 8.5     | 10.2   | 11.9    | 13.6 | 15.3    | 16.9   |



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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° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75°  | 0.0  | 1.3     | 2.6    | 4.4     | 6.5  | 8.6     | 10.4   | 12.1    | 13.8 | 15.5    | 17.1   |
| 32.5°   | 0.0  | 1.3     | 2.6    | 4.5     | 6.7  | 8.8     | 10.5   | 12.3    | 14.0 | 15.7    | 17.2   |
| 31.25°  | 0.0  | 1.3     | 2.7    | 4.6     | 6.8  | 8.9     | 10.7   | 12.5    | 14.2 | 15.9    | 17.4   |
| 30°     | 0.0  | 1.3     | 2.7    | 4.7     | 6.9  | 9.0     | 10.8   | 12.6    | 14.4 | 16.2    | 17.6   |
| 28.75°  | 0.0  | 1.4     | 2.7    | 4.7     | 7.0  | 9.1     | 10.9   | 12.8    | 14.6 | 16.4    | 17.8   |
| 27.5°   | 0.0  | 1.4     | 2.7    | 4.8     | 7.1  | 9.2     | 11.1   | 12.9    | 14.7 | 16.5    | 17.9   |
| 26.25°  | 0.0  | 1.4     | 2.8    | 4.9     | 7.2  | 9.3     | 11.2   | 13.1    | 14.9 | 16.7    | 18.1   |
| 25°     | 0.0  | 1.4     | 2.8    | 5.0     | 7.3  | 9.4     | 11.3   | 13.2    | 15.0 | 16.8    | 18.2   |
| 23.75°  | 0.0  | 1.4     | 2.8    | 5.0     | 7.4  | 9.5     | 11.4   | 13.3    | 15.2 | 17.0    | 18.4   |
| 22.5°   | 0.0  | 1.4     | 2.9    | 5.1     | 7.5  | 9.6     | 11.5   | 13.5    | 15.3 | 17.1    | 18.5   |
| 21.25°  | 0.0  | 1.4     | 2.9    | 5.2     | 7.6  | 9.7     | 11.6   | 13.6    | 15.5 | 17.2    | 18.6   |
| 20°     | 0.0  | 1.5     | 2.9    | 5.2     | 7.7  | 9.8     | 11.7   | 13.7    | 15.6 | 17.3    | 18.8   |
| 18.75°  | 0.0  | 1.5     | 2.9    | 5.3     | 7.7  | 9.8     | 11.8   | 13.8    | 15.7 | 17.4    | 18.9   |
| 17.5°   | 0.0  | 1.5     | 3.0    | 5.3     | 7.8  | 9.9     | 11.9   | 13.9    | 15.8 | 17.5    | 19.0   |
| 16.25°  | 0.0  | 1.5     | 3.0    | 5.4     | 7.9  | 10.0    | 12.0   | 14.0    | 15.9 | 17.6    | 19.1   |
| 15°     | 0.0  | 1.5     | 3.0    | 5.4     | 7.9  | 10.0    | 12.1   | 14.1    | 16.0 | 17.7    | 19.2   |
| 13.75°  | 0.0  | 1.5     | 3.0    | 5.5     | 8.0  | 10.1    | 12.1   | 14.1    | 16.1 | 17.7    | 19.2   |
| 12.5°   | 0.0  | 1.5     | 3.0    | 5.5     | 8.1  | 10.2    | 12.2   | 14.2    | 16.2 | 17.8    | 19.3   |
| 11.25°  | 0.0  | 1.5     | 3.0    | 5.5     | 8.1  | 10.2    | 12.3   | 14.3    | 16.3 | 17.9    | 19.4   |
| 10°     | 0.0  | 1.5     | 3.1    | 5.6     | 8.1  | 10.2    | 12.3   | 14.3    | 16.3 | 17.9    | 19.5   |
| 8.75°   | 0.0  | 1.5     | 3.1    | 5.6     | 8.2  | 10.3    | 12.4   | 14.4    | 16.4 | 18.0    | 19.5   |
| 7.5°    | 0.0  | 1.5     | 3.1    | 5.6     | 8.2  | 10.3    | 12.4   | 14.4    | 16.5 | 18.0    | 19.6   |
| 6.25°   | 0.0  | 1.5     | 3.1    | 5.7     | 8.2  | 10.3    | 12.4   | 14.5    | 16.5 | 18.1    | 19.6   |
| 5°      | 0.0  | 1.5     | 3.1    | 5.7     | 8.3  | 10.4    | 12.5   | 14.5    | 16.5 | 18.1    | 19.6   |
| 3.75°   | 0.0  | 1.5     | 3.1    | 5.7     | 8.3  | 10.4    | 12.5   | 14.5    | 16.6 | 18.1    | 19.7   |
| 2.5°    | 0.0  | 1.5     | 3.1    | 5.7     | 8.3  | 10.4    | 12.5   | 14.5    | 16.6 | 18.1    | 19.7   |
| 1.25°   | 0.0  | 1.5     | 3.1    | 5.7     | 8.3  | 10.4    | 12.5   | 14.5    | 16.6 | 18.1    | 19.7   |
| 0°      | 0.0  | 1.5     | 3.1    | 5.7     | 8.3  | 10.4    | 12.5   | 14.5    | 16.6 | 18.1    | 19.7   |
| -1.25°  | 0.0  | 1.5     | 3.1    | 5.7     | 8.3  | 10.4    | 12.5   | 14.5    | 16.6 | 18.1    | 19.7   |
| -2.5°   | 0.0  | 1.5     | 3.1    | 5.7     | 8.3  | 10.4    | 12.5   | 14.5    | 16.6 | 18.1    | 19.7   |
| -3.75°  | 0.0  | 1.5     | 3.1    | 5.7     | 8.3  | 10.4    | 12.5   | 14.5    | 16.6 | 18.1    | 19.7   |
| -5°     | 0.0  | 1.5     | 3.1    | 5.7     | 8.3  | 10.4    | 12.5   | 14.5    | 16.5 | 18.1    | 19.6   |
| -6.25°  | 0.0  | 1.5     | 3.1    | 5.7     | 8.2  | 10.3    | 12.4   | 14.5    | 16.5 | 18.1    | 19.6   |
| -7.5°   | 0.0  | 1.5     | 3.1    | 5.6     | 8.2  | 10.3    | 12.4   | 14.4    | 16.5 | 18.0    | 19.6   |
| -8.75°  | 0.0  | 1.5     | 3.1    | 5.6     | 8.2  | 10.3    | 12.4   | 14.4    | 16.4 | 18.0    | 19.5   |
| -10°    | 0.0  | 1.5     | 3.1    | 5.6     | 8.1  | 10.2    | 12.3   | 14.3    | 16.3 | 17.9    | 19.5   |
| -11.25° | 0.0  | 1.5     | 3.0    | 5.5     | 8.1  | 10.2    | 12.3   | 14.3    | 16.3 | 17.9    | 19.4   |
| -12.5°  | 0.0  | 1.5     | 3.0    | 5.5     | 8.1  | 10.2    | 12.2   | 14.2    | 16.2 | 17.8    | 19.3   |
| -13.75° | 0.0  | 1.5     | 3.0    | 5.5     | 8.0  | 10.1    | 12.1   | 14.1    | 16.1 | 17.7    | 19.2   |
| -15°    | 0.0  | 1.5     | 3.0    | 5.4     | 7.9  | 10.0    | 12.1   | 14.1    | 16.0 | 17.7    | 19.2   |
| -16.25° | 0.0  | 1.5     | 3.0    | 5.4     | 7.9  | 10.0    | 12.0   | 14.0    | 15.9 | 17.6    | 19.1   |
| -17.5°  | 0.0  | 1.5     | 3.0    | 5.3     | 7.8  | 9.9     | 11.9   | 13.9    | 15.8 | 17.5    | 19.0   |
| -18.75° | 0.0  | 1.5     | 2.9    | 5.3     | 7.7  | 9.8     | 11.8   | 13.8    | 15.7 | 17.4    | 18.9   |
| -20°    | 0.0  | 1.5     | 2.9    | 5.2     | 7.7  | 9.8     | 11.7   | 13.7    | 15.6 | 17.3    | 18.8   |
| -21.25° | 0.0  | 1.4     | 2.9    | 5.2     | 7.6  | 9.7     | 11.6   | 13.6    | 15.5 | 17.2    | 18.6   |





REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**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  | 1.4     | 2.9    | 5.1     | 7.5  | 9.6     | 11.5   | 13.5    | 15.3 | 17.1    | 18.5   |
| -23.75° | 0.0  | 1.4     | 2.8    | 5.0     | 7.4  | 9.5     | 11.4   | 13.3    | 15.2 | 17.0    | 18.4   |
| -25°    | 0.0  | 1.4     | 2.8    | 5.0     | 7.3  | 9.4     | 11.3   | 13.2    | 15.0 | 16.8    | 18.2   |
| -26.25° | 0.0  | 1.4     | 2.8    | 4.9     | 7.2  | 9.3     | 11.2   | 13.1    | 14.9 | 16.7    | 18.1   |
| -27.5°  | 0.0  | 1.4     | 2.7    | 4.8     | 7.1  | 9.2     | 11.1   | 12.9    | 14.7 | 16.5    | 17.9   |
| -28.75° | 0.0  | 1.4     | 2.7    | 4.7     | 7.0  | 9.1     | 10.9   | 12.8    | 14.6 | 16.4    | 17.8   |
| -30°    | 0.0  | 1.3     | 2.7    | 4.7     | 6.9  | 9.0     | 10.8   | 12.6    | 14.4 | 16.2    | 17.6   |
| -31.25° | 0.0  | 1.3     | 2.7    | 4.6     | 6.8  | 8.9     | 10.7   | 12.5    | 14.2 | 15.9    | 17.4   |
| -32.5°  | 0.0  | 1.3     | 2.6    | 4.5     | 6.7  | 8.8     | 10.5   | 12.3    | 14.0 | 15.7    | 17.2   |
| -33.75° | 0.0  | 1.3     | 2.6    | 4.4     | 6.5  | 8.6     | 10.4   | 12.1    | 13.8 | 15.5    | 17.1   |
| -35°    | 0.0  | 1.3     | 2.5    | 4.3     | 6.4  | 8.5     | 10.2   | 11.9    | 13.6 | 15.3    | 16.9   |
| -36.25° | 0.0  | 1.2     | 2.5    | 4.2     | 6.3  | 8.4     | 10.1   | 11.7    | 13.4 | 15.0    | 16.7   |
| -37.5°  | 0.0  | 1.2     | 2.5    | 4.1     | 6.1  | 8.2     | 9.9    | 11.5    | 13.2 | 14.8    | 16.4   |
| -38.75° | 0.0  | 1.2     | 2.4    | 4.0     | 6.0  | 8.0     | 9.7    | 11.3    | 13.0 | 14.6    | 16.1   |
| -40°    | 0.0  | 1.2     | 2.4    | 3.9     | 5.9  | 7.9     | 9.5    | 11.1    | 12.7 | 14.3    | 15.9   |
| -41.25° | 0.0  | 1.2     | 2.3    | 3.8     | 5.7  | 7.7     | 9.4    | 10.9    | 12.5 | 14.0    | 15.6   |
| -42.5°  | 0.0  | 1.1     | 2.3    | 3.6     | 5.6  | 7.5     | 9.2    | 10.7    | 12.3 | 13.8    | 15.3   |
| -43.75° | 0.0  | 1.1     | 2.2    | 3.5     | 5.4  | 7.3     | 9.0    | 10.5    | 12.0 | 13.5    | 15.0   |
| -45°    | 0.0  | 1.1     | 2.2    | 3.4     | 5.2  | 7.1     | 8.8    | 10.3    | 11.7 | 13.2    | 14.6   |
| -46.25° | 0.0  | 1.1     | 2.1    | 3.3     | 5.1  | 6.9     | 8.6    | 10.0    | 11.5 | 12.9    | 14.3   |
| -47.5°  | 0.0  | 1.0     | 2.1    | 3.2     | 4.9  | 6.7     | 8.4    | 9.8     | 11.2 | 12.6    | 14.0   |
| -48.75° | 0.0  | 1.0     | 2.0    | 3.1     | 4.8  | 6.5     | 8.2    | 9.6     | 10.9 | 12.3    | 13.7   |
| -50°    | 0.0  | 1.0     | 2.0    | 3.0     | 4.6  | 6.2     | 7.9    | 9.3     | 10.7 | 12.0    | 13.3   |
| -51.25° | 0.0  | 1.0     | 1.9    | 2.9     | 4.4  | 6.0     | 7.6    | 9.1     | 10.4 | 11.7    | 13.0   |
| -52.5°  | 0.0  | 0.9     | 1.9    | 2.8     | 4.2  | 5.8     | 7.4    | 8.8     | 10.1 | 11.4    | 12.6   |
| -53.75° | 0.0  | 0.9     | 1.8    | 2.7     | 4.0  | 5.6     | 7.1    | 8.6     | 9.8  | 11.0    | 12.3   |
| -55°    | 0.0  | 0.9     | 1.8    | 2.7     | 3.9  | 5.3     | 6.8    | 8.3     | 9.5  | 10.7    | 11.9   |
| -56.25° | 0.0  | 0.9     | 1.7    | 2.6     | 3.7  | 5.1     | 6.5    | 8.0     | 9.2  | 10.4    | 11.5   |
| -57.5°  | 0.0  | 0.8     | 1.7    | 2.5     | 3.5  | 4.9     | 6.3    | 7.7     | 8.9  | 10.0    | 11.1   |
| -58.75° | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.6     | 6.0    | 7.3     | 8.6  | 9.7     | 10.7   |
| -60°    | 0.0  | 0.8     | 1.5    | 2.3     | 3.1  | 4.4     | 5.7    | 7.0     | 8.3  | 9.3     | 10.3   |
| -61.25° | 0.0  | 0.7     | 1.5    | 2.2     | 3.0  | 4.1     | 5.4    | 6.6     | 7.9  | 8.9     | 9.9    |
| -62.5°  | 0.0  | 0.7     | 1.4    | 2.1     | 2.9  | 3.9     | 5.1    | 6.3     | 7.5  | 8.6     | 9.5    |
| -63.75° | 0.0  | 0.7     | 1.4    | 2.1     | 2.7  | 3.6     | 4.8    | 5.9     | 7.1  | 8.2     | 9.1    |
| -65°    | 0.0  | 0.7     | 1.3    | 2.0     | 2.6  | 3.4     | 4.5    | 5.6     | 6.7  | 7.7     | 8.7    |
| -66.25° | 0.0  | 0.6     | 1.2    | 1.9     | 2.5  | 3.1     | 4.2    | 5.2     | 6.2  | 7.3     | 8.3    |
| -67.5°  | 0.0  | 0.6     | 1.2    | 1.8     | 2.4  | 3.0     | 3.9    | 4.8     | 5.8  | 6.8     | 7.8    |
| -68.75° | 0.0  | 0.6     | 1.1    | 1.7     | 2.2  | 2.8     | 3.5    | 4.5     | 5.4  | 6.3     | 7.3    |
| -70°    | 0.0  | 0.5     | 1.1    | 1.6     | 2.1  | 2.6     | 3.2    | 4.1     | 5.0  | 5.9     | 6.7    |
| -71.25° | 0.0  | 0.5     | 1.0    | 1.5     | 2.0  | 2.5     | 3.0    | 3.7     | 4.6  | 5.4     | 6.2    |
| -72.5°  | 0.0  | 0.5     | 0.9    | 1.4     | 1.9  | 2.3     | 2.8    | 3.4     | 4.1  | 4.9     | 5.7    |
| -73.75° | 0.0  | 0.4     | 0.9    | 1.3     | 1.7  | 2.2     | 2.6    | 3.0     | 3.7  | 4.4     | 5.1    |
| -75°    | 0.0  | 0.4     | 0.8    | 1.2     | 1.6  | 2.0     | 2.4    | 2.8     | 3.3  | 3.9     | 4.6    |
| -76.25° | 0.0  | 0.4     | 0.7    | 1.1     | 1.5  | 1.8     | 2.2    | 2.6     | 2.9  | 3.4     | 4.0    |
| -77.5°  | 0.0  | 0.3     | 0.7    | 1.0     | 1.3  | 1.7     | 2.0    | 2.3     | 2.7  | 3.0     | 3.5    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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  | 0.3     | 0.6    | 0.9     | 1.2  | 1.5     | 1.8    | 2.1     | 2.4  | 2.7     | 3.0    |
| -80°    | 0.0  | 0.3     | 0.5    | 0.8     | 1.1  | 1.3     | 1.6    | 1.9     | 2.1  | 2.4     | 2.7    |
| -81.25° | 0.0  | 0.2     | 0.5    | 0.7     | 0.9  | 1.2     | 1.4    | 1.6     | 1.9  | 2.1     | 2.3    |
| -82.5°  | 0.0  | 0.2     | 0.4    | 0.6     | 0.8  | 1.0     | 1.2    | 1.4     | 1.6  | 1.8     | 2.0    |
| -83.75° | 0.0  | 0.2     | 0.3    | 0.5     | 0.7  | 0.8     | 1.0    | 1.2     | 1.3  | 1.5     | 1.7    |
| -85°    | 0.0  | 0.1     | 0.3    | 0.4     | 0.5  | 0.7     | 0.8    | 0.9     | 1.1  | 1.2     | 1.3    |
| -86.25° | 0.0  | 0.1     | 0.2    | 0.3     | 0.4  | 0.5     | 0.6    | 0.7     | 0.8  | 0.9     | 1.0    |
| -87.5°  | 0.0  | 0.1     | 0.1    | 0.2     | 0.3  | 0.3     | 0.4    | 0.5     | 0.5  | 0.6     | 0.7    |
| -88.75° | 0.0  | 0.0     | 0.1    | 0.1     | 0.1  | 0.2     | 0.2    | 0.2     | 0.3  | 0.3     | 0.3    |
| -90°    | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     |
| 88.75° | 0.4     | 0.4  | 0.4     | 0.5    | 0.5     | 0.5  | 0.6     | 0.6    | 0.6     | 0.7  | 0.7     |
| 87.5°  | 0.7     | 0.8  | 0.9     | 0.9    | 1.0     | 1.1  | 1.1     | 1.2    | 1.2     | 1.3  | 1.4     |
| 86.25° | 1.1     | 1.2  | 1.3     | 1.4    | 1.5     | 1.6  | 1.7     | 1.8    | 1.9     | 2.0  | 2.1     |
| 85°    | 1.5     | 1.6  | 1.7     | 1.9    | 2.0     | 2.1  | 2.2     | 2.4    | 2.5     | 2.6  | 2.7     |
| 83.75° | 1.8     | 2.0  | 2.2     | 2.3    | 2.5     | 2.6  | 2.8     | 3.0    | 3.1     | 3.4  | 3.6     |
| 82.5°  | 2.2     | 2.4  | 2.6     | 2.8    | 3.0     | 3.2  | 3.5     | 3.9    | 4.2     | 4.5  | 4.8     |
| 81.25° | 2.6     | 2.8  | 3.0     | 3.4    | 3.7     | 4.1  | 4.5     | 4.8    | 5.2     | 5.6  | 5.9     |
| 80°    | 2.9     | 3.3  | 3.7     | 4.1    | 4.6     | 5.0  | 5.4     | 5.8    | 6.2     | 6.7  | 7.1     |
| 78.75° | 3.4     | 3.9  | 4.4     | 4.9    | 5.4     | 5.9  | 6.3     | 6.8    | 7.3     | 7.7  | 8.2     |
| 77.5°  | 4.0     | 4.6  | 5.1     | 5.7    | 6.2     | 6.7  | 7.3     | 7.8    | 8.3     | 8.7  | 9.1     |
| 76.25° | 4.6     | 5.2  | 5.8     | 6.4    | 7.0     | 7.6  | 8.2     | 8.7    | 9.1     | 9.6  | 10.0    |
| 75°    | 5.2     | 5.9  | 6.5     | 7.2    | 7.8     | 8.4  | 8.9     | 9.4    | 10.0    | 10.4 | 10.9    |
| 73.75° | 5.8     | 6.5  | 7.2     | 7.9    | 8.6     | 9.1  | 9.7     | 10.2   | 10.8    | 11.3 | 11.8    |
| 72.5°  | 6.4     | 7.2  | 7.9     | 8.6    | 9.2     | 9.8  | 10.4    | 11.0   | 11.6    | 12.2 | 12.7    |
| 71.25° | 7.0     | 7.8  | 8.6     | 9.2    | 9.9     | 10.5 | 11.1    | 11.8   | 12.4    | 13.0 | 13.6    |
| 70°    | 7.6     | 8.4  | 9.1     | 9.8    | 10.5    | 11.2 | 11.9    | 12.5   | 13.2    | 13.8 | 14.5    |
| 68.75° | 8.2     | 8.9  | 9.7     | 10.4   | 11.1    | 11.9 | 12.6    | 13.3   | 14.0    | 14.6 | 15.3    |
| 67.5°  | 8.7     | 9.4  | 10.2    | 11.0   | 11.8    | 12.5 | 13.3    | 14.0   | 14.7    | 15.5 | 16.2    |
| 66.25° | 9.1     | 10.0 | 10.8    | 11.6   | 12.4    | 13.2 | 14.0    | 14.7   | 15.5    | 16.3 | 16.9    |
| 65°    | 9.6     | 10.4 | 11.3    | 12.2   | 13.0    | 13.8 | 14.6    | 15.5   | 16.3    | 17.0 | 17.6    |
| 63.75° | 10.0    | 10.9 | 11.8    | 12.7   | 13.6    | 14.5 | 15.3    | 16.2   | 16.9    | 17.6 | 18.2    |
| 62.5°  | 10.5    | 11.4 | 12.4    | 13.3   | 14.2    | 15.1 | 16.0    | 16.8   | 17.5    | 18.2 | 18.8    |
| 61.25° | 10.9    | 11.9 | 12.9    | 13.8   | 14.8    | 15.7 | 16.6    | 17.4   | 18.1    | 18.7 | 19.4    |
| 60°    | 11.4    | 12.4 | 13.4    | 14.4   | 15.4    | 16.3 | 17.1    | 17.9   | 18.6    | 19.3 | 19.9    |
| 58.75° | 11.8    | 12.9 | 13.9    | 14.9   | 15.9    | 16.9 | 17.6    | 18.4   | 19.2    | 19.8 | 20.3    |
| 57.5°  | 12.2    | 13.3 | 14.4    | 15.4   | 16.5    | 17.3 | 18.1    | 18.9   | 19.7    | 20.2 | 20.7    |
| 56.25° | 12.6    | 13.8 | 14.9    | 16.0   | 17.0    | 17.8 | 18.6    | 19.4   | 20.1    | 20.6 | 21.1    |
| 55°    | 13.1    | 14.2 | 15.3    | 16.5   | 17.4    | 18.2 | 19.1    | 19.9   | 20.4    | 21.0 | 21.5    |
| 53.75° | 13.5    | 14.6 | 15.8    | 16.9   | 17.8    | 18.7 | 19.5    | 20.2   | 20.8    | 21.4 | 22.1    |
| 52.5°  | 13.8    | 15.1 | 16.3    | 17.3   | 18.2    | 19.1 | 19.9    | 20.5   | 21.1    | 21.7 | 22.8    |
| 51.25° | 14.2    | 15.5 | 16.7    | 17.7   | 18.6    | 19.5 | 20.2    | 20.8   | 21.5    | 22.4 | 23.6    |
| 50°    | 14.6    | 15.9 | 17.0    | 18.0   | 19.0    | 19.9 | 20.5    | 21.2   | 21.8    | 23.1 | 24.3    |
| 48.75° | 15.0    | 16.3 | 17.4    | 18.4   | 19.4    | 20.1 | 20.8    | 21.5   | 22.5    | 23.8 | 25.1    |
| 47.5°  | 15.4    | 16.7 | 17.7    | 18.7   | 19.7    | 20.4 | 21.1    | 21.8   | 23.1    | 24.5 | 25.8    |
| 46.25° | 15.7    | 17.0 | 18.0    | 19.1   | 20.0    | 20.7 | 21.4    | 22.4   | 23.8    | 25.1 | 26.8    |
| 45°    | 16.1    | 17.3 | 18.4    | 19.4   | 20.2    | 21.0 | 21.7    | 23.0   | 24.4    | 25.8 | 27.8    |
| 43.75° | 16.4    | 17.6 | 18.7    | 19.7   | 20.5    | 21.2 | 22.1    | 23.6   | 25.0    | 26.7 | 28.8    |
| 42.5°  | 16.7    | 17.8 | 19.0    | 20.0   | 20.7    | 21.5 | 22.6    | 24.1   | 25.6    | 27.6 | 29.8    |
| 41.25° | 17.0    | 18.1 | 19.3    | 20.2   | 20.9    | 21.7 | 23.2    | 24.7   | 26.3    | 28.5 | 30.8    |
| 40°    | 17.2    | 18.4 | 19.5    | 20.4   | 21.2    | 22.1 | 23.7    | 25.2   | 27.2    | 29.4 | 31.7    |
| 38.75° | 17.4    | 18.6 | 19.8    | 20.6   | 21.4    | 22.6 | 24.2    | 25.8   | 28.0    | 30.3 | 32.7    |
| 37.5°  | 17.7    | 18.9 | 20.0    | 20.8   | 21.6    | 23.1 | 24.7    | 26.4   | 28.8    | 31.2 | 33.8    |
| 36.25° | 17.9    | 19.1 | 20.2    | 21.0   | 21.8    | 23.5 | 25.2    | 27.2   | 29.6    | 32.0 | 34.8    |
| 35°    | 18.1    | 19.4 | 20.3    | 21.2   | 22.2    | 23.9 | 25.6    | 27.9   | 30.4    | 32.9 | 35.8    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 33.75°  | 18.3    | 19.6 | 20.5    | 21.4   | 22.6    | 24.4 | 26.1    | 28.6   | 31.1    | 33.9 | 36.8    |
| 32.5°   | 18.5    | 19.8 | 20.7    | 21.5   | 23.0    | 24.8 | 26.7    | 29.3   | 31.8    | 34.8 | 37.8    |
| 31.25°  | 18.7    | 19.9 | 20.8    | 21.7   | 23.4    | 25.2 | 27.4    | 30.0   | 32.6    | 35.6 | 38.7    |
| 30°     | 18.9    | 20.1 | 21.0    | 22.0   | 23.8    | 25.5 | 28.0    | 30.6   | 33.4    | 36.5 | 39.6    |
| 28.75°  | 19.1    | 20.2 | 21.1    | 22.3   | 24.1    | 25.9 | 28.5    | 31.2   | 34.2    | 37.3 | 40.5    |
| 27.5°   | 19.3    | 20.3 | 21.3    | 22.6   | 24.4    | 26.4 | 29.1    | 31.8   | 34.9    | 38.1 | 41.5    |
| 26.25°  | 19.5    | 20.5 | 21.4    | 22.9   | 24.7    | 26.9 | 29.6    | 32.4   | 35.6    | 38.8 | 42.4    |
| 25°     | 19.6    | 20.6 | 21.5    | 23.2   | 25.1    | 27.4 | 30.2    | 33.1   | 36.3    | 39.6 | 43.3    |
| 23.75°  | 19.8    | 20.7 | 21.7    | 23.4   | 25.3    | 27.8 | 30.6    | 33.7   | 37.0    | 40.4 | 44.1    |
| 22.5°   | 19.9    | 20.8 | 21.8    | 23.7   | 25.6    | 28.3 | 31.1    | 34.3   | 37.6    | 41.1 | 44.9    |
| 21.25°  | 20.0    | 20.9 | 22.0    | 23.9   | 25.9    | 28.7 | 31.6    | 34.8   | 38.2    | 41.8 | 45.6    |
| 20°     | 20.0    | 21.0 | 22.2    | 24.2   | 26.2    | 29.1 | 32.0    | 35.3   | 38.7    | 42.5 | 46.3    |
| 18.75°  | 20.1    | 21.1 | 22.4    | 24.4   | 26.5    | 29.5 | 32.4    | 35.8   | 39.3    | 43.1 | 47.0    |
| 17.5°   | 20.2    | 21.2 | 22.6    | 24.6   | 26.9    | 29.8 | 32.8    | 36.3   | 39.8    | 43.7 | 47.6    |
| 16.25°  | 20.3    | 21.3 | 22.8    | 24.8   | 27.2    | 30.1 | 33.3    | 36.7   | 40.3    | 44.3 | 48.2    |
| 15°     | 20.3    | 21.4 | 22.9    | 25.0   | 27.5    | 30.4 | 33.6    | 37.1   | 40.8    | 44.8 | 48.8    |
| 13.75°  | 20.4    | 21.4 | 23.1    | 25.1   | 27.7    | 30.7 | 34.0    | 37.5   | 41.3    | 45.3 | 49.3    |
| 12.5°   | 20.5    | 21.5 | 23.2    | 25.3   | 28.0    | 31.0 | 34.3    | 37.9   | 41.7    | 45.7 | 49.7    |
| 11.25°  | 20.5    | 21.6 | 23.4    | 25.4   | 28.2    | 31.2 | 34.6    | 38.2   | 42.0    | 46.1 | 50.2    |
| 10°     | 20.6    | 21.6 | 23.5    | 25.5   | 28.4    | 31.4 | 34.9    | 38.4   | 42.4    | 46.5 | 50.5    |
| 8.75°   | 20.6    | 21.6 | 23.6    | 25.6   | 28.5    | 31.6 | 35.1    | 38.7   | 42.7    | 46.8 | 50.9    |
| 7.5°    | 20.6    | 21.7 | 23.7    | 25.7   | 28.7    | 31.8 | 35.3    | 38.9   | 42.9    | 47.0 | 51.1    |
| 6.25°   | 20.7    | 21.7 | 23.7    | 25.8   | 28.8    | 31.9 | 35.5    | 39.1   | 43.2    | 47.3 | 51.4    |
| 5°      | 20.7    | 21.8 | 23.8    | 25.9   | 28.9    | 32.0 | 35.6    | 39.2   | 43.3    | 47.5 | 51.6    |
| 3.75°   | 20.7    | 21.8 | 23.8    | 25.9   | 29.0    | 32.1 | 35.7    | 39.4   | 43.5    | 47.6 | 51.7    |
| 2.5°    | 20.7    | 21.8 | 23.9    | 26.0   | 29.1    | 32.2 | 35.8    | 39.4   | 43.6    | 47.7 | 51.9    |
| 1.25°   | 20.7    | 21.8 | 23.9    | 26.0   | 29.1    | 32.2 | 35.8    | 39.5   | 43.6    | 47.8 | 51.9    |
| 0°      | 20.8    | 21.8 | 23.9    | 26.0   | 29.1    | 32.2 | 35.9    | 39.5   | 43.7    | 47.8 | 52.0    |
| -1.25°  | 20.7    | 21.8 | 23.9    | 26.0   | 29.1    | 32.2 | 35.8    | 39.5   | 43.6    | 47.8 | 51.9    |
| -2.5°   | 20.7    | 21.8 | 23.9    | 26.0   | 29.1    | 32.2 | 35.8    | 39.4   | 43.6    | 47.7 | 51.9    |
| -3.75°  | 20.7    | 21.8 | 23.8    | 25.9   | 29.0    | 32.1 | 35.7    | 39.4   | 43.5    | 47.6 | 51.7    |
| -5°     | 20.7    | 21.8 | 23.8    | 25.9   | 28.9    | 32.0 | 35.6    | 39.2   | 43.3    | 47.5 | 51.6    |
| -6.25°  | 20.7    | 21.7 | 23.7    | 25.8   | 28.8    | 31.9 | 35.5    | 39.1   | 43.2    | 47.3 | 51.4    |
| -7.5°   | 20.6    | 21.7 | 23.7    | 25.7   | 28.7    | 31.8 | 35.3    | 38.9   | 42.9    | 47.0 | 51.1    |
| -8.75°  | 20.6    | 21.6 | 23.6    | 25.6   | 28.5    | 31.6 | 35.1    | 38.7   | 42.7    | 46.8 | 50.9    |
| -10°    | 20.6    | 21.6 | 23.5    | 25.5   | 28.4    | 31.4 | 34.9    | 38.4   | 42.4    | 46.5 | 50.5    |
| -11.25° | 20.5    | 21.6 | 23.4    | 25.4   | 28.2    | 31.2 | 34.6    | 38.2   | 42.0    | 46.1 | 50.2    |
| -12.5°  | 20.5    | 21.5 | 23.2    | 25.3   | 28.0    | 31.0 | 34.3    | 37.9   | 41.7    | 45.7 | 49.7    |
| -13.75° | 20.4    | 21.4 | 23.1    | 25.1   | 27.7    | 30.7 | 34.0    | 37.5   | 41.3    | 45.3 | 49.3    |
| -15°    | 20.3    | 21.4 | 22.9    | 25.0   | 27.5    | 30.4 | 33.6    | 37.1   | 40.8    | 44.8 | 48.8    |
| -16.25° | 20.3    | 21.3 | 22.8    | 24.8   | 27.2    | 30.1 | 33.3    | 36.7   | 40.3    | 44.3 | 48.2    |
| -17.5°  | 20.2    | 21.2 | 22.6    | 24.6   | 26.9    | 29.8 | 32.8    | 36.3   | 39.8    | 43.7 | 47.6    |
| -18.75° | 20.1    | 21.1 | 22.4    | 24.4   | 26.5    | 29.5 | 32.4    | 35.8   | 39.3    | 43.1 | 47.0    |
| -20°    | 20.0    | 21.0 | 22.2    | 24.2   | 26.2    | 29.1 | 32.0    | 35.3   | 38.7    | 42.5 | 46.3    |
| -21.25° | 20.0    | 20.9 | 22.0    | 23.9   | 25.9    | 28.7 | 31.6    | 34.8   | 38.2    | 41.8 | 45.6    |



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**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -22.5°  | 19.9    | 20.8 | 21.8    | 23.7   | 25.6    | 28.3 | 31.1    | 34.3   | 37.6    | 41.1 | 44.9    |
| -23.75° | 19.8    | 20.7 | 21.7    | 23.4   | 25.3    | 27.8 | 30.6    | 33.7   | 37.0    | 40.4 | 44.1    |
| -25°    | 19.6    | 20.6 | 21.5    | 23.2   | 25.1    | 27.4 | 30.2    | 33.1   | 36.3    | 39.6 | 43.3    |
| -26.25° | 19.5    | 20.5 | 21.4    | 22.9   | 24.7    | 26.9 | 29.6    | 32.4   | 35.6    | 38.8 | 42.4    |
| -27.5°  | 19.3    | 20.3 | 21.3    | 22.6   | 24.4    | 26.4 | 29.1    | 31.8   | 34.9    | 38.1 | 41.5    |
| -28.75° | 19.1    | 20.2 | 21.1    | 22.3   | 24.1    | 25.9 | 28.5    | 31.2   | 34.2    | 37.3 | 40.5    |
| -30°    | 18.9    | 20.1 | 21.0    | 22.0   | 23.8    | 25.5 | 28.0    | 30.6   | 33.4    | 36.5 | 39.6    |
| -31.25° | 18.7    | 19.9 | 20.8    | 21.7   | 23.4    | 25.2 | 27.4    | 30.0   | 32.6    | 35.6 | 38.7    |
| -32.5°  | 18.5    | 19.8 | 20.7    | 21.5   | 23.0    | 24.8 | 26.7    | 29.3   | 31.8    | 34.8 | 37.8    |
| -33.75° | 18.3    | 19.6 | 20.5    | 21.4   | 22.6    | 24.4 | 26.1    | 28.6   | 31.1    | 33.9 | 36.8    |
| -35°    | 18.1    | 19.4 | 20.3    | 21.2   | 22.2    | 23.9 | 25.6    | 27.9   | 30.4    | 32.9 | 35.8    |
| -36.25° | 17.9    | 19.1 | 20.2    | 21.0   | 21.8    | 23.5 | 25.2    | 27.2   | 29.6    | 32.0 | 34.8    |
| -37.5°  | 17.7    | 18.9 | 20.0    | 20.8   | 21.6    | 23.1 | 24.7    | 26.4   | 28.8    | 31.2 | 33.8    |
| -38.75° | 17.4    | 18.6 | 19.8    | 20.6   | 21.4    | 22.6 | 24.2    | 25.8   | 28.0    | 30.3 | 32.7    |
| -40°    | 17.2    | 18.4 | 19.5    | 20.4   | 21.2    | 22.1 | 23.7    | 25.2   | 27.2    | 29.4 | 31.7    |
| -41.25° | 17.0    | 18.1 | 19.3    | 20.2   | 20.9    | 21.7 | 23.2    | 24.7   | 26.3    | 28.5 | 30.8    |
| -42.5°  | 16.7    | 17.8 | 19.0    | 20.0   | 20.7    | 21.5 | 22.6    | 24.1   | 25.6    | 27.6 | 29.8    |
| -43.75° | 16.4    | 17.6 | 18.7    | 19.7   | 20.5    | 21.2 | 22.1    | 23.6   | 25.0    | 26.7 | 28.8    |
| -45°    | 16.1    | 17.3 | 18.4    | 19.4   | 20.2    | 21.0 | 21.7    | 23.0   | 24.4    | 25.8 | 27.8    |
| -46.25° | 15.7    | 17.0 | 18.0    | 19.1   | 20.0    | 20.7 | 21.4    | 22.4   | 23.8    | 25.1 | 26.8    |
| -47.5°  | 15.4    | 16.7 | 17.7    | 18.7   | 19.7    | 20.4 | 21.1    | 21.8   | 23.1    | 24.5 | 25.8    |
| -48.75° | 15.0    | 16.3 | 17.4    | 18.4   | 19.4    | 20.1 | 20.8    | 21.5   | 22.5    | 23.8 | 25.1    |
| -50°    | 14.6    | 15.9 | 17.0    | 18.0   | 19.0    | 19.9 | 20.5    | 21.2   | 21.8    | 23.1 | 24.3    |
| -51.25° | 14.2    | 15.5 | 16.7    | 17.7   | 18.6    | 19.5 | 20.2    | 20.8   | 21.5    | 22.4 | 23.6    |
| -52.5°  | 13.8    | 15.1 | 16.3    | 17.3   | 18.2    | 19.1 | 19.9    | 20.5   | 21.1    | 21.7 | 22.8    |
| -53.75° | 13.5    | 14.6 | 15.8    | 16.9   | 17.8    | 18.7 | 19.5    | 20.2   | 20.8    | 21.4 | 22.1    |
| -55°    | 13.1    | 14.2 | 15.3    | 16.5   | 17.4    | 18.2 | 19.1    | 19.9   | 20.4    | 21.0 | 21.5    |
| -56.25° | 12.6    | 13.8 | 14.9    | 16.0   | 17.0    | 17.8 | 18.6    | 19.4   | 20.1    | 20.6 | 21.1    |
| -57.5°  | 12.2    | 13.3 | 14.4    | 15.4   | 16.5    | 17.3 | 18.1    | 18.9   | 19.7    | 20.2 | 20.7    |
| -58.75° | 11.8    | 12.9 | 13.9    | 14.9   | 15.9    | 16.9 | 17.6    | 18.4   | 19.2    | 19.8 | 20.3    |
| -60°    | 11.4    | 12.4 | 13.4    | 14.4   | 15.4    | 16.3 | 17.1    | 17.9   | 18.6    | 19.3 | 19.9    |
| -61.25° | 10.9    | 11.9 | 12.9    | 13.8   | 14.8    | 15.7 | 16.6    | 17.4   | 18.1    | 18.7 | 19.4    |
| -62.5°  | 10.5    | 11.4 | 12.4    | 13.3   | 14.2    | 15.1 | 16.0    | 16.8   | 17.5    | 18.2 | 18.8    |
| -63.75° | 10.0    | 10.9 | 11.8    | 12.7   | 13.6    | 14.5 | 15.3    | 16.2   | 16.9    | 17.6 | 18.2    |
| -65°    | 9.6     | 10.4 | 11.3    | 12.2   | 13.0    | 13.8 | 14.6    | 15.5   | 16.3    | 17.0 | 17.6    |
| -66.25° | 9.1     | 10.0 | 10.8    | 11.6   | 12.4    | 13.2 | 14.0    | 14.7   | 15.5    | 16.3 | 16.9    |
| -67.5°  | 8.7     | 9.4  | 10.2    | 11.0   | 11.8    | 12.5 | 13.3    | 14.0   | 14.7    | 15.5 | 16.2    |
| -68.75° | 8.2     | 8.9  | 9.7     | 10.4   | 11.1    | 11.9 | 12.6    | 13.3   | 14.0    | 14.6 | 15.3    |
| -70°    | 7.6     | 8.4  | 9.1     | 9.8    | 10.5    | 11.2 | 11.9    | 12.5   | 13.2    | 13.8 | 14.5    |
| -71.25° | 7.0     | 7.8  | 8.6     | 9.2    | 9.9     | 10.5 | 11.1    | 11.8   | 12.4    | 13.0 | 13.6    |
| -72.5°  | 6.4     | 7.2  | 7.9     | 8.6    | 9.2     | 9.8  | 10.4    | 11.0   | 11.6    | 12.2 | 12.7    |
| -73.75° | 5.8     | 6.5  | 7.2     | 7.9    | 8.6     | 9.1  | 9.7     | 10.2   | 10.8    | 11.3 | 11.8    |
| -75°    | 5.2     | 5.9  | 6.5     | 7.2    | 7.8     | 8.4  | 8.9     | 9.4    | 10.0    | 10.4 | 10.9    |
| -76.25° | 4.6     | 5.2  | 5.8     | 6.4    | 7.0     | 7.6  | 8.2     | 8.7    | 9.1     | 9.6  | 10.0    |
| -77.5°  | 4.0     | 4.6  | 5.1     | 5.7    | 6.2     | 6.7  | 7.3     | 7.8    | 8.3     | 8.7  | 9.1     |



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**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -78.75° | 3.4     | 3.9  | 4.4     | 4.9    | 5.4     | 5.9  | 6.3     | 6.8    | 7.3     | 7.7  | 8.2     |
| -80°    | 2.9     | 3.3  | 3.7     | 4.1    | 4.6     | 5.0  | 5.4     | 5.8    | 6.2     | 6.7  | 7.1     |
| -81.25° | 2.6     | 2.8  | 3.0     | 3.4    | 3.7     | 4.1  | 4.5     | 4.8    | 5.2     | 5.6  | 5.9     |
| -82.5°  | 2.2     | 2.4  | 2.6     | 2.8    | 3.0     | 3.2  | 3.5     | 3.9    | 4.2     | 4.5  | 4.8     |
| -83.75° | 1.8     | 2.0  | 2.2     | 2.3    | 2.5     | 2.6  | 2.8     | 3.0    | 3.1     | 3.4  | 3.6     |
| -85°    | 1.5     | 1.6  | 1.7     | 1.9    | 2.0     | 2.1  | 2.2     | 2.4    | 2.5     | 2.6  | 2.7     |
| -86.25° | 1.1     | 1.2  | 1.3     | 1.4    | 1.5     | 1.6  | 1.7     | 1.8    | 1.9     | 2.0  | 2.1     |
| -87.5°  | 0.7     | 0.8  | 0.9     | 0.9    | 1.0     | 1.1  | 1.1     | 1.2    | 1.2     | 1.3  | 1.4     |
| -88.75° | 0.4     | 0.4  | 0.4     | 0.5    | 0.5     | 0.5  | 0.6     | 0.6    | 0.6     | 0.7  | 0.7     |
| -90°    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     |



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**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    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  |
| 88.75° | 0.7    | 0.7     | 0.8  | 0.8     | 0.8    | 0.9     | 0.9  | 0.9     | 0.9    | 1.0     | 1.0  |
| 87.5°  | 1.4    | 1.5     | 1.5  | 1.6     | 1.7    | 1.7     | 1.8  | 1.8     | 1.9    | 1.9     | 2.0  |
| 86.25° | 2.1    | 2.2     | 2.3  | 2.4     | 2.5    | 2.6     | 2.7  | 2.7     | 2.8    | 2.9     | 3.0  |
| 85°    | 2.9    | 3.0     | 3.1  | 3.3     | 3.5    | 3.7     | 3.9  | 4.0     | 4.2    | 4.4     | 4.6  |
| 83.75° | 3.9    | 4.1     | 4.4  | 4.6     | 4.9    | 5.1     | 5.3  | 5.6     | 5.8    | 6.0     | 6.2  |
| 82.5°  | 5.1    | 5.4     | 5.7  | 6.0     | 6.3    | 6.5     | 6.8  | 7.1     | 7.4    | 7.6     | 7.9  |
| 81.25° | 6.3    | 6.6     | 7.0  | 7.3     | 7.7    | 8.0     | 8.3  | 8.6     | 8.8    | 9.1     | 9.3  |
| 80°    | 7.5    | 7.9     | 8.3  | 8.6     | 8.9    | 9.2     | 9.5  | 9.8     | 10.1   | 10.4    | 10.7 |
| 78.75° | 8.6    | 8.9     | 9.3  | 9.7     | 10.0   | 10.4    | 10.7 | 11.0    | 11.4   | 11.7    | 12.0 |
| 77.5°  | 9.5    | 9.9     | 10.3 | 10.7    | 11.1   | 11.5    | 11.9 | 12.3    | 12.6   | 13.0    | 13.3 |
| 76.25° | 10.5   | 10.9    | 11.4 | 11.8    | 12.2   | 12.6    | 13.1 | 13.5    | 13.8   | 14.2    | 14.6 |
| 75°    | 11.4   | 11.9    | 12.4 | 12.9    | 13.3   | 13.8    | 14.2 | 14.6    | 15.1   | 15.5    | 15.9 |
| 73.75° | 12.4   | 12.9    | 13.4 | 13.9    | 14.4   | 14.9    | 15.3 | 15.8    | 16.3   | 16.7    | 17.0 |
| 72.5°  | 13.3   | 13.8    | 14.4 | 14.9    | 15.4   | 16.0    | 16.5 | 16.9    | 17.3   | 17.7    | 18.0 |
| 71.25° | 14.2   | 14.8    | 15.4 | 15.9    | 16.5   | 17.0    | 17.4 | 17.8    | 18.2   | 18.6    | 19.0 |
| 70°    | 15.1   | 15.7    | 16.3 | 16.9    | 17.3   | 17.8    | 18.2 | 18.7    | 19.1   | 19.5    | 19.9 |
| 68.75° | 16.0   | 16.6    | 17.1 | 17.6    | 18.1   | 18.6    | 19.1 | 19.5    | 19.9   | 20.2    | 20.5 |
| 67.5°  | 16.8   | 17.4    | 17.9 | 18.4    | 18.9   | 19.4    | 19.9 | 20.2    | 20.5   | 20.8    | 21.2 |
| 66.25° | 17.5   | 18.1    | 18.6 | 19.2    | 19.7   | 20.1    | 20.4 | 20.8    | 21.1   | 21.5    | 21.8 |
| 65°    | 18.2   | 18.7    | 19.3 | 19.8    | 20.2   | 20.6    | 21.0 | 21.4    | 21.7   | 22.4    | 23.1 |
| 63.75° | 18.8   | 19.4    | 19.9 | 20.3    | 20.7   | 21.1    | 21.5 | 22.1    | 22.8   | 23.6    | 24.3 |
| 62.5°  | 19.5   | 20.0    | 20.4 | 20.8    | 21.3   | 21.7    | 22.4 | 23.2    | 24.0   | 24.8    | 25.6 |
| 61.25° | 20.0   | 20.4    | 20.9 | 21.3    | 21.8   | 22.6    | 23.5 | 24.4    | 25.2   | 26.1    | 27.3 |
| 60°    | 20.4   | 20.9    | 21.4 | 21.9    | 22.8   | 23.7    | 24.6 | 25.5    | 26.5   | 27.8    | 29.1 |
| 58.75° | 20.8   | 21.3    | 21.9 | 22.8    | 23.8   | 24.7    | 25.7 | 26.9    | 28.3   | 29.6    | 30.9 |
| 57.5°  | 21.3   | 21.8    | 22.8 | 23.8    | 24.8   | 25.8    | 27.1 | 28.5    | 29.9   | 31.3    | 32.8 |
| 56.25° | 21.7   | 22.6    | 23.7 | 24.7    | 25.8   | 27.2    | 28.7 | 30.2    | 31.6   | 33.2    | 34.9 |
| 55°    | 22.4   | 23.5    | 24.6 | 25.7    | 27.1   | 28.7    | 30.2 | 31.8    | 33.5   | 35.2    | 37.0 |
| 53.75° | 23.2   | 24.4    | 25.5 | 26.9    | 28.5   | 30.2    | 31.8 | 33.6    | 35.4   | 37.2    | 39.0 |
| 52.5°  | 24.0   | 25.2    | 26.5 | 28.3    | 29.9   | 31.6    | 33.5 | 35.4    | 37.3   | 39.2    | 41.3 |
| 51.25° | 24.8   | 26.1    | 27.8 | 29.6    | 31.3   | 33.2    | 35.2 | 37.2    | 39.2   | 41.4    | 43.6 |
| 50°    | 25.6   | 27.3    | 29.1 | 30.9    | 32.8   | 34.9    | 37.0 | 39.0    | 41.3   | 43.6    | 45.8 |
| 48.75° | 26.6   | 28.5    | 30.3 | 32.2    | 34.4   | 36.5    | 38.7 | 41.0    | 43.4   | 45.7    | 48.1 |
| 47.5°  | 27.7   | 29.6    | 31.6 | 33.7    | 35.9   | 38.2    | 40.5 | 43.0    | 45.4   | 47.9    | 50.3 |
| 46.25° | 28.8   | 30.8    | 32.9 | 35.2    | 37.5   | 39.8    | 42.4 | 44.9    | 47.5   | 49.9    | 52.4 |
| 45°    | 29.9   | 31.9    | 34.3 | 36.6    | 39.0   | 41.6    | 44.2 | 46.9    | 49.4   | 52.0    | 54.6 |
| 43.75° | 30.9   | 33.2    | 35.6 | 38.1    | 40.6   | 43.4    | 46.1 | 48.8    | 51.4   | 54.0    | 56.4 |
| 42.5°  | 32.0   | 34.4    | 37.0 | 39.5    | 42.3   | 45.1    | 47.9 | 50.6    | 53.3   | 56.0    | 57.7 |
| 41.25° | 33.1   | 35.7    | 38.3 | 41.0    | 43.9   | 46.8    | 49.6 | 52.4    | 55.2   | 57.3    | 59.0 |
| 40°    | 34.3   | 36.9    | 39.6 | 42.5    | 45.5   | 48.4    | 51.3 | 54.2    | 56.7   | 58.5    | 60.3 |
| 38.75° | 35.4   | 38.1    | 41.0 | 44.0    | 47.0   | 50.0    | 53.0 | 56.0    | 57.9   | 59.7    | 61.5 |
| 37.5°  | 36.5   | 39.3    | 42.4 | 45.5    | 48.6   | 51.6    | 54.7 | 57.1    | 59.0   | 60.8    | 62.9 |
| 36.25° | 37.6   | 40.6    | 43.7 | 46.9    | 50.0   | 53.2    | 56.2 | 58.1    | 60.1   | 62.1    | 64.3 |
| 35°    | 38.7   | 41.8    | 45.1 | 48.3    | 51.5   | 54.7    | 57.2 | 59.2    | 61.1   | 63.4    | 65.7 |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 39.8   | 43.1    | 46.4 | 49.6    | 52.9   | 56.1    | 58.1 | 60.2    | 62.3   | 64.7    | 67.0 |
| 32.5°   | 40.9   | 44.3    | 47.6 | 50.9    | 54.3   | 57.0    | 59.1 | 61.1    | 63.5   | 65.9    | 67.8 |
| 31.25°  | 42.0   | 45.4    | 48.8 | 52.2    | 55.6   | 57.9    | 60.0 | 62.2    | 64.7   | 67.1    | 68.2 |
| 30°     | 43.1   | 46.5    | 50.0 | 53.4    | 56.6   | 58.7    | 60.9 | 63.3    | 65.8   | 67.8    | 68.6 |
| 28.75°  | 44.1   | 47.6    | 51.1 | 54.6    | 57.4   | 59.5    | 61.8 | 64.3    | 66.9   | 68.2    | 69.0 |
| 27.5°   | 45.1   | 48.6    | 52.2 | 55.8    | 58.1   | 60.3    | 62.7 | 65.4    | 67.7   | 68.5    | 69.4 |
| 26.25°  | 46.0   | 49.6    | 53.3 | 56.6    | 58.8   | 61.1    | 63.7 | 66.3    | 68.0   | 68.9    | 69.6 |
| 25°     | 46.9   | 50.6    | 54.3 | 57.2    | 59.5   | 61.9    | 64.6 | 67.3    | 68.3   | 69.2    | 69.6 |
| 23.75°  | 47.8   | 51.5    | 55.2 | 57.9    | 60.2   | 62.7    | 65.4 | 67.7    | 68.6   | 69.6    | 69.6 |
| 22.5°   | 48.6   | 52.4    | 56.1 | 58.5    | 60.8   | 63.5    | 66.3 | 68.0    | 68.9   | 69.6    | 69.6 |
| 21.25°  | 49.4   | 53.2    | 56.7 | 59.0    | 61.4   | 64.2    | 67.0 | 68.3    | 69.2   | 69.6    | 69.6 |
| 20°     | 50.2   | 54.0    | 57.2 | 59.6    | 62.1   | 64.9    | 67.6 | 68.6    | 69.5   | 69.6    | 69.6 |
| 18.75°  | 50.9   | 54.8    | 57.7 | 60.1    | 62.7   | 65.6    | 67.8 | 68.8    | 69.6   | 69.6    | 69.6 |
| 17.5°   | 51.5   | 55.5    | 58.1 | 60.6    | 63.3   | 66.2    | 68.1 | 69.0    | 69.6   | 69.6    | 69.6 |
| 16.25°  | 52.2   | 56.1    | 58.6 | 61.0    | 63.9   | 66.8    | 68.3 | 69.3    | 69.6   | 69.6    | 69.6 |
| 15°     | 52.7   | 56.5    | 59.0 | 61.5    | 64.4   | 67.4    | 68.5 | 69.5    | 69.6   | 69.6    | 69.6 |
| 13.75°  | 53.3   | 56.8    | 59.3 | 61.9    | 64.9   | 67.6    | 68.6 | 69.6    | 69.6   | 69.6    | 69.6 |
| 12.5°   | 53.8   | 57.2    | 59.7 | 62.4    | 65.4   | 67.8    | 68.8 | 69.6    | 69.6   | 69.6    | 69.6 |
| 11.25°  | 54.2   | 57.4    | 60.0 | 62.7    | 65.8   | 67.9    | 69.0 | 69.6    | 69.6   | 69.6    | 69.6 |
| 10°     | 54.6   | 57.7    | 60.3 | 63.1    | 66.1   | 68.1    | 69.1 | 69.6    | 69.6   | 69.6    | 69.6 |
| 8.75°   | 54.9   | 57.9    | 60.5 | 63.4    | 66.4   | 68.2    | 69.2 | 69.6    | 69.6   | 69.6    | 69.6 |
| 7.5°    | 55.3   | 58.1    | 60.7 | 63.7    | 66.7   | 68.3    | 69.3 | 69.6    | 69.6   | 69.6    | 69.6 |
| 6.25°   | 55.5   | 58.3    | 60.9 | 63.9    | 67.0   | 68.4    | 69.4 | 69.6    | 69.6   | 69.6    | 69.6 |
| 5°      | 55.7   | 58.5    | 61.0 | 64.1    | 67.2   | 68.4    | 69.5 | 69.6    | 69.6   | 69.6    | 69.6 |
| 3.75°   | 55.9   | 58.6    | 61.2 | 64.2    | 67.3   | 68.5    | 69.5 | 69.6    | 69.6   | 69.6    | 69.6 |
| 2.5°    | 56.0   | 58.6    | 61.2 | 64.3    | 67.4   | 68.5    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 |
| 1.25°   | 56.1   | 58.7    | 61.3 | 64.4    | 67.5   | 68.5    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 |
| 0°      | 56.1   | 58.7    | 61.3 | 64.4    | 67.5   | 68.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 |
| -1.25°  | 56.1   | 58.7    | 61.3 | 64.4    | 67.5   | 68.5    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 |
| -2.5°   | 56.0   | 58.6    | 61.2 | 64.3    | 67.4   | 68.5    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 |
| -3.75°  | 55.9   | 58.6    | 61.2 | 64.2    | 67.3   | 68.5    | 69.5 | 69.6    | 69.6   | 69.6    | 69.6 |
| -5°     | 55.7   | 58.5    | 61.0 | 64.1    | 67.2   | 68.4    | 69.5 | 69.6    | 69.6   | 69.6    | 69.6 |
| -6.25°  | 55.5   | 58.3    | 60.9 | 63.9    | 67.0   | 68.4    | 69.4 | 69.6    | 69.6   | 69.6    | 69.6 |
| -7.5°   | 55.3   | 58.1    | 60.7 | 63.7    | 66.7   | 68.3    | 69.3 | 69.6    | 69.6   | 69.6    | 69.6 |
| -8.75°  | 54.9   | 57.9    | 60.5 | 63.4    | 66.4   | 68.2    | 69.2 | 69.6    | 69.6   | 69.6    | 69.6 |
| -10°    | 54.6   | 57.7    | 60.3 | 63.1    | 66.1   | 68.1    | 69.1 | 69.6    | 69.6   | 69.6    | 69.6 |
| -11.25° | 54.2   | 57.4    | 60.0 | 62.7    | 65.8   | 67.9    | 69.0 | 69.6    | 69.6   | 69.6    | 69.6 |
| -12.5°  | 53.8   | 57.2    | 59.7 | 62.4    | 65.4   | 67.8    | 68.8 | 69.6    | 69.6   | 69.6    | 69.6 |
| -13.75° | 53.3   | 56.8    | 59.3 | 61.9    | 64.9   | 67.6    | 68.6 | 69.6    | 69.6   | 69.6    | 69.6 |
| -15°    | 52.7   | 56.5    | 59.0 | 61.5    | 64.4   | 67.4    | 68.5 | 69.5    | 69.6   | 69.6    | 69.6 |
| -16.25° | 52.2   | 56.1    | 58.6 | 61.0    | 63.9   | 66.8    | 68.3 | 69.3    | 69.6   | 69.6    | 69.6 |
| -17.5°  | 51.5   | 55.5    | 58.1 | 60.6    | 63.3   | 66.2    | 68.1 | 69.0    | 69.6   | 69.6    | 69.6 |
| -18.75° | 50.9   | 54.8    | 57.7 | 60.1    | 62.7   | 65.6    | 67.8 | 68.8    | 69.6   | 69.6    | 69.6 |
| -20°    | 50.2   | 54.0    | 57.2 | 59.6    | 62.1   | 64.9    | 67.6 | 68.6    | 69.5   | 69.6    | 69.6 |
| -21.25° | 49.4   | 53.2    | 56.7 | 59.0    | 61.4   | 64.2    | 67.0 | 68.3    | 69.2   | 69.6    | 69.6 |





REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 48.6   | 52.4    | 56.1 | 58.5    | 60.8   | 63.5    | 66.3 | 68.0    | 68.9   | 69.6    | 69.6 |
| -23.75° | 47.8   | 51.5    | 55.2 | 57.9    | 60.2   | 62.7    | 65.4 | 67.7    | 68.6   | 69.6    | 69.6 |
| -25°    | 46.9   | 50.6    | 54.3 | 57.2    | 59.5   | 61.9    | 64.6 | 67.3    | 68.3   | 69.2    | 69.6 |
| -26.25° | 46.0   | 49.6    | 53.3 | 56.6    | 58.8   | 61.1    | 63.7 | 66.3    | 68.0   | 68.9    | 69.6 |
| -27.5°  | 45.1   | 48.6    | 52.2 | 55.8    | 58.1   | 60.3    | 62.7 | 65.4    | 67.7   | 68.5    | 69.4 |
| -28.75° | 44.1   | 47.6    | 51.1 | 54.6    | 57.4   | 59.5    | 61.8 | 64.3    | 66.9   | 68.2    | 69.0 |
| -30°    | 43.1   | 46.5    | 50.0 | 53.4    | 56.6   | 58.7    | 60.9 | 63.3    | 65.8   | 67.8    | 68.6 |
| -31.25° | 42.0   | 45.4    | 48.8 | 52.2    | 55.6   | 57.9    | 60.0 | 62.2    | 64.7   | 67.1    | 68.2 |
| -32.5°  | 40.9   | 44.3    | 47.6 | 50.9    | 54.3   | 57.0    | 59.1 | 61.1    | 63.5   | 65.9    | 67.8 |
| -33.75° | 39.8   | 43.1    | 46.4 | 49.6    | 52.9   | 56.1    | 58.1 | 60.2    | 62.3   | 64.7    | 67.0 |
| -35°    | 38.7   | 41.8    | 45.1 | 48.3    | 51.5   | 54.7    | 57.2 | 59.2    | 61.1   | 63.4    | 65.7 |
| -36.25° | 37.6   | 40.6    | 43.7 | 46.9    | 50.0   | 53.2    | 56.2 | 58.1    | 60.1   | 62.1    | 64.3 |
| -37.5°  | 36.5   | 39.3    | 42.4 | 45.5    | 48.6   | 51.6    | 54.7 | 57.1    | 59.0   | 60.8    | 62.9 |
| -38.75° | 35.4   | 38.1    | 41.0 | 44.0    | 47.0   | 50.0    | 53.0 | 56.0    | 57.9   | 59.7    | 61.5 |
| -40°    | 34.3   | 36.9    | 39.6 | 42.5    | 45.5   | 48.4    | 51.3 | 54.2    | 56.7   | 58.5    | 60.3 |
| -41.25° | 33.1   | 35.7    | 38.3 | 41.0    | 43.9   | 46.8    | 49.6 | 52.4    | 55.2   | 57.3    | 59.0 |
| -42.5°  | 32.0   | 34.4    | 37.0 | 39.5    | 42.3   | 45.1    | 47.9 | 50.6    | 53.3   | 56.0    | 57.7 |
| -43.75° | 30.9   | 33.2    | 35.6 | 38.1    | 40.6   | 43.4    | 46.1 | 48.8    | 51.4   | 54.0    | 56.4 |
| -45°    | 29.9   | 31.9    | 34.3 | 36.6    | 39.0   | 41.6    | 44.2 | 46.9    | 49.4   | 52.0    | 54.6 |
| -46.25° | 28.8   | 30.8    | 32.9 | 35.2    | 37.5   | 39.8    | 42.4 | 44.9    | 47.5   | 49.9    | 52.4 |
| -47.5°  | 27.7   | 29.6    | 31.6 | 33.7    | 35.9   | 38.2    | 40.5 | 43.0    | 45.4   | 47.9    | 50.3 |
| -48.75° | 26.6   | 28.5    | 30.3 | 32.2    | 34.4   | 36.5    | 38.7 | 41.0    | 43.4   | 45.7    | 48.1 |
| -50°    | 25.6   | 27.3    | 29.1 | 30.9    | 32.8   | 34.9    | 37.0 | 39.0    | 41.3   | 43.6    | 45.8 |
| -51.25° | 24.8   | 26.1    | 27.8 | 29.6    | 31.3   | 33.2    | 35.2 | 37.2    | 39.2   | 41.4    | 43.6 |
| -52.5°  | 24.0   | 25.2    | 26.5 | 28.3    | 29.9   | 31.6    | 33.5 | 35.4    | 37.3   | 39.2    | 41.3 |
| -53.75° | 23.2   | 24.4    | 25.5 | 26.9    | 28.5   | 30.2    | 31.8 | 33.6    | 35.4   | 37.2    | 39.0 |
| -55°    | 22.4   | 23.5    | 24.6 | 25.7    | 27.1   | 28.7    | 30.2 | 31.8    | 33.5   | 35.2    | 37.0 |
| -56.25° | 21.7   | 22.6    | 23.7 | 24.7    | 25.8   | 27.2    | 28.7 | 30.2    | 31.6   | 33.2    | 34.9 |
| -57.5°  | 21.3   | 21.8    | 22.8 | 23.8    | 24.8   | 25.8    | 27.1 | 28.5    | 29.9   | 31.3    | 32.8 |
| -58.75° | 20.8   | 21.3    | 21.9 | 22.8    | 23.8   | 24.7    | 25.7 | 26.9    | 28.3   | 29.6    | 30.9 |
| -60°    | 20.4   | 20.9    | 21.4 | 21.9    | 22.8   | 23.7    | 24.6 | 25.5    | 26.5   | 27.8    | 29.1 |
| -61.25° | 20.0   | 20.4    | 20.9 | 21.3    | 21.8   | 22.6    | 23.5 | 24.4    | 25.2   | 26.1    | 27.3 |
| -62.5°  | 19.5   | 20.0    | 20.4 | 20.8    | 21.3   | 21.7    | 22.4 | 23.2    | 24.0   | 24.8    | 25.6 |
| -63.75° | 18.8   | 19.4    | 19.9 | 20.3    | 20.7   | 21.1    | 21.5 | 22.1    | 22.8   | 23.6    | 24.3 |
| -65°    | 18.2   | 18.7    | 19.3 | 19.8    | 20.2   | 20.6    | 21.0 | 21.4    | 21.7   | 22.4    | 23.1 |
| -66.25° | 17.5   | 18.1    | 18.6 | 19.2    | 19.7   | 20.1    | 20.4 | 20.8    | 21.1   | 21.5    | 21.8 |
| -67.5°  | 16.8   | 17.4    | 17.9 | 18.4    | 18.9   | 19.4    | 19.9 | 20.2    | 20.5   | 20.8    | 21.2 |
| -68.75° | 16.0   | 16.6    | 17.1 | 17.6    | 18.1   | 18.6    | 19.1 | 19.5    | 19.9   | 20.2    | 20.5 |
| -70°    | 15.1   | 15.7    | 16.3 | 16.9    | 17.3   | 17.8    | 18.2 | 18.7    | 19.1   | 19.5    | 19.9 |
| -71.25° | 14.2   | 14.8    | 15.4 | 15.9    | 16.5   | 17.0    | 17.4 | 17.8    | 18.2   | 18.6    | 19.0 |
| -72.5°  | 13.3   | 13.8    | 14.4 | 14.9    | 15.4   | 16.0    | 16.5 | 16.9    | 17.3   | 17.7    | 18.0 |
| -73.75° | 12.4   | 12.9    | 13.4 | 13.9    | 14.4   | 14.9    | 15.3 | 15.8    | 16.3   | 16.7    | 17.0 |
| -75°    | 11.4   | 11.9    | 12.4 | 12.9    | 13.3   | 13.8    | 14.2 | 14.6    | 15.1   | 15.5    | 15.9 |
| -76.25° | 10.5   | 10.9    | 11.4 | 11.8    | 12.2   | 12.6    | 13.1 | 13.5    | 13.8   | 14.2    | 14.6 |
| -77.5°  | 9.5    | 9.9     | 10.3 | 10.7    | 11.1   | 11.5    | 11.9 | 12.3    | 12.6   | 13.0    | 13.3 |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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° | 8.6    | 8.9     | 9.3  | 9.7     | 10.0   | 10.4    | 10.7 | 11.0    | 11.4   | 11.7    | 12.0 |
| -80°    | 7.5    | 7.9     | 8.3  | 8.6     | 8.9    | 9.2     | 9.5  | 9.8     | 10.1   | 10.4    | 10.7 |
| -81.25° | 6.3    | 6.6     | 7.0  | 7.3     | 7.7    | 8.0     | 8.3  | 8.6     | 8.8    | 9.1     | 9.3  |
| -82.5°  | 5.1    | 5.4     | 5.7  | 6.0     | 6.3    | 6.5     | 6.8  | 7.1     | 7.4    | 7.6     | 7.9  |
| -83.75° | 3.9    | 4.1     | 4.4  | 4.6     | 4.9    | 5.1     | 5.3  | 5.6     | 5.8    | 6.0     | 6.2  |
| -85°    | 2.9    | 3.0     | 3.1  | 3.3     | 3.5    | 3.7     | 3.9  | 4.0     | 4.2    | 4.4     | 4.6  |
| -86.25° | 2.1    | 2.2     | 2.3  | 2.4     | 2.5    | 2.6     | 2.7  | 2.7     | 2.8    | 2.9     | 3.0  |
| -87.5°  | 1.4    | 1.5     | 1.5  | 1.6     | 1.7    | 1.7     | 1.8  | 1.8     | 1.9    | 1.9     | 2.0  |
| -88.75° | 0.7    | 0.7     | 0.8  | 0.8     | 0.8    | 0.9     | 0.9  | 0.9     | 0.9    | 1.0     | 1.0  |
| -90°    | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     |
| 88.75° | 1.0     | 1.0    | 1.1     | 1.1  | 1.1     | 1.1    | 1.2     | 1.2  | 1.2     | 1.2    | 1.2     |
| 87.5°  | 2.0     | 2.1    | 2.1     | 2.2  | 2.2     | 2.3    | 2.3     | 2.4  | 2.4     | 2.5    | 2.5     |
| 86.25° | 3.1     | 3.2    | 3.3     | 3.4  | 3.5     | 3.6    | 3.8     | 3.9  | 4.0     | 4.1    | 4.2     |
| 85°    | 4.8     | 4.9    | 5.1     | 5.2  | 5.4     | 5.6    | 5.7     | 5.9  | 6.0     | 6.1    | 6.3     |
| 83.75° | 6.5     | 6.7    | 6.9     | 7.1  | 7.3     | 7.5    | 7.7     | 7.9  | 8.0     | 8.2    | 8.4     |
| 82.5°  | 8.2     | 8.4    | 8.6     | 8.8  | 9.0     | 9.2    | 9.4     | 9.5  | 9.7     | 9.9    | 10.1    |
| 81.25° | 9.6     | 9.8    | 10.0    | 10.3 | 10.5    | 10.7   | 10.9    | 11.1 | 11.3    | 11.5   | 11.7    |
| 80°    | 10.9    | 11.2   | 11.5    | 11.7 | 12.0    | 12.3   | 12.5    | 12.7 | 13.0    | 13.2   | 13.4    |
| 78.75° | 12.3    | 12.6   | 12.9    | 13.2 | 13.5    | 13.8   | 14.0    | 14.3 | 14.6    | 14.8   | 15.0    |
| 77.5°  | 13.7    | 14.0   | 14.3    | 14.6 | 15.0    | 15.3   | 15.6    | 15.9 | 16.1    | 16.4   | 16.7    |
| 76.25° | 15.0    | 15.4   | 15.7    | 16.1 | 16.4    | 16.7   | 17.0    | 17.2 | 17.4    | 17.7   | 17.9    |
| 75°    | 16.3    | 16.7   | 17.0    | 17.3 | 17.6    | 17.8   | 18.1    | 18.4 | 18.6    | 18.9   | 19.1    |
| 73.75° | 17.4    | 17.7   | 18.0    | 18.4 | 18.7    | 19.0   | 19.3    | 19.5 | 19.8    | 20.0   | 20.2    |
| 72.5°  | 18.4    | 18.7   | 19.1    | 19.4 | 19.7    | 20.0   | 20.2    | 20.4 | 20.6    | 20.8   | 21.0    |
| 71.25° | 19.4    | 19.7   | 20.0    | 20.2 | 20.5    | 20.7   | 20.9    | 21.2 | 21.4    | 21.6   | 21.8    |
| 70°    | 20.1    | 20.4   | 20.7    | 21.0 | 21.2    | 21.5   | 21.7    | 22.1 | 22.6    | 23.1   | 23.5    |
| 68.75° | 20.8    | 21.1   | 21.4    | 21.7 | 22.1    | 22.6   | 23.2    | 23.7 | 24.2    | 24.7   | 25.2    |
| 67.5°  | 21.5    | 21.8   | 22.4    | 23.0 | 23.6    | 24.1   | 24.7    | 25.2 | 25.8    | 26.4   | 27.2    |
| 66.25° | 22.5    | 23.1   | 23.8    | 24.4 | 25.0    | 25.6   | 26.3    | 27.2 | 28.0    | 28.8   | 29.6    |
| 65°    | 23.8    | 24.5   | 25.1    | 25.8 | 26.7    | 27.6   | 28.5    | 29.4 | 30.3    | 31.2   | 32.0    |
| 63.75° | 25.1    | 25.8   | 26.8    | 27.8 | 28.8    | 29.8   | 30.8    | 31.7 | 32.7    | 33.8   | 34.8    |
| 62.5°  | 26.6    | 27.7   | 28.8    | 29.9 | 30.9    | 32.0   | 33.1    | 34.3 | 35.4    | 36.5   | 37.6    |
| 61.25° | 28.5    | 29.6   | 30.8    | 31.9 | 33.2    | 34.4   | 35.7    | 36.9 | 38.1    | 39.3   | 40.6    |
| 60°    | 30.3    | 31.6   | 32.9    | 34.3 | 35.6    | 37.0   | 38.3    | 39.6 | 41.0    | 42.4   | 43.7    |
| 58.75° | 32.2    | 33.7   | 35.2    | 36.6 | 38.1    | 39.5   | 41.0    | 42.5 | 44.0    | 45.5   | 46.9    |
| 57.5°  | 34.4    | 35.9   | 37.5    | 39.0 | 40.6    | 42.3   | 43.9    | 45.5 | 47.0    | 48.6   | 50.0    |
| 56.25° | 36.5    | 38.2   | 39.8    | 41.6 | 43.4    | 45.1   | 46.8    | 48.4 | 50.0    | 51.6   | 53.2    |
| 55°    | 38.7    | 40.5   | 42.4    | 44.2 | 46.1    | 47.9   | 49.6    | 51.3 | 53.0    | 54.7   | 56.2    |
| 53.75° | 41.0    | 43.0   | 44.9    | 46.9 | 48.8    | 50.6   | 52.4    | 54.2 | 56.0    | 57.1   | 58.1    |
| 52.5°  | 43.4    | 45.4   | 47.5    | 49.4 | 51.4    | 53.3   | 55.2    | 56.7 | 57.9    | 59.0   | 60.1    |
| 51.25° | 45.7    | 47.9   | 49.9    | 52.0 | 54.0    | 56.0   | 57.3    | 58.5 | 59.7    | 60.8   | 62.1    |
| 50°    | 48.1    | 50.3   | 52.4    | 54.6 | 56.4    | 57.7   | 59.0    | 60.3 | 61.5    | 62.9   | 64.3    |
| 48.75° | 50.4    | 52.6   | 54.9    | 56.7 | 58.1    | 59.4   | 60.7    | 62.1 | 63.6    | 65.1   | 66.6    |
| 47.5°  | 52.6    | 55.0   | 56.8    | 58.3 | 59.7    | 61.0   | 62.6    | 64.2 | 65.8    | 67.3   | 67.9    |
| 46.25° | 54.9    | 56.8   | 58.3    | 59.8 | 61.2    | 62.9   | 64.6    | 66.2 | 67.6    | 68.1   | 68.7    |
| 45°    | 56.7    | 58.3   | 59.8    | 61.3 | 63.1    | 64.8   | 66.5    | 67.8 | 68.3    | 68.9   | 69.4    |
| 43.75° | 58.1    | 59.7   | 61.2    | 63.1 | 64.9    | 66.7   | 67.8    | 68.4 | 69.0    | 69.6   | 69.6    |
| 42.5°  | 59.4    | 61.0   | 62.9    | 64.8 | 66.7    | 67.9   | 68.5    | 69.1 | 69.6    | 69.6   | 69.6    |
| 41.25° | 60.7    | 62.6   | 64.6    | 66.5 | 67.8    | 68.5   | 69.1    | 69.6 | 69.6    | 69.6   | 69.6    |
| 40°    | 62.1    | 64.2   | 66.2    | 67.8 | 68.4    | 69.1   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    |
| 38.75° | 63.6    | 65.8   | 67.6    | 68.3 | 69.0    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    |
| 37.5°  | 65.1    | 67.3   | 68.1    | 68.9 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    |
| 36.25° | 66.6    | 67.9   | 68.7    | 69.4 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 70.1    |
| 35°    | 67.7    | 68.4   | 69.2    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 70.0   | 70.7    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 68.1    | 68.9   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 70.0    | 70.7   | 71.4    |
| 32.5°   | 68.6    | 69.4   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.8 | 70.5    | 71.3   | 72.1    |
| 31.25°  | 69.0    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 70.4 | 71.1    | 72.0   | 73.0    |
| 30°     | 69.4    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 70.1    | 70.9 | 71.7    | 72.8   | 73.9    |
| 28.75°  | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.8   | 70.6    | 71.4 | 72.5    | 73.6   | 74.8    |
| 27.5°   | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 70.3   | 71.1    | 72.1 | 73.3    | 74.5   | 75.6    |
| 26.25°  | 69.6    | 69.6   | 69.6    | 69.6 | 69.9    | 70.8   | 71.6    | 72.8 | 74.0    | 75.2   | 76.4    |
| 25°     | 69.6    | 69.6   | 69.6    | 69.6 | 70.4    | 71.2   | 72.3    | 73.5 | 74.8    | 76.0   | 77.2    |
| 23.75°  | 69.6    | 69.6   | 69.6    | 69.9 | 70.8    | 71.7   | 72.9    | 74.2 | 75.5    | 76.7   | 78.0    |
| 22.5°   | 69.6    | 69.6   | 69.6    | 70.3 | 71.2    | 72.2   | 73.6    | 74.9 | 76.2    | 77.4   | 78.7    |
| 21.25°  | 69.6    | 69.6   | 69.7    | 70.6 | 71.5    | 72.8   | 74.2    | 75.5 | 76.8    | 78.1   | 79.4    |
| 20°     | 69.6    | 69.6   | 70.0    | 71.0 | 72.0    | 73.4   | 74.7    | 76.1 | 77.4    | 78.8   | 80.1    |
| 18.75°  | 69.6    | 69.6   | 70.4    | 71.3 | 72.5    | 73.9   | 75.3    | 76.7 | 78.0    | 79.4   | 80.7    |
| 17.5°   | 69.6    | 69.7   | 70.7    | 71.6 | 73.0    | 74.4   | 75.8    | 77.2 | 78.6    | 80.0   | 81.3    |
| 16.25°  | 69.6    | 70.0   | 70.9    | 72.0 | 73.4    | 74.9   | 76.3    | 77.7 | 79.1    | 80.5   | 81.9    |
| 15°     | 69.6    | 70.2   | 71.2    | 72.4 | 73.9    | 75.3   | 76.7    | 78.2 | 79.6    | 81.0   | 82.4    |
| 13.75°  | 69.6    | 70.5   | 71.4    | 72.8 | 74.3    | 75.7   | 77.2    | 78.6 | 80.1    | 81.5   | 82.9    |
| 12.5°   | 69.7    | 70.7   | 71.7    | 73.1 | 74.6    | 76.1   | 77.6    | 79.0 | 80.5    | 81.9   | 83.4    |
| 11.25°  | 69.8    | 70.9   | 72.0    | 73.4 | 74.9    | 76.4   | 77.9    | 79.4 | 80.9    | 82.3   | 83.8    |
| 10°     | 70.0    | 71.0   | 72.2    | 73.7 | 75.2    | 76.7   | 78.2    | 79.7 | 81.2    | 82.7   | 84.3    |
| 8.75°   | 70.2    | 71.2   | 72.5    | 74.0 | 75.5    | 77.0   | 78.5    | 80.0 | 81.5    | 83.0   | 85.0    |
| 7.5°    | 70.3    | 71.3   | 72.7    | 74.2 | 75.7    | 77.2   | 78.8    | 80.3 | 81.8    | 83.3   | 85.6    |
| 6.25°   | 70.4    | 71.4   | 72.8    | 74.4 | 75.9    | 77.4   | 79.0    | 80.5 | 82.0    | 83.6   | 86.1    |
| 5°      | 70.5    | 71.5   | 73.0    | 74.5 | 76.1    | 77.6   | 79.1    | 80.7 | 82.2    | 83.7   | 86.5    |
| 3.75°   | 70.6    | 71.6   | 73.1    | 74.6 | 76.2    | 77.7   | 79.3    | 80.8 | 82.4    | 83.9   | 86.8    |
| 2.5°    | 70.6    | 71.7   | 73.2    | 74.7 | 76.3    | 77.8   | 79.4    | 80.9 | 82.5    | 84.0   | 87.1    |
| 1.25°   | 70.6    | 71.7   | 73.2    | 74.8 | 76.3    | 77.9   | 79.4    | 81.0 | 82.5    | 84.1   | 87.2    |
| 0°      | 70.7    | 71.7   | 73.3    | 74.8 | 76.4    | 77.9   | 79.5    | 81.0 | 82.6    | 84.1   | 87.3    |
| -1.25°  | 70.6    | 71.7   | 73.2    | 74.8 | 76.3    | 77.9   | 79.4    | 81.0 | 82.5    | 84.1   | 87.2    |
| -2.5°   | 70.6    | 71.7   | 73.2    | 74.7 | 76.3    | 77.8   | 79.4    | 80.9 | 82.5    | 84.0   | 87.1    |
| -3.75°  | 70.6    | 71.6   | 73.1    | 74.6 | 76.2    | 77.7   | 79.3    | 80.8 | 82.4    | 83.9   | 86.8    |
| -5°     | 70.5    | 71.5   | 73.0    | 74.5 | 76.1    | 77.6   | 79.1    | 80.7 | 82.2    | 83.7   | 86.5    |
| -6.25°  | 70.4    | 71.4   | 72.8    | 74.4 | 75.9    | 77.4   | 79.0    | 80.5 | 82.0    | 83.6   | 86.1    |
| -7.5°   | 70.3    | 71.3   | 72.7    | 74.2 | 75.7    | 77.2   | 78.8    | 80.3 | 81.8    | 83.3   | 85.6    |
| -8.75°  | 70.2    | 71.2   | 72.5    | 74.0 | 75.5    | 77.0   | 78.5    | 80.0 | 81.5    | 83.0   | 85.0    |
| -10°    | 70.0    | 71.0   | 72.2    | 73.7 | 75.2    | 76.7   | 78.2    | 79.7 | 81.2    | 82.7   | 84.3    |
| -11.25° | 69.8    | 70.9   | 72.0    | 73.4 | 74.9    | 76.4   | 77.9    | 79.4 | 80.9    | 82.3   | 83.8    |
| -12.5°  | 69.7    | 70.7   | 71.7    | 73.1 | 74.6    | 76.1   | 77.6    | 79.0 | 80.5    | 81.9   | 83.4    |
| -13.75° | 69.6    | 70.5   | 71.4    | 72.8 | 74.3    | 75.7   | 77.2    | 78.6 | 80.1    | 81.5   | 82.9    |
| -15°    | 69.6    | 70.2   | 71.2    | 72.4 | 73.9    | 75.3   | 76.7    | 78.2 | 79.6    | 81.0   | 82.4    |
| -16.25° | 69.6    | 70.0   | 70.9    | 72.0 | 73.4    | 74.9   | 76.3    | 77.7 | 79.1    | 80.5   | 81.9    |
| -17.5°  | 69.6    | 69.7   | 70.7    | 71.6 | 73.0    | 74.4   | 75.8    | 77.2 | 78.6    | 80.0   | 81.3    |
| -18.75° | 69.6    | 69.6   | 70.4    | 71.3 | 72.5    | 73.9   | 75.3    | 76.7 | 78.0    | 79.4   | 80.7    |
| -20°    | 69.6    | 69.6   | 70.0    | 71.0 | 72.0    | 73.4   | 74.7    | 76.1 | 77.4    | 78.8   | 80.1    |
| -21.25° | 69.6    | 69.6   | 69.7    | 70.6 | 71.5    | 72.8   | 74.2    | 75.5 | 76.8    | 78.1   | 79.4    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 69.6    | 69.6   | 69.6    | 70.3 | 71.2    | 72.2   | 73.6    | 74.9 | 76.2    | 77.4   | 78.7    |
| -23.75° | 69.6    | 69.6   | 69.6    | 69.9 | 70.8    | 71.7   | 72.9    | 74.2 | 75.5    | 76.7   | 78.0    |
| -25°    | 69.6    | 69.6   | 69.6    | 69.6 | 70.4    | 71.2   | 72.3    | 73.5 | 74.8    | 76.0   | 77.2    |
| -26.25° | 69.6    | 69.6   | 69.6    | 69.6 | 69.9    | 70.8   | 71.6    | 72.8 | 74.0    | 75.2   | 76.4    |
| -27.5°  | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 70.3   | 71.1    | 72.1 | 73.3    | 74.5   | 75.6    |
| -28.75° | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.8   | 70.6    | 71.4 | 72.5    | 73.6   | 74.8    |
| -30°    | 69.4    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 70.1    | 70.9 | 71.7    | 72.8   | 73.9    |
| -31.25° | 69.0    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 70.4 | 71.1    | 72.0   | 73.0    |
| -32.5°  | 68.6    | 69.4   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.8 | 70.5    | 71.3   | 72.1    |
| -33.75° | 68.1    | 68.9   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 70.0    | 70.7   | 71.4    |
| -35°    | 67.7    | 68.4   | 69.2    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 70.0   | 70.7    |
| -36.25° | 66.6    | 67.9   | 68.7    | 69.4 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 70.1    |
| -37.5°  | 65.1    | 67.3   | 68.1    | 68.9 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    |
| -38.75° | 63.6    | 65.8   | 67.6    | 68.3 | 69.0    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    |
| -40°    | 62.1    | 64.2   | 66.2    | 67.8 | 68.4    | 69.1   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    |
| -41.25° | 60.7    | 62.6   | 64.6    | 66.5 | 67.8    | 68.5   | 69.1    | 69.6 | 69.6    | 69.6   | 69.6    |
| -42.5°  | 59.4    | 61.0   | 62.9    | 64.8 | 66.7    | 67.9   | 68.5    | 69.1 | 69.6    | 69.6   | 69.6    |
| -43.75° | 58.1    | 59.7   | 61.2    | 63.1 | 64.9    | 66.7   | 67.8    | 68.4 | 69.0    | 69.6   | 69.6    |
| -45°    | 56.7    | 58.3   | 59.8    | 61.3 | 63.1    | 64.8   | 66.5    | 67.8 | 68.3    | 68.9   | 69.4    |
| -46.25° | 54.9    | 56.8   | 58.3    | 59.8 | 61.2    | 62.9   | 64.6    | 66.2 | 67.6    | 68.1   | 68.7    |
| -47.5°  | 52.6    | 55.0   | 56.8    | 58.3 | 59.7    | 61.0   | 62.6    | 64.2 | 65.8    | 67.3   | 67.9    |
| -48.75° | 50.4    | 52.6   | 54.9    | 56.7 | 58.1    | 59.4   | 60.7    | 62.1 | 63.6    | 65.1   | 66.6    |
| -50°    | 48.1    | 50.3   | 52.4    | 54.6 | 56.4    | 57.7   | 59.0    | 60.3 | 61.5    | 62.9   | 64.3    |
| -51.25° | 45.7    | 47.9   | 49.9    | 52.0 | 54.0    | 56.0   | 57.3    | 58.5 | 59.7    | 60.8   | 62.1    |
| -52.5°  | 43.4    | 45.4   | 47.5    | 49.4 | 51.4    | 53.3   | 55.2    | 56.7 | 57.9    | 59.0   | 60.1    |
| -53.75° | 41.0    | 43.0   | 44.9    | 46.9 | 48.8    | 50.6   | 52.4    | 54.2 | 56.0    | 57.1   | 58.1    |
| -55°    | 38.7    | 40.5   | 42.4    | 44.2 | 46.1    | 47.9   | 49.6    | 51.3 | 53.0    | 54.7   | 56.2    |
| -56.25° | 36.5    | 38.2   | 39.8    | 41.6 | 43.4    | 45.1   | 46.8    | 48.4 | 50.0    | 51.6   | 53.2    |
| -57.5°  | 34.4    | 35.9   | 37.5    | 39.0 | 40.6    | 42.3   | 43.9    | 45.5 | 47.0    | 48.6   | 50.0    |
| -58.75° | 32.2    | 33.7   | 35.2    | 36.6 | 38.1    | 39.5   | 41.0    | 42.5 | 44.0    | 45.5   | 46.9    |
| -60°    | 30.3    | 31.6   | 32.9    | 34.3 | 35.6    | 37.0   | 38.3    | 39.6 | 41.0    | 42.4   | 43.7    |
| -61.25° | 28.5    | 29.6   | 30.8    | 31.9 | 33.2    | 34.4   | 35.7    | 36.9 | 38.1    | 39.3   | 40.6    |
| -62.5°  | 26.6    | 27.7   | 28.8    | 29.9 | 30.9    | 32.0   | 33.1    | 34.3 | 35.4    | 36.5   | 37.6    |
| -63.75° | 25.1    | 25.8   | 26.8    | 27.8 | 28.8    | 29.8   | 30.8    | 31.7 | 32.7    | 33.8   | 34.8    |
| -65°    | 23.8    | 24.5   | 25.1    | 25.8 | 26.7    | 27.6   | 28.5    | 29.4 | 30.3    | 31.2   | 32.0    |
| -66.25° | 22.5    | 23.1   | 23.8    | 24.4 | 25.0    | 25.6   | 26.3    | 27.2 | 28.0    | 28.8   | 29.6    |
| -67.5°  | 21.5    | 21.8   | 22.4    | 23.0 | 23.6    | 24.1   | 24.7    | 25.2 | 25.8    | 26.4   | 27.2    |
| -68.75° | 20.8    | 21.1   | 21.4    | 21.7 | 22.1    | 22.6   | 23.2    | 23.7 | 24.2    | 24.7   | 25.2    |
| -70°    | 20.1    | 20.4   | 20.7    | 21.0 | 21.2    | 21.5   | 21.7    | 22.1 | 22.6    | 23.1   | 23.5    |
| -71.25° | 19.4    | 19.7   | 20.0    | 20.2 | 20.5    | 20.7   | 20.9    | 21.2 | 21.4    | 21.6   | 21.8    |
| -72.5°  | 18.4    | 18.7   | 19.1    | 19.4 | 19.7    | 20.0   | 20.2    | 20.4 | 20.6    | 20.8   | 21.0    |
| -73.75° | 17.4    | 17.7   | 18.0    | 18.4 | 18.7    | 19.0   | 19.3    | 19.5 | 19.8    | 20.0   | 20.2    |
| -75°    | 16.3    | 16.7   | 17.0    | 17.3 | 17.6    | 17.8   | 18.1    | 18.4 | 18.6    | 18.9   | 19.1    |
| -76.25° | 15.0    | 15.4   | 15.7    | 16.1 | 16.4    | 16.7   | 17.0    | 17.2 | 17.4    | 17.7   | 17.9    |
| -77.5°  | 13.7    | 14.0   | 14.3    | 14.6 | 15.0    | 15.3   | 15.6    | 15.9 | 16.1    | 16.4   | 16.7    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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° | 12.3    | 12.6   | 12.9    | 13.2 | 13.5    | 13.8   | 14.0    | 14.3 | 14.6    | 14.8   | 15.0    |
| -80°    | 10.9    | 11.2   | 11.5    | 11.7 | 12.0    | 12.3   | 12.5    | 12.7 | 13.0    | 13.2   | 13.4    |
| -81.25° | 9.6     | 9.8    | 10.0    | 10.3 | 10.5    | 10.7   | 10.9    | 11.1 | 11.3    | 11.5   | 11.7    |
| -82.5°  | 8.2     | 8.4    | 8.6     | 8.8  | 9.0     | 9.2    | 9.4     | 9.5  | 9.7     | 9.9    | 10.1    |
| -83.75° | 6.5     | 6.7    | 6.9     | 7.1  | 7.3     | 7.5    | 7.7     | 7.9  | 8.0     | 8.2    | 8.4     |
| -85°    | 4.8     | 4.9    | 5.1     | 5.2  | 5.4     | 5.6    | 5.7     | 5.9  | 6.0     | 6.1    | 6.3     |
| -86.25° | 3.1     | 3.2    | 3.3     | 3.4  | 3.5     | 3.6    | 3.8     | 3.9  | 4.0     | 4.1    | 4.2     |
| -87.5°  | 2.0     | 2.1    | 2.1     | 2.2  | 2.2     | 2.3    | 2.3     | 2.4  | 2.4     | 2.5    | 2.5     |
| -88.75° | 1.0     | 1.0    | 1.1     | 1.1  | 1.1     | 1.1    | 1.2     | 1.2  | 1.2     | 1.2    | 1.2     |
| -90°    | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    |
| 88.75° | 1.3  | 1.3     | 1.3    | 1.3     | 1.3  | 1.4     | 1.4    | 1.4     | 1.4  | 1.4     | 1.4    |
| 87.5°  | 2.5  | 2.6     | 2.6    | 2.7     | 2.7  | 2.7     | 2.7    | 2.8     | 2.8  | 2.8     | 2.9    |
| 86.25° | 4.3  | 4.4     | 4.5    | 4.6     | 4.7  | 4.7     | 4.8    | 4.9     | 5.0  | 5.0     | 5.1    |
| 85°    | 6.4  | 6.5     | 6.7    | 6.8     | 6.9  | 7.0     | 7.1    | 7.2     | 7.3  | 7.4     | 7.5    |
| 83.75° | 8.5  | 8.6     | 8.8    | 8.9     | 9.0  | 9.1     | 9.2    | 9.3     | 9.4  | 9.5     | 9.6    |
| 82.5°  | 10.2 | 10.4    | 10.5   | 10.7    | 10.8 | 10.9    | 11.1   | 11.2    | 11.3 | 11.4    | 11.5   |
| 81.25° | 11.9 | 12.1    | 12.3   | 12.5    | 12.6 | 12.8    | 12.9   | 13.1    | 13.2 | 13.3    | 13.5   |
| 80°    | 13.6 | 13.8    | 14.0   | 14.2    | 14.4 | 14.6    | 14.7   | 14.9    | 15.0 | 15.2    | 15.3   |
| 78.75° | 15.3 | 15.5    | 15.7   | 15.9    | 16.2 | 16.4    | 16.5   | 16.7    | 16.8 | 17.0    | 17.1   |
| 77.5°  | 16.9 | 17.1    | 17.2   | 17.4    | 17.6 | 17.8    | 17.9   | 18.1    | 18.2 | 18.4    | 18.5   |
| 76.25° | 18.1 | 18.3    | 18.5   | 18.7    | 18.9 | 19.1    | 19.3   | 19.5    | 19.6 | 19.8    | 19.9   |
| 75°    | 19.4 | 19.6    | 19.8   | 19.9    | 20.1 | 20.2    | 20.3   | 20.5    | 20.6 | 20.7    | 20.8   |
| 73.75° | 20.3 | 20.5    | 20.7   | 20.8    | 21.0 | 21.1    | 21.3   | 21.4    | 21.5 | 21.7    | 21.8   |
| 72.5°  | 21.2 | 21.4    | 21.5   | 21.7    | 22.0 | 22.3    | 22.6   | 22.9    | 23.2 | 23.4    | 23.7   |
| 71.25° | 22.2 | 22.6    | 23.0   | 23.4    | 23.8 | 24.1    | 24.4   | 24.7    | 25.1 | 25.3    | 25.6   |
| 70°    | 23.9 | 24.4    | 24.8   | 25.2    | 25.5 | 25.9    | 26.4   | 26.9    | 27.4 | 27.8    | 28.3   |
| 68.75° | 25.6 | 26.1    | 26.7   | 27.4    | 28.0 | 28.5    | 29.1   | 29.6    | 30.2 | 30.6    | 31.1   |
| 67.5°  | 27.9 | 28.6    | 29.3   | 30.0    | 30.6 | 31.2    | 31.8   | 32.4    | 33.1 | 33.7    | 34.3   |
| 66.25° | 30.4 | 31.1    | 31.8   | 32.6    | 33.4 | 34.2    | 34.9   | 35.6    | 36.3 | 37.0    | 37.6   |
| 65°    | 32.9 | 33.9    | 34.8   | 35.6    | 36.5 | 37.3    | 38.1   | 38.8    | 39.6 | 40.4    | 41.1   |
| 63.75° | 35.8 | 36.8    | 37.8   | 38.7    | 39.6 | 40.5    | 41.5   | 42.4    | 43.3 | 44.1    | 44.9   |
| 62.5°  | 38.7 | 39.8    | 40.9   | 42.0    | 43.1 | 44.1    | 45.1   | 46.0    | 46.9 | 47.8    | 48.6   |
| 61.25° | 41.8 | 43.1    | 44.3   | 45.4    | 46.5 | 47.6    | 48.6   | 49.6    | 50.6 | 51.5    | 52.4   |
| 60°    | 45.1 | 46.4    | 47.6   | 48.8    | 50.0 | 51.1    | 52.2   | 53.3    | 54.3 | 55.2    | 56.1   |
| 58.75° | 48.3 | 49.6    | 50.9   | 52.2    | 53.4 | 54.6    | 55.8   | 56.6    | 57.2 | 57.9    | 58.5   |
| 57.5°  | 51.5 | 52.9    | 54.3   | 55.6    | 56.6 | 57.4    | 58.1   | 58.8    | 59.5 | 60.2    | 60.8   |
| 56.25° | 54.7 | 56.1    | 57.0   | 57.9    | 58.7 | 59.5    | 60.3   | 61.1    | 61.9 | 62.7    | 63.5   |
| 55°    | 57.2 | 58.1    | 59.1   | 60.0    | 60.9 | 61.8    | 62.7   | 63.7    | 64.6 | 65.4    | 66.3   |
| 53.75° | 59.2 | 60.2    | 61.1   | 62.2    | 63.3 | 64.3    | 65.4   | 66.3    | 67.3 | 67.7    | 68.0   |
| 52.5°  | 61.1 | 62.3    | 63.5   | 64.7    | 65.8 | 66.9    | 67.7   | 68.0    | 68.3 | 68.6    | 68.9   |
| 51.25° | 63.4 | 64.7    | 65.9   | 67.1    | 67.8 | 68.2    | 68.5   | 68.9    | 69.2 | 69.6    | 69.6   |
| 50°    | 65.7 | 67.0    | 67.8   | 68.2    | 68.6 | 69.0    | 69.4   | 69.6    | 69.6 | 69.6    | 69.6   |
| 48.75° | 67.7 | 68.1    | 68.6   | 69.0    | 69.4 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   |
| 47.5°  | 68.4 | 68.9    | 69.4   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   |
| 46.25° | 69.2 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   |
| 45°    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.9    | 70.3   |
| 43.75° | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.9    | 70.4 | 70.8    | 71.2   |
| 42.5°  | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.8    | 70.3   | 70.8    | 71.2 | 71.7    | 72.2   |
| 41.25° | 69.6 | 69.6    | 69.6   | 69.6    | 70.1 | 70.6    | 71.1   | 71.6    | 72.3 | 72.9    | 73.6   |
| 40°    | 69.6 | 69.6    | 69.8   | 70.4    | 70.9 | 71.4    | 72.1   | 72.8    | 73.5 | 74.2    | 74.9   |
| 38.75° | 69.6 | 70.0    | 70.5   | 71.1    | 71.7 | 72.5    | 73.3   | 74.0    | 74.8 | 75.5    | 76.2   |
| 37.5°  | 70.0 | 70.7    | 71.3   | 72.0    | 72.8 | 73.6    | 74.5   | 75.2    | 76.0 | 76.7    | 77.4   |
| 36.25° | 70.7 | 71.4    | 72.1   | 73.0    | 73.9 | 74.8    | 75.6   | 76.4    | 77.2 | 78.0    | 78.7   |
| 35°    | 71.4 | 72.2    | 73.2   | 74.1    | 75.0 | 75.9    | 76.8   | 77.6    | 78.4 | 79.2    | 80.0   |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 72.2 | 73.2    | 74.2   | 75.2    | 76.1  | 77.0    | 77.9   | 78.8    | 79.6  | 80.5    | 81.2   |
| 32.5°   | 73.2 | 74.2    | 75.2   | 76.2    | 77.2  | 78.1    | 79.0   | 79.9    | 80.8  | 81.7    | 82.5   |
| 31.25°  | 74.1 | 75.2    | 76.2   | 77.2    | 78.2  | 79.2    | 80.2   | 81.1    | 82.0  | 82.8    | 83.7   |
| 30°     | 75.0 | 76.1    | 77.2   | 78.2    | 79.3  | 80.3    | 81.2   | 82.2    | 83.1  | 84.0    | 85.7   |
| 28.75°  | 75.9 | 77.0    | 78.1   | 79.2    | 80.3  | 81.3    | 82.3   | 83.3    | 84.4  | 86.3    | 88.1   |
| 27.5°   | 76.8 | 77.9    | 79.0   | 80.2    | 81.2  | 82.3    | 83.3   | 84.6    | 86.6  | 88.6    | 90.6   |
| 26.25°  | 77.6 | 78.8    | 79.9   | 81.1    | 82.2  | 83.3    | 84.6   | 86.7    | 88.8  | 91.6    | 97.1   |
| 25°     | 78.4 | 79.6    | 80.8   | 82.0    | 83.1  | 84.4    | 86.6   | 88.8    | 92.0  | 97.8    | 103.5  |
| 23.75°  | 79.2 | 80.5    | 81.7   | 82.8    | 84.0  | 86.3    | 88.6   | 91.6    | 97.8  | 103.8   | 110.0  |
| 22.5°   | 80.0 | 81.2    | 82.5   | 83.7    | 85.7  | 88.1    | 90.6   | 97.1    | 103.5 | 110.0   | 117.2  |
| 21.25°  | 80.7 | 82.0    | 83.3   | 84.9    | 87.4  | 89.9    | 95.8   | 102.4   | 109.2 | 116.7   | 124.1  |
| 20°     | 81.4 | 82.7    | 84.0   | 86.5    | 89.1  | 93.7    | 100.7  | 107.5   | 115.4 | 123.2   | 132.1  |
| 18.75°  | 82.1 | 83.4    | 85.4   | 88.0    | 91.0  | 98.3    | 105.4  | 113.3   | 121.4 | 129.9   | 143.3  |
| 17.5°   | 82.7 | 84.1    | 86.7   | 89.4    | 95.2  | 102.6   | 110.3  | 118.8   | 127.2 | 139.6   | 172.2  |
| 16.25°  | 83.3 | 85.3    | 88.0   | 91.5    | 99.2  | 106.7   | 115.3  | 124.1   | 135.1 | 161.2   | 226.0  |
| 15°     | 83.9 | 86.4    | 89.3   | 95.1    | 102.9 | 111.1   | 120.1  | 129.2   | 146.0 | 193.9   | 294.7  |
| 13.75°  | 84.7 | 87.5    | 90.4   | 98.4    | 106.4 | 115.4   | 124.6  | 136.8   | 168.6 | 250.1   | 376.8  |
| 12.5°   | 85.6 | 88.6    | 93.4   | 101.5   | 109.9 | 119.4   | 128.8  | 146.8   | 201.8 | 314.5   | 462.3  |
| 11.25°  | 86.5 | 89.5    | 96.1   | 104.3   | 113.4 | 123.0   | 134.9  | 165.4   | 247.9 | 382.2   | 544.9  |
| 10°     | 87.3 | 90.3    | 98.6   | 106.9   | 116.5 | 126.3   | 140.6  | 184.1   | 297.0 | 451.0   | 626.1  |
| 8.75°   | 88.0 | 92.3    | 100.7  | 109.4   | 119.4 | 129.6   | 151.7  | 220.0   | 349.7 | 515.4   | 699.5  |
| 7.5°    | 88.7 | 94.1    | 102.6  | 111.8   | 121.8 | 133.8   | 164.4  | 251.4   | 396.0 | 574.1   | 764.2  |
| 6.25°   | 89.2 | 95.6    | 104.3  | 113.8   | 123.9 | 137.4   | 175.1  | 280.8   | 441.5 | 626.7   | 819.8  |
| 5°      | 89.6 | 96.9    | 105.6  | 115.4   | 125.7 | 140.3   | 188.5  | 312.0   | 479.7 | 670.3   | 866.0  |
| 3.75°   | 90.0 | 97.9    | 106.6  | 116.7   | 127.0 | 143.3   | 205.0  | 336.4   | 509.6 | 704.5   | 902.3  |
| 2.5°    | 90.2 | 98.6    | 107.4  | 117.7   | 128.0 | 148.1   | 216.9  | 353.9   | 531.2 | 729.2   | 928.4  |
| 1.25°   | 90.4 | 99.1    | 107.8  | 118.2   | 128.6 | 151.0   | 224.1  | 364.5   | 544.2 | 744.0   | 944.2  |
| 0°      | 90.4 | 99.2    | 108.0  | 118.4   | 128.8 | 151.9   | 226.5  | 368.1   | 548.5 | 749.0   | 949.5  |
| -1.25°  | 90.4 | 99.1    | 107.8  | 118.2   | 128.6 | 151.0   | 224.1  | 364.5   | 544.2 | 744.0   | 944.2  |
| -2.5°   | 90.2 | 98.6    | 107.4  | 117.7   | 128.0 | 148.1   | 216.9  | 353.9   | 531.2 | 729.2   | 928.4  |
| -3.75°  | 90.0 | 97.9    | 106.6  | 116.7   | 127.0 | 143.3   | 205.0  | 336.4   | 509.6 | 704.5   | 902.3  |
| -5°     | 89.6 | 96.9    | 105.6  | 115.4   | 125.7 | 140.3   | 188.5  | 312.0   | 479.7 | 670.3   | 866.0  |
| -6.25°  | 89.2 | 95.6    | 104.3  | 113.8   | 123.9 | 137.4   | 175.1  | 280.8   | 441.5 | 626.7   | 819.8  |
| -7.5°   | 88.7 | 94.1    | 102.6  | 111.8   | 121.8 | 133.8   | 164.4  | 251.4   | 396.0 | 574.1   | 764.2  |
| -8.75°  | 88.0 | 92.3    | 100.7  | 109.4   | 119.4 | 129.6   | 151.7  | 220.0   | 349.7 | 515.4   | 699.5  |
| -10°    | 87.3 | 90.3    | 98.6   | 106.9   | 116.5 | 126.3   | 140.6  | 184.1   | 297.0 | 451.0   | 626.1  |
| -11.25° | 86.5 | 89.5    | 96.1   | 104.3   | 113.4 | 123.0   | 134.9  | 165.4   | 247.9 | 382.2   | 544.9  |
| -12.5°  | 85.6 | 88.6    | 93.4   | 101.5   | 109.9 | 119.4   | 128.8  | 146.8   | 201.8 | 314.5   | 462.3  |
| -13.75° | 84.7 | 87.5    | 90.4   | 98.4    | 106.4 | 115.4   | 124.6  | 136.8   | 168.6 | 250.1   | 376.8  |
| -15°    | 83.9 | 86.4    | 89.3   | 95.1    | 102.9 | 111.1   | 120.1  | 129.2   | 146.0 | 193.9   | 294.7  |
| -16.25° | 83.3 | 85.3    | 88.0   | 91.5    | 99.2  | 106.7   | 115.3  | 124.1   | 135.1 | 161.2   | 226.0  |
| -17.5°  | 82.7 | 84.1    | 86.7   | 89.4    | 95.2  | 102.6   | 110.3  | 118.8   | 127.2 | 139.6   | 172.2  |
| -18.75° | 82.1 | 83.4    | 85.4   | 88.0    | 91.0  | 98.3    | 105.4  | 113.3   | 121.4 | 129.9   | 143.3  |
| -20°    | 81.4 | 82.7    | 84.0   | 86.5    | 89.1  | 93.7    | 100.7  | 107.5   | 115.4 | 123.2   | 132.1  |
| -21.25° | 80.7 | 82.0    | 83.3   | 84.9    | 87.4  | 89.9    | 95.8   | 102.4   | 109.2 | 116.7   | 124.1  |





REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25°  | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|-------|---------|--------|
| -22.5°  | 80.0 | 81.2    | 82.5   | 83.7    | 85.7 | 88.1    | 90.6   | 97.1    | 103.5 | 110.0   | 117.2  |
| -23.75° | 79.2 | 80.5    | 81.7   | 82.8    | 84.0 | 86.3    | 88.6   | 91.6    | 97.8  | 103.8   | 110.0  |
| -25°    | 78.4 | 79.6    | 80.8   | 82.0    | 83.1 | 84.4    | 86.6   | 88.8    | 92.0  | 97.8    | 103.5  |
| -26.25° | 77.6 | 78.8    | 79.9   | 81.1    | 82.2 | 83.3    | 84.6   | 86.7    | 88.8  | 91.6    | 97.1   |
| -27.5°  | 76.8 | 77.9    | 79.0   | 80.2    | 81.2 | 82.3    | 83.3   | 84.6    | 86.6  | 88.6    | 90.6   |
| -28.75° | 75.9 | 77.0    | 78.1   | 79.2    | 80.3 | 81.3    | 82.3   | 83.3    | 84.4  | 86.3    | 88.1   |
| -30°    | 75.0 | 76.1    | 77.2   | 78.2    | 79.3 | 80.3    | 81.2   | 82.2    | 83.1  | 84.0    | 85.7   |
| -31.25° | 74.1 | 75.2    | 76.2   | 77.2    | 78.2 | 79.2    | 80.2   | 81.1    | 82.0  | 82.8    | 83.7   |
| -32.5°  | 73.2 | 74.2    | 75.2   | 76.2    | 77.2 | 78.1    | 79.0   | 79.9    | 80.8  | 81.7    | 82.5   |
| -33.75° | 72.2 | 73.2    | 74.2   | 75.2    | 76.1 | 77.0    | 77.9   | 78.8    | 79.6  | 80.5    | 81.2   |
| -35°    | 71.4 | 72.2    | 73.2   | 74.1    | 75.0 | 75.9    | 76.8   | 77.6    | 78.4  | 79.2    | 80.0   |
| -36.25° | 70.7 | 71.4    | 72.1   | 73.0    | 73.9 | 74.8    | 75.6   | 76.4    | 77.2  | 78.0    | 78.7   |
| -37.5°  | 70.0 | 70.7    | 71.3   | 72.0    | 72.8 | 73.6    | 74.5   | 75.2    | 76.0  | 76.7    | 77.4   |
| -38.75° | 69.6 | 70.0    | 70.5   | 71.1    | 71.7 | 72.5    | 73.3   | 74.0    | 74.8  | 75.5    | 76.2   |
| -40°    | 69.6 | 69.6    | 69.8   | 70.4    | 70.9 | 71.4    | 72.1   | 72.8    | 73.5  | 74.2    | 74.9   |
| -41.25° | 69.6 | 69.6    | 69.6   | 69.6    | 70.1 | 70.6    | 71.1   | 71.6    | 72.3  | 72.9    | 73.6   |
| -42.5°  | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.8    | 70.3   | 70.8    | 71.2  | 71.7    | 72.2   |
| -43.75° | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.9    | 70.4  | 70.8    | 71.2   |
| -45°    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6  | 69.9    | 70.3   |
| -46.25° | 69.2 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6  | 69.6    | 69.6   |
| -47.5°  | 68.4 | 68.9    | 69.4   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6  | 69.6    | 69.6   |
| -48.75° | 67.7 | 68.1    | 68.6   | 69.0    | 69.4 | 69.6    | 69.6   | 69.6    | 69.6  | 69.6    | 69.6   |
| -50°    | 65.7 | 67.0    | 67.8   | 68.2    | 68.6 | 69.0    | 69.4   | 69.6    | 69.6  | 69.6    | 69.6   |
| -51.25° | 63.4 | 64.7    | 65.9   | 67.1    | 67.8 | 68.2    | 68.5   | 68.9    | 69.2  | 69.6    | 69.6   |
| -52.5°  | 61.1 | 62.3    | 63.5   | 64.7    | 65.8 | 66.9    | 67.7   | 68.0    | 68.3  | 68.6    | 68.9   |
| -53.75° | 59.2 | 60.2    | 61.1   | 62.2    | 63.3 | 64.3    | 65.4   | 66.3    | 67.3  | 67.7    | 68.0   |
| -55°    | 57.2 | 58.1    | 59.1   | 60.0    | 60.9 | 61.8    | 62.7   | 63.7    | 64.6  | 65.4    | 66.3   |
| -56.25° | 54.7 | 56.1    | 57.0   | 57.9    | 58.7 | 59.5    | 60.3   | 61.1    | 61.9  | 62.7    | 63.5   |
| -57.5°  | 51.5 | 52.9    | 54.3   | 55.6    | 56.6 | 57.4    | 58.1   | 58.8    | 59.5  | 60.2    | 60.8   |
| -58.75° | 48.3 | 49.6    | 50.9   | 52.2    | 53.4 | 54.6    | 55.8   | 56.6    | 57.2  | 57.9    | 58.5   |
| -60°    | 45.1 | 46.4    | 47.6   | 48.8    | 50.0 | 51.1    | 52.2   | 53.3    | 54.3  | 55.2    | 56.1   |
| -61.25° | 41.8 | 43.1    | 44.3   | 45.4    | 46.5 | 47.6    | 48.6   | 49.6    | 50.6  | 51.5    | 52.4   |
| -62.5°  | 38.7 | 39.8    | 40.9   | 42.0    | 43.1 | 44.1    | 45.1   | 46.0    | 46.9  | 47.8    | 48.6   |
| -63.75° | 35.8 | 36.8    | 37.8   | 38.7    | 39.6 | 40.5    | 41.5   | 42.4    | 43.3  | 44.1    | 44.9   |
| -65°    | 32.9 | 33.9    | 34.8   | 35.6    | 36.5 | 37.3    | 38.1   | 38.8    | 39.6  | 40.4    | 41.1   |
| -66.25° | 30.4 | 31.1    | 31.8   | 32.6    | 33.4 | 34.2    | 34.9   | 35.6    | 36.3  | 37.0    | 37.6   |
| -67.5°  | 27.9 | 28.6    | 29.3   | 30.0    | 30.6 | 31.2    | 31.8   | 32.4    | 33.1  | 33.7    | 34.3   |
| -68.75° | 25.6 | 26.1    | 26.7   | 27.4    | 28.0 | 28.5    | 29.1   | 29.6    | 30.2  | 30.6    | 31.1   |
| -70°    | 23.9 | 24.4    | 24.8   | 25.2    | 25.5 | 25.9    | 26.4   | 26.9    | 27.4  | 27.8    | 28.3   |
| -71.25° | 22.2 | 22.6    | 23.0   | 23.4    | 23.8 | 24.1    | 24.4   | 24.7    | 25.1  | 25.3    | 25.6   |
| -72.5°  | 21.2 | 21.4    | 21.5   | 21.7    | 22.0 | 22.3    | 22.6   | 22.9    | 23.2  | 23.4    | 23.7   |
| -73.75° | 20.3 | 20.5    | 20.7   | 20.8    | 21.0 | 21.1    | 21.3   | 21.4    | 21.5  | 21.7    | 21.8   |
| -75°    | 19.4 | 19.6    | 19.8   | 19.9    | 20.1 | 20.2    | 20.3   | 20.5    | 20.6  | 20.7    | 20.8   |
| -76.25° | 18.1 | 18.3    | 18.5   | 18.7    | 18.9 | 19.1    | 19.3   | 19.5    | 19.6  | 19.8    | 19.9   |
| -77.5°  | 16.9 | 17.1    | 17.2   | 17.4    | 17.6 | 17.8    | 17.9   | 18.1    | 18.2  | 18.4    | 18.5   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 15.3 | 15.5    | 15.7   | 15.9    | 16.2 | 16.4    | 16.5   | 16.7    | 16.8 | 17.0    | 17.1   |
| -80°    | 13.6 | 13.8    | 14.0   | 14.2    | 14.4 | 14.6    | 14.7   | 14.9    | 15.0 | 15.2    | 15.3   |
| -81.25° | 11.9 | 12.1    | 12.3   | 12.5    | 12.6 | 12.8    | 12.9   | 13.1    | 13.2 | 13.3    | 13.5   |
| -82.5°  | 10.2 | 10.4    | 10.5   | 10.7    | 10.8 | 10.9    | 11.1   | 11.2    | 11.3 | 11.4    | 11.5   |
| -83.75° | 8.5  | 8.6     | 8.8    | 8.9     | 9.0  | 9.1     | 9.2    | 9.3     | 9.4  | 9.5     | 9.6    |
| -85°    | 6.4  | 6.5     | 6.7    | 6.8     | 6.9  | 7.0     | 7.1    | 7.2     | 7.3  | 7.4     | 7.5    |
| -86.25° | 4.3  | 4.4     | 4.5    | 4.6     | 4.7  | 4.7     | 4.8    | 4.9     | 5.0  | 5.0     | 5.1    |
| -87.5°  | 2.5  | 2.6     | 2.6    | 2.7     | 2.7  | 2.7     | 2.7    | 2.8     | 2.8  | 2.8     | 2.9    |
| -88.75° | 1.3  | 1.3     | 1.3    | 1.3     | 1.3  | 1.4     | 1.4    | 1.4     | 1.4  | 1.4     | 1.4    |
| -90°    | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**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     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0    |
| 88.75° | 1.4     | 1.5  | 1.5     | 1.5    | 1.5     | 1.5  | 1.5     | 1.5    | 1.5     | 1.5  | 1.5    |
| 87.5°  | 2.9     | 2.9  | 2.9     | 3.0    | 3.0     | 3.0  | 3.0     | 3.0    | 3.0     | 3.1  | 3.1    |
| 86.25° | 5.2     | 5.2  | 5.3     | 5.3    | 5.4     | 5.4  | 5.5     | 5.5    | 5.5     | 5.6  | 5.6    |
| 85°    | 7.6     | 7.7  | 7.7     | 7.8    | 7.9     | 7.9  | 8.0     | 8.1    | 8.1     | 8.1  | 8.2    |
| 83.75° | 9.7     | 9.8  | 9.8     | 9.9    | 10.0    | 10.0 | 10.1    | 10.2   | 10.2    | 10.2 | 10.3   |
| 82.5°  | 11.6    | 11.7 | 11.8    | 11.9   | 12.0    | 12.1 | 12.1    | 12.2   | 12.3    | 12.3 | 12.4   |
| 81.25° | 13.6    | 13.7 | 13.8    | 13.9   | 14.0    | 14.1 | 14.1    | 14.2   | 14.3    | 14.3 | 14.4   |
| 80°    | 15.5    | 15.6 | 15.7    | 15.8   | 15.9    | 16.0 | 16.1    | 16.2   | 16.3    | 16.3 | 16.4   |
| 78.75° | 17.2    | 17.3 | 17.4    | 17.5   | 17.6    | 17.7 | 17.7    | 17.8   | 17.9    | 17.9 | 18.0   |
| 77.5°  | 18.6    | 18.8 | 18.9    | 19.0   | 19.1    | 19.2 | 19.2    | 19.3   | 19.4    | 19.5 | 19.5   |
| 76.25° | 20.0    | 20.0 | 20.1    | 20.2   | 20.3    | 20.3 | 20.4    | 20.5   | 20.5    | 20.6 | 20.6   |
| 75°    | 20.9    | 21.0 | 21.1    | 21.2   | 21.3    | 21.4 | 21.4    | 21.5   | 21.6    | 21.6 | 21.6   |
| 73.75° | 22.0    | 22.2 | 22.4    | 22.6   | 22.8    | 22.9 | 23.1    | 23.2   | 23.4    | 23.5 | 23.6   |
| 72.5°  | 23.9    | 24.2 | 24.4    | 24.6   | 24.8    | 25.0 | 25.1    | 25.3   | 25.4    | 25.5 | 25.6   |
| 71.25° | 25.9    | 26.2 | 26.5    | 26.9   | 27.2    | 27.5 | 27.7    | 28.0   | 28.2    | 28.4 | 28.5   |
| 70°    | 28.7    | 29.1 | 29.5    | 29.8   | 30.1    | 30.4 | 30.7    | 31.0   | 31.2    | 31.4 | 31.6   |
| 68.75° | 31.6    | 32.0 | 32.4    | 32.8   | 33.3    | 33.6 | 34.0    | 34.3   | 34.6    | 34.9 | 35.1   |
| 67.5°  | 34.8    | 35.3 | 35.8    | 36.3   | 36.7    | 37.1 | 37.5    | 37.9   | 38.2    | 38.4 | 38.7   |
| 66.25° | 38.2    | 38.7 | 39.3    | 39.8   | 40.3    | 40.8 | 41.3    | 41.7   | 42.0    | 42.4 | 42.7   |
| 65°    | 41.8    | 42.5 | 43.1    | 43.7   | 44.3    | 44.8 | 45.3    | 45.7   | 46.1    | 46.5 | 46.8   |
| 63.75° | 45.6    | 46.3 | 47.0    | 47.6   | 48.2    | 48.8 | 49.3    | 49.7   | 50.2    | 50.5 | 50.9   |
| 62.5°  | 49.4    | 50.2 | 50.9    | 51.5   | 52.2    | 52.7 | 53.3    | 53.8   | 54.2    | 54.6 | 54.9   |
| 61.25° | 53.2    | 54.0 | 54.8    | 55.5   | 56.1    | 56.5 | 56.8    | 57.2   | 57.4    | 57.7 | 57.9   |
| 60°    | 56.7    | 57.2 | 57.7    | 58.1   | 58.6    | 59.0 | 59.3    | 59.7   | 60.0    | 60.3 | 60.5   |
| 58.75° | 59.0    | 59.6 | 60.1    | 60.6   | 61.0    | 61.5 | 61.9    | 62.4   | 62.7    | 63.1 | 63.4   |
| 57.5°  | 61.4    | 62.1 | 62.7    | 63.3   | 63.9    | 64.4 | 64.9    | 65.4   | 65.8    | 66.1 | 66.4   |
| 56.25° | 64.2    | 64.9 | 65.6    | 66.2   | 66.8    | 67.4 | 67.6    | 67.8   | 67.9    | 68.1 | 68.2   |
| 55°    | 67.0    | 67.6 | 67.8    | 68.1   | 68.3    | 68.5 | 68.6    | 68.8   | 69.0    | 69.1 | 69.2   |
| 53.75° | 68.3    | 68.6 | 68.8    | 69.0   | 69.3    | 69.5 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6   |
| 52.5°  | 69.2    | 69.5 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6   |
| 51.25° | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6   |
| 50°    | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6   |
| 48.75° | 69.6    | 69.6 | 69.6    | 69.6   | 69.6    | 69.6 | 69.6    | 69.7   | 69.8    | 70.0 | 70.2   |
| 47.5°  | 69.6    | 69.6 | 69.6    | 69.7   | 70.0    | 70.2 | 70.5    | 70.7   | 70.9    | 71.0 | 71.2   |
| 46.25° | 69.7    | 70.0 | 70.4    | 70.7   | 70.9    | 71.2 | 71.4    | 71.7   | 72.0    | 72.2 | 72.5   |
| 45°    | 70.6    | 71.0 | 71.3    | 71.6   | 72.0    | 72.4 | 72.8    | 73.1   | 73.4    | 73.7 | 74.0   |
| 43.75° | 71.5    | 72.0 | 72.5    | 73.0   | 73.4    | 73.9 | 74.3    | 74.6   | 74.9    | 75.2 | 75.5   |
| 42.5°  | 72.8    | 73.4 | 73.9    | 74.4   | 74.9    | 75.3 | 75.7    | 76.1   | 76.4    | 76.7 | 77.0   |
| 41.25° | 74.2    | 74.7 | 75.3    | 75.8   | 76.3    | 76.7 | 77.2    | 77.6   | 77.9    | 78.2 | 78.5   |
| 40°    | 75.5    | 76.1 | 76.7    | 77.2   | 77.7    | 78.2 | 78.6    | 79.0   | 79.4    | 79.7 | 80.0   |
| 38.75° | 76.8    | 77.4 | 78.0    | 78.6   | 79.1    | 79.6 | 80.1    | 80.5   | 80.9    | 81.2 | 81.5   |
| 37.5°  | 78.1    | 78.8 | 79.4    | 80.0   | 80.5    | 81.0 | 81.5    | 81.9   | 82.3    | 82.7 | 83.0   |
| 36.25° | 79.4    | 80.1 | 80.7    | 81.3   | 81.9    | 82.4 | 82.9    | 83.4   | 83.8    | 84.3 | 85.0   |
| 35°    | 80.7    | 81.4 | 82.1    | 82.7   | 83.3    | 83.9 | 84.7    | 85.6   | 86.5    | 87.3 | 88.0   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -21.25° | -20°   | -18.75° | -17.5° | -16.25° | -15°   | -13.75° | -12.5° | -11.25° | -10°   | -8.75° |
|---------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|--------|
| 33.75°  | 82.0    | 82.7   | 83.4    | 84.1   | 85.3    | 86.4   | 87.5    | 88.6   | 89.5    | 90.3   | 92.3   |
| 32.5°   | 83.3    | 84.0   | 85.4    | 86.7   | 88.0    | 89.3   | 90.4    | 93.4   | 96.1    | 98.6   | 100.7  |
| 31.25°  | 84.9    | 86.5   | 88.0    | 89.4   | 91.5    | 95.1   | 98.4    | 101.5  | 104.3   | 106.9  | 109.4  |
| 30°     | 87.4    | 89.1   | 91.0    | 95.2   | 99.2    | 102.9  | 106.4   | 109.9  | 113.4   | 116.5  | 119.4  |
| 28.75°  | 89.9    | 93.7   | 98.3    | 102.6  | 106.7   | 111.1  | 115.4   | 119.4  | 123.0   | 126.3  | 129.6  |
| 27.5°   | 95.8    | 100.7  | 105.4   | 110.3  | 115.3   | 120.1  | 124.6   | 128.8  | 134.9   | 140.6  | 151.7  |
| 26.25°  | 102.4   | 107.5  | 113.3   | 118.8  | 124.1   | 129.2  | 136.8   | 146.8  | 165.4   | 184.1  | 220.0  |
| 25°     | 109.2   | 115.4  | 121.4   | 127.2  | 135.1   | 146.0  | 168.6   | 201.8  | 247.9   | 297.0  | 349.7  |
| 23.75°  | 116.7   | 123.2  | 129.9   | 139.6  | 161.2   | 193.9  | 250.1   | 314.5  | 382.2   | 451.0  | 515.4  |
| 22.5°   | 124.1   | 132.1  | 143.3   | 172.2  | 226.0   | 294.7  | 376.8   | 462.3  | 544.9   | 626.1  | 699.5  |
| 21.25°  | 132.9   | 147.7  | 178.9   | 247.7  | 333.5   | 428.4  | 528.2   | 627.7  | 721.4   | 807.3  | 884.8  |
| 20°     | 147.7   | 181.6  | 258.6   | 356.9  | 465.7   | 578.3  | 691.3   | 797.4  | 896.0   | 972.2  | 1022.2 |
| 18.75°  | 178.9   | 258.6  | 364.8   | 484.5  | 609.7   | 734.3  | 852.6   | 958.4  | 1021.9  | 1080.4 | 1133.5 |
| 17.5°   | 247.7   | 356.9  | 484.5   | 620.2  | 756.0   | 886.2  | 986.6   | 1058.2 | 1125.2  | 1187.1 | 1233.8 |
| 16.25°  | 333.5   | 465.7  | 609.7   | 756.0  | 897.4   | 1000.8 | 1080.3  | 1155.6 | 1220.1  | 1272.8 | 1331.0 |
| 15°     | 428.4   | 578.3  | 734.3   | 886.2  | 1000.8  | 1087.7 | 1171.0  | 1239.4 | 1304.9  | 1373.2 | 1444.6 |
| 13.75°  | 528.2   | 691.3  | 852.6   | 986.6  | 1080.3  | 1171.0 | 1245.9  | 1321.3 | 1402.6  | 1487.4 | 1589.5 |
| 12.5°   | 627.7   | 797.4  | 958.4   | 1058.2 | 1155.6  | 1239.4 | 1321.3  | 1412.5 | 1515.2  | 1636.0 | 1798.2 |
| 11.25°  | 721.4   | 896.0  | 1021.9  | 1125.2 | 1220.1  | 1304.9 | 1402.6  | 1515.2 | 1657.8  | 1844.0 | 2059.0 |
| 10°     | 807.3   | 972.2  | 1080.4  | 1187.1 | 1272.8  | 1373.2 | 1487.4  | 1636.0 | 1844.0  | 2089.3 | 2380.9 |
| 8.75°   | 884.8   | 1022.2 | 1133.5  | 1233.8 | 1331.0  | 1444.6 | 1589.5  | 1798.2 | 2059.0  | 2380.9 | 2766.8 |
| 7.5°    | 951.8   | 1066.6 | 1180.6  | 1274.3 | 1385.2  | 1518.8 | 1708.4  | 1969.4 | 2297.4  | 2709.3 | 3230.6 |
| 6.25°   | 987.8   | 1104.9 | 1216.1  | 1316.7 | 1437.4  | 1594.0 | 1828.7  | 2134.8 | 2540.4  | 3063.9 | 3762.8 |
| 5°      | 1017.8  | 1136.8 | 1243.5  | 1352.1 | 1482.0  | 1672.1 | 1951.0  | 2313.7 | 2790.4  | 3438.2 | 4328.5 |
| 3.75°   | 1041.4  | 1161.9 | 1265.1  | 1381.9 | 1528.6  | 1747.1 | 2052.1  | 2457.6 | 3017.4  | 3818.0 | 4901.0 |
| 2.5°    | 1058.4  | 1180.1 | 1282.2  | 1405.3 | 1562.5  | 1801.7 | 2128.4  | 2588.5 | 3221.0  | 4129.0 | 5342.3 |
| 1.25°   | 1068.7  | 1191.0 | 1293.7  | 1419.5 | 1583.0  | 1834.9 | 2187.1  | 2671.1 | 3346.0  | 4321.0 | 5641.8 |
| 0°      | 1072.1  | 1194.7 | 1297.5  | 1424.3 | 1589.9  | 1846.0 | 2206.8  | 2698.9 | 3388.2  | 4386.0 | 5748.7 |
| -1.25°  | 1068.7  | 1191.0 | 1293.7  | 1419.5 | 1583.0  | 1834.9 | 2187.1  | 2671.1 | 3346.0  | 4321.0 | 5641.8 |
| -2.5°   | 1058.4  | 1180.1 | 1282.2  | 1405.3 | 1562.5  | 1801.7 | 2128.4  | 2588.5 | 3221.0  | 4129.0 | 5342.3 |
| -3.75°  | 1041.4  | 1161.9 | 1265.1  | 1381.9 | 1528.6  | 1747.1 | 2052.1  | 2457.6 | 3017.4  | 3818.0 | 4901.0 |
| -5°     | 1017.8  | 1136.8 | 1243.5  | 1352.1 | 1482.0  | 1672.1 | 1951.0  | 2313.7 | 2790.4  | 3438.2 | 4328.5 |
| -6.25°  | 987.8   | 1104.9 | 1216.1  | 1316.7 | 1437.4  | 1594.0 | 1828.7  | 2134.8 | 2540.4  | 3063.9 | 3762.8 |
| -7.5°   | 951.8   | 1066.6 | 1180.6  | 1274.3 | 1385.2  | 1518.8 | 1708.4  | 1969.4 | 2297.4  | 2709.3 | 3230.6 |
| -8.75°  | 884.8   | 1022.2 | 1133.5  | 1233.8 | 1331.0  | 1444.6 | 1589.5  | 1798.2 | 2059.0  | 2380.9 | 2766.8 |
| -10°    | 807.3   | 972.2  | 1080.4  | 1187.1 | 1272.8  | 1373.2 | 1487.4  | 1636.0 | 1844.0  | 2089.3 | 2380.9 |
| -11.25° | 721.4   | 896.0  | 1021.9  | 1125.2 | 1220.1  | 1304.9 | 1402.6  | 1515.2 | 1657.8  | 1844.0 | 2059.0 |
| -12.5°  | 627.7   | 797.4  | 958.4   | 1058.2 | 1155.6  | 1239.4 | 1321.3  | 1412.5 | 1515.2  | 1636.0 | 1798.2 |
| -13.75° | 528.2   | 691.3  | 852.6   | 986.6  | 1080.3  | 1171.0 | 1245.9  | 1321.3 | 1402.6  | 1487.4 | 1589.5 |
| -15°    | 428.4   | 578.3  | 734.3   | 886.2  | 1000.8  | 1087.7 | 1171.0  | 1239.4 | 1304.9  | 1373.2 | 1444.6 |
| -16.25° | 333.5   | 465.7  | 609.7   | 756.0  | 897.4   | 1000.8 | 1080.3  | 1155.6 | 1220.1  | 1272.8 | 1331.0 |
| -17.5°  | 247.7   | 356.9  | 484.5   | 620.2  | 756.0   | 886.2  | 986.6   | 1058.2 | 1125.2  | 1187.1 | 1233.8 |
| -18.75° | 178.9   | 258.6  | 364.8   | 484.5  | 609.7   | 734.3  | 852.6   | 958.4  | 1021.9  | 1080.4 | 1133.5 |
| -20°    | 147.7   | 181.6  | 258.6   | 356.9  | 465.7   | 578.3  | 691.3   | 797.4  | 896.0   | 972.2  | 1022.2 |
| -21.25° | 132.9   | 147.7  | 178.9   | 247.7  | 333.5   | 428.4  | 528.2   | 627.7  | 721.4   | 807.3  | 884.8  |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -21.25° | -20°  | -18.75° | -17.5° | -16.25° | -15°  | -13.75° | -12.5° | -11.25° | -10°  | -8.75° |
|---------|---------|-------|---------|--------|---------|-------|---------|--------|---------|-------|--------|
| -22.5°  | 124.1   | 132.1 | 143.3   | 172.2  | 226.0   | 294.7 | 376.8   | 462.3  | 544.9   | 626.1 | 699.5  |
| -23.75° | 116.7   | 123.2 | 129.9   | 139.6  | 161.2   | 193.9 | 250.1   | 314.5  | 382.2   | 451.0 | 515.4  |
| -25°    | 109.2   | 115.4 | 121.4   | 127.2  | 135.1   | 146.0 | 168.6   | 201.8  | 247.9   | 297.0 | 349.7  |
| -26.25° | 102.4   | 107.5 | 113.3   | 118.8  | 124.1   | 129.2 | 136.8   | 146.8  | 165.4   | 184.1 | 220.0  |
| -27.5°  | 95.8    | 100.7 | 105.4   | 110.3  | 115.3   | 120.1 | 124.6   | 128.8  | 134.9   | 140.6 | 151.7  |
| -28.75° | 89.9    | 93.7  | 98.3    | 102.6  | 106.7   | 111.1 | 115.4   | 119.4  | 123.0   | 126.3 | 129.6  |
| -30°    | 87.4    | 89.1  | 91.0    | 95.2   | 99.2    | 102.9 | 106.4   | 109.9  | 113.4   | 116.5 | 119.4  |
| -31.25° | 84.9    | 86.5  | 88.0    | 89.4   | 91.5    | 95.1  | 98.4    | 101.5  | 104.3   | 106.9 | 109.4  |
| -32.5°  | 83.3    | 84.0  | 85.4    | 86.7   | 88.0    | 89.3  | 90.4    | 93.4   | 96.1    | 98.6  | 100.7  |
| -33.75° | 82.0    | 82.7  | 83.4    | 84.1   | 85.3    | 86.4  | 87.5    | 88.6   | 89.5    | 90.3  | 92.3   |
| -35°    | 80.7    | 81.4  | 82.1    | 82.7   | 83.3    | 83.9  | 84.7    | 85.6   | 86.5    | 87.3  | 88.0   |
| -36.25° | 79.4    | 80.1  | 80.7    | 81.3   | 81.9    | 82.4  | 82.9    | 83.4   | 83.8    | 84.3  | 85.0   |
| -37.5°  | 78.1    | 78.8  | 79.4    | 80.0   | 80.5    | 81.0  | 81.5    | 81.9   | 82.3    | 82.7  | 83.0   |
| -38.75° | 76.8    | 77.4  | 78.0    | 78.6   | 79.1    | 79.6  | 80.1    | 80.5   | 80.9    | 81.2  | 81.5   |
| -40°    | 75.5    | 76.1  | 76.7    | 77.2   | 77.7    | 78.2  | 78.6    | 79.0   | 79.4    | 79.7  | 80.0   |
| -41.25° | 74.2    | 74.7  | 75.3    | 75.8   | 76.3    | 76.7  | 77.2    | 77.6   | 77.9    | 78.2  | 78.5   |
| -42.5°  | 72.8    | 73.4  | 73.9    | 74.4   | 74.9    | 75.3  | 75.7    | 76.1   | 76.4    | 76.7  | 77.0   |
| -43.75° | 71.5    | 72.0  | 72.5    | 73.0   | 73.4    | 73.9  | 74.3    | 74.6   | 74.9    | 75.2  | 75.5   |
| -45°    | 70.6    | 71.0  | 71.3    | 71.6   | 72.0    | 72.4  | 72.8    | 73.1   | 73.4    | 73.7  | 74.0   |
| -46.25° | 69.7    | 70.0  | 70.4    | 70.7   | 70.9    | 71.2  | 71.4    | 71.7   | 72.0    | 72.2  | 72.5   |
| -47.5°  | 69.6    | 69.6  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6   |
| -48.75° | 69.6    | 69.6  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6   |
| -50°    | 69.6    | 69.6  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6   |
| -51.25° | 69.6    | 69.6  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6   |
| -52.5°  | 69.2    | 69.5  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6   |
| -53.75° | 68.3    | 68.6  | 68.8    | 69.0   | 69.3    | 69.5  | 69.6    | 69.6   | 69.6    | 69.6  | 69.6   |
| -55°    | 67.0    | 67.6  | 67.8    | 68.1   | 68.3    | 68.5  | 68.6    | 68.8   | 69.0    | 69.1  | 69.2   |
| -56.25° | 64.2    | 64.9  | 65.6    | 66.2   | 66.8    | 67.4  | 67.6    | 67.8   | 67.9    | 68.1  | 68.2   |
| -57.5°  | 61.4    | 62.1  | 62.7    | 63.3   | 63.9    | 64.4  | 64.9    | 65.4   | 65.8    | 66.1  | 66.4   |
| -58.75° | 59.0    | 59.6  | 60.1    | 60.6   | 61.0    | 61.5  | 61.9    | 62.4   | 62.7    | 63.1  | 63.4   |
| -60°    | 56.7    | 57.2  | 57.7    | 58.1   | 58.6    | 59.0  | 59.3    | 59.7   | 60.0    | 60.3  | 60.5   |
| -61.25° | 53.2    | 54.0  | 54.8    | 55.5   | 56.1    | 56.5  | 56.8    | 57.2   | 57.4    | 57.7  | 57.9   |
| -62.5°  | 49.4    | 50.2  | 50.9    | 51.5   | 52.2    | 52.7  | 53.3    | 53.8   | 54.2    | 54.6  | 54.9   |
| -63.75° | 45.6    | 46.3  | 47.0    | 47.6   | 48.2    | 48.8  | 49.3    | 49.7   | 50.2    | 50.5  | 50.9   |
| -65°    | 41.8    | 42.5  | 43.1    | 43.7   | 44.3    | 44.8  | 45.3    | 45.7   | 46.1    | 46.5  | 46.8   |
| -66.25° | 38.2    | 38.7  | 39.3    | 39.8   | 40.3    | 40.8  | 41.3    | 41.7   | 42.0    | 42.4  | 42.7   |
| -67.5°  | 34.8    | 35.3  | 35.8    | 36.3   | 36.7    | 37.1  | 37.5    | 37.9   | 38.2    | 38.4  | 38.7   |
| -68.75° | 31.6    | 32.0  | 32.4    | 32.8   | 33.3    | 33.6  | 34.0    | 34.3   | 34.6    | 34.9  | 35.1   |
| -70°    | 28.7    | 29.1  | 29.5    | 29.8   | 30.1    | 30.4  | 30.7    | 31.0   | 31.2    | 31.4  | 31.6   |
| -71.25° | 25.9    | 26.2  | 26.5    | 26.9   | 27.2    | 27.5  | 27.7    | 28.0   | 28.2    | 28.4  | 28.5   |
| -72.5°  | 23.9    | 24.2  | 24.4    | 24.6   | 24.8    | 25.0  | 25.1    | 25.3   | 25.4    | 25.5  | 25.6   |
| -73.75° | 22.0    | 22.2  | 22.4    | 22.6   | 22.8    | 22.9  | 23.1    | 23.2   | 23.4    | 23.5  | 23.6   |
| -75°    | 20.9    | 21.0  | 21.1    | 21.2   | 21.3    | 21.4  | 21.4    | 21.5   | 21.6    | 21.6  | 21.6   |
| -76.25° | 20.0    | 20.0  | 20.1    | 20.2   | 20.3    | 20.3  | 20.4    | 20.5   | 20.5    | 20.6  | 20.6   |
| -77.5°  | 18.6    | 18.8  | 18.9    | 19.0   | 19.1    | 19.2  | 19.2    | 19.3   | 19.4    | 19.5  | 19.5   |



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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° | 17.2    | 17.3 | 17.4    | 17.5   | 17.6    | 17.7 | 17.7    | 17.8   | 17.9    | 17.9 | 18.0   |
| -80°    | 15.5    | 15.6 | 15.7    | 15.8   | 15.9    | 16.0 | 16.1    | 16.2   | 16.3    | 16.3 | 16.4   |
| -81.25° | 13.6    | 13.7 | 13.8    | 13.9   | 14.0    | 14.1 | 14.1    | 14.2   | 14.3    | 14.3 | 14.4   |
| -82.5°  | 11.6    | 11.7 | 11.8    | 11.9   | 12.0    | 12.1 | 12.1    | 12.2   | 12.3    | 12.3 | 12.4   |
| -83.75° | 9.7     | 9.8  | 9.8     | 9.9    | 10.0    | 10.0 | 10.1    | 10.2   | 10.2    | 10.2 | 10.3   |
| -85°    | 7.6     | 7.7  | 7.7     | 7.8    | 7.9     | 7.9  | 8.0     | 8.1    | 8.1     | 8.1  | 8.2    |
| -86.25° | 5.2     | 5.2  | 5.3     | 5.3    | 5.4     | 5.4  | 5.5     | 5.5    | 5.5     | 5.6  | 5.6    |
| -87.5°  | 2.9     | 2.9  | 2.9     | 3.0    | 3.0     | 3.0  | 3.0     | 3.0    | 3.0     | 3.1  | 3.1    |
| -88.75° | 1.4     | 1.5  | 1.5     | 1.5    | 1.5     | 1.5  | 1.5     | 1.5    | 1.5     | 1.5  | 1.5    |
| -90°    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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   | 0.0    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 88.75° | 1.5   | 1.5    | 1.5  | 1.5    | 1.5   | 1.5    | 1.5  | 1.5   | 1.5  | 1.5   | 1.5  |
| 87.5°  | 3.1   | 3.1    | 3.1  | 3.1    | 3.1   | 3.1    | 3.1  | 3.1   | 3.1  | 3.1   | 3.1  |
| 86.25° | 5.6   | 5.7    | 5.7  | 5.7    | 5.7   | 5.7    | 5.7  | 5.7   | 5.7  | 5.7   | 5.7  |
| 85°    | 8.2   | 8.2    | 8.3  | 8.3    | 8.3   | 8.3    | 8.3  | 8.3   | 8.3  | 8.3   | 8.3  |
| 83.75° | 10.3  | 10.3   | 10.4 | 10.4   | 10.4  | 10.4   | 10.4 | 10.4  | 10.4 | 10.4  | 10.4 |
| 82.5°  | 12.4  | 12.4   | 12.5 | 12.5   | 12.5  | 12.5   | 12.5 | 12.5  | 12.5 | 12.5  | 12.5 |
| 81.25° | 14.4  | 14.5   | 14.5 | 14.5   | 14.5  | 14.5   | 14.6 | 14.5  | 14.5 | 14.5  | 14.5 |
| 80°    | 16.5  | 16.5   | 16.5 | 16.6   | 16.6  | 16.6   | 16.6 | 16.6  | 16.6 | 16.6  | 16.5 |
| 78.75° | 18.0  | 18.1   | 18.1 | 18.1   | 18.1  | 18.1   | 18.2 | 18.1  | 18.1 | 18.1  | 18.1 |
| 77.5°  | 19.6  | 19.6   | 19.6 | 19.7   | 19.7  | 19.7   | 19.7 | 19.7  | 19.7 | 19.7  | 19.6 |
| 76.25° | 20.6  | 20.7   | 20.7 | 20.7   | 20.7  | 20.7   | 20.8 | 20.7  | 20.7 | 20.7  | 20.7 |
| 75°    | 21.7  | 21.7   | 21.8 | 21.8   | 21.8  | 21.8   | 21.8 | 21.8  | 21.8 | 21.8  | 21.8 |
| 73.75° | 23.7  | 23.7   | 23.8 | 23.8   | 23.9  | 23.9   | 23.9 | 23.9  | 23.9 | 23.8  | 23.8 |
| 72.5°  | 25.7  | 25.8   | 25.9 | 25.9   | 26.0  | 26.0   | 26.0 | 26.0  | 26.0 | 25.9  | 25.9 |
| 71.25° | 28.7  | 28.8   | 28.9 | 29.0   | 29.1  | 29.1   | 29.1 | 29.1  | 29.1 | 29.0  | 28.9 |
| 70°    | 31.8  | 31.9   | 32.0 | 32.1   | 32.2  | 32.2   | 32.2 | 32.2  | 32.2 | 32.1  | 32.0 |
| 68.75° | 35.3  | 35.5   | 35.6 | 35.7   | 35.8  | 35.8   | 35.9 | 35.8  | 35.8 | 35.7  | 35.6 |
| 67.5°  | 38.9  | 39.1   | 39.2 | 39.4   | 39.4  | 39.5   | 39.5 | 39.5  | 39.4 | 39.4  | 39.2 |
| 66.25° | 42.9  | 43.2   | 43.3 | 43.5   | 43.6  | 43.6   | 43.7 | 43.6  | 43.6 | 43.5  | 43.3 |
| 65°    | 47.0  | 47.3   | 47.5 | 47.6   | 47.7  | 47.8   | 47.8 | 47.8  | 47.7 | 47.6  | 47.5 |
| 63.75° | 51.1  | 51.4   | 51.6 | 51.7   | 51.9  | 51.9   | 52.0 | 51.9  | 51.9 | 51.7  | 51.6 |
| 62.5°  | 55.3  | 55.5   | 55.7 | 55.9   | 56.0  | 56.1   | 56.1 | 56.1  | 56.0 | 55.9  | 55.7 |
| 61.25° | 58.1  | 58.3   | 58.5 | 58.6   | 58.6  | 58.7   | 58.7 | 58.7  | 58.6 | 58.6  | 58.5 |
| 60°    | 60.7  | 60.9   | 61.0 | 61.2   | 61.2  | 61.3   | 61.3 | 61.3  | 61.2 | 61.2  | 61.0 |
| 58.75° | 63.7  | 63.9   | 64.1 | 64.2   | 64.3  | 64.4   | 64.4 | 64.4  | 64.3 | 64.2  | 64.1 |
| 57.5°  | 66.7  | 67.0   | 67.2 | 67.3   | 67.4  | 67.5   | 67.5 | 67.5  | 67.4 | 67.3  | 67.2 |
| 56.25° | 68.3  | 68.4   | 68.4 | 68.5   | 68.5  | 68.5   | 68.6 | 68.5  | 68.5 | 68.5  | 68.4 |
| 55°    | 69.3  | 69.4   | 69.5 | 69.5   | 69.6  | 69.6   | 69.6 | 69.6  | 69.6 | 69.5  | 69.5 |
| 53.75° | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6  | 69.6 | 69.6  | 69.6 |
| 52.5°  | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6  | 69.6 | 69.6  | 69.6 |
| 51.25° | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6  | 69.6 | 69.6  | 69.6 |
| 50°    | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6  | 69.6 | 69.6  | 69.6 |
| 48.75° | 70.3  | 70.4   | 70.5 | 70.6   | 70.6  | 70.6   | 70.7 | 70.6  | 70.6 | 70.6  | 70.5 |
| 47.5°  | 71.3  | 71.4   | 71.5 | 71.6   | 71.7  | 71.7   | 71.7 | 71.7  | 71.7 | 71.6  | 71.5 |
| 46.25° | 72.7  | 72.8   | 73.0 | 73.1   | 73.2  | 73.2   | 73.3 | 73.2  | 73.2 | 73.1  | 73.0 |
| 45°    | 74.2  | 74.4   | 74.5 | 74.6   | 74.7  | 74.8   | 74.8 | 74.8  | 74.7 | 74.6  | 74.5 |
| 43.75° | 75.7  | 75.9   | 76.1 | 76.2   | 76.3  | 76.3   | 76.4 | 76.3  | 76.3 | 76.2  | 76.1 |
| 42.5°  | 77.2  | 77.4   | 77.6 | 77.7   | 77.8  | 77.9   | 77.9 | 77.9  | 77.8 | 77.7  | 77.6 |
| 41.25° | 78.8  | 79.0   | 79.1 | 79.3   | 79.4  | 79.4   | 79.5 | 79.4  | 79.4 | 79.3  | 79.1 |
| 40°    | 80.3  | 80.5   | 80.7 | 80.8   | 80.9  | 81.0   | 81.0 | 81.0  | 80.9 | 80.8  | 80.7 |
| 38.75° | 81.8  | 82.0   | 82.2 | 82.4   | 82.5  | 82.5   | 82.6 | 82.5  | 82.5 | 82.4  | 82.2 |
| 37.5°  | 83.3  | 83.6   | 83.7 | 83.9   | 84.0  | 84.1   | 84.1 | 84.1  | 84.0 | 83.9  | 83.7 |
| 36.25° | 85.6  | 86.1   | 86.5 | 86.8   | 87.1  | 87.2   | 87.3 | 87.2  | 87.1 | 86.8  | 86.5 |
| 35°    | 88.7  | 89.2   | 89.6 | 90.0   | 90.2  | 90.4   | 90.4 | 90.4  | 90.2 | 90.0  | 89.6 |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -7.5°  | -6.25° | -5°     | -3.75°  | -2.5°   | -1.25°  | 0°      | 1.25°   | 2.5°    | 3.75°   | 5°      |
|---------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 33.75°  | 94.1   | 95.6   | 96.9    | 97.9    | 98.6    | 99.1    | 99.2    | 99.1    | 98.6    | 97.9    | 96.9    |
| 32.5°   | 102.6  | 104.3  | 105.6   | 106.6   | 107.4   | 107.8   | 108.0   | 107.8   | 107.4   | 106.6   | 105.6   |
| 31.25°  | 111.8  | 113.8  | 115.4   | 116.7   | 117.7   | 118.2   | 118.4   | 118.2   | 117.7   | 116.7   | 115.4   |
| 30°     | 121.8  | 123.9  | 125.7   | 127.0   | 128.0   | 128.6   | 128.8   | 128.6   | 128.0   | 127.0   | 125.7   |
| 28.75°  | 133.8  | 137.4  | 140.3   | 143.3   | 148.1   | 151.0   | 151.9   | 151.0   | 148.1   | 143.3   | 140.3   |
| 27.5°   | 164.4  | 175.1  | 188.5   | 205.0   | 216.9   | 224.1   | 226.5   | 224.1   | 216.9   | 205.0   | 188.5   |
| 26.25°  | 251.4  | 280.8  | 312.0   | 336.4   | 353.9   | 364.5   | 368.1   | 364.5   | 353.9   | 336.4   | 312.0   |
| 25°     | 396.0  | 441.5  | 479.7   | 509.6   | 531.2   | 544.2   | 548.5   | 544.2   | 531.2   | 509.6   | 479.7   |
| 23.75°  | 574.1  | 626.7  | 670.3   | 704.5   | 729.2   | 744.0   | 749.0   | 744.0   | 729.2   | 704.5   | 670.3   |
| 22.5°   | 764.2  | 819.8  | 866.0   | 902.3   | 928.4   | 944.2   | 949.5   | 944.2   | 928.4   | 902.3   | 866.0   |
| 21.25°  | 951.8  | 987.8  | 1017.8  | 1041.4  | 1058.4  | 1068.7  | 1072.1  | 1068.7  | 1058.4  | 1041.4  | 1017.8  |
| 20°     | 1066.6 | 1104.9 | 1136.8  | 1161.9  | 1180.1  | 1191.0  | 1194.7  | 1191.0  | 1180.1  | 1161.9  | 1136.8  |
| 18.75°  | 1180.6 | 1216.1 | 1243.5  | 1265.1  | 1282.2  | 1293.7  | 1297.5  | 1293.7  | 1282.2  | 1265.1  | 1243.5  |
| 17.5°   | 1274.3 | 1316.7 | 1352.1  | 1381.9  | 1405.3  | 1419.5  | 1424.3  | 1419.5  | 1405.3  | 1381.9  | 1352.1  |
| 16.25°  | 1385.2 | 1437.4 | 1482.0  | 1528.6  | 1562.5  | 1583.0  | 1589.9  | 1583.0  | 1562.5  | 1528.6  | 1482.0  |
| 15°     | 1518.8 | 1594.0 | 1672.1  | 1747.1  | 1801.7  | 1834.9  | 1846.0  | 1834.9  | 1801.7  | 1747.1  | 1672.1  |
| 13.75°  | 1708.4 | 1828.7 | 1951.0  | 2052.1  | 2128.4  | 2187.1  | 2206.8  | 2187.1  | 2128.4  | 2052.1  | 1951.0  |
| 12.5°   | 1969.4 | 2134.8 | 2313.7  | 2457.6  | 2588.5  | 2671.1  | 2698.9  | 2671.1  | 2588.5  | 2457.6  | 2313.7  |
| 11.25°  | 2297.4 | 2540.4 | 2790.4  | 3017.4  | 3221.0  | 3346.0  | 3388.2  | 3346.0  | 3221.0  | 3017.4  | 2790.4  |
| 10°     | 2709.3 | 3063.9 | 3438.2  | 3818.0  | 4129.0  | 4321.0  | 4386.0  | 4321.0  | 4129.0  | 3818.0  | 3438.2  |
| 8.75°   | 3230.6 | 3762.8 | 4328.5  | 4901.0  | 5342.3  | 5641.8  | 5748.7  | 5641.8  | 5342.3  | 4901.0  | 4328.5  |
| 7.5°    | 3887.1 | 4649.5 | 5439.3  | 6196.7  | 6783.2  | 7173.2  | 7306.7  | 7173.2  | 6783.2  | 6196.7  | 5439.3  |
| 6.25°   | 4649.5 | 5651.6 | 6660.9  | 7585.8  | 8302.6  | 8760.1  | 8918.4  | 8760.1  | 8302.6  | 7585.8  | 6660.9  |
| 5°      | 5439.3 | 6660.9 | 7869.0  | 8922.1  | 9743.5  | 10277.0 | 10465.2 | 10277.0 | 9743.5  | 8922.1  | 7869.0  |
| 3.75°   | 6196.7 | 7585.8 | 8922.1  | 10095.7 | 10993.8 | 11577.2 | 11756.7 | 11577.2 | 10993.8 | 10095.7 | 8922.1  |
| 2.5°    | 6783.2 | 8302.6 | 9743.5  | 10993.8 | 11947.3 | 12556.4 | 12750.7 | 12556.4 | 11947.3 | 10993.8 | 9743.5  |
| 1.25°   | 7173.2 | 8760.1 | 10277.0 | 11577.2 | 12556.4 | 13176.5 | 13391.6 | 13176.5 | 12556.4 | 11577.2 | 10277.0 |
| 0°      | 7306.7 | 8918.4 | 10465.2 | 11756.7 | 12750.7 | 13391.6 | 13674.2 | 13391.6 | 12750.7 | 11756.7 | 10465.2 |
| -1.25°  | 7173.2 | 8760.1 | 10277.0 | 11577.2 | 12556.4 | 13176.5 | 13391.6 | 13176.5 | 12556.4 | 11577.2 | 10277.0 |
| -2.5°   | 6783.2 | 8302.6 | 9743.5  | 10993.8 | 11947.3 | 12556.4 | 12750.7 | 12556.4 | 11947.3 | 10993.8 | 9743.5  |
| -3.75°  | 6196.7 | 7585.8 | 8922.1  | 10095.7 | 10993.8 | 11577.2 | 11756.7 | 11577.2 | 10993.8 | 10095.7 | 8922.1  |
| -5°     | 5439.3 | 6660.9 | 7869.0  | 8922.1  | 9743.5  | 10277.0 | 10465.2 | 10277.0 | 9743.5  | 8922.1  | 7869.0  |
| -6.25°  | 4649.5 | 5651.6 | 6660.9  | 7585.8  | 8302.6  | 8760.1  | 8918.4  | 8760.1  | 8302.6  | 7585.8  | 6660.9  |
| -7.5°   | 3887.1 | 4649.5 | 5439.3  | 6196.7  | 6783.2  | 7173.2  | 7306.7  | 7173.2  | 6783.2  | 6196.7  | 5439.3  |
| -8.75°  | 3230.6 | 3762.8 | 4328.5  | 4901.0  | 5342.3  | 5641.8  | 5748.7  | 5641.8  | 5342.3  | 4901.0  | 4328.5  |
| -10°    | 2709.3 | 3063.9 | 3438.2  | 3818.0  | 4129.0  | 4321.0  | 4386.0  | 4321.0  | 4129.0  | 3818.0  | 3438.2  |
| -11.25° | 2297.4 | 2540.4 | 2790.4  | 3017.4  | 3221.0  | 3346.0  | 3388.2  | 3346.0  | 3221.0  | 3017.4  | 2790.4  |
| -12.5°  | 1969.4 | 2134.8 | 2313.7  | 2457.6  | 2588.5  | 2671.1  | 2698.9  | 2671.1  | 2588.5  | 2457.6  | 2313.7  |
| -13.75° | 1708.4 | 1828.7 | 1951.0  | 2052.1  | 2128.4  | 2187.1  | 2206.8  | 2187.1  | 2128.4  | 2052.1  | 1951.0  |
| -15°    | 1518.8 | 1594.0 | 1672.1  | 1747.1  | 1801.7  | 1834.9  | 1846.0  | 1834.9  | 1801.7  | 1747.1  | 1672.1  |
| -16.25° | 1385.2 | 1437.4 | 1482.0  | 1528.6  | 1562.5  | 1583.0  | 1589.9  | 1583.0  | 1562.5  | 1528.6  | 1482.0  |
| -17.5°  | 1274.3 | 1316.7 | 1352.1  | 1381.9  | 1405.3  | 1419.5  | 1424.3  | 1419.5  | 1405.3  | 1381.9  | 1352.1  |
| -18.75° | 1180.6 | 1216.1 | 1243.5  | 1265.1  | 1282.2  | 1293.7  | 1297.5  | 1293.7  | 1282.2  | 1265.1  | 1243.5  |
| -20°    | 1066.6 | 1104.9 | 1136.8  | 1161.9  | 1180.1  | 1191.0  | 1194.7  | 1191.0  | 1180.1  | 1161.9  | 1136.8  |
| -21.25° | 951.8  | 987.8  | 1017.8  | 1041.4  | 1058.4  | 1068.7  | 1072.1  | 1068.7  | 1058.4  | 1041.4  | 1017.8  |





REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 764.2 | 819.8  | 866.0 | 902.3  | 928.4 | 944.2  | 949.5 | 944.2 | 928.4 | 902.3 | 866.0 |
| -23.75° | 574.1 | 626.7  | 670.3 | 704.5  | 729.2 | 744.0  | 749.0 | 744.0 | 729.2 | 704.5 | 670.3 |
| -25°    | 396.0 | 441.5  | 479.7 | 509.6  | 531.2 | 544.2  | 548.5 | 544.2 | 531.2 | 509.6 | 479.7 |
| -26.25° | 251.4 | 280.8  | 312.0 | 336.4  | 353.9 | 364.5  | 368.1 | 364.5 | 353.9 | 336.4 | 312.0 |
| -27.5°  | 164.4 | 175.1  | 188.5 | 205.0  | 216.9 | 224.1  | 226.5 | 224.1 | 216.9 | 205.0 | 188.5 |
| -28.75° | 133.8 | 137.4  | 140.3 | 143.3  | 148.1 | 151.0  | 151.9 | 151.0 | 148.1 | 143.3 | 140.3 |
| -30°    | 121.8 | 123.9  | 125.7 | 127.0  | 128.0 | 128.6  | 128.8 | 128.6 | 128.0 | 127.0 | 125.7 |
| -31.25° | 111.8 | 113.8  | 115.4 | 116.7  | 117.7 | 118.2  | 118.4 | 118.2 | 117.7 | 116.7 | 115.4 |
| -32.5°  | 102.6 | 104.3  | 105.6 | 106.6  | 107.4 | 107.8  | 108.0 | 107.8 | 107.4 | 106.6 | 105.6 |
| -33.75° | 94.1  | 95.6   | 96.9  | 97.9   | 98.6  | 99.1   | 99.2  | 99.1  | 98.6  | 97.9  | 96.9  |
| -35°    | 88.7  | 89.2   | 89.6  | 90.0   | 90.2  | 90.4   | 90.4  | 90.4  | 90.2  | 90.0  | 89.6  |
| -36.25° | 85.6  | 86.1   | 86.5  | 86.8   | 87.1  | 87.2   | 87.3  | 87.2  | 87.1  | 86.8  | 86.5  |
| -37.5°  | 83.3  | 83.6   | 83.7  | 83.9   | 84.0  | 84.1   | 84.1  | 84.1  | 84.0  | 83.9  | 83.7  |
| -38.75° | 81.8  | 82.0   | 82.2  | 82.4   | 82.5  | 82.5   | 82.6  | 82.5  | 82.5  | 82.4  | 82.2  |
| -40°    | 80.3  | 80.5   | 80.7  | 80.8   | 80.9  | 81.0   | 81.0  | 81.0  | 80.9  | 80.8  | 80.7  |
| -41.25° | 78.8  | 79.0   | 79.1  | 79.3   | 79.4  | 79.4   | 79.5  | 79.4  | 79.4  | 79.3  | 79.1  |
| -42.5°  | 77.2  | 77.4   | 77.6  | 77.7   | 77.8  | 77.9   | 77.9  | 77.9  | 77.8  | 77.7  | 77.6  |
| -43.75° | 75.7  | 75.9   | 76.1  | 76.2   | 76.3  | 76.3   | 76.4  | 76.3  | 76.3  | 76.2  | 76.1  |
| -45°    | 74.2  | 74.4   | 74.5  | 74.6   | 74.7  | 74.8   | 74.8  | 74.8  | 74.7  | 74.6  | 74.5  |
| -46.25° | 72.7  | 72.8   | 73.0  | 73.1   | 73.2  | 73.2   | 73.3  | 73.2  | 73.2  | 73.1  | 73.0  |
| -47.5°  | 71.3  | 71.4   | 71.5  | 71.6   | 71.7  | 71.7   | 71.7  | 71.7  | 71.7  | 71.6  | 71.5  |
| -48.75° | 70.3  | 70.4   | 70.5  | 70.6   | 70.6  | 70.6   | 70.7  | 70.6  | 70.6  | 70.6  | 70.5  |
| -50°    | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6  | 69.6  | 69.6  | 69.6  |
| -51.25° | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6  | 69.6  | 69.6  | 69.6  |
| -52.5°  | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6  | 69.6  | 69.6  | 69.6  |
| -53.75° | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6  | 69.6  | 69.6  | 69.6  |
| -55°    | 69.3  | 69.4   | 69.5  | 69.5   | 69.6  | 69.6   | 69.6  | 69.6  | 69.6  | 69.5  | 69.5  |
| -56.25° | 68.3  | 68.4   | 68.4  | 68.5   | 68.5  | 68.5   | 68.6  | 68.5  | 68.5  | 68.5  | 68.4  |
| -57.5°  | 66.7  | 67.0   | 67.2  | 67.3   | 67.4  | 67.5   | 67.5  | 67.5  | 67.4  | 67.3  | 67.2  |
| -58.75° | 63.7  | 63.9   | 64.1  | 64.2   | 64.3  | 64.4   | 64.4  | 64.4  | 64.3  | 64.2  | 64.1  |
| -60°    | 60.7  | 60.9   | 61.0  | 61.2   | 61.2  | 61.3   | 61.3  | 61.3  | 61.2  | 61.2  | 61.0  |
| -61.25° | 58.1  | 58.3   | 58.5  | 58.6   | 58.6  | 58.7   | 58.7  | 58.7  | 58.6  | 58.6  | 58.5  |
| -62.5°  | 55.3  | 55.5   | 55.7  | 55.9   | 56.0  | 56.1   | 56.1  | 56.1  | 56.0  | 55.9  | 55.7  |
| -63.75° | 51.1  | 51.4   | 51.6  | 51.7   | 51.9  | 51.9   | 52.0  | 51.9  | 51.9  | 51.7  | 51.6  |
| -65°    | 47.0  | 47.3   | 47.5  | 47.6   | 47.7  | 47.8   | 47.8  | 47.8  | 47.7  | 47.6  | 47.5  |
| -66.25° | 42.9  | 43.2   | 43.3  | 43.5   | 43.6  | 43.6   | 43.7  | 43.6  | 43.6  | 43.5  | 43.3  |
| -67.5°  | 38.9  | 39.1   | 39.2  | 39.4   | 39.4  | 39.5   | 39.5  | 39.5  | 39.4  | 39.4  | 39.2  |
| -68.75° | 35.3  | 35.5   | 35.6  | 35.7   | 35.8  | 35.8   | 35.9  | 35.8  | 35.8  | 35.7  | 35.6  |
| -70°    | 31.8  | 31.9   | 32.0  | 32.1   | 32.2  | 32.2   | 32.2  | 32.2  | 32.2  | 32.1  | 32.0  |
| -71.25° | 28.7  | 28.8   | 28.9  | 29.0   | 29.1  | 29.1   | 29.1  | 29.1  | 29.1  | 29.0  | 28.9  |
| -72.5°  | 25.7  | 25.8   | 25.9  | 25.9   | 26.0  | 26.0   | 26.0  | 26.0  | 26.0  | 25.9  | 25.9  |
| -73.75° | 23.7  | 23.7   | 23.8  | 23.8   | 23.9  | 23.9   | 23.9  | 23.9  | 23.9  | 23.8  | 23.8  |
| -75°    | 21.7  | 21.7   | 21.8  | 21.8   | 21.8  | 21.8   | 21.8  | 21.8  | 21.8  | 21.8  | 21.8  |
| -76.25° | 20.6  | 20.7   | 20.7  | 20.7   | 20.7  | 20.7   | 20.8  | 20.7  | 20.7  | 20.7  | 20.7  |
| -77.5°  | 19.6  | 19.6   | 19.6  | 19.7   | 19.7  | 19.7   | 19.7  | 19.7  | 19.7  | 19.7  | 19.6  |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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° | 18.0  | 18.1   | 18.1 | 18.1   | 18.1  | 18.1   | 18.2 | 18.1  | 18.1 | 18.1  | 18.1 |
| -80°    | 16.5  | 16.5   | 16.5 | 16.6   | 16.6  | 16.6   | 16.6 | 16.6  | 16.6 | 16.6  | 16.5 |
| -81.25° | 14.4  | 14.5   | 14.5 | 14.5   | 14.5  | 14.5   | 14.6 | 14.5  | 14.5 | 14.5  | 14.5 |
| -82.5°  | 12.4  | 12.4   | 12.5 | 12.5   | 12.5  | 12.5   | 12.5 | 12.5  | 12.5 | 12.5  | 12.5 |
| -83.75° | 10.3  | 10.3   | 10.4 | 10.4   | 10.4  | 10.4   | 10.4 | 10.4  | 10.4 | 10.4  | 10.4 |
| -85°    | 8.2   | 8.2    | 8.3  | 8.3    | 8.3   | 8.3    | 8.3  | 8.3   | 8.3  | 8.3   | 8.3  |
| -86.25° | 5.6   | 5.7    | 5.7  | 5.7    | 5.7   | 5.7    | 5.7  | 5.7   | 5.7  | 5.7   | 5.7  |
| -87.5°  | 3.1   | 3.1    | 3.1  | 3.1    | 3.1   | 3.1    | 3.1  | 3.1   | 3.1  | 3.1   | 3.1  |
| -88.75° | 1.5   | 1.5    | 1.5  | 1.5    | 1.5   | 1.5    | 1.5  | 1.5   | 1.5  | 1.5   | 1.5  |
| -90°    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**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    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    |
| 88.75° | 1.5   | 1.5  | 1.5   | 1.5  | 1.5    | 1.5   | 1.5    | 1.5  | 1.5    | 1.5   | 1.5    |
| 87.5°  | 3.1   | 3.1  | 3.1   | 3.1  | 3.0    | 3.0   | 3.0    | 3.0  | 3.0    | 3.0   | 2.9    |
| 86.25° | 5.7   | 5.6  | 5.6   | 5.6  | 5.5    | 5.5   | 5.5    | 5.4  | 5.4    | 5.3   | 5.3    |
| 85°    | 8.2   | 8.2  | 8.2   | 8.1  | 8.1    | 8.1   | 8.0    | 7.9  | 7.9    | 7.8   | 7.7    |
| 83.75° | 10.3  | 10.3 | 10.3  | 10.2 | 10.2   | 10.2  | 10.1   | 10.0 | 10.0   | 9.9   | 9.8    |
| 82.5°  | 12.4  | 12.4 | 12.4  | 12.3 | 12.3   | 12.2  | 12.1   | 12.1 | 12.0   | 11.9  | 11.8   |
| 81.25° | 14.5  | 14.4 | 14.4  | 14.3 | 14.3   | 14.2  | 14.1   | 14.1 | 14.0   | 13.9  | 13.8   |
| 80°    | 16.5  | 16.5 | 16.4  | 16.3 | 16.3   | 16.2  | 16.1   | 16.0 | 15.9   | 15.8  | 15.7   |
| 78.75° | 18.1  | 18.0 | 18.0  | 17.9 | 17.9   | 17.8  | 17.7   | 17.7 | 17.6   | 17.5  | 17.4   |
| 77.5°  | 19.6  | 19.6 | 19.5  | 19.5 | 19.4   | 19.3  | 19.2   | 19.2 | 19.1   | 19.0  | 18.9   |
| 76.25° | 20.7  | 20.6 | 20.6  | 20.6 | 20.5   | 20.5  | 20.4   | 20.3 | 20.3   | 20.2  | 20.1   |
| 75°    | 21.7  | 21.7 | 21.6  | 21.6 | 21.6   | 21.5  | 21.4   | 21.4 | 21.3   | 21.2  | 21.1   |
| 73.75° | 23.7  | 23.7 | 23.6  | 23.5 | 23.4   | 23.2  | 23.1   | 22.9 | 22.8   | 22.6  | 22.4   |
| 72.5°  | 25.8  | 25.7 | 25.6  | 25.5 | 25.4   | 25.3  | 25.1   | 25.0 | 24.8   | 24.6  | 24.4   |
| 71.25° | 28.8  | 28.7 | 28.5  | 28.4 | 28.2   | 28.0  | 27.7   | 27.5 | 27.2   | 26.9  | 26.5   |
| 70°    | 31.9  | 31.8 | 31.6  | 31.4 | 31.2   | 31.0  | 30.7   | 30.4 | 30.1   | 29.8  | 29.5   |
| 68.75° | 35.5  | 35.3 | 35.1  | 34.9 | 34.6   | 34.3  | 34.0   | 33.6 | 33.3   | 32.8  | 32.4   |
| 67.5°  | 39.1  | 38.9 | 38.7  | 38.4 | 38.2   | 37.9  | 37.5   | 37.1 | 36.7   | 36.3  | 35.8   |
| 66.25° | 43.2  | 42.9 | 42.7  | 42.4 | 42.0   | 41.7  | 41.3   | 40.8 | 40.3   | 39.8  | 39.3   |
| 65°    | 47.3  | 47.0 | 46.8  | 46.5 | 46.1   | 45.7  | 45.3   | 44.8 | 44.3   | 43.7  | 43.1   |
| 63.75° | 51.4  | 51.1 | 50.9  | 50.5 | 50.2   | 49.7  | 49.3   | 48.8 | 48.2   | 47.6  | 47.0   |
| 62.5°  | 55.5  | 55.3 | 54.9  | 54.6 | 54.2   | 53.8  | 53.3   | 52.7 | 52.2   | 51.5  | 50.9   |
| 61.25° | 58.3  | 58.1 | 57.9  | 57.7 | 57.4   | 57.2  | 56.8   | 56.5 | 56.1   | 55.5  | 54.8   |
| 60°    | 60.9  | 60.7 | 60.5  | 60.3 | 60.0   | 59.7  | 59.3   | 59.0 | 58.6   | 58.1  | 57.7   |
| 58.75° | 63.9  | 63.7 | 63.4  | 63.1 | 62.7   | 62.4  | 61.9   | 61.5 | 61.0   | 60.6  | 60.1   |
| 57.5°  | 67.0  | 66.7 | 66.4  | 66.1 | 65.8   | 65.4  | 64.9   | 64.4 | 63.9   | 63.3  | 62.7   |
| 56.25° | 68.4  | 68.3 | 68.2  | 68.1 | 67.9   | 67.8  | 67.6   | 67.4 | 66.8   | 66.2  | 65.6   |
| 55°    | 69.4  | 69.3 | 69.2  | 69.1 | 69.0   | 68.8  | 68.6   | 68.5 | 68.3   | 68.1  | 67.8   |
| 53.75° | 69.6  | 69.6 | 69.6  | 69.6 | 69.6   | 69.6  | 69.6   | 69.5 | 69.3   | 69.0  | 68.8   |
| 52.5°  | 69.6  | 69.6 | 69.6  | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   |
| 51.25° | 69.6  | 69.6 | 69.6  | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   |
| 50°    | 69.6  | 69.6 | 69.6  | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   |
| 48.75° | 70.4  | 70.3 | 70.2  | 70.0 | 69.8   | 69.7  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   |
| 47.5°  | 71.4  | 71.3 | 71.2  | 71.0 | 70.9   | 70.7  | 70.5   | 70.2 | 70.0   | 69.7  | 69.6   |
| 46.25° | 72.8  | 72.7 | 72.5  | 72.2 | 72.0   | 71.7  | 71.4   | 71.2 | 70.9   | 70.7  | 70.4   |
| 45°    | 74.4  | 74.2 | 74.0  | 73.7 | 73.4   | 73.1  | 72.8   | 72.4 | 72.0   | 71.6  | 71.3   |
| 43.75° | 75.9  | 75.7 | 75.5  | 75.2 | 74.9   | 74.6  | 74.3   | 73.9 | 73.4   | 73.0  | 72.5   |
| 42.5°  | 77.4  | 77.2 | 77.0  | 76.7 | 76.4   | 76.1  | 75.7   | 75.3 | 74.9   | 74.4  | 73.9   |
| 41.25° | 79.0  | 78.8 | 78.5  | 78.2 | 77.9   | 77.6  | 77.2   | 76.7 | 76.3   | 75.8  | 75.3   |
| 40°    | 80.5  | 80.3 | 80.0  | 79.7 | 79.4   | 79.0  | 78.6   | 78.2 | 77.7   | 77.2  | 76.7   |
| 38.75° | 82.0  | 81.8 | 81.5  | 81.2 | 80.9   | 80.5  | 80.1   | 79.6 | 79.1   | 78.6  | 78.0   |
| 37.5°  | 83.6  | 83.3 | 83.0  | 82.7 | 82.3   | 81.9  | 81.5   | 81.0 | 80.5   | 80.0  | 79.4   |
| 36.25° | 86.1  | 85.6 | 85.0  | 84.3 | 83.8   | 83.4  | 82.9   | 82.4 | 81.9   | 81.3  | 80.7   |
| 35°    | 89.2  | 88.7 | 88.0  | 87.3 | 86.5   | 85.6  | 84.7   | 83.9 | 83.3   | 82.7  | 82.1   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**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°  | 95.6   | 94.1   | 92.3   | 90.3   | 89.5   | 88.6   | 87.5   | 86.4   | 85.3   | 84.1   | 83.4   |
| 32.5°   | 104.3  | 102.6  | 100.7  | 98.6   | 96.1   | 93.4   | 90.4   | 89.3   | 88.0   | 86.7   | 85.4   |
| 31.25°  | 113.8  | 111.8  | 109.4  | 106.9  | 104.3  | 101.5  | 98.4   | 95.1   | 91.5   | 89.4   | 88.0   |
| 30°     | 123.9  | 121.8  | 119.4  | 116.5  | 113.4  | 109.9  | 106.4  | 102.9  | 99.2   | 95.2   | 91.0   |
| 28.75°  | 137.4  | 133.8  | 129.6  | 126.3  | 123.0  | 119.4  | 115.4  | 111.1  | 106.7  | 102.6  | 98.3   |
| 27.5°   | 175.1  | 164.4  | 151.7  | 140.6  | 134.9  | 128.8  | 124.6  | 120.1  | 115.3  | 110.3  | 105.4  |
| 26.25°  | 280.8  | 251.4  | 220.0  | 184.1  | 165.4  | 146.8  | 136.8  | 129.2  | 124.1  | 118.8  | 113.3  |
| 25°     | 441.5  | 396.0  | 349.7  | 297.0  | 247.9  | 201.8  | 168.6  | 146.0  | 135.1  | 127.2  | 121.4  |
| 23.75°  | 626.7  | 574.1  | 515.4  | 451.0  | 382.2  | 314.5  | 250.1  | 193.9  | 161.2  | 139.6  | 129.9  |
| 22.5°   | 819.8  | 764.2  | 699.5  | 626.1  | 544.9  | 462.3  | 376.8  | 294.7  | 226.0  | 172.2  | 143.3  |
| 21.25°  | 987.8  | 951.8  | 884.8  | 807.3  | 721.4  | 627.7  | 528.2  | 428.4  | 333.5  | 247.7  | 178.9  |
| 20°     | 1104.9 | 1066.6 | 1022.2 | 972.2  | 896.0  | 797.4  | 691.3  | 578.3  | 465.7  | 356.9  | 258.6  |
| 18.75°  | 1216.1 | 1180.6 | 1133.5 | 1080.4 | 1021.9 | 958.4  | 852.6  | 734.3  | 609.7  | 484.5  | 364.8  |
| 17.5°   | 1316.7 | 1274.3 | 1233.8 | 1187.1 | 1125.2 | 1058.2 | 986.6  | 886.2  | 756.0  | 620.2  | 484.5  |
| 16.25°  | 1437.4 | 1385.2 | 1331.0 | 1272.8 | 1220.1 | 1155.6 | 1080.3 | 1000.8 | 897.4  | 756.0  | 609.7  |
| 15°     | 1594.0 | 1518.8 | 1444.6 | 1373.2 | 1304.9 | 1239.4 | 1171.0 | 1087.7 | 1000.8 | 886.2  | 734.3  |
| 13.75°  | 1828.7 | 1708.4 | 1589.5 | 1487.4 | 1402.6 | 1321.3 | 1245.9 | 1171.0 | 1080.3 | 986.6  | 852.6  |
| 12.5°   | 2134.8 | 1969.4 | 1798.2 | 1636.0 | 1515.2 | 1412.5 | 1321.3 | 1239.4 | 1155.6 | 1058.2 | 958.4  |
| 11.25°  | 2540.4 | 2297.4 | 2059.0 | 1844.0 | 1657.8 | 1515.2 | 1402.6 | 1304.9 | 1220.1 | 1125.2 | 1021.9 |
| 10°     | 3063.9 | 2709.3 | 2380.9 | 2089.3 | 1844.0 | 1636.0 | 1487.4 | 1373.2 | 1272.8 | 1187.1 | 1080.4 |
| 8.75°   | 3762.8 | 3230.6 | 2766.8 | 2380.9 | 2059.0 | 1798.2 | 1589.5 | 1444.6 | 1331.0 | 1233.8 | 1133.5 |
| 7.5°    | 4649.5 | 3887.1 | 3230.6 | 2709.3 | 2297.4 | 1969.4 | 1708.4 | 1518.8 | 1385.2 | 1274.3 | 1180.6 |
| 6.25°   | 5651.6 | 4649.5 | 3762.8 | 3063.9 | 2540.4 | 2134.8 | 1828.7 | 1594.0 | 1437.4 | 1316.7 | 1216.1 |
| 5°      | 6660.9 | 5439.3 | 4328.5 | 3438.2 | 2790.4 | 2313.7 | 1951.0 | 1672.1 | 1482.0 | 1352.1 | 1243.5 |
| 3.75°   | 7585.8 | 6196.7 | 4901.0 | 3818.0 | 3017.4 | 2457.6 | 2052.1 | 1747.1 | 1528.6 | 1381.9 | 1265.1 |
| 2.5°    | 8302.6 | 6783.2 | 5342.3 | 4129.0 | 3221.0 | 2588.5 | 2128.4 | 1801.7 | 1562.5 | 1405.3 | 1282.2 |
| 1.25°   | 8760.1 | 7173.2 | 5641.8 | 4321.0 | 3346.0 | 2671.1 | 2187.1 | 1834.9 | 1583.0 | 1419.5 | 1293.7 |
| 0°      | 8918.4 | 7306.7 | 5748.7 | 4386.0 | 3388.2 | 2698.9 | 2206.8 | 1846.0 | 1589.9 | 1424.3 | 1297.5 |
| -1.25°  | 8760.1 | 7173.2 | 5641.8 | 4321.0 | 3346.0 | 2671.1 | 2187.1 | 1834.9 | 1583.0 | 1419.5 | 1293.7 |
| -2.5°   | 8302.6 | 6783.2 | 5342.3 | 4129.0 | 3221.0 | 2588.5 | 2128.4 | 1801.7 | 1562.5 | 1405.3 | 1282.2 |
| -3.75°  | 7585.8 | 6196.7 | 4901.0 | 3818.0 | 3017.4 | 2457.6 | 2052.1 | 1747.1 | 1528.6 | 1381.9 | 1265.1 |
| -5°     | 6660.9 | 5439.3 | 4328.5 | 3438.2 | 2790.4 | 2313.7 | 1951.0 | 1672.1 | 1482.0 | 1352.1 | 1243.5 |
| -6.25°  | 5651.6 | 4649.5 | 3762.8 | 3063.9 | 2540.4 | 2134.8 | 1828.7 | 1594.0 | 1437.4 | 1316.7 | 1216.1 |
| -7.5°   | 4649.5 | 3887.1 | 3230.6 | 2709.3 | 2297.4 | 1969.4 | 1708.4 | 1518.8 | 1385.2 | 1274.3 | 1180.6 |
| -8.75°  | 3762.8 | 3230.6 | 2766.8 | 2380.9 | 2059.0 | 1798.2 | 1589.5 | 1444.6 | 1331.0 | 1233.8 | 1133.5 |
| -10°    | 3063.9 | 2709.3 | 2380.9 | 2089.3 | 1844.0 | 1636.0 | 1487.4 | 1373.2 | 1272.8 | 1187.1 | 1080.4 |
| -11.25° | 2540.4 | 2297.4 | 2059.0 | 1844.0 | 1657.8 | 1515.2 | 1402.6 | 1304.9 | 1220.1 | 1125.2 | 1021.9 |
| -12.5°  | 2134.8 | 1969.4 | 1798.2 | 1636.0 | 1515.2 | 1412.5 | 1321.3 | 1239.4 | 1155.6 | 1058.2 | 958.4  |
| -13.75° | 1828.7 | 1708.4 | 1589.5 | 1487.4 | 1402.6 | 1321.3 | 1245.9 | 1171.0 | 1080.3 | 986.6  | 852.6  |
| -15°    | 1594.0 | 1518.8 | 1444.6 | 1373.2 | 1304.9 | 1239.4 | 1171.0 | 1087.7 | 1000.8 | 886.2  | 734.3  |
| -16.25° | 1437.4 | 1385.2 | 1331.0 | 1272.8 | 1220.1 | 1155.6 | 1080.3 | 1000.8 | 897.4  | 756.0  | 609.7  |
| -17.5°  | 1316.7 | 1274.3 | 1233.8 | 1187.1 | 1125.2 | 1058.2 | 986.6  | 886.2  | 756.0  | 620.2  | 484.5  |
| -18.75° | 1216.1 | 1180.6 | 1133.5 | 1080.4 | 1021.9 | 958.4  | 852.6  | 734.3  | 609.7  | 484.5  | 364.8  |
| -20°    | 1104.9 | 1066.6 | 1022.2 | 972.2  | 896.0  | 797.4  | 691.3  | 578.3  | 465.7  | 356.9  | 258.6  |
| -21.25° | 987.8  | 951.8  | 884.8  | 807.3  | 721.4  | 627.7  | 528.2  | 428.4  | 333.5  | 247.7  | 178.9  |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**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°  | 819.8 | 764.2 | 699.5 | 626.1 | 544.9  | 462.3 | 376.8  | 294.7 | 226.0  | 172.2 | 143.3  |
| -23.75° | 626.7 | 574.1 | 515.4 | 451.0 | 382.2  | 314.5 | 250.1  | 193.9 | 161.2  | 139.6 | 129.9  |
| -25°    | 441.5 | 396.0 | 349.7 | 297.0 | 247.9  | 201.8 | 168.6  | 146.0 | 135.1  | 127.2 | 121.4  |
| -26.25° | 280.8 | 251.4 | 220.0 | 184.1 | 165.4  | 146.8 | 136.8  | 129.2 | 124.1  | 118.8 | 113.3  |
| -27.5°  | 175.1 | 164.4 | 151.7 | 140.6 | 134.9  | 128.8 | 124.6  | 120.1 | 115.3  | 110.3 | 105.4  |
| -28.75° | 137.4 | 133.8 | 129.6 | 126.3 | 123.0  | 119.4 | 115.4  | 111.1 | 106.7  | 102.6 | 98.3   |
| -30°    | 123.9 | 121.8 | 119.4 | 116.5 | 113.4  | 109.9 | 106.4  | 102.9 | 99.2   | 95.2  | 91.0   |
| -31.25° | 113.8 | 111.8 | 109.4 | 106.9 | 104.3  | 101.5 | 98.4   | 95.1  | 91.5   | 89.4  | 88.0   |
| -32.5°  | 104.3 | 102.6 | 100.7 | 98.6  | 96.1   | 93.4  | 90.4   | 89.3  | 88.0   | 86.7  | 85.4   |
| -33.75° | 95.6  | 94.1  | 92.3  | 90.3  | 89.5   | 88.6  | 87.5   | 86.4  | 85.3   | 84.1  | 83.4   |
| -35°    | 89.2  | 88.7  | 88.0  | 87.3  | 86.5   | 85.6  | 84.7   | 83.9  | 83.3   | 82.7  | 82.1   |
| -36.25° | 86.1  | 85.6  | 85.0  | 84.3  | 83.8   | 83.4  | 82.9   | 82.4  | 81.9   | 81.3  | 80.7   |
| -37.5°  | 83.6  | 83.3  | 83.0  | 82.7  | 82.3   | 81.9  | 81.5   | 81.0  | 80.5   | 80.0  | 79.4   |
| -38.75° | 82.0  | 81.8  | 81.5  | 81.2  | 80.9   | 80.5  | 80.1   | 79.6  | 79.1   | 78.6  | 78.0   |
| -40°    | 80.5  | 80.3  | 80.0  | 79.7  | 79.4   | 79.0  | 78.6   | 78.2  | 77.7   | 77.2  | 76.7   |
| -41.25° | 79.0  | 78.8  | 78.5  | 78.2  | 77.9   | 77.6  | 77.2   | 76.7  | 76.3   | 75.8  | 75.3   |
| -42.5°  | 77.4  | 77.2  | 77.0  | 76.7  | 76.4   | 76.1  | 75.7   | 75.3  | 74.9   | 74.4  | 73.9   |
| -43.75° | 75.9  | 75.7  | 75.5  | 75.2  | 74.9   | 74.6  | 74.3   | 73.9  | 73.4   | 73.0  | 72.5   |
| -45°    | 74.4  | 74.2  | 74.0  | 73.7  | 73.4   | 73.1  | 72.8   | 72.4  | 72.0   | 71.6  | 71.3   |
| -46.25° | 72.8  | 72.7  | 72.5  | 72.2  | 72.0   | 71.7  | 71.4   | 71.2  | 70.9   | 70.7  | 70.4   |
| -47.5°  | 71.4  | 71.3  | 71.2  | 71.0  | 70.9   | 70.7  | 70.5   | 70.2  | 70.0   | 69.7  | 69.6   |
| -48.75° | 70.4  | 70.3  | 70.2  | 70.0  | 69.8   | 69.7  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   |
| -50°    | 69.6  | 69.6  | 69.6  | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   |
| -51.25° | 69.6  | 69.6  | 69.6  | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   |
| -52.5°  | 69.6  | 69.6  | 69.6  | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   |
| -53.75° | 69.6  | 69.6  | 69.6  | 69.6  | 69.6   | 69.6  | 69.6   | 69.5  | 69.3   | 69.0  | 68.8   |
| -55°    | 69.4  | 69.3  | 69.2  | 69.1  | 69.0   | 68.8  | 68.6   | 68.5  | 68.3   | 68.1  | 67.8   |
| -56.25° | 68.4  | 68.3  | 68.2  | 68.1  | 67.9   | 67.8  | 67.6   | 67.4  | 66.8   | 66.2  | 65.6   |
| -57.5°  | 67.0  | 66.7  | 66.4  | 66.1  | 65.8   | 65.4  | 64.9   | 64.4  | 63.9   | 63.3  | 62.7   |
| -58.75° | 63.9  | 63.7  | 63.4  | 63.1  | 62.7   | 62.4  | 61.9   | 61.5  | 61.0   | 60.6  | 60.1   |
| -60°    | 60.9  | 60.7  | 60.5  | 60.3  | 60.0   | 59.7  | 59.3   | 59.0  | 58.6   | 58.1  | 57.7   |
| -61.25° | 58.3  | 58.1  | 57.9  | 57.7  | 57.4   | 57.2  | 56.8   | 56.5  | 56.1   | 55.5  | 54.8   |
| -62.5°  | 55.5  | 55.3  | 54.9  | 54.6  | 54.2   | 53.8  | 53.3   | 52.7  | 52.2   | 51.5  | 50.9   |
| -63.75° | 51.4  | 51.1  | 50.9  | 50.5  | 50.2   | 49.7  | 49.3   | 48.8  | 48.2   | 47.6  | 47.0   |
| -65°    | 47.3  | 47.0  | 46.8  | 46.5  | 46.1   | 45.7  | 45.3   | 44.8  | 44.3   | 43.7  | 43.1   |
| -66.25° | 43.2  | 42.9  | 42.7  | 42.4  | 42.0   | 41.7  | 41.3   | 40.8  | 40.3   | 39.8  | 39.3   |
| -67.5°  | 39.1  | 38.9  | 38.7  | 38.4  | 38.2   | 37.9  | 37.5   | 37.1  | 36.7   | 36.3  | 35.8   |
| -68.75° | 35.5  | 35.3  | 35.1  | 34.9  | 34.6   | 34.3  | 34.0   | 33.6  | 33.3   | 32.8  | 32.4   |
| -70°    | 31.9  | 31.8  | 31.6  | 31.4  | 31.2   | 31.0  | 30.7   | 30.4  | 30.1   | 29.8  | 29.5   |
| -71.25° | 28.8  | 28.7  | 28.5  | 28.4  | 28.2   | 28.0  | 27.7   | 27.5  | 27.2   | 26.9  | 26.5   |
| -72.5°  | 25.8  | 25.7  | 25.6  | 25.5  | 25.4   | 25.3  | 25.1   | 25.0  | 24.8   | 24.6  | 24.4   |
| -73.75° | 23.7  | 23.7  | 23.6  | 23.5  | 23.4   | 23.2  | 23.1   | 22.9  | 22.8   | 22.6  | 22.4   |
| -75°    | 21.7  | 21.7  | 21.6  | 21.6  | 21.6   | 21.5  | 21.4   | 21.4  | 21.3   | 21.2  | 21.1   |
| -76.25° | 20.7  | 20.6  | 20.6  | 20.6  | 20.5   | 20.5  | 20.4   | 20.3  | 20.3   | 20.2  | 20.1   |
| -77.5°  | 19.6  | 19.6  | 19.5  | 19.5  | 19.4   | 19.3  | 19.2   | 19.2  | 19.1   | 19.0  | 18.9   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**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° | 18.1  | 18.0 | 18.0  | 17.9 | 17.9   | 17.8  | 17.7   | 17.7 | 17.6   | 17.5  | 17.4   |
| -80°    | 16.5  | 16.5 | 16.4  | 16.3 | 16.3   | 16.2  | 16.1   | 16.0 | 15.9   | 15.8  | 15.7   |
| -81.25° | 14.5  | 14.4 | 14.4  | 14.3 | 14.3   | 14.2  | 14.1   | 14.1 | 14.0   | 13.9  | 13.8   |
| -82.5°  | 12.4  | 12.4 | 12.4  | 12.3 | 12.3   | 12.2  | 12.1   | 12.1 | 12.0   | 11.9  | 11.8   |
| -83.75° | 10.3  | 10.3 | 10.3  | 10.2 | 10.2   | 10.2  | 10.1   | 10.0 | 10.0   | 9.9   | 9.8    |
| -85°    | 8.2   | 8.2  | 8.2   | 8.1  | 8.1    | 8.1   | 8.0    | 7.9  | 7.9    | 7.8   | 7.7    |
| -86.25° | 5.7   | 5.6  | 5.6   | 5.6  | 5.5    | 5.5   | 5.5    | 5.4  | 5.4    | 5.3   | 5.3    |
| -87.5°  | 3.1   | 3.1  | 3.1   | 3.1  | 3.0    | 3.0   | 3.0    | 3.0  | 3.0    | 3.0   | 2.9    |
| -88.75° | 1.5   | 1.5  | 1.5   | 1.5  | 1.5    | 1.5   | 1.5    | 1.5  | 1.5    | 1.5   | 1.5    |
| -90°    | 0.0   | 0.0  | 0.0   | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   |
| 88.75° | 1.5  | 1.4    | 1.4   | 1.4    | 1.4  | 1.4    | 1.4   | 1.4    | 1.3  | 1.3    | 1.3   |
| 87.5°  | 2.9  | 2.9    | 2.9   | 2.8    | 2.8  | 2.8    | 2.7   | 2.7    | 2.7  | 2.7    | 2.6   |
| 86.25° | 5.2  | 5.2    | 5.1   | 5.0    | 5.0  | 4.9    | 4.8   | 4.7    | 4.7  | 4.6    | 4.5   |
| 85°    | 7.7  | 7.6    | 7.5   | 7.4    | 7.3  | 7.2    | 7.1   | 7.0    | 6.9  | 6.8    | 6.7   |
| 83.75° | 9.8  | 9.7    | 9.6   | 9.5    | 9.4  | 9.3    | 9.2   | 9.1    | 9.0  | 8.9    | 8.8   |
| 82.5°  | 11.7 | 11.6   | 11.5  | 11.4   | 11.3 | 11.2   | 11.1  | 10.9   | 10.8 | 10.7   | 10.5  |
| 81.25° | 13.7 | 13.6   | 13.5  | 13.3   | 13.2 | 13.1   | 12.9  | 12.8   | 12.6 | 12.5   | 12.3  |
| 80°    | 15.6 | 15.5   | 15.3  | 15.2   | 15.0 | 14.9   | 14.7  | 14.6   | 14.4 | 14.2   | 14.0  |
| 78.75° | 17.3 | 17.2   | 17.1  | 17.0   | 16.8 | 16.7   | 16.5  | 16.4   | 16.2 | 15.9   | 15.7  |
| 77.5°  | 18.8 | 18.6   | 18.5  | 18.4   | 18.2 | 18.1   | 17.9  | 17.8   | 17.6 | 17.4   | 17.2  |
| 76.25° | 20.0 | 20.0   | 19.9  | 19.8   | 19.6 | 19.5   | 19.3  | 19.1   | 18.9 | 18.7   | 18.5  |
| 75°    | 21.0 | 20.9   | 20.8  | 20.7   | 20.6 | 20.5   | 20.3  | 20.2   | 20.1 | 19.9   | 19.8  |
| 73.75° | 22.2 | 22.0   | 21.8  | 21.7   | 21.5 | 21.4   | 21.3  | 21.1   | 21.0 | 20.8   | 20.7  |
| 72.5°  | 24.2 | 23.9   | 23.7  | 23.4   | 23.2 | 22.9   | 22.6  | 22.3   | 22.0 | 21.7   | 21.5  |
| 71.25° | 26.2 | 25.9   | 25.6  | 25.3   | 25.1 | 24.7   | 24.4  | 24.1   | 23.8 | 23.4   | 23.0  |
| 70°    | 29.1 | 28.7   | 28.3  | 27.8   | 27.4 | 26.9   | 26.4  | 25.9   | 25.5 | 25.2   | 24.8  |
| 68.75° | 32.0 | 31.6   | 31.1  | 30.6   | 30.2 | 29.6   | 29.1  | 28.5   | 28.0 | 27.4   | 26.7  |
| 67.5°  | 35.3 | 34.8   | 34.3  | 33.7   | 33.1 | 32.4   | 31.8  | 31.2   | 30.6 | 30.0   | 29.3  |
| 66.25° | 38.7 | 38.2   | 37.6  | 37.0   | 36.3 | 35.6   | 34.9  | 34.2   | 33.4 | 32.6   | 31.8  |
| 65°    | 42.5 | 41.8   | 41.1  | 40.4   | 39.6 | 38.8   | 38.1  | 37.3   | 36.5 | 35.6   | 34.8  |
| 63.75° | 46.3 | 45.6   | 44.9  | 44.1   | 43.3 | 42.4   | 41.5  | 40.5   | 39.6 | 38.7   | 37.8  |
| 62.5°  | 50.2 | 49.4   | 48.6  | 47.8   | 46.9 | 46.0   | 45.1  | 44.1   | 43.1 | 42.0   | 40.9  |
| 61.25° | 54.0 | 53.2   | 52.4  | 51.5   | 50.6 | 49.6   | 48.6  | 47.6   | 46.5 | 45.4   | 44.3  |
| 60°    | 57.2 | 56.7   | 56.1  | 55.2   | 54.3 | 53.3   | 52.2  | 51.1   | 50.0 | 48.8   | 47.6  |
| 58.75° | 59.6 | 59.0   | 58.5  | 57.9   | 57.2 | 56.6   | 55.8  | 54.6   | 53.4 | 52.2   | 50.9  |
| 57.5°  | 62.1 | 61.4   | 60.8  | 60.2   | 59.5 | 58.8   | 58.1  | 57.4   | 56.6 | 55.6   | 54.3  |
| 56.25° | 64.9 | 64.2   | 63.5  | 62.7   | 61.9 | 61.1   | 60.3  | 59.5   | 58.7 | 57.9   | 57.0  |
| 55°    | 67.6 | 67.0   | 66.3  | 65.4   | 64.6 | 63.7   | 62.7  | 61.8   | 60.9 | 60.0   | 59.1  |
| 53.75° | 68.6 | 68.3   | 68.0  | 67.7   | 67.3 | 66.3   | 65.4  | 64.3   | 63.3 | 62.2   | 61.1  |
| 52.5°  | 69.5 | 69.2   | 68.9  | 68.6   | 68.3 | 68.0   | 67.7  | 66.9   | 65.8 | 64.7   | 63.5  |
| 51.25° | 69.6 | 69.6   | 69.6  | 69.6   | 69.2 | 68.9   | 68.5  | 68.2   | 67.8 | 67.1   | 65.9  |
| 50°    | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.4  | 69.0   | 68.6 | 68.2   | 67.8  |
| 48.75° | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.4 | 69.0   | 68.6  |
| 47.5°  | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.4  |
| 46.25° | 70.0 | 69.7   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  |
| 45°    | 71.0 | 70.6   | 70.3  | 69.9   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  |
| 43.75° | 72.0 | 71.5   | 71.2  | 70.8   | 70.4 | 69.9   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  |
| 42.5°  | 73.4 | 72.8   | 72.2  | 71.7   | 71.2 | 70.8   | 70.3  | 69.8   | 69.6 | 69.6   | 69.6  |
| 41.25° | 74.7 | 74.2   | 73.6  | 72.9   | 72.3 | 71.6   | 71.1  | 70.6   | 70.1 | 69.6   | 69.6  |
| 40°    | 76.1 | 75.5   | 74.9  | 74.2   | 73.5 | 72.8   | 72.1  | 71.4   | 70.9 | 70.4   | 69.8  |
| 38.75° | 77.4 | 76.8   | 76.2  | 75.5   | 74.8 | 74.0   | 73.3  | 72.5   | 71.7 | 71.1   | 70.5  |
| 37.5°  | 78.8 | 78.1   | 77.4  | 76.7   | 76.0 | 75.2   | 74.5  | 73.6   | 72.8 | 72.0   | 71.3  |
| 36.25° | 80.1 | 79.4   | 78.7  | 78.0   | 77.2 | 76.4   | 75.6  | 74.8   | 73.9 | 73.0   | 72.1  |
| 35°    | 81.4 | 80.7   | 80.0  | 79.2   | 78.4 | 77.6   | 76.8  | 75.9   | 75.0 | 74.1   | 73.2  |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 82.7   | 82.0   | 81.2  | 80.5   | 79.6  | 78.8   | 77.9  | 77.0   | 76.1  | 75.2   | 74.2  |
| 32.5°   | 84.0   | 83.3   | 82.5  | 81.7   | 80.8  | 79.9   | 79.0  | 78.1   | 77.2  | 76.2   | 75.2  |
| 31.25°  | 86.5   | 84.9   | 83.7  | 82.8   | 82.0  | 81.1   | 80.2  | 79.2   | 78.2  | 77.2   | 76.2  |
| 30°     | 89.1   | 87.4   | 85.7  | 84.0   | 83.1  | 82.2   | 81.2  | 80.3   | 79.3  | 78.2   | 77.2  |
| 28.75°  | 93.7   | 89.9   | 88.1  | 86.3   | 84.4  | 83.3   | 82.3  | 81.3   | 80.3  | 79.2   | 78.1  |
| 27.5°   | 100.7  | 95.8   | 90.6  | 88.6   | 86.6  | 84.6   | 83.3  | 82.3   | 81.2  | 80.2   | 79.0  |
| 26.25°  | 107.5  | 102.4  | 97.1  | 91.6   | 88.8  | 86.7   | 84.6  | 83.3   | 82.2  | 81.1   | 79.9  |
| 25°     | 115.4  | 109.2  | 103.5 | 97.8   | 92.0  | 88.8   | 86.6  | 84.4   | 83.1  | 82.0   | 80.8  |
| 23.75°  | 123.2  | 116.7  | 110.0 | 103.8  | 97.8  | 91.6   | 88.6  | 86.3   | 84.0  | 82.8   | 81.7  |
| 22.5°   | 132.1  | 124.1  | 117.2 | 110.0  | 103.5 | 97.1   | 90.6  | 88.1   | 85.7  | 83.7   | 82.5  |
| 21.25°  | 147.7  | 132.9  | 124.1 | 116.7  | 109.2 | 102.4  | 95.8  | 89.9   | 87.4  | 84.9   | 83.3  |
| 20°     | 181.6  | 147.7  | 132.1 | 123.2  | 115.4 | 107.5  | 100.7 | 93.7   | 89.1  | 86.5   | 84.0  |
| 18.75°  | 258.6  | 178.9  | 143.3 | 129.9  | 121.4 | 113.3  | 105.4 | 98.3   | 91.0  | 88.0   | 85.4  |
| 17.5°   | 356.9  | 247.7  | 172.2 | 139.6  | 127.2 | 118.8  | 110.3 | 102.6  | 95.2  | 89.4   | 86.7  |
| 16.25°  | 465.7  | 333.5  | 226.0 | 161.2  | 135.1 | 124.1  | 115.3 | 106.7  | 99.2  | 91.5   | 88.0  |
| 15°     | 578.3  | 428.4  | 294.7 | 193.9  | 146.0 | 129.2  | 120.1 | 111.1  | 102.9 | 95.1   | 89.3  |
| 13.75°  | 691.3  | 528.2  | 376.8 | 250.1  | 168.6 | 136.8  | 124.6 | 115.4  | 106.4 | 98.4   | 90.4  |
| 12.5°   | 797.4  | 627.7  | 462.3 | 314.5  | 201.8 | 146.8  | 128.8 | 119.4  | 109.9 | 101.5  | 93.4  |
| 11.25°  | 896.0  | 721.4  | 544.9 | 382.2  | 247.9 | 165.4  | 134.9 | 123.0  | 113.4 | 104.3  | 96.1  |
| 10°     | 972.2  | 807.3  | 626.1 | 451.0  | 297.0 | 184.1  | 140.6 | 126.3  | 116.5 | 106.9  | 98.6  |
| 8.75°   | 1022.2 | 884.8  | 699.5 | 515.4  | 349.7 | 220.0  | 151.7 | 129.6  | 119.4 | 109.4  | 100.7 |
| 7.5°    | 1066.6 | 951.8  | 764.2 | 574.1  | 396.0 | 251.4  | 164.4 | 133.8  | 121.8 | 111.8  | 102.6 |
| 6.25°   | 1104.9 | 987.8  | 819.8 | 626.7  | 441.5 | 280.8  | 175.1 | 137.4  | 123.9 | 113.8  | 104.3 |
| 5°      | 1136.8 | 1017.8 | 866.0 | 670.3  | 479.7 | 312.0  | 188.5 | 140.3  | 125.7 | 115.4  | 105.6 |
| 3.75°   | 1161.9 | 1041.4 | 902.3 | 704.5  | 509.6 | 336.4  | 205.0 | 143.3  | 127.0 | 116.7  | 106.6 |
| 2.5°    | 1180.1 | 1058.4 | 928.4 | 729.2  | 531.2 | 353.9  | 216.9 | 148.1  | 128.0 | 117.7  | 107.4 |
| 1.25°   | 1191.0 | 1068.7 | 944.2 | 744.0  | 544.2 | 364.5  | 224.1 | 151.0  | 128.6 | 118.2  | 107.8 |
| 0°      | 1194.7 | 1072.1 | 949.5 | 749.0  | 548.5 | 368.1  | 226.5 | 151.9  | 128.8 | 118.4  | 108.0 |
| -1.25°  | 1191.0 | 1068.7 | 944.2 | 744.0  | 544.2 | 364.5  | 224.1 | 151.0  | 128.6 | 118.2  | 107.8 |
| -2.5°   | 1180.1 | 1058.4 | 928.4 | 729.2  | 531.2 | 353.9  | 216.9 | 148.1  | 128.0 | 117.7  | 107.4 |
| -3.75°  | 1161.9 | 1041.4 | 902.3 | 704.5  | 509.6 | 336.4  | 205.0 | 143.3  | 127.0 | 116.7  | 106.6 |
| -5°     | 1136.8 | 1017.8 | 866.0 | 670.3  | 479.7 | 312.0  | 188.5 | 140.3  | 125.7 | 115.4  | 105.6 |
| -6.25°  | 1104.9 | 987.8  | 819.8 | 626.7  | 441.5 | 280.8  | 175.1 | 137.4  | 123.9 | 113.8  | 104.3 |
| -7.5°   | 1066.6 | 951.8  | 764.2 | 574.1  | 396.0 | 251.4  | 164.4 | 133.8  | 121.8 | 111.8  | 102.6 |
| -8.75°  | 1022.2 | 884.8  | 699.5 | 515.4  | 349.7 | 220.0  | 151.7 | 129.6  | 119.4 | 109.4  | 100.7 |
| -10°    | 972.2  | 807.3  | 626.1 | 451.0  | 297.0 | 184.1  | 140.6 | 126.3  | 116.5 | 106.9  | 98.6  |
| -11.25° | 896.0  | 721.4  | 544.9 | 382.2  | 247.9 | 165.4  | 134.9 | 123.0  | 113.4 | 104.3  | 96.1  |
| -12.5°  | 797.4  | 627.7  | 462.3 | 314.5  | 201.8 | 146.8  | 128.8 | 119.4  | 109.9 | 101.5  | 93.4  |
| -13.75° | 691.3  | 528.2  | 376.8 | 250.1  | 168.6 | 136.8  | 124.6 | 115.4  | 106.4 | 98.4   | 90.4  |
| -15°    | 578.3  | 428.4  | 294.7 | 193.9  | 146.0 | 129.2  | 120.1 | 111.1  | 102.9 | 95.1   | 89.3  |
| -16.25° | 465.7  | 333.5  | 226.0 | 161.2  | 135.1 | 124.1  | 115.3 | 106.7  | 99.2  | 91.5   | 88.0  |
| -17.5°  | 356.9  | 247.7  | 172.2 | 139.6  | 127.2 | 118.8  | 110.3 | 102.6  | 95.2  | 89.4   | 86.7  |
| -18.75° | 258.6  | 178.9  | 143.3 | 129.9  | 121.4 | 113.3  | 105.4 | 98.3   | 91.0  | 88.0   | 85.4  |
| -20°    | 181.6  | 147.7  | 132.1 | 123.2  | 115.4 | 107.5  | 100.7 | 93.7   | 89.1  | 86.5   | 84.0  |
| -21.25° | 147.7  | 132.9  | 124.1 | 116.7  | 109.2 | 102.4  | 95.8  | 89.9   | 87.4  | 84.9   | 83.3  |





REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 132.1 | 124.1  | 117.2 | 110.0  | 103.5 | 97.1   | 90.6  | 88.1   | 85.7 | 83.7   | 82.5  |
| -23.75° | 123.2 | 116.7  | 110.0 | 103.8  | 97.8  | 91.6   | 88.6  | 86.3   | 84.0 | 82.8   | 81.7  |
| -25°    | 115.4 | 109.2  | 103.5 | 97.8   | 92.0  | 88.8   | 86.6  | 84.4   | 83.1 | 82.0   | 80.8  |
| -26.25° | 107.5 | 102.4  | 97.1  | 91.6   | 88.8  | 86.7   | 84.6  | 83.3   | 82.2 | 81.1   | 79.9  |
| -27.5°  | 100.7 | 95.8   | 90.6  | 88.6   | 86.6  | 84.6   | 83.3  | 82.3   | 81.2 | 80.2   | 79.0  |
| -28.75° | 93.7  | 89.9   | 88.1  | 86.3   | 84.4  | 83.3   | 82.3  | 81.3   | 80.3 | 79.2   | 78.1  |
| -30°    | 89.1  | 87.4   | 85.7  | 84.0   | 83.1  | 82.2   | 81.2  | 80.3   | 79.3 | 78.2   | 77.2  |
| -31.25° | 86.5  | 84.9   | 83.7  | 82.8   | 82.0  | 81.1   | 80.2  | 79.2   | 78.2 | 77.2   | 76.2  |
| -32.5°  | 84.0  | 83.3   | 82.5  | 81.7   | 80.8  | 79.9   | 79.0  | 78.1   | 77.2 | 76.2   | 75.2  |
| -33.75° | 82.7  | 82.0   | 81.2  | 80.5   | 79.6  | 78.8   | 77.9  | 77.0   | 76.1 | 75.2   | 74.2  |
| -35°    | 81.4  | 80.7   | 80.0  | 79.2   | 78.4  | 77.6   | 76.8  | 75.9   | 75.0 | 74.1   | 73.2  |
| -36.25° | 80.1  | 79.4   | 78.7  | 78.0   | 77.2  | 76.4   | 75.6  | 74.8   | 73.9 | 73.0   | 72.1  |
| -37.5°  | 78.8  | 78.1   | 77.4  | 76.7   | 76.0  | 75.2   | 74.5  | 73.6   | 72.8 | 72.0   | 71.3  |
| -38.75° | 77.4  | 76.8   | 76.2  | 75.5   | 74.8  | 74.0   | 73.3  | 72.5   | 71.7 | 71.1   | 70.5  |
| -40°    | 76.1  | 75.5   | 74.9  | 74.2   | 73.5  | 72.8   | 72.1  | 71.4   | 70.9 | 70.4   | 69.8  |
| -41.25° | 74.7  | 74.2   | 73.6  | 72.9   | 72.3  | 71.6   | 71.1  | 70.6   | 70.1 | 69.6   | 69.6  |
| -42.5°  | 73.4  | 72.8   | 72.2  | 71.7   | 71.2  | 70.8   | 70.3  | 69.8   | 69.6 | 69.6   | 69.6  |
| -43.75° | 72.0  | 71.5   | 71.2  | 70.8   | 70.4  | 69.9   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  |
| -45°    | 71.0  | 70.6   | 70.3  | 69.9   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  |
| -46.25° | 70.0  | 69.7   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  |
| -47.5°  | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.4  |
| -48.75° | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.4 | 69.0   | 68.6  |
| -50°    | 69.6  | 69.6   | 69.6  | 69.6   | 69.6  | 69.6   | 69.4  | 69.0   | 68.6 | 68.2   | 67.8  |
| -51.25° | 69.6  | 69.6   | 69.6  | 69.6   | 69.2  | 68.9   | 68.5  | 68.2   | 67.8 | 67.1   | 65.9  |
| -52.5°  | 69.5  | 69.2   | 68.9  | 68.6   | 68.3  | 68.0   | 67.7  | 66.9   | 65.8 | 64.7   | 63.5  |
| -53.75° | 68.6  | 68.3   | 68.0  | 67.7   | 67.3  | 66.3   | 65.4  | 64.3   | 63.3 | 62.2   | 61.1  |
| -55°    | 67.6  | 67.0   | 66.3  | 65.4   | 64.6  | 63.7   | 62.7  | 61.8   | 60.9 | 60.0   | 59.1  |
| -56.25° | 64.9  | 64.2   | 63.5  | 62.7   | 61.9  | 61.1   | 60.3  | 59.5   | 58.7 | 57.9   | 57.0  |
| -57.5°  | 62.1  | 61.4   | 60.8  | 60.2   | 59.5  | 58.8   | 58.1  | 57.4   | 56.6 | 55.6   | 54.3  |
| -58.75° | 59.6  | 59.0   | 58.5  | 57.9   | 57.2  | 56.6   | 55.8  | 54.6   | 53.4 | 52.2   | 50.9  |
| -60°    | 57.2  | 56.7   | 56.1  | 55.2   | 54.3  | 53.3   | 52.2  | 51.1   | 50.0 | 48.8   | 47.6  |
| -61.25° | 54.0  | 53.2   | 52.4  | 51.5   | 50.6  | 49.6   | 48.6  | 47.6   | 46.5 | 45.4   | 44.3  |
| -62.5°  | 50.2  | 49.4   | 48.6  | 47.8   | 46.9  | 46.0   | 45.1  | 44.1   | 43.1 | 42.0   | 40.9  |
| -63.75° | 46.3  | 45.6   | 44.9  | 44.1   | 43.3  | 42.4   | 41.5  | 40.5   | 39.6 | 38.7   | 37.8  |
| -65°    | 42.5  | 41.8   | 41.1  | 40.4   | 39.6  | 38.8   | 38.1  | 37.3   | 36.5 | 35.6   | 34.8  |
| -66.25° | 38.7  | 38.2   | 37.6  | 37.0   | 36.3  | 35.6   | 34.9  | 34.2   | 33.4 | 32.6   | 31.8  |
| -67.5°  | 35.3  | 34.8   | 34.3  | 33.7   | 33.1  | 32.4   | 31.8  | 31.2   | 30.6 | 30.0   | 29.3  |
| -68.75° | 32.0  | 31.6   | 31.1  | 30.6   | 30.2  | 29.6   | 29.1  | 28.5   | 28.0 | 27.4   | 26.7  |
| -70°    | 29.1  | 28.7   | 28.3  | 27.8   | 27.4  | 26.9   | 26.4  | 25.9   | 25.5 | 25.2   | 24.8  |
| -71.25° | 26.2  | 25.9   | 25.6  | 25.3   | 25.1  | 24.7   | 24.4  | 24.1   | 23.8 | 23.4   | 23.0  |
| -72.5°  | 24.2  | 23.9   | 23.7  | 23.4   | 23.2  | 22.9   | 22.6  | 22.3   | 22.0 | 21.7   | 21.5  |
| -73.75° | 22.2  | 22.0   | 21.8  | 21.7   | 21.5  | 21.4   | 21.3  | 21.1   | 21.0 | 20.8   | 20.7  |
| -75°    | 21.0  | 20.9   | 20.8  | 20.7   | 20.6  | 20.5   | 20.3  | 20.2   | 20.1 | 19.9   | 19.8  |
| -76.25° | 20.0  | 20.0   | 19.9  | 19.8   | 19.6  | 19.5   | 19.3  | 19.1   | 18.9 | 18.7   | 18.5  |
| -77.5°  | 18.8  | 18.6   | 18.5  | 18.4   | 18.2  | 18.1   | 17.9  | 17.8   | 17.6 | 17.4   | 17.2  |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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° | 17.3 | 17.2   | 17.1  | 17.0   | 16.8 | 16.7   | 16.5  | 16.4   | 16.2 | 15.9   | 15.7  |
| -80°    | 15.6 | 15.5   | 15.3  | 15.2   | 15.0 | 14.9   | 14.7  | 14.6   | 14.4 | 14.2   | 14.0  |
| -81.25° | 13.7 | 13.6   | 13.5  | 13.3   | 13.2 | 13.1   | 12.9  | 12.8   | 12.6 | 12.5   | 12.3  |
| -82.5°  | 11.7 | 11.6   | 11.5  | 11.4   | 11.3 | 11.2   | 11.1  | 10.9   | 10.8 | 10.7   | 10.5  |
| -83.75° | 9.8  | 9.7    | 9.6   | 9.5    | 9.4  | 9.3    | 9.2   | 9.1    | 9.0  | 8.9    | 8.8   |
| -85°    | 7.7  | 7.6    | 7.5   | 7.4    | 7.3  | 7.2    | 7.1   | 7.0    | 6.9  | 6.8    | 6.7   |
| -86.25° | 5.2  | 5.2    | 5.1   | 5.0    | 5.0  | 4.9    | 4.8   | 4.7    | 4.7  | 4.6    | 4.5   |
| -87.5°  | 2.9  | 2.9    | 2.9   | 2.8    | 2.8  | 2.8    | 2.7   | 2.7    | 2.7  | 2.7    | 2.6   |
| -88.75° | 1.5  | 1.4    | 1.4   | 1.4    | 1.4  | 1.4    | 1.4   | 1.4    | 1.3  | 1.3    | 1.3   |
| -90°    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    |
| 88.75° | 1.3    | 1.3  | 1.2    | 1.2   | 1.2    | 1.2  | 1.2    | 1.1   | 1.1    | 1.1  | 1.1    |
| 87.5°  | 2.6    | 2.5  | 2.5    | 2.5   | 2.4    | 2.4  | 2.3    | 2.3   | 2.2    | 2.2  | 2.1    |
| 86.25° | 4.4    | 4.3  | 4.2    | 4.1   | 4.0    | 3.9  | 3.8    | 3.6   | 3.5    | 3.4  | 3.3    |
| 85°    | 6.5    | 6.4  | 6.3    | 6.1   | 6.0    | 5.9  | 5.7    | 5.6   | 5.4    | 5.2  | 5.1    |
| 83.75° | 8.6    | 8.5  | 8.4    | 8.2   | 8.0    | 7.9  | 7.7    | 7.5   | 7.3    | 7.1  | 6.9    |
| 82.5°  | 10.4   | 10.2 | 10.1   | 9.9   | 9.7    | 9.5  | 9.4    | 9.2   | 9.0    | 8.8  | 8.6    |
| 81.25° | 12.1   | 11.9 | 11.7   | 11.5  | 11.3   | 11.1 | 10.9   | 10.7  | 10.5   | 10.3 | 10.0   |
| 80°    | 13.8   | 13.6 | 13.4   | 13.2  | 13.0   | 12.7 | 12.5   | 12.3  | 12.0   | 11.7 | 11.5   |
| 78.75° | 15.5   | 15.3 | 15.0   | 14.8  | 14.6   | 14.3 | 14.0   | 13.8  | 13.5   | 13.2 | 12.9   |
| 77.5°  | 17.1   | 16.9 | 16.7   | 16.4  | 16.1   | 15.9 | 15.6   | 15.3  | 15.0   | 14.6 | 14.3   |
| 76.25° | 18.3   | 18.1 | 17.9   | 17.7  | 17.4   | 17.2 | 17.0   | 16.7  | 16.4   | 16.1 | 15.7   |
| 75°    | 19.6   | 19.4 | 19.1   | 18.9  | 18.6   | 18.4 | 18.1   | 17.8  | 17.6   | 17.3 | 17.0   |
| 73.75° | 20.5   | 20.3 | 20.2   | 20.0  | 19.8   | 19.5 | 19.3   | 19.0  | 18.7   | 18.4 | 18.0   |
| 72.5°  | 21.4   | 21.2 | 21.0   | 20.8  | 20.6   | 20.4 | 20.2   | 20.0  | 19.7   | 19.4 | 19.1   |
| 71.25° | 22.6   | 22.2 | 21.8   | 21.6  | 21.4   | 21.2 | 20.9   | 20.7  | 20.5   | 20.2 | 20.0   |
| 70°    | 24.4   | 23.9 | 23.5   | 23.1  | 22.6   | 22.1 | 21.7   | 21.5  | 21.2   | 21.0 | 20.7   |
| 68.75° | 26.1   | 25.6 | 25.2   | 24.7  | 24.2   | 23.7 | 23.2   | 22.6  | 22.1   | 21.7 | 21.4   |
| 67.5°  | 28.6   | 27.9 | 27.2   | 26.4  | 25.8   | 25.2 | 24.7   | 24.1  | 23.6   | 23.0 | 22.4   |
| 66.25° | 31.1   | 30.4 | 29.6   | 28.8  | 28.0   | 27.2 | 26.3   | 25.6  | 25.0   | 24.4 | 23.8   |
| 65°    | 33.9   | 32.9 | 32.0   | 31.2  | 30.3   | 29.4 | 28.5   | 27.6  | 26.7   | 25.8 | 25.1   |
| 63.75° | 36.8   | 35.8 | 34.8   | 33.8  | 32.7   | 31.7 | 30.8   | 29.8  | 28.8   | 27.8 | 26.8   |
| 62.5°  | 39.8   | 38.7 | 37.6   | 36.5  | 35.4   | 34.3 | 33.1   | 32.0  | 30.9   | 29.9 | 28.8   |
| 61.25° | 43.1   | 41.8 | 40.6   | 39.3  | 38.1   | 36.9 | 35.7   | 34.4  | 33.2   | 31.9 | 30.8   |
| 60°    | 46.4   | 45.1 | 43.7   | 42.4  | 41.0   | 39.6 | 38.3   | 37.0  | 35.6   | 34.3 | 32.9   |
| 58.75° | 49.6   | 48.3 | 46.9   | 45.5  | 44.0   | 42.5 | 41.0   | 39.5  | 38.1   | 36.6 | 35.2   |
| 57.5°  | 52.9   | 51.5 | 50.0   | 48.6  | 47.0   | 45.5 | 43.9   | 42.3  | 40.6   | 39.0 | 37.5   |
| 56.25° | 56.1   | 54.7 | 53.2   | 51.6  | 50.0   | 48.4 | 46.8   | 45.1  | 43.4   | 41.6 | 39.8   |
| 55°    | 58.1   | 57.2 | 56.2   | 54.7  | 53.0   | 51.3 | 49.6   | 47.9  | 46.1   | 44.2 | 42.4   |
| 53.75° | 60.2   | 59.2 | 58.1   | 57.1  | 56.0   | 54.2 | 52.4   | 50.6  | 48.8   | 46.9 | 44.9   |
| 52.5°  | 62.3   | 61.1 | 60.1   | 59.0  | 57.9   | 56.7 | 55.2   | 53.3  | 51.4   | 49.4 | 47.5   |
| 51.25° | 64.7   | 63.4 | 62.1   | 60.8  | 59.7   | 58.5 | 57.3   | 56.0  | 54.0   | 52.0 | 49.9   |
| 50°    | 67.0   | 65.7 | 64.3   | 62.9  | 61.5   | 60.3 | 59.0   | 57.7  | 56.4   | 54.6 | 52.4   |
| 48.75° | 68.1   | 67.7 | 66.6   | 65.1  | 63.6   | 62.1 | 60.7   | 59.4  | 58.1   | 56.7 | 54.9   |
| 47.5°  | 68.9   | 68.4 | 67.9   | 67.3  | 65.8   | 64.2 | 62.6   | 61.0  | 59.7   | 58.3 | 56.8   |
| 46.25° | 69.6   | 69.2 | 68.7   | 68.1  | 67.6   | 66.2 | 64.6   | 62.9  | 61.2   | 59.8 | 58.3   |
| 45°    | 69.6   | 69.6 | 69.4   | 68.9  | 68.3   | 67.8 | 66.5   | 64.8  | 63.1   | 61.3 | 59.8   |
| 43.75° | 69.6   | 69.6 | 69.6   | 69.6  | 69.0   | 68.4 | 67.8   | 66.7  | 64.9   | 63.1 | 61.2   |
| 42.5°  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.1 | 68.5   | 67.9  | 66.7   | 64.8 | 62.9   |
| 41.25° | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.1   | 68.5  | 67.8   | 66.5 | 64.6   |
| 40°    | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.1  | 68.4   | 67.8 | 66.2   |
| 38.75° | 70.0   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.0   | 68.3 | 67.6   |
| 37.5°  | 70.7   | 70.0 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 68.9 | 68.1   |
| 36.25° | 71.4   | 70.7 | 70.1   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.4 | 68.7   |
| 35°    | 72.2   | 71.4 | 70.7   | 70.0  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.2   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 73.2   | 72.2 | 71.4   | 70.7  | 70.0   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   |
| 32.5°   | 74.2   | 73.2 | 72.1   | 71.3  | 70.5   | 69.8 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   |
| 31.25°  | 75.2   | 74.1 | 73.0   | 72.0  | 71.1   | 70.4 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   |
| 30°     | 76.1   | 75.0 | 73.9   | 72.8  | 71.7   | 70.9 | 70.1   | 69.6  | 69.6   | 69.6 | 69.6   |
| 28.75°  | 77.0   | 75.9 | 74.8   | 73.6  | 72.5   | 71.4 | 70.6   | 69.8  | 69.6   | 69.6 | 69.6   |
| 27.5°   | 77.9   | 76.8 | 75.6   | 74.5  | 73.3   | 72.1 | 71.1   | 70.3  | 69.6   | 69.6 | 69.6   |
| 26.25°  | 78.8   | 77.6 | 76.4   | 75.2  | 74.0   | 72.8 | 71.6   | 70.8  | 69.9   | 69.6 | 69.6   |
| 25°     | 79.6   | 78.4 | 77.2   | 76.0  | 74.8   | 73.5 | 72.3   | 71.2  | 70.4   | 69.6 | 69.6   |
| 23.75°  | 80.5   | 79.2 | 78.0   | 76.7  | 75.5   | 74.2 | 72.9   | 71.7  | 70.8   | 69.9 | 69.6   |
| 22.5°   | 81.2   | 80.0 | 78.7   | 77.4  | 76.2   | 74.9 | 73.6   | 72.2  | 71.2   | 70.3 | 69.6   |
| 21.25°  | 82.0   | 80.7 | 79.4   | 78.1  | 76.8   | 75.5 | 74.2   | 72.8  | 71.5   | 70.6 | 69.7   |
| 20°     | 82.7   | 81.4 | 80.1   | 78.8  | 77.4   | 76.1 | 74.7   | 73.4  | 72.0   | 71.0 | 70.0   |
| 18.75°  | 83.4   | 82.1 | 80.7   | 79.4  | 78.0   | 76.7 | 75.3   | 73.9  | 72.5   | 71.3 | 70.4   |
| 17.5°   | 84.1   | 82.7 | 81.3   | 80.0  | 78.6   | 77.2 | 75.8   | 74.4  | 73.0   | 71.6 | 70.7   |
| 16.25°  | 85.3   | 83.3 | 81.9   | 80.5  | 79.1   | 77.7 | 76.3   | 74.9  | 73.4   | 72.0 | 70.9   |
| 15°     | 86.4   | 83.9 | 82.4   | 81.0  | 79.6   | 78.2 | 76.7   | 75.3  | 73.9   | 72.4 | 71.2   |
| 13.75°  | 87.5   | 84.7 | 82.9   | 81.5  | 80.1   | 78.6 | 77.2   | 75.7  | 74.3   | 72.8 | 71.4   |
| 12.5°   | 88.6   | 85.6 | 83.4   | 81.9  | 80.5   | 79.0 | 77.6   | 76.1  | 74.6   | 73.1 | 71.7   |
| 11.25°  | 89.5   | 86.5 | 83.8   | 82.3  | 80.9   | 79.4 | 77.9   | 76.4  | 74.9   | 73.4 | 72.0   |
| 10°     | 90.3   | 87.3 | 84.3   | 82.7  | 81.2   | 79.7 | 78.2   | 76.7  | 75.2   | 73.7 | 72.2   |
| 8.75°   | 92.3   | 88.0 | 85.0   | 83.0  | 81.5   | 80.0 | 78.5   | 77.0  | 75.5   | 74.0 | 72.5   |
| 7.5°    | 94.1   | 88.7 | 85.6   | 83.3  | 81.8   | 80.3 | 78.8   | 77.2  | 75.7   | 74.2 | 72.7   |
| 6.25°   | 95.6   | 89.2 | 86.1   | 83.6  | 82.0   | 80.5 | 79.0   | 77.4  | 75.9   | 74.4 | 72.8   |
| 5°      | 96.9   | 89.6 | 86.5   | 83.7  | 82.2   | 80.7 | 79.1   | 77.6  | 76.1   | 74.5 | 73.0   |
| 3.75°   | 97.9   | 90.0 | 86.8   | 83.9  | 82.4   | 80.8 | 79.3   | 77.7  | 76.2   | 74.6 | 73.1   |
| 2.5°    | 98.6   | 90.2 | 87.1   | 84.0  | 82.5   | 80.9 | 79.4   | 77.8  | 76.3   | 74.7 | 73.2   |
| 1.25°   | 99.1   | 90.4 | 87.2   | 84.1  | 82.5   | 81.0 | 79.4   | 77.9  | 76.3   | 74.8 | 73.2   |
| 0°      | 99.2   | 90.4 | 87.3   | 84.1  | 82.6   | 81.0 | 79.5   | 77.9  | 76.4   | 74.8 | 73.3   |
| -1.25°  | 99.1   | 90.4 | 87.2   | 84.1  | 82.5   | 81.0 | 79.4   | 77.9  | 76.3   | 74.8 | 73.2   |
| -2.5°   | 98.6   | 90.2 | 87.1   | 84.0  | 82.5   | 80.9 | 79.4   | 77.8  | 76.3   | 74.7 | 73.2   |
| -3.75°  | 97.9   | 90.0 | 86.8   | 83.9  | 82.4   | 80.8 | 79.3   | 77.7  | 76.2   | 74.6 | 73.1   |
| -5°     | 96.9   | 89.6 | 86.5   | 83.7  | 82.2   | 80.7 | 79.1   | 77.6  | 76.1   | 74.5 | 73.0   |
| -6.25°  | 95.6   | 89.2 | 86.1   | 83.6  | 82.0   | 80.5 | 79.0   | 77.4  | 75.9   | 74.4 | 72.8   |
| -7.5°   | 94.1   | 88.7 | 85.6   | 83.3  | 81.8   | 80.3 | 78.8   | 77.2  | 75.7   | 74.2 | 72.7   |
| -8.75°  | 92.3   | 88.0 | 85.0   | 83.0  | 81.5   | 80.0 | 78.5   | 77.0  | 75.5   | 74.0 | 72.5   |
| -10°    | 90.3   | 87.3 | 84.3   | 82.7  | 81.2   | 79.7 | 78.2   | 76.7  | 75.2   | 73.7 | 72.2   |
| -11.25° | 89.5   | 86.5 | 83.8   | 82.3  | 80.9   | 79.4 | 77.9   | 76.4  | 74.9   | 73.4 | 72.0   |
| -12.5°  | 88.6   | 85.6 | 83.4   | 81.9  | 80.5   | 79.0 | 77.6   | 76.1  | 74.6   | 73.1 | 71.7   |
| -13.75° | 87.5   | 84.7 | 82.9   | 81.5  | 80.1   | 78.6 | 77.2   | 75.7  | 74.3   | 72.8 | 71.4   |
| -15°    | 86.4   | 83.9 | 82.4   | 81.0  | 79.6   | 78.2 | 76.7   | 75.3  | 73.9   | 72.4 | 71.2   |
| -16.25° | 85.3   | 83.3 | 81.9   | 80.5  | 79.1   | 77.7 | 76.3   | 74.9  | 73.4   | 72.0 | 70.9   |
| -17.5°  | 84.1   | 82.7 | 81.3   | 80.0  | 78.6   | 77.2 | 75.8   | 74.4  | 73.0   | 71.6 | 70.7   |
| -18.75° | 83.4   | 82.1 | 80.7   | 79.4  | 78.0   | 76.7 | 75.3   | 73.9  | 72.5   | 71.3 | 70.4   |
| -20°    | 82.7   | 81.4 | 80.1   | 78.8  | 77.4   | 76.1 | 74.7   | 73.4  | 72.0   | 71.0 | 70.0   |
| -21.25° | 82.0   | 80.7 | 79.4   | 78.1  | 76.8   | 75.5 | 74.2   | 72.8  | 71.5   | 70.6 | 69.7   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 81.2   | 80.0 | 78.7   | 77.4  | 76.2   | 74.9 | 73.6   | 72.2  | 71.2   | 70.3 | 69.6   |
| -23.75° | 80.5   | 79.2 | 78.0   | 76.7  | 75.5   | 74.2 | 72.9   | 71.7  | 70.8   | 69.9 | 69.6   |
| -25°    | 79.6   | 78.4 | 77.2   | 76.0  | 74.8   | 73.5 | 72.3   | 71.2  | 70.4   | 69.6 | 69.6   |
| -26.25° | 78.8   | 77.6 | 76.4   | 75.2  | 74.0   | 72.8 | 71.6   | 70.8  | 69.9   | 69.6 | 69.6   |
| -27.5°  | 77.9   | 76.8 | 75.6   | 74.5  | 73.3   | 72.1 | 71.1   | 70.3  | 69.6   | 69.6 | 69.6   |
| -28.75° | 77.0   | 75.9 | 74.8   | 73.6  | 72.5   | 71.4 | 70.6   | 69.8  | 69.6   | 69.6 | 69.6   |
| -30°    | 76.1   | 75.0 | 73.9   | 72.8  | 71.7   | 70.9 | 70.1   | 69.6  | 69.6   | 69.6 | 69.6   |
| -31.25° | 75.2   | 74.1 | 73.0   | 72.0  | 71.1   | 70.4 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   |
| -32.5°  | 74.2   | 73.2 | 72.1   | 71.3  | 70.5   | 69.8 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   |
| -33.75° | 73.2   | 72.2 | 71.4   | 70.7  | 70.0   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   |
| -35°    | 72.2   | 71.4 | 70.7   | 70.0  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.2   |
| -36.25° | 71.4   | 70.7 | 70.1   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.4 | 68.7   |
| -37.5°  | 70.7   | 70.0 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 68.9 | 68.1   |
| -38.75° | 70.0   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 69.0   | 68.3 | 67.6   |
| -40°    | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.6   | 69.1  | 68.4   | 67.8 | 66.2   |
| -41.25° | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 69.1   | 68.5  | 67.8   | 66.5 | 64.6   |
| -42.5°  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.1 | 68.5   | 67.9  | 66.7   | 64.8 | 62.9   |
| -43.75° | 69.6   | 69.6 | 69.6   | 69.6  | 69.0   | 68.4 | 67.8   | 66.7  | 64.9   | 63.1 | 61.2   |
| -45°    | 69.6   | 69.6 | 69.4   | 68.9  | 68.3   | 67.8 | 66.5   | 64.8  | 63.1   | 61.3 | 59.8   |
| -46.25° | 69.6   | 69.2 | 68.7   | 68.1  | 67.6   | 66.2 | 64.6   | 62.9  | 61.2   | 59.8 | 58.3   |
| -47.5°  | 68.9   | 68.4 | 67.9   | 67.3  | 65.8   | 64.2 | 62.6   | 61.0  | 59.7   | 58.3 | 56.8   |
| -48.75° | 68.1   | 67.7 | 66.6   | 65.1  | 63.6   | 62.1 | 60.7   | 59.4  | 58.1   | 56.7 | 54.9   |
| -50°    | 67.0   | 65.7 | 64.3   | 62.9  | 61.5   | 60.3 | 59.0   | 57.7  | 56.4   | 54.6 | 52.4   |
| -51.25° | 64.7   | 63.4 | 62.1   | 60.8  | 59.7   | 58.5 | 57.3   | 56.0  | 54.0   | 52.0 | 49.9   |
| -52.5°  | 62.3   | 61.1 | 60.1   | 59.0  | 57.9   | 56.7 | 55.2   | 53.3  | 51.4   | 49.4 | 47.5   |
| -53.75° | 60.2   | 59.2 | 58.1   | 57.1  | 56.0   | 54.2 | 52.4   | 50.6  | 48.8   | 46.9 | 44.9   |
| -55°    | 58.1   | 57.2 | 56.2   | 54.7  | 53.0   | 51.3 | 49.6   | 47.9  | 46.1   | 44.2 | 42.4   |
| -56.25° | 56.1   | 54.7 | 53.2   | 51.6  | 50.0   | 48.4 | 46.8   | 45.1  | 43.4   | 41.6 | 39.8   |
| -57.5°  | 52.9   | 51.5 | 50.0   | 48.6  | 47.0   | 45.5 | 43.9   | 42.3  | 40.6   | 39.0 | 37.5   |
| -58.75° | 49.6   | 48.3 | 46.9   | 45.5  | 44.0   | 42.5 | 41.0   | 39.5  | 38.1   | 36.6 | 35.2   |
| -60°    | 46.4   | 45.1 | 43.7   | 42.4  | 41.0   | 39.6 | 38.3   | 37.0  | 35.6   | 34.3 | 32.9   |
| -61.25° | 43.1   | 41.8 | 40.6   | 39.3  | 38.1   | 36.9 | 35.7   | 34.4  | 33.2   | 31.9 | 30.8   |
| -62.5°  | 39.8   | 38.7 | 37.6   | 36.5  | 35.4   | 34.3 | 33.1   | 32.0  | 30.9   | 29.9 | 28.8   |
| -63.75° | 36.8   | 35.8 | 34.8   | 33.8  | 32.7   | 31.7 | 30.8   | 29.8  | 28.8   | 27.8 | 26.8   |
| -65°    | 33.9   | 32.9 | 32.0   | 31.2  | 30.3   | 29.4 | 28.5   | 27.6  | 26.7   | 25.8 | 25.1   |
| -66.25° | 31.1   | 30.4 | 29.6   | 28.8  | 28.0   | 27.2 | 26.3   | 25.6  | 25.0   | 24.4 | 23.8   |
| -67.5°  | 28.6   | 27.9 | 27.2   | 26.4  | 25.8   | 25.2 | 24.7   | 24.1  | 23.6   | 23.0 | 22.4   |
| -68.75° | 26.1   | 25.6 | 25.2   | 24.7  | 24.2   | 23.7 | 23.2   | 22.6  | 22.1   | 21.7 | 21.4   |
| -70°    | 24.4   | 23.9 | 23.5   | 23.1  | 22.6   | 22.1 | 21.7   | 21.5  | 21.2   | 21.0 | 20.7   |
| -71.25° | 22.6   | 22.2 | 21.8   | 21.6  | 21.4   | 21.2 | 20.9   | 20.7  | 20.5   | 20.2 | 20.0   |
| -72.5°  | 21.4   | 21.2 | 21.0   | 20.8  | 20.6   | 20.4 | 20.2   | 20.0  | 19.7   | 19.4 | 19.1   |
| -73.75° | 20.5   | 20.3 | 20.2   | 20.0  | 19.8   | 19.5 | 19.3   | 19.0  | 18.7   | 18.4 | 18.0   |
| -75°    | 19.6   | 19.4 | 19.1   | 18.9  | 18.6   | 18.4 | 18.1   | 17.8  | 17.6   | 17.3 | 17.0   |
| -76.25° | 18.3   | 18.1 | 17.9   | 17.7  | 17.4   | 17.2 | 17.0   | 16.7  | 16.4   | 16.1 | 15.7   |
| -77.5°  | 17.1   | 16.9 | 16.7   | 16.4  | 16.1   | 15.9 | 15.6   | 15.3  | 15.0   | 14.6 | 14.3   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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° | 15.5   | 15.3 | 15.0   | 14.8  | 14.6   | 14.3 | 14.0   | 13.8  | 13.5   | 13.2 | 12.9   |
| -80°    | 13.8   | 13.6 | 13.4   | 13.2  | 13.0   | 12.7 | 12.5   | 12.3  | 12.0   | 11.7 | 11.5   |
| -81.25° | 12.1   | 11.9 | 11.7   | 11.5  | 11.3   | 11.1 | 10.9   | 10.7  | 10.5   | 10.3 | 10.0   |
| -82.5°  | 10.4   | 10.2 | 10.1   | 9.9   | 9.7    | 9.5  | 9.4    | 9.2   | 9.0    | 8.8  | 8.6    |
| -83.75° | 8.6    | 8.5  | 8.4    | 8.2   | 8.0    | 7.9  | 7.7    | 7.5   | 7.3    | 7.1  | 6.9    |
| -85°    | 6.5    | 6.4  | 6.3    | 6.1   | 6.0    | 5.9  | 5.7    | 5.6   | 5.4    | 5.2  | 5.1    |
| -86.25° | 4.4    | 4.3  | 4.2    | 4.1   | 4.0    | 3.9  | 3.8    | 3.6   | 3.5    | 3.4  | 3.3    |
| -87.5°  | 2.6    | 2.5  | 2.5    | 2.5   | 2.4    | 2.4  | 2.3    | 2.3   | 2.2    | 2.2  | 2.1    |
| -88.75° | 1.3    | 1.3  | 1.2    | 1.2   | 1.2    | 1.2  | 1.2    | 1.1   | 1.1    | 1.1  | 1.1    |
| -90°    | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
| 88.75° | 1.0   | 1.0    | 1.0  | 1.0    | 0.9   | 0.9    | 0.9  | 0.9    | 0.8   | 0.8    | 0.8  |
| 87.5°  | 2.1   | 2.0    | 2.0  | 1.9    | 1.9   | 1.8    | 1.8  | 1.7    | 1.7   | 1.6    | 1.5  |
| 86.25° | 3.2   | 3.1    | 3.0  | 2.9    | 2.8   | 2.7    | 2.7  | 2.6    | 2.5   | 2.4    | 2.3  |
| 85°    | 4.9   | 4.8    | 4.6  | 4.4    | 4.2   | 4.0    | 3.9  | 3.7    | 3.5   | 3.3    | 3.1  |
| 83.75° | 6.7   | 6.5    | 6.2  | 6.0    | 5.8   | 5.6    | 5.3  | 5.1    | 4.9   | 4.6    | 4.4  |
| 82.5°  | 8.4   | 8.2    | 7.9  | 7.6    | 7.4   | 7.1    | 6.8  | 6.5    | 6.3   | 6.0    | 5.7  |
| 81.25° | 9.8   | 9.6    | 9.3  | 9.1    | 8.8   | 8.6    | 8.3  | 8.0    | 7.7   | 7.3    | 7.0  |
| 80°    | 11.2  | 10.9   | 10.7 | 10.4   | 10.1  | 9.8    | 9.5  | 9.2    | 8.9   | 8.6    | 8.3  |
| 78.75° | 12.6  | 12.3   | 12.0 | 11.7   | 11.4  | 11.0   | 10.7 | 10.4   | 10.0  | 9.7    | 9.3  |
| 77.5°  | 14.0  | 13.7   | 13.3 | 13.0   | 12.6  | 12.3   | 11.9 | 11.5   | 11.1  | 10.7   | 10.3 |
| 76.25° | 15.4  | 15.0   | 14.6 | 14.2   | 13.8  | 13.5   | 13.1 | 12.6   | 12.2  | 11.8   | 11.4 |
| 75°    | 16.7  | 16.3   | 15.9 | 15.5   | 15.1  | 14.6   | 14.2 | 13.8   | 13.3  | 12.9   | 12.4 |
| 73.75° | 17.7  | 17.4   | 17.0 | 16.7   | 16.3  | 15.8   | 15.3 | 14.9   | 14.4  | 13.9   | 13.4 |
| 72.5°  | 18.7  | 18.4   | 18.0 | 17.7   | 17.3  | 16.9   | 16.5 | 16.0   | 15.4  | 14.9   | 14.4 |
| 71.25° | 19.7  | 19.4   | 19.0 | 18.6   | 18.2  | 17.8   | 17.4 | 17.0   | 16.5  | 15.9   | 15.4 |
| 70°    | 20.4  | 20.1   | 19.9 | 19.5   | 19.1  | 18.7   | 18.2 | 17.8   | 17.3  | 16.9   | 16.3 |
| 68.75° | 21.1  | 20.8   | 20.5 | 20.2   | 19.9  | 19.5   | 19.1 | 18.6   | 18.1  | 17.6   | 17.1 |
| 67.5°  | 21.8  | 21.5   | 21.2 | 20.8   | 20.5  | 20.2   | 19.9 | 19.4   | 18.9  | 18.4   | 17.9 |
| 66.25° | 23.1  | 22.5   | 21.8 | 21.5   | 21.1  | 20.8   | 20.4 | 20.1   | 19.7  | 19.2   | 18.6 |
| 65°    | 24.5  | 23.8   | 23.1 | 22.4   | 21.7  | 21.4   | 21.0 | 20.6   | 20.2  | 19.8   | 19.3 |
| 63.75° | 25.8  | 25.1   | 24.3 | 23.6   | 22.8  | 22.1   | 21.5 | 21.1   | 20.7  | 20.3   | 19.9 |
| 62.5°  | 27.7  | 26.6   | 25.6 | 24.8   | 24.0  | 23.2   | 22.4 | 21.7   | 21.3  | 20.8   | 20.4 |
| 61.25° | 29.6  | 28.5   | 27.3 | 26.1   | 25.2  | 24.4   | 23.5 | 22.6   | 21.8  | 21.3   | 20.9 |
| 60°    | 31.6  | 30.3   | 29.1 | 27.8   | 26.5  | 25.5   | 24.6 | 23.7   | 22.8  | 21.9   | 21.4 |
| 58.75° | 33.7  | 32.2   | 30.9 | 29.6   | 28.3  | 26.9   | 25.7 | 24.7   | 23.8  | 22.8   | 21.9 |
| 57.5°  | 35.9  | 34.4   | 32.8 | 31.3   | 29.9  | 28.5   | 27.1 | 25.8   | 24.8  | 23.8   | 22.8 |
| 56.25° | 38.2  | 36.5   | 34.9 | 33.2   | 31.6  | 30.2   | 28.7 | 27.2   | 25.8  | 24.7   | 23.7 |
| 55°    | 40.5  | 38.7   | 37.0 | 35.2   | 33.5  | 31.8   | 30.2 | 28.7   | 27.1  | 25.7   | 24.6 |
| 53.75° | 43.0  | 41.0   | 39.0 | 37.2   | 35.4  | 33.6   | 31.8 | 30.2   | 28.5  | 26.9   | 25.5 |
| 52.5°  | 45.4  | 43.4   | 41.3 | 39.2   | 37.3  | 35.4   | 33.5 | 31.6   | 29.9  | 28.3   | 26.5 |
| 51.25° | 47.9  | 45.7   | 43.6 | 41.4   | 39.2  | 37.2   | 35.2 | 33.2   | 31.3  | 29.6   | 27.8 |
| 50°    | 50.3  | 48.1   | 45.8 | 43.6   | 41.3  | 39.0   | 37.0 | 34.9   | 32.8  | 30.9   | 29.1 |
| 48.75° | 52.6  | 50.4   | 48.1 | 45.7   | 43.4  | 41.0   | 38.7 | 36.5   | 34.4  | 32.2   | 30.3 |
| 47.5°  | 55.0  | 52.6   | 50.3 | 47.9   | 45.4  | 43.0   | 40.5 | 38.2   | 35.9  | 33.7   | 31.6 |
| 46.25° | 56.8  | 54.9   | 52.4 | 49.9   | 47.5  | 44.9   | 42.4 | 39.8   | 37.5  | 35.2   | 32.9 |
| 45°    | 58.3  | 56.7   | 54.6 | 52.0   | 49.4  | 46.9   | 44.2 | 41.6   | 39.0  | 36.6   | 34.3 |
| 43.75° | 59.7  | 58.1   | 56.4 | 54.0   | 51.4  | 48.8   | 46.1 | 43.4   | 40.6  | 38.1   | 35.6 |
| 42.5°  | 61.0  | 59.4   | 57.7 | 56.0   | 53.3  | 50.6   | 47.9 | 45.1   | 42.3  | 39.5   | 37.0 |
| 41.25° | 62.6  | 60.7   | 59.0 | 57.3   | 55.2  | 52.4   | 49.6 | 46.8   | 43.9  | 41.0   | 38.3 |
| 40°    | 64.2  | 62.1   | 60.3 | 58.5   | 56.7  | 54.2   | 51.3 | 48.4   | 45.5  | 42.5   | 39.6 |
| 38.75° | 65.8  | 63.6   | 61.5 | 59.7   | 57.9  | 56.0   | 53.0 | 50.0   | 47.0  | 44.0   | 41.0 |
| 37.5°  | 67.3  | 65.1   | 62.9 | 60.8   | 59.0  | 57.1   | 54.7 | 51.6   | 48.6  | 45.5   | 42.4 |
| 36.25° | 67.9  | 66.6   | 64.3 | 62.1   | 60.1  | 58.1   | 56.2 | 53.2   | 50.0  | 46.9   | 43.7 |
| 35°    | 68.4  | 67.7   | 65.7 | 63.4   | 61.1  | 59.2   | 57.2 | 54.7   | 51.5  | 48.3   | 45.1 |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 68.9  | 68.1   | 67.0 | 64.7   | 62.3  | 60.2   | 58.1 | 56.1   | 52.9  | 49.6   | 46.4 |
| 32.5°   | 69.4  | 68.6   | 67.8 | 65.9   | 63.5  | 61.1   | 59.1 | 57.0   | 54.3  | 50.9   | 47.6 |
| 31.25°  | 69.6  | 69.0   | 68.2 | 67.1   | 64.7  | 62.2   | 60.0 | 57.9   | 55.6  | 52.2   | 48.8 |
| 30°     | 69.6  | 69.4   | 68.6 | 67.8   | 65.8  | 63.3   | 60.9 | 58.7   | 56.6  | 53.4   | 50.0 |
| 28.75°  | 69.6  | 69.6   | 69.0 | 68.2   | 66.9  | 64.3   | 61.8 | 59.5   | 57.4  | 54.6   | 51.1 |
| 27.5°   | 69.6  | 69.6   | 69.4 | 68.5   | 67.7  | 65.4   | 62.7 | 60.3   | 58.1  | 55.8   | 52.2 |
| 26.25°  | 69.6  | 69.6   | 69.6 | 68.9   | 68.0  | 66.3   | 63.7 | 61.1   | 58.8  | 56.6   | 53.3 |
| 25°     | 69.6  | 69.6   | 69.6 | 69.2   | 68.3  | 67.3   | 64.6 | 61.9   | 59.5  | 57.2   | 54.3 |
| 23.75°  | 69.6  | 69.6   | 69.6 | 69.6   | 68.6  | 67.7   | 65.4 | 62.7   | 60.2  | 57.9   | 55.2 |
| 22.5°   | 69.6  | 69.6   | 69.6 | 69.6   | 68.9  | 68.0   | 66.3 | 63.5   | 60.8  | 58.5   | 56.1 |
| 21.25°  | 69.6  | 69.6   | 69.6 | 69.6   | 69.2  | 68.3   | 67.0 | 64.2   | 61.4  | 59.0   | 56.7 |
| 20°     | 69.6  | 69.6   | 69.6 | 69.6   | 69.5  | 68.6   | 67.6 | 64.9   | 62.1  | 59.6   | 57.2 |
| 18.75°  | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 68.8   | 67.8 | 65.6   | 62.7  | 60.1   | 57.7 |
| 17.5°   | 69.7  | 69.6   | 69.6 | 69.6   | 69.6  | 69.0   | 68.1 | 66.2   | 63.3  | 60.6   | 58.1 |
| 16.25°  | 70.0  | 69.6   | 69.6 | 69.6   | 69.6  | 69.3   | 68.3 | 66.8   | 63.9  | 61.0   | 58.6 |
| 15°     | 70.2  | 69.6   | 69.6 | 69.6   | 69.6  | 69.5   | 68.5 | 67.4   | 64.4  | 61.5   | 59.0 |
| 13.75°  | 70.5  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 68.6 | 67.6   | 64.9  | 61.9   | 59.3 |
| 12.5°   | 70.7  | 69.7   | 69.6 | 69.6   | 69.6  | 69.6   | 68.8 | 67.8   | 65.4  | 62.4   | 59.7 |
| 11.25°  | 70.9  | 69.8   | 69.6 | 69.6   | 69.6  | 69.6   | 69.0 | 67.9   | 65.8  | 62.7   | 60.0 |
| 10°     | 71.0  | 70.0   | 69.6 | 69.6   | 69.6  | 69.6   | 69.1 | 68.1   | 66.1  | 63.1   | 60.3 |
| 8.75°   | 71.2  | 70.2   | 69.6 | 69.6   | 69.6  | 69.6   | 69.2 | 68.2   | 66.4  | 63.4   | 60.5 |
| 7.5°    | 71.3  | 70.3   | 69.6 | 69.6   | 69.6  | 69.6   | 69.3 | 68.3   | 66.7  | 63.7   | 60.7 |
| 6.25°   | 71.4  | 70.4   | 69.6 | 69.6   | 69.6  | 69.6   | 69.4 | 68.4   | 67.0  | 63.9   | 60.9 |
| 5°      | 71.5  | 70.5   | 69.6 | 69.6   | 69.6  | 69.6   | 69.5 | 68.4   | 67.2  | 64.1   | 61.0 |
| 3.75°   | 71.6  | 70.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.5 | 68.5   | 67.3  | 64.2   | 61.2 |
| 2.5°    | 71.7  | 70.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 68.5   | 67.4  | 64.3   | 61.2 |
| 1.25°   | 71.7  | 70.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 68.5   | 67.5  | 64.4   | 61.3 |
| 0°      | 71.7  | 70.7   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 68.6   | 67.5  | 64.4   | 61.3 |
| -1.25°  | 71.7  | 70.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 68.5   | 67.5  | 64.4   | 61.3 |
| -2.5°   | 71.7  | 70.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.6 | 68.5   | 67.4  | 64.3   | 61.2 |
| -3.75°  | 71.6  | 70.6   | 69.6 | 69.6   | 69.6  | 69.6   | 69.5 | 68.5   | 67.3  | 64.2   | 61.2 |
| -5°     | 71.5  | 70.5   | 69.6 | 69.6   | 69.6  | 69.6   | 69.5 | 68.4   | 67.2  | 64.1   | 61.0 |
| -6.25°  | 71.4  | 70.4   | 69.6 | 69.6   | 69.6  | 69.6   | 69.4 | 68.4   | 67.0  | 63.9   | 60.9 |
| -7.5°   | 71.3  | 70.3   | 69.6 | 69.6   | 69.6  | 69.6   | 69.3 | 68.3   | 66.7  | 63.7   | 60.7 |
| -8.75°  | 71.2  | 70.2   | 69.6 | 69.6   | 69.6  | 69.6   | 69.2 | 68.2   | 66.4  | 63.4   | 60.5 |
| -10°    | 71.0  | 70.0   | 69.6 | 69.6   | 69.6  | 69.6   | 69.1 | 68.1   | 66.1  | 63.1   | 60.3 |
| -11.25° | 70.9  | 69.8   | 69.6 | 69.6   | 69.6  | 69.6   | 69.0 | 67.9   | 65.8  | 62.7   | 60.0 |
| -12.5°  | 70.7  | 69.7   | 69.6 | 69.6   | 69.6  | 69.6   | 68.8 | 67.8   | 65.4  | 62.4   | 59.7 |
| -13.75° | 70.5  | 69.6   | 69.6 | 69.6   | 69.6  | 69.6   | 68.6 | 67.6   | 64.9  | 61.9   | 59.3 |
| -15°    | 70.2  | 69.6   | 69.6 | 69.6   | 69.6  | 69.5   | 68.5 | 67.4   | 64.4  | 61.5   | 59.0 |
| -16.25° | 70.0  | 69.6   | 69.6 | 69.6   | 69.6  | 69.3   | 68.3 | 66.8   | 63.9  | 61.0   | 58.6 |
| -17.5°  | 69.7  | 69.6   | 69.6 | 69.6   | 69.6  | 69.0   | 68.1 | 66.2   | 63.3  | 60.6   | 58.1 |
| -18.75° | 69.6  | 69.6   | 69.6 | 69.6   | 69.6  | 68.8   | 67.8 | 65.6   | 62.7  | 60.1   | 57.7 |
| -20°    | 69.6  | 69.6   | 69.6 | 69.6   | 69.5  | 68.6   | 67.6 | 64.9   | 62.1  | 59.6   | 57.2 |
| -21.25° | 69.6  | 69.6   | 69.6 | 69.6   | 69.2  | 68.3   | 67.0 | 64.2   | 61.4  | 59.0   | 56.7 |





REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 69.6  | 69.6   | 69.6 | 69.6   | 68.9  | 68.0   | 66.3 | 63.5   | 60.8  | 58.5   | 56.1 |
| -23.75° | 69.6  | 69.6   | 69.6 | 69.6   | 68.6  | 67.7   | 65.4 | 62.7   | 60.2  | 57.9   | 55.2 |
| -25°    | 69.6  | 69.6   | 69.6 | 69.2   | 68.3  | 67.3   | 64.6 | 61.9   | 59.5  | 57.2   | 54.3 |
| -26.25° | 69.6  | 69.6   | 69.6 | 68.9   | 68.0  | 66.3   | 63.7 | 61.1   | 58.8  | 56.6   | 53.3 |
| -27.5°  | 69.6  | 69.6   | 69.4 | 68.5   | 67.7  | 65.4   | 62.7 | 60.3   | 58.1  | 55.8   | 52.2 |
| -28.75° | 69.6  | 69.6   | 69.0 | 68.2   | 66.9  | 64.3   | 61.8 | 59.5   | 57.4  | 54.6   | 51.1 |
| -30°    | 69.6  | 69.4   | 68.6 | 67.8   | 65.8  | 63.3   | 60.9 | 58.7   | 56.6  | 53.4   | 50.0 |
| -31.25° | 69.6  | 69.0   | 68.2 | 67.1   | 64.7  | 62.2   | 60.0 | 57.9   | 55.6  | 52.2   | 48.8 |
| -32.5°  | 69.4  | 68.6   | 67.8 | 65.9   | 63.5  | 61.1   | 59.1 | 57.0   | 54.3  | 50.9   | 47.6 |
| -33.75° | 68.9  | 68.1   | 67.0 | 64.7   | 62.3  | 60.2   | 58.1 | 56.1   | 52.9  | 49.6   | 46.4 |
| -35°    | 68.4  | 67.7   | 65.7 | 63.4   | 61.1  | 59.2   | 57.2 | 54.7   | 51.5  | 48.3   | 45.1 |
| -36.25° | 67.9  | 66.6   | 64.3 | 62.1   | 60.1  | 58.1   | 56.2 | 53.2   | 50.0  | 46.9   | 43.7 |
| -37.5°  | 67.3  | 65.1   | 62.9 | 60.8   | 59.0  | 57.1   | 54.7 | 51.6   | 48.6  | 45.5   | 42.4 |
| -38.75° | 65.8  | 63.6   | 61.5 | 59.7   | 57.9  | 56.0   | 53.0 | 50.0   | 47.0  | 44.0   | 41.0 |
| -40°    | 64.2  | 62.1   | 60.3 | 58.5   | 56.7  | 54.2   | 51.3 | 48.4   | 45.5  | 42.5   | 39.6 |
| -41.25° | 62.6  | 60.7   | 59.0 | 57.3   | 55.2  | 52.4   | 49.6 | 46.8   | 43.9  | 41.0   | 38.3 |
| -42.5°  | 61.0  | 59.4   | 57.7 | 56.0   | 53.3  | 50.6   | 47.9 | 45.1   | 42.3  | 39.5   | 37.0 |
| -43.75° | 59.7  | 58.1   | 56.4 | 54.0   | 51.4  | 48.8   | 46.1 | 43.4   | 40.6  | 38.1   | 35.6 |
| -45°    | 58.3  | 56.7   | 54.6 | 52.0   | 49.4  | 46.9   | 44.2 | 41.6   | 39.0  | 36.6   | 34.3 |
| -46.25° | 56.8  | 54.9   | 52.4 | 49.9   | 47.5  | 44.9   | 42.4 | 39.8   | 37.5  | 35.2   | 32.9 |
| -47.5°  | 55.0  | 52.6   | 50.3 | 47.9   | 45.4  | 43.0   | 40.5 | 38.2   | 35.9  | 33.7   | 31.6 |
| -48.75° | 52.6  | 50.4   | 48.1 | 45.7   | 43.4  | 41.0   | 38.7 | 36.5   | 34.4  | 32.2   | 30.3 |
| -50°    | 50.3  | 48.1   | 45.8 | 43.6   | 41.3  | 39.0   | 37.0 | 34.9   | 32.8  | 30.9   | 29.1 |
| -51.25° | 47.9  | 45.7   | 43.6 | 41.4   | 39.2  | 37.2   | 35.2 | 33.2   | 31.3  | 29.6   | 27.8 |
| -52.5°  | 45.4  | 43.4   | 41.3 | 39.2   | 37.3  | 35.4   | 33.5 | 31.6   | 29.9  | 28.3   | 26.5 |
| -53.75° | 43.0  | 41.0   | 39.0 | 37.2   | 35.4  | 33.6   | 31.8 | 30.2   | 28.5  | 26.9   | 25.5 |
| -55°    | 40.5  | 38.7   | 37.0 | 35.2   | 33.5  | 31.8   | 30.2 | 28.7   | 27.1  | 25.7   | 24.6 |
| -56.25° | 38.2  | 36.5   | 34.9 | 33.2   | 31.6  | 30.2   | 28.7 | 27.2   | 25.8  | 24.7   | 23.7 |
| -57.5°  | 35.9  | 34.4   | 32.8 | 31.3   | 29.9  | 28.5   | 27.1 | 25.8   | 24.8  | 23.8   | 22.8 |
| -58.75° | 33.7  | 32.2   | 30.9 | 29.6   | 28.3  | 26.9   | 25.7 | 24.7   | 23.8  | 22.8   | 21.9 |
| -60°    | 31.6  | 30.3   | 29.1 | 27.8   | 26.5  | 25.5   | 24.6 | 23.7   | 22.8  | 21.9   | 21.4 |
| -61.25° | 29.6  | 28.5   | 27.3 | 26.1   | 25.2  | 24.4   | 23.5 | 22.6   | 21.8  | 21.3   | 20.9 |
| -62.5°  | 27.7  | 26.6   | 25.6 | 24.8   | 24.0  | 23.2   | 22.4 | 21.7   | 21.3  | 20.8   | 20.4 |
| -63.75° | 25.8  | 25.1   | 24.3 | 23.6   | 22.8  | 22.1   | 21.5 | 21.1   | 20.7  | 20.3   | 19.9 |
| -65°    | 24.5  | 23.8   | 23.1 | 22.4   | 21.7  | 21.4   | 21.0 | 20.6   | 20.2  | 19.8   | 19.3 |
| -66.25° | 23.1  | 22.5   | 21.8 | 21.5   | 21.1  | 20.8   | 20.4 | 20.1   | 19.7  | 19.2   | 18.6 |
| -67.5°  | 21.8  | 21.5   | 21.2 | 20.8   | 20.5  | 20.2   | 19.9 | 19.4   | 18.9  | 18.4   | 17.9 |
| -68.75° | 21.1  | 20.8   | 20.5 | 20.2   | 19.9  | 19.5   | 19.1 | 18.6   | 18.1  | 17.6   | 17.1 |
| -70°    | 20.4  | 20.1   | 19.9 | 19.5   | 19.1  | 18.7   | 18.2 | 17.8   | 17.3  | 16.9   | 16.3 |
| -71.25° | 19.7  | 19.4   | 19.0 | 18.6   | 18.2  | 17.8   | 17.4 | 17.0   | 16.5  | 15.9   | 15.4 |
| -72.5°  | 18.7  | 18.4   | 18.0 | 17.7   | 17.3  | 16.9   | 16.5 | 16.0   | 15.4  | 14.9   | 14.4 |
| -73.75° | 17.7  | 17.4   | 17.0 | 16.7   | 16.3  | 15.8   | 15.3 | 14.9   | 14.4  | 13.9   | 13.4 |
| -75°    | 16.7  | 16.3   | 15.9 | 15.5   | 15.1  | 14.6   | 14.2 | 13.8   | 13.3  | 12.9   | 12.4 |
| -76.25° | 15.4  | 15.0   | 14.6 | 14.2   | 13.8  | 13.5   | 13.1 | 12.6   | 12.2  | 11.8   | 11.4 |
| -77.5°  | 14.0  | 13.7   | 13.3 | 13.0   | 12.6  | 12.3   | 11.9 | 11.5   | 11.1  | 10.7   | 10.3 |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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° | 12.6  | 12.3   | 12.0 | 11.7   | 11.4  | 11.0   | 10.7 | 10.4   | 10.0  | 9.7    | 9.3 |
| -80°    | 11.2  | 10.9   | 10.7 | 10.4   | 10.1  | 9.8    | 9.5  | 9.2    | 8.9   | 8.6    | 8.3 |
| -81.25° | 9.8   | 9.6    | 9.3  | 9.1    | 8.8   | 8.6    | 8.3  | 8.0    | 7.7   | 7.3    | 7.0 |
| -82.5°  | 8.4   | 8.2    | 7.9  | 7.6    | 7.4   | 7.1    | 6.8  | 6.5    | 6.3   | 6.0    | 5.7 |
| -83.75° | 6.7   | 6.5    | 6.2  | 6.0    | 5.8   | 5.6    | 5.3  | 5.1    | 4.9   | 4.6    | 4.4 |
| -85°    | 4.9   | 4.8    | 4.6  | 4.4    | 4.2   | 4.0    | 3.9  | 3.7    | 3.5   | 3.3    | 3.1 |
| -86.25° | 3.2   | 3.1    | 3.0  | 2.9    | 2.8   | 2.7    | 2.7  | 2.6    | 2.5   | 2.4    | 2.3 |
| -87.5°  | 2.1   | 2.0    | 2.0  | 1.9    | 1.9   | 1.8    | 1.8  | 1.7    | 1.7   | 1.6    | 1.5 |
| -88.75° | 1.0   | 1.0    | 1.0  | 1.0    | 0.9   | 0.9    | 0.9  | 0.9    | 0.8   | 0.8    | 0.8 |
| -90°    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0 |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    |
| 88.75° | 0.7    | 0.7   | 0.7    | 0.7  | 0.6    | 0.6   | 0.6    | 0.5  | 0.5    | 0.5   | 0.4    |
| 87.5°  | 1.5    | 1.4   | 1.4    | 1.3  | 1.2    | 1.2   | 1.1    | 1.1  | 1.0    | 0.9   | 0.9    |
| 86.25° | 2.2    | 2.1   | 2.1    | 2.0  | 1.9    | 1.8   | 1.7    | 1.6  | 1.5    | 1.4   | 1.3    |
| 85°    | 3.0    | 2.9   | 2.7    | 2.6  | 2.5    | 2.4   | 2.2    | 2.1  | 2.0    | 1.9   | 1.7    |
| 83.75° | 4.1    | 3.9   | 3.6    | 3.4  | 3.1    | 3.0   | 2.8    | 2.6  | 2.5    | 2.3   | 2.2    |
| 82.5°  | 5.4    | 5.1   | 4.8    | 4.5  | 4.2    | 3.9   | 3.5    | 3.2  | 3.0    | 2.8   | 2.6    |
| 81.25° | 6.6    | 6.3   | 5.9    | 5.6  | 5.2    | 4.8   | 4.5    | 4.1  | 3.7    | 3.4   | 3.0    |
| 80°    | 7.9    | 7.5   | 7.1    | 6.7  | 6.2    | 5.8   | 5.4    | 5.0  | 4.6    | 4.1   | 3.7    |
| 78.75° | 8.9    | 8.6   | 8.2    | 7.7  | 7.3    | 6.8   | 6.3    | 5.9  | 5.4    | 4.9   | 4.4    |
| 77.5°  | 9.9    | 9.5   | 9.1    | 8.7  | 8.3    | 7.8   | 7.3    | 6.7  | 6.2    | 5.7   | 5.1    |
| 76.25° | 10.9   | 10.5  | 10.0   | 9.6  | 9.1    | 8.7   | 8.2    | 7.6  | 7.0    | 6.4   | 5.8    |
| 75°    | 11.9   | 11.4  | 10.9   | 10.4 | 10.0   | 9.4   | 8.9    | 8.4  | 7.8    | 7.2   | 6.5    |
| 73.75° | 12.9   | 12.4  | 11.8   | 11.3 | 10.8   | 10.2  | 9.7    | 9.1  | 8.6    | 7.9   | 7.2    |
| 72.5°  | 13.8   | 13.3  | 12.7   | 12.2 | 11.6   | 11.0  | 10.4   | 9.8  | 9.2    | 8.6   | 7.9    |
| 71.25° | 14.8   | 14.2  | 13.6   | 13.0 | 12.4   | 11.8  | 11.1   | 10.5 | 9.9    | 9.2   | 8.6    |
| 70°    | 15.7   | 15.1  | 14.5   | 13.8 | 13.2   | 12.5  | 11.9   | 11.2 | 10.5   | 9.8   | 9.1    |
| 68.75° | 16.6   | 16.0  | 15.3   | 14.6 | 14.0   | 13.3  | 12.6   | 11.9 | 11.1   | 10.4  | 9.7    |
| 67.5°  | 17.4   | 16.8  | 16.2   | 15.5 | 14.7   | 14.0  | 13.3   | 12.5 | 11.8   | 11.0  | 10.2   |
| 66.25° | 18.1   | 17.5  | 16.9   | 16.3 | 15.5   | 14.7  | 14.0   | 13.2 | 12.4   | 11.6  | 10.8   |
| 65°    | 18.7   | 18.2  | 17.6   | 17.0 | 16.3   | 15.5  | 14.6   | 13.8 | 13.0   | 12.2  | 11.3   |
| 63.75° | 19.4   | 18.8  | 18.2   | 17.6 | 16.9   | 16.2  | 15.3   | 14.5 | 13.6   | 12.7  | 11.8   |
| 62.5°  | 20.0   | 19.5  | 18.8   | 18.2 | 17.5   | 16.8  | 16.0   | 15.1 | 14.2   | 13.3  | 12.4   |
| 61.25° | 20.4   | 20.0  | 19.4   | 18.7 | 18.1   | 17.4  | 16.6   | 15.7 | 14.8   | 13.8  | 12.9   |
| 60°    | 20.9   | 20.4  | 19.9   | 19.3 | 18.6   | 17.9  | 17.1   | 16.3 | 15.4   | 14.4  | 13.4   |
| 58.75° | 21.3   | 20.8  | 20.3   | 19.8 | 19.2   | 18.4  | 17.6   | 16.9 | 15.9   | 14.9  | 13.9   |
| 57.5°  | 21.8   | 21.3  | 20.7   | 20.2 | 19.7   | 18.9  | 18.1   | 17.3 | 16.5   | 15.4  | 14.4   |
| 56.25° | 22.6   | 21.7  | 21.1   | 20.6 | 20.1   | 19.4  | 18.6   | 17.8 | 17.0   | 16.0  | 14.9   |
| 55°    | 23.5   | 22.4  | 21.5   | 21.0 | 20.4   | 19.9  | 19.1   | 18.2 | 17.4   | 16.5  | 15.3   |
| 53.75° | 24.4   | 23.2  | 22.1   | 21.4 | 20.8   | 20.2  | 19.5   | 18.7 | 17.8   | 16.9  | 15.8   |
| 52.5°  | 25.2   | 24.0  | 22.8   | 21.7 | 21.1   | 20.5  | 19.9   | 19.1 | 18.2   | 17.3  | 16.3   |
| 51.25° | 26.1   | 24.8  | 23.6   | 22.4 | 21.5   | 20.8  | 20.2   | 19.5 | 18.6   | 17.7  | 16.7   |
| 50°    | 27.3   | 25.6  | 24.3   | 23.1 | 21.8   | 21.2  | 20.5   | 19.9 | 19.0   | 18.0  | 17.0   |
| 48.75° | 28.5   | 26.6  | 25.1   | 23.8 | 22.5   | 21.5  | 20.8   | 20.1 | 19.4   | 18.4  | 17.4   |
| 47.5°  | 29.6   | 27.7  | 25.8   | 24.5 | 23.1   | 21.8  | 21.1   | 20.4 | 19.7   | 18.7  | 17.7   |
| 46.25° | 30.8   | 28.8  | 26.8   | 25.1 | 23.8   | 22.4  | 21.4   | 20.7 | 20.0   | 19.1  | 18.0   |
| 45°    | 31.9   | 29.9  | 27.8   | 25.8 | 24.4   | 23.0  | 21.7   | 21.0 | 20.2   | 19.4  | 18.4   |
| 43.75° | 33.2   | 30.9  | 28.8   | 26.7 | 25.0   | 23.6  | 22.1   | 21.2 | 20.5   | 19.7  | 18.7   |
| 42.5°  | 34.4   | 32.0  | 29.8   | 27.6 | 25.6   | 24.1  | 22.6   | 21.5 | 20.7   | 20.0  | 19.0   |
| 41.25° | 35.7   | 33.1  | 30.8   | 28.5 | 26.3   | 24.7  | 23.2   | 21.7 | 20.9   | 20.2  | 19.3   |
| 40°    | 36.9   | 34.3  | 31.7   | 29.4 | 27.2   | 25.2  | 23.7   | 22.1 | 21.2   | 20.4  | 19.5   |
| 38.75° | 38.1   | 35.4  | 32.7   | 30.3 | 28.0   | 25.8  | 24.2   | 22.6 | 21.4   | 20.6  | 19.8   |
| 37.5°  | 39.3   | 36.5  | 33.8   | 31.2 | 28.8   | 26.4  | 24.7   | 23.1 | 21.6   | 20.8  | 20.0   |
| 36.25° | 40.6   | 37.6  | 34.8   | 32.0 | 29.6   | 27.2  | 25.2   | 23.5 | 21.8   | 21.0  | 20.2   |
| 35°    | 41.8   | 38.7  | 35.8   | 32.9 | 30.4   | 27.9  | 25.6   | 23.9 | 22.2   | 21.2  | 20.3   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 43.1   | 39.8  | 36.8   | 33.9 | 31.1   | 28.6  | 26.1   | 24.4 | 22.6   | 21.4  | 20.5   |
| 32.5°   | 44.3   | 40.9  | 37.8   | 34.8 | 31.8   | 29.3  | 26.7   | 24.8 | 23.0   | 21.5  | 20.7   |
| 31.25°  | 45.4   | 42.0  | 38.7   | 35.6 | 32.6   | 30.0  | 27.4   | 25.2 | 23.4   | 21.7  | 20.8   |
| 30°     | 46.5   | 43.1  | 39.6   | 36.5 | 33.4   | 30.6  | 28.0   | 25.5 | 23.8   | 22.0  | 21.0   |
| 28.75°  | 47.6   | 44.1  | 40.5   | 37.3 | 34.2   | 31.2  | 28.5   | 25.9 | 24.1   | 22.3  | 21.1   |
| 27.5°   | 48.6   | 45.1  | 41.5   | 38.1 | 34.9   | 31.8  | 29.1   | 26.4 | 24.4   | 22.6  | 21.3   |
| 26.25°  | 49.6   | 46.0  | 42.4   | 38.8 | 35.6   | 32.4  | 29.6   | 26.9 | 24.7   | 22.9  | 21.4   |
| 25°     | 50.6   | 46.9  | 43.3   | 39.6 | 36.3   | 33.1  | 30.2   | 27.4 | 25.1   | 23.2  | 21.5   |
| 23.75°  | 51.5   | 47.8  | 44.1   | 40.4 | 37.0   | 33.7  | 30.6   | 27.8 | 25.3   | 23.4  | 21.7   |
| 22.5°   | 52.4   | 48.6  | 44.9   | 41.1 | 37.6   | 34.3  | 31.1   | 28.3 | 25.6   | 23.7  | 21.8   |
| 21.25°  | 53.2   | 49.4  | 45.6   | 41.8 | 38.2   | 34.8  | 31.6   | 28.7 | 25.9   | 23.9  | 22.0   |
| 20°     | 54.0   | 50.2  | 46.3   | 42.5 | 38.7   | 35.3  | 32.0   | 29.1 | 26.2   | 24.2  | 22.2   |
| 18.75°  | 54.8   | 50.9  | 47.0   | 43.1 | 39.3   | 35.8  | 32.4   | 29.5 | 26.5   | 24.4  | 22.4   |
| 17.5°   | 55.5   | 51.5  | 47.6   | 43.7 | 39.8   | 36.3  | 32.8   | 29.8 | 26.9   | 24.6  | 22.6   |
| 16.25°  | 56.1   | 52.2  | 48.2   | 44.3 | 40.3   | 36.7  | 33.3   | 30.1 | 27.2   | 24.8  | 22.8   |
| 15°     | 56.5   | 52.7  | 48.8   | 44.8 | 40.8   | 37.1  | 33.6   | 30.4 | 27.5   | 25.0  | 22.9   |
| 13.75°  | 56.8   | 53.3  | 49.3   | 45.3 | 41.3   | 37.5  | 34.0   | 30.7 | 27.7   | 25.1  | 23.1   |
| 12.5°   | 57.2   | 53.8  | 49.7   | 45.7 | 41.7   | 37.9  | 34.3   | 31.0 | 28.0   | 25.3  | 23.2   |
| 11.25°  | 57.4   | 54.2  | 50.2   | 46.1 | 42.0   | 38.2  | 34.6   | 31.2 | 28.2   | 25.4  | 23.4   |
| 10°     | 57.7   | 54.6  | 50.5   | 46.5 | 42.4   | 38.4  | 34.9   | 31.4 | 28.4   | 25.5  | 23.5   |
| 8.75°   | 57.9   | 54.9  | 50.9   | 46.8 | 42.7   | 38.7  | 35.1   | 31.6 | 28.5   | 25.6  | 23.6   |
| 7.5°    | 58.1   | 55.3  | 51.1   | 47.0 | 42.9   | 38.9  | 35.3   | 31.8 | 28.7   | 25.7  | 23.7   |
| 6.25°   | 58.3   | 55.5  | 51.4   | 47.3 | 43.2   | 39.1  | 35.5   | 31.9 | 28.8   | 25.8  | 23.7   |
| 5°      | 58.5   | 55.7  | 51.6   | 47.5 | 43.3   | 39.2  | 35.6   | 32.0 | 28.9   | 25.9  | 23.8   |
| 3.75°   | 58.6   | 55.9  | 51.7   | 47.6 | 43.5   | 39.4  | 35.7   | 32.1 | 29.0   | 25.9  | 23.8   |
| 2.5°    | 58.6   | 56.0  | 51.9   | 47.7 | 43.6   | 39.4  | 35.8   | 32.2 | 29.1   | 26.0  | 23.9   |
| 1.25°   | 58.7   | 56.1  | 51.9   | 47.8 | 43.6   | 39.5  | 35.8   | 32.2 | 29.1   | 26.0  | 23.9   |
| 0°      | 58.7   | 56.1  | 52.0   | 47.8 | 43.7   | 39.5  | 35.9   | 32.2 | 29.1   | 26.0  | 23.9   |
| -1.25°  | 58.7   | 56.1  | 51.9   | 47.8 | 43.6   | 39.5  | 35.8   | 32.2 | 29.1   | 26.0  | 23.9   |
| -2.5°   | 58.6   | 56.0  | 51.9   | 47.7 | 43.6   | 39.4  | 35.8   | 32.2 | 29.1   | 26.0  | 23.9   |
| -3.75°  | 58.6   | 55.9  | 51.7   | 47.6 | 43.5   | 39.4  | 35.7   | 32.1 | 29.0   | 25.9  | 23.8   |
| -5°     | 58.5   | 55.7  | 51.6   | 47.5 | 43.3   | 39.2  | 35.6   | 32.0 | 28.9   | 25.9  | 23.8   |
| -6.25°  | 58.3   | 55.5  | 51.4   | 47.3 | 43.2   | 39.1  | 35.5   | 31.9 | 28.8   | 25.8  | 23.7   |
| -7.5°   | 58.1   | 55.3  | 51.1   | 47.0 | 42.9   | 38.9  | 35.3   | 31.8 | 28.7   | 25.7  | 23.7   |
| -8.75°  | 57.9   | 54.9  | 50.9   | 46.8 | 42.7   | 38.7  | 35.1   | 31.6 | 28.5   | 25.6  | 23.6   |
| -10°    | 57.7   | 54.6  | 50.5   | 46.5 | 42.4   | 38.4  | 34.9   | 31.4 | 28.4   | 25.5  | 23.5   |
| -11.25° | 57.4   | 54.2  | 50.2   | 46.1 | 42.0   | 38.2  | 34.6   | 31.2 | 28.2   | 25.4  | 23.4   |
| -12.5°  | 57.2   | 53.8  | 49.7   | 45.7 | 41.7   | 37.9  | 34.3   | 31.0 | 28.0   | 25.3  | 23.2   |
| -13.75° | 56.8   | 53.3  | 49.3   | 45.3 | 41.3   | 37.5  | 34.0   | 30.7 | 27.7   | 25.1  | 23.1   |
| -15°    | 56.5   | 52.7  | 48.8   | 44.8 | 40.8   | 37.1  | 33.6   | 30.4 | 27.5   | 25.0  | 22.9   |
| -16.25° | 56.1   | 52.2  | 48.2   | 44.3 | 40.3   | 36.7  | 33.3   | 30.1 | 27.2   | 24.8  | 22.8   |
| -17.5°  | 55.5   | 51.5  | 47.6   | 43.7 | 39.8   | 36.3  | 32.8   | 29.8 | 26.9   | 24.6  | 22.6   |
| -18.75° | 54.8   | 50.9  | 47.0   | 43.1 | 39.3   | 35.8  | 32.4   | 29.5 | 26.5   | 24.4  | 22.4   |
| -20°    | 54.0   | 50.2  | 46.3   | 42.5 | 38.7   | 35.3  | 32.0   | 29.1 | 26.2   | 24.2  | 22.2   |
| -21.25° | 53.2   | 49.4  | 45.6   | 41.8 | 38.2   | 34.8  | 31.6   | 28.7 | 25.9   | 23.9  | 22.0   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 52.4   | 48.6  | 44.9   | 41.1 | 37.6   | 34.3  | 31.1   | 28.3 | 25.6   | 23.7  | 21.8   |
| -23.75° | 51.5   | 47.8  | 44.1   | 40.4 | 37.0   | 33.7  | 30.6   | 27.8 | 25.3   | 23.4  | 21.7   |
| -25°    | 50.6   | 46.9  | 43.3   | 39.6 | 36.3   | 33.1  | 30.2   | 27.4 | 25.1   | 23.2  | 21.5   |
| -26.25° | 49.6   | 46.0  | 42.4   | 38.8 | 35.6   | 32.4  | 29.6   | 26.9 | 24.7   | 22.9  | 21.4   |
| -27.5°  | 48.6   | 45.1  | 41.5   | 38.1 | 34.9   | 31.8  | 29.1   | 26.4 | 24.4   | 22.6  | 21.3   |
| -28.75° | 47.6   | 44.1  | 40.5   | 37.3 | 34.2   | 31.2  | 28.5   | 25.9 | 24.1   | 22.3  | 21.1   |
| -30°    | 46.5   | 43.1  | 39.6   | 36.5 | 33.4   | 30.6  | 28.0   | 25.5 | 23.8   | 22.0  | 21.0   |
| -31.25° | 45.4   | 42.0  | 38.7   | 35.6 | 32.6   | 30.0  | 27.4   | 25.2 | 23.4   | 21.7  | 20.8   |
| -32.5°  | 44.3   | 40.9  | 37.8   | 34.8 | 31.8   | 29.3  | 26.7   | 24.8 | 23.0   | 21.5  | 20.7   |
| -33.75° | 43.1   | 39.8  | 36.8   | 33.9 | 31.1   | 28.6  | 26.1   | 24.4 | 22.6   | 21.4  | 20.5   |
| -35°    | 41.8   | 38.7  | 35.8   | 32.9 | 30.4   | 27.9  | 25.6   | 23.9 | 22.2   | 21.2  | 20.3   |
| -36.25° | 40.6   | 37.6  | 34.8   | 32.0 | 29.6   | 27.2  | 25.2   | 23.5 | 21.8   | 21.0  | 20.2   |
| -37.5°  | 39.3   | 36.5  | 33.8   | 31.2 | 28.8   | 26.4  | 24.7   | 23.1 | 21.6   | 20.8  | 20.0   |
| -38.75° | 38.1   | 35.4  | 32.7   | 30.3 | 28.0   | 25.8  | 24.2   | 22.6 | 21.4   | 20.6  | 19.8   |
| -40°    | 36.9   | 34.3  | 31.7   | 29.4 | 27.2   | 25.2  | 23.7   | 22.1 | 21.2   | 20.4  | 19.5   |
| -41.25° | 35.7   | 33.1  | 30.8   | 28.5 | 26.3   | 24.7  | 23.2   | 21.7 | 20.9   | 20.2  | 19.3   |
| -42.5°  | 34.4   | 32.0  | 29.8   | 27.6 | 25.6   | 24.1  | 22.6   | 21.5 | 20.7   | 20.0  | 19.0   |
| -43.75° | 33.2   | 30.9  | 28.8   | 26.7 | 25.0   | 23.6  | 22.1   | 21.2 | 20.5   | 19.7  | 18.7   |
| -45°    | 31.9   | 29.9  | 27.8   | 25.8 | 24.4   | 23.0  | 21.7   | 21.0 | 20.2   | 19.4  | 18.4   |
| -46.25° | 30.8   | 28.8  | 26.8   | 25.1 | 23.8   | 22.4  | 21.4   | 20.7 | 20.0   | 19.1  | 18.0   |
| -47.5°  | 29.6   | 27.7  | 25.8   | 24.5 | 23.1   | 21.8  | 21.1   | 20.4 | 19.7   | 18.7  | 17.7   |
| -48.75° | 28.5   | 26.6  | 25.1   | 23.8 | 22.5   | 21.5  | 20.8   | 20.1 | 19.4   | 18.4  | 17.4   |
| -50°    | 27.3   | 25.6  | 24.3   | 23.1 | 21.8   | 21.2  | 20.5   | 19.9 | 19.0   | 18.0  | 17.0   |
| -51.25° | 26.1   | 24.8  | 23.6   | 22.4 | 21.5   | 20.8  | 20.2   | 19.5 | 18.6   | 17.7  | 16.7   |
| -52.5°  | 25.2   | 24.0  | 22.8   | 21.7 | 21.1   | 20.5  | 19.9   | 19.1 | 18.2   | 17.3  | 16.3   |
| -53.75° | 24.4   | 23.2  | 22.1   | 21.4 | 20.8   | 20.2  | 19.5   | 18.7 | 17.8   | 16.9  | 15.8   |
| -55°    | 23.5   | 22.4  | 21.5   | 21.0 | 20.4   | 19.9  | 19.1   | 18.2 | 17.4   | 16.5  | 15.3   |
| -56.25° | 22.6   | 21.7  | 21.1   | 20.6 | 20.1   | 19.4  | 18.6   | 17.8 | 17.0   | 16.0  | 14.9   |
| -57.5°  | 21.8   | 21.3  | 20.7   | 20.2 | 19.7   | 18.9  | 18.1   | 17.3 | 16.5   | 15.4  | 14.4   |
| -58.75° | 21.3   | 20.8  | 20.3   | 19.8 | 19.2   | 18.4  | 17.6   | 16.9 | 15.9   | 14.9  | 13.9   |
| -60°    | 20.9   | 20.4  | 19.9   | 19.3 | 18.6   | 17.9  | 17.1   | 16.3 | 15.4   | 14.4  | 13.4   |
| -61.25° | 20.4   | 20.0  | 19.4   | 18.7 | 18.1   | 17.4  | 16.6   | 15.7 | 14.8   | 13.8  | 12.9   |
| -62.5°  | 20.0   | 19.5  | 18.8   | 18.2 | 17.5   | 16.8  | 16.0   | 15.1 | 14.2   | 13.3  | 12.4   |
| -63.75° | 19.4   | 18.8  | 18.2   | 17.6 | 16.9   | 16.2  | 15.3   | 14.5 | 13.6   | 12.7  | 11.8   |
| -65°    | 18.7   | 18.2  | 17.6   | 17.0 | 16.3   | 15.5  | 14.6   | 13.8 | 13.0   | 12.2  | 11.3   |
| -66.25° | 18.1   | 17.5  | 16.9   | 16.3 | 15.5   | 14.7  | 14.0   | 13.2 | 12.4   | 11.6  | 10.8   |
| -67.5°  | 17.4   | 16.8  | 16.2   | 15.5 | 14.7   | 14.0  | 13.3   | 12.5 | 11.8   | 11.0  | 10.2   |
| -68.75° | 16.6   | 16.0  | 15.3   | 14.6 | 14.0   | 13.3  | 12.6   | 11.9 | 11.1   | 10.4  | 9.7    |
| -70°    | 15.7   | 15.1  | 14.5   | 13.8 | 13.2   | 12.5  | 11.9   | 11.2 | 10.5   | 9.8   | 9.1    |
| -71.25° | 14.8   | 14.2  | 13.6   | 13.0 | 12.4   | 11.8  | 11.1   | 10.5 | 9.9    | 9.2   | 8.6    |
| -72.5°  | 13.8   | 13.3  | 12.7   | 12.2 | 11.6   | 11.0  | 10.4   | 9.8  | 9.2    | 8.6   | 7.9    |
| -73.75° | 12.9   | 12.4  | 11.8   | 11.3 | 10.8   | 10.2  | 9.7    | 9.1  | 8.6    | 7.9   | 7.2    |
| -75°    | 11.9   | 11.4  | 10.9   | 10.4 | 10.0   | 9.4   | 8.9    | 8.4  | 7.8    | 7.2   | 6.5    |
| -76.25° | 10.9   | 10.5  | 10.0   | 9.6  | 9.1    | 8.7   | 8.2    | 7.6  | 7.0    | 6.4   | 5.8    |
| -77.5°  | 9.9    | 9.5   | 9.1    | 8.7  | 8.3    | 7.8   | 7.3    | 6.7  | 6.2    | 5.7   | 5.1    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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° | 8.9    | 8.6   | 8.2    | 7.7 | 7.3    | 6.8   | 6.3    | 5.9 | 5.4    | 4.9   | 4.4    |
| -80°    | 7.9    | 7.5   | 7.1    | 6.7 | 6.2    | 5.8   | 5.4    | 5.0 | 4.6    | 4.1   | 3.7    |
| -81.25° | 6.6    | 6.3   | 5.9    | 5.6 | 5.2    | 4.8   | 4.5    | 4.1 | 3.7    | 3.4   | 3.0    |
| -82.5°  | 5.4    | 5.1   | 4.8    | 4.5 | 4.2    | 3.9   | 3.5    | 3.2 | 3.0    | 2.8   | 2.6    |
| -83.75° | 4.1    | 3.9   | 3.6    | 3.4 | 3.1    | 3.0   | 2.8    | 2.6 | 2.5    | 2.3   | 2.2    |
| -85°    | 3.0    | 2.9   | 2.7    | 2.6 | 2.5    | 2.4   | 2.2    | 2.1 | 2.0    | 1.9   | 1.7    |
| -86.25° | 2.2    | 2.1   | 2.1    | 2.0 | 1.9    | 1.8   | 1.7    | 1.6 | 1.5    | 1.4   | 1.3    |
| -87.5°  | 1.5    | 1.4   | 1.4    | 1.3 | 1.2    | 1.2   | 1.1    | 1.1 | 1.0    | 0.9   | 0.9    |
| -88.75° | 0.7    | 0.7   | 0.7    | 0.7 | 0.6    | 0.6   | 0.6    | 0.5 | 0.5    | 0.5   | 0.4    |
| -90°    | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   | 0.0    |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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  | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   |
| 88.75° | 0.4  | 0.4    | 0.3   | 0.3    | 0.3  | 0.2    | 0.2   | 0.2    | 0.1 | 0.1    | 0.1   |
| 87.5°  | 0.8  | 0.7    | 0.7   | 0.6    | 0.5  | 0.5    | 0.4   | 0.3    | 0.3 | 0.2    | 0.1   |
| 86.25° | 1.2  | 1.1    | 1.0   | 0.9    | 0.8  | 0.7    | 0.6   | 0.5    | 0.4 | 0.3    | 0.2   |
| 85°    | 1.6  | 1.5    | 1.3   | 1.2    | 1.1  | 0.9    | 0.8   | 0.7    | 0.5 | 0.4    | 0.3   |
| 83.75° | 2.0  | 1.8    | 1.7   | 1.5    | 1.3  | 1.2    | 1.0   | 0.8    | 0.7 | 0.5    | 0.3   |
| 82.5°  | 2.4  | 2.2    | 2.0   | 1.8    | 1.6  | 1.4    | 1.2   | 1.0    | 0.8 | 0.6    | 0.4   |
| 81.25° | 2.8  | 2.6    | 2.3   | 2.1    | 1.9  | 1.6    | 1.4   | 1.2    | 0.9 | 0.7    | 0.5   |
| 80°    | 3.3  | 2.9    | 2.7   | 2.4    | 2.1  | 1.9    | 1.6   | 1.3    | 1.1 | 0.8    | 0.5   |
| 78.75° | 3.9  | 3.4    | 3.0   | 2.7    | 2.4  | 2.1    | 1.8   | 1.5    | 1.2 | 0.9    | 0.6   |
| 77.5°  | 4.6  | 4.0    | 3.5   | 3.0    | 2.7  | 2.3    | 2.0   | 1.7    | 1.3 | 1.0    | 0.7   |
| 76.25° | 5.2  | 4.6    | 4.0   | 3.4    | 2.9  | 2.6    | 2.2   | 1.8    | 1.5 | 1.1    | 0.7   |
| 75°    | 5.9  | 5.2    | 4.6   | 3.9    | 3.3  | 2.8    | 2.4   | 2.0    | 1.6 | 1.2    | 0.8   |
| 73.75° | 6.5  | 5.8    | 5.1   | 4.4    | 3.7  | 3.0    | 2.6   | 2.2    | 1.7 | 1.3    | 0.9   |
| 72.5°  | 7.2  | 6.4    | 5.7   | 4.9    | 4.1  | 3.4    | 2.8   | 2.3    | 1.9 | 1.4    | 0.9   |
| 71.25° | 7.8  | 7.0    | 6.2   | 5.4    | 4.6  | 3.7    | 3.0   | 2.5    | 2.0 | 1.5    | 1.0   |
| 70°    | 8.4  | 7.6    | 6.7   | 5.9    | 5.0  | 4.1    | 3.2   | 2.6    | 2.1 | 1.6    | 1.1   |
| 68.75° | 8.9  | 8.2    | 7.3   | 6.3    | 5.4  | 4.5    | 3.5   | 2.8    | 2.2 | 1.7    | 1.1   |
| 67.5°  | 9.4  | 8.7    | 7.8   | 6.8    | 5.8  | 4.8    | 3.9   | 3.0    | 2.4 | 1.8    | 1.2   |
| 66.25° | 10.0 | 9.1    | 8.3   | 7.3    | 6.2  | 5.2    | 4.2   | 3.1    | 2.5 | 1.9    | 1.2   |
| 65°    | 10.4 | 9.6    | 8.7   | 7.7    | 6.7  | 5.6    | 4.5   | 3.4    | 2.6 | 2.0    | 1.3   |
| 63.75° | 10.9 | 10.0   | 9.1   | 8.2    | 7.1  | 5.9    | 4.8   | 3.6    | 2.7 | 2.1    | 1.4   |
| 62.5°  | 11.4 | 10.5   | 9.5   | 8.6    | 7.5  | 6.3    | 5.1   | 3.9    | 2.9 | 2.1    | 1.4   |
| 61.25° | 11.9 | 10.9   | 9.9   | 8.9    | 7.9  | 6.6    | 5.4   | 4.1    | 3.0 | 2.2    | 1.5   |
| 60°    | 12.4 | 11.4   | 10.3  | 9.3    | 8.3  | 7.0    | 5.7   | 4.4    | 3.1 | 2.3    | 1.5   |
| 58.75° | 12.9 | 11.8   | 10.7  | 9.7    | 8.6  | 7.3    | 6.0   | 4.6    | 3.3 | 2.4    | 1.6   |
| 57.5°  | 13.3 | 12.2   | 11.1  | 10.0   | 8.9  | 7.7    | 6.3   | 4.9    | 3.5 | 2.5    | 1.7   |
| 56.25° | 13.8 | 12.6   | 11.5  | 10.4   | 9.2  | 8.0    | 6.5   | 5.1    | 3.7 | 2.6    | 1.7   |
| 55°    | 14.2 | 13.1   | 11.9  | 10.7   | 9.5  | 8.3    | 6.8   | 5.3    | 3.9 | 2.7    | 1.8   |
| 53.75° | 14.6 | 13.5   | 12.3  | 11.0   | 9.8  | 8.6    | 7.1   | 5.6    | 4.0 | 2.7    | 1.8   |
| 52.5°  | 15.1 | 13.8   | 12.6  | 11.4   | 10.1 | 8.8    | 7.4   | 5.8    | 4.2 | 2.8    | 1.9   |
| 51.25° | 15.5 | 14.2   | 13.0  | 11.7   | 10.4 | 9.1    | 7.6   | 6.0    | 4.4 | 2.9    | 1.9   |
| 50°    | 15.9 | 14.6   | 13.3  | 12.0   | 10.7 | 9.3    | 7.9   | 6.2    | 4.6 | 3.0    | 2.0   |
| 48.75° | 16.3 | 15.0   | 13.7  | 12.3   | 10.9 | 9.6    | 8.2   | 6.5    | 4.8 | 3.1    | 2.0   |
| 47.5°  | 16.7 | 15.4   | 14.0  | 12.6   | 11.2 | 9.8    | 8.4   | 6.7    | 4.9 | 3.2    | 2.1   |
| 46.25° | 17.0 | 15.7   | 14.3  | 12.9   | 11.5 | 10.0   | 8.6   | 6.9    | 5.1 | 3.3    | 2.1   |
| 45°    | 17.3 | 16.1   | 14.6  | 13.2   | 11.7 | 10.3   | 8.8   | 7.1    | 5.2 | 3.4    | 2.2   |
| 43.75° | 17.6 | 16.4   | 15.0  | 13.5   | 12.0 | 10.5   | 9.0   | 7.3    | 5.4 | 3.5    | 2.2   |
| 42.5°  | 17.8 | 16.7   | 15.3  | 13.8   | 12.3 | 10.7   | 9.2   | 7.5    | 5.6 | 3.6    | 2.3   |
| 41.25° | 18.1 | 17.0   | 15.6  | 14.0   | 12.5 | 10.9   | 9.4   | 7.7    | 5.7 | 3.8    | 2.3   |
| 40°    | 18.4 | 17.2   | 15.9  | 14.3   | 12.7 | 11.1   | 9.5   | 7.9    | 5.9 | 3.9    | 2.4   |
| 38.75° | 18.6 | 17.4   | 16.1  | 14.6   | 13.0 | 11.3   | 9.7   | 8.0    | 6.0 | 4.0    | 2.4   |
| 37.5°  | 18.9 | 17.7   | 16.4  | 14.8   | 13.2 | 11.5   | 9.9   | 8.2    | 6.1 | 4.1    | 2.5   |
| 36.25° | 19.1 | 17.9   | 16.7  | 15.0   | 13.4 | 11.7   | 10.1  | 8.4    | 6.3 | 4.2    | 2.5   |
| 35°    | 19.4 | 18.1   | 16.9  | 15.3   | 13.6 | 11.9   | 10.2  | 8.5    | 6.4 | 4.3    | 2.5   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 19.6 | 18.3   | 17.1  | 15.5   | 13.8 | 12.1   | 10.4  | 8.6    | 6.5 | 4.4    | 2.6   |
| 32.5°   | 19.8 | 18.5   | 17.2  | 15.7   | 14.0 | 12.3   | 10.5  | 8.8    | 6.7 | 4.5    | 2.6   |
| 31.25°  | 19.9 | 18.7   | 17.4  | 15.9   | 14.2 | 12.5   | 10.7  | 8.9    | 6.8 | 4.6    | 2.7   |
| 30°     | 20.1 | 18.9   | 17.6  | 16.2   | 14.4 | 12.6   | 10.8  | 9.0    | 6.9 | 4.7    | 2.7   |
| 28.75°  | 20.2 | 19.1   | 17.8  | 16.4   | 14.6 | 12.8   | 10.9  | 9.1    | 7.0 | 4.7    | 2.7   |
| 27.5°   | 20.3 | 19.3   | 17.9  | 16.5   | 14.7 | 12.9   | 11.1  | 9.2    | 7.1 | 4.8    | 2.7   |
| 26.25°  | 20.5 | 19.5   | 18.1  | 16.7   | 14.9 | 13.1   | 11.2  | 9.3    | 7.2 | 4.9    | 2.8   |
| 25°     | 20.6 | 19.6   | 18.2  | 16.8   | 15.0 | 13.2   | 11.3  | 9.4    | 7.3 | 5.0    | 2.8   |
| 23.75°  | 20.7 | 19.8   | 18.4  | 17.0   | 15.2 | 13.3   | 11.4  | 9.5    | 7.4 | 5.0    | 2.8   |
| 22.5°   | 20.8 | 19.9   | 18.5  | 17.1   | 15.3 | 13.5   | 11.5  | 9.6    | 7.5 | 5.1    | 2.9   |
| 21.25°  | 20.9 | 20.0   | 18.6  | 17.2   | 15.5 | 13.6   | 11.6  | 9.7    | 7.6 | 5.2    | 2.9   |
| 20°     | 21.0 | 20.0   | 18.8  | 17.3   | 15.6 | 13.7   | 11.7  | 9.8    | 7.7 | 5.2    | 2.9   |
| 18.75°  | 21.1 | 20.1   | 18.9  | 17.4   | 15.7 | 13.8   | 11.8  | 9.8    | 7.7 | 5.3    | 2.9   |
| 17.5°   | 21.2 | 20.2   | 19.0  | 17.5   | 15.8 | 13.9   | 11.9  | 9.9    | 7.8 | 5.3    | 3.0   |
| 16.25°  | 21.3 | 20.3   | 19.1  | 17.6   | 15.9 | 14.0   | 12.0  | 10.0   | 7.9 | 5.4    | 3.0   |
| 15°     | 21.4 | 20.3   | 19.2  | 17.7   | 16.0 | 14.1   | 12.1  | 10.0   | 7.9 | 5.4    | 3.0   |
| 13.75°  | 21.4 | 20.4   | 19.2  | 17.7   | 16.1 | 14.1   | 12.1  | 10.1   | 8.0 | 5.5    | 3.0   |
| 12.5°   | 21.5 | 20.5   | 19.3  | 17.8   | 16.2 | 14.2   | 12.2  | 10.2   | 8.1 | 5.5    | 3.0   |
| 11.25°  | 21.6 | 20.5   | 19.4  | 17.9   | 16.3 | 14.3   | 12.3  | 10.2   | 8.1 | 5.5    | 3.0   |
| 10°     | 21.6 | 20.6   | 19.5  | 17.9   | 16.3 | 14.3   | 12.3  | 10.2   | 8.1 | 5.6    | 3.1   |
| 8.75°   | 21.6 | 20.6   | 19.5  | 18.0   | 16.4 | 14.4   | 12.4  | 10.3   | 8.2 | 5.6    | 3.1   |
| 7.5°    | 21.7 | 20.6   | 19.6  | 18.0   | 16.5 | 14.4   | 12.4  | 10.3   | 8.2 | 5.6    | 3.1   |
| 6.25°   | 21.7 | 20.7   | 19.6  | 18.1   | 16.5 | 14.5   | 12.4  | 10.3   | 8.2 | 5.7    | 3.1   |
| 5°      | 21.8 | 20.7   | 19.6  | 18.1   | 16.5 | 14.5   | 12.5  | 10.4   | 8.3 | 5.7    | 3.1   |
| 3.75°   | 21.8 | 20.7   | 19.7  | 18.1   | 16.6 | 14.5   | 12.5  | 10.4   | 8.3 | 5.7    | 3.1   |
| 2.5°    | 21.8 | 20.7   | 19.7  | 18.1   | 16.6 | 14.5   | 12.5  | 10.4   | 8.3 | 5.7    | 3.1   |
| 1.25°   | 21.8 | 20.7   | 19.7  | 18.1   | 16.6 | 14.5   | 12.5  | 10.4   | 8.3 | 5.7    | 3.1   |
| 0°      | 21.8 | 20.8   | 19.7  | 18.2   | 16.6 | 14.6   | 12.5  | 10.4   | 8.3 | 5.7    | 3.1   |
| -1.25°  | 21.8 | 20.7   | 19.7  | 18.1   | 16.6 | 14.5   | 12.5  | 10.4   | 8.3 | 5.7    | 3.1   |
| -2.5°   | 21.8 | 20.7   | 19.7  | 18.1   | 16.6 | 14.5   | 12.5  | 10.4   | 8.3 | 5.7    | 3.1   |
| -3.75°  | 21.8 | 20.7   | 19.7  | 18.1   | 16.6 | 14.5   | 12.5  | 10.4   | 8.3 | 5.7    | 3.1   |
| -5°     | 21.8 | 20.7   | 19.6  | 18.1   | 16.5 | 14.5   | 12.5  | 10.4   | 8.3 | 5.7    | 3.1   |
| -6.25°  | 21.7 | 20.7   | 19.6  | 18.1   | 16.5 | 14.5   | 12.4  | 10.3   | 8.2 | 5.7    | 3.1   |
| -7.5°   | 21.7 | 20.6   | 19.6  | 18.0   | 16.5 | 14.4   | 12.4  | 10.3   | 8.2 | 5.6    | 3.1   |
| -8.75°  | 21.6 | 20.6   | 19.5  | 18.0   | 16.4 | 14.4   | 12.4  | 10.3   | 8.2 | 5.6    | 3.1   |
| -10°    | 21.6 | 20.6   | 19.5  | 17.9   | 16.3 | 14.3   | 12.3  | 10.2   | 8.1 | 5.6    | 3.1   |
| -11.25° | 21.6 | 20.5   | 19.4  | 17.9   | 16.3 | 14.3   | 12.3  | 10.2   | 8.1 | 5.5    | 3.0   |
| -12.5°  | 21.5 | 20.5   | 19.3  | 17.8   | 16.2 | 14.2   | 12.2  | 10.2   | 8.1 | 5.5    | 3.0   |
| -13.75° | 21.4 | 20.4   | 19.2  | 17.7   | 16.1 | 14.1   | 12.1  | 10.1   | 8.0 | 5.5    | 3.0   |
| -15°    | 21.4 | 20.3   | 19.2  | 17.7   | 16.0 | 14.1   | 12.1  | 10.0   | 7.9 | 5.4    | 3.0   |
| -16.25° | 21.3 | 20.3   | 19.1  | 17.6   | 15.9 | 14.0   | 12.0  | 10.0   | 7.9 | 5.4    | 3.0   |
| -17.5°  | 21.2 | 20.2   | 19.0  | 17.5   | 15.8 | 13.9   | 11.9  | 9.9    | 7.8 | 5.3    | 3.0   |
| -18.75° | 21.1 | 20.1   | 18.9  | 17.4   | 15.7 | 13.8   | 11.8  | 9.8    | 7.7 | 5.3    | 2.9   |
| -20°    | 21.0 | 20.0   | 18.8  | 17.3   | 15.6 | 13.7   | 11.7  | 9.8    | 7.7 | 5.2    | 2.9   |
| -21.25° | 20.9 | 20.0   | 18.6  | 17.2   | 15.5 | 13.6   | 11.6  | 9.7    | 7.6 | 5.2    | 2.9   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-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°  | 20.8 | 19.9   | 18.5  | 17.1   | 15.3 | 13.5   | 11.5  | 9.6    | 7.5 | 5.1    | 2.9   |
| -23.75° | 20.7 | 19.8   | 18.4  | 17.0   | 15.2 | 13.3   | 11.4  | 9.5    | 7.4 | 5.0    | 2.8   |
| -25°    | 20.6 | 19.6   | 18.2  | 16.8   | 15.0 | 13.2   | 11.3  | 9.4    | 7.3 | 5.0    | 2.8   |
| -26.25° | 20.5 | 19.5   | 18.1  | 16.7   | 14.9 | 13.1   | 11.2  | 9.3    | 7.2 | 4.9    | 2.8   |
| -27.5°  | 20.3 | 19.3   | 17.9  | 16.5   | 14.7 | 12.9   | 11.1  | 9.2    | 7.1 | 4.8    | 2.7   |
| -28.75° | 20.2 | 19.1   | 17.8  | 16.4   | 14.6 | 12.8   | 10.9  | 9.1    | 7.0 | 4.7    | 2.7   |
| -30°    | 20.1 | 18.9   | 17.6  | 16.2   | 14.4 | 12.6   | 10.8  | 9.0    | 6.9 | 4.7    | 2.7   |
| -31.25° | 19.9 | 18.7   | 17.4  | 15.9   | 14.2 | 12.5   | 10.7  | 8.9    | 6.8 | 4.6    | 2.7   |
| -32.5°  | 19.8 | 18.5   | 17.2  | 15.7   | 14.0 | 12.3   | 10.5  | 8.8    | 6.7 | 4.5    | 2.6   |
| -33.75° | 19.6 | 18.3   | 17.1  | 15.5   | 13.8 | 12.1   | 10.4  | 8.6    | 6.5 | 4.4    | 2.6   |
| -35°    | 19.4 | 18.1   | 16.9  | 15.3   | 13.6 | 11.9   | 10.2  | 8.5    | 6.4 | 4.3    | 2.5   |
| -36.25° | 19.1 | 17.9   | 16.7  | 15.0   | 13.4 | 11.7   | 10.1  | 8.4    | 6.3 | 4.2    | 2.5   |
| -37.5°  | 18.9 | 17.7   | 16.4  | 14.8   | 13.2 | 11.5   | 9.9   | 8.2    | 6.1 | 4.1    | 2.5   |
| -38.75° | 18.6 | 17.4   | 16.1  | 14.6   | 13.0 | 11.3   | 9.7   | 8.0    | 6.0 | 4.0    | 2.4   |
| -40°    | 18.4 | 17.2   | 15.9  | 14.3   | 12.7 | 11.1   | 9.5   | 7.9    | 5.9 | 3.9    | 2.4   |
| -41.25° | 18.1 | 17.0   | 15.6  | 14.0   | 12.5 | 10.9   | 9.4   | 7.7    | 5.7 | 3.8    | 2.3   |
| -42.5°  | 17.8 | 16.7   | 15.3  | 13.8   | 12.3 | 10.7   | 9.2   | 7.5    | 5.6 | 3.6    | 2.3   |
| -43.75° | 17.6 | 16.4   | 15.0  | 13.5   | 12.0 | 10.5   | 9.0   | 7.3    | 5.4 | 3.5    | 2.2   |
| -45°    | 17.3 | 16.1   | 14.6  | 13.2   | 11.7 | 10.3   | 8.8   | 7.1    | 5.2 | 3.4    | 2.2   |
| -46.25° | 17.0 | 15.7   | 14.3  | 12.9   | 11.5 | 10.0   | 8.6   | 6.9    | 5.1 | 3.3    | 2.1   |
| -47.5°  | 16.7 | 15.4   | 14.0  | 12.6   | 11.2 | 9.8    | 8.4   | 6.7    | 4.9 | 3.2    | 2.1   |
| -48.75° | 16.3 | 15.0   | 13.7  | 12.3   | 10.9 | 9.6    | 8.2   | 6.5    | 4.8 | 3.1    | 2.0   |
| -50°    | 15.9 | 14.6   | 13.3  | 12.0   | 10.7 | 9.3    | 7.9   | 6.2    | 4.6 | 3.0    | 2.0   |
| -51.25° | 15.5 | 14.2   | 13.0  | 11.7   | 10.4 | 9.1    | 7.6   | 6.0    | 4.4 | 2.9    | 1.9   |
| -52.5°  | 15.1 | 13.8   | 12.6  | 11.4   | 10.1 | 8.8    | 7.4   | 5.8    | 4.2 | 2.8    | 1.9   |
| -53.75° | 14.6 | 13.5   | 12.3  | 11.0   | 9.8  | 8.6    | 7.1   | 5.6    | 4.0 | 2.7    | 1.8   |
| -55°    | 14.2 | 13.1   | 11.9  | 10.7   | 9.5  | 8.3    | 6.8   | 5.3    | 3.9 | 2.7    | 1.8   |
| -56.25° | 13.8 | 12.6   | 11.5  | 10.4   | 9.2  | 8.0    | 6.5   | 5.1    | 3.7 | 2.6    | 1.7   |
| -57.5°  | 13.3 | 12.2   | 11.1  | 10.0   | 8.9  | 7.7    | 6.3   | 4.9    | 3.5 | 2.5    | 1.7   |
| -58.75° | 12.9 | 11.8   | 10.7  | 9.7    | 8.6  | 7.3    | 6.0   | 4.6    | 3.3 | 2.4    | 1.6   |
| -60°    | 12.4 | 11.4   | 10.3  | 9.3    | 8.3  | 7.0    | 5.7   | 4.4    | 3.1 | 2.3    | 1.5   |
| -61.25° | 11.9 | 10.9   | 9.9   | 8.9    | 7.9  | 6.6    | 5.4   | 4.1    | 3.0 | 2.2    | 1.5   |
| -62.5°  | 11.4 | 10.5   | 9.5   | 8.6    | 7.5  | 6.3    | 5.1   | 3.9    | 2.9 | 2.1    | 1.4   |
| -63.75° | 10.9 | 10.0   | 9.1   | 8.2    | 7.1  | 5.9    | 4.8   | 3.6    | 2.7 | 2.1    | 1.4   |
| -65°    | 10.4 | 9.6    | 8.7   | 7.7    | 6.7  | 5.6    | 4.5   | 3.4    | 2.6 | 2.0    | 1.3   |
| -66.25° | 10.0 | 9.1    | 8.3   | 7.3    | 6.2  | 5.2    | 4.2   | 3.1    | 2.5 | 1.9    | 1.2   |
| -67.5°  | 9.4  | 8.7    | 7.8   | 6.8    | 5.8  | 4.8    | 3.9   | 3.0    | 2.4 | 1.8    | 1.2   |
| -68.75° | 8.9  | 8.2    | 7.3   | 6.3    | 5.4  | 4.5    | 3.5   | 2.8    | 2.2 | 1.7    | 1.1   |
| -70°    | 8.4  | 7.6    | 6.7   | 5.9    | 5.0  | 4.1    | 3.2   | 2.6    | 2.1 | 1.6    | 1.1   |
| -71.25° | 7.8  | 7.0    | 6.2   | 5.4    | 4.6  | 3.7    | 3.0   | 2.5    | 2.0 | 1.5    | 1.0   |
| -72.5°  | 7.2  | 6.4    | 5.7   | 4.9    | 4.1  | 3.4    | 2.8   | 2.3    | 1.9 | 1.4    | 0.9   |
| -73.75° | 6.5  | 5.8    | 5.1   | 4.4    | 3.7  | 3.0    | 2.6   | 2.2    | 1.7 | 1.3    | 0.9   |
| -75°    | 5.9  | 5.2    | 4.6   | 3.9    | 3.3  | 2.8    | 2.4   | 2.0    | 1.6 | 1.2    | 0.8   |
| -76.25° | 5.2  | 4.6    | 4.0   | 3.4    | 2.9  | 2.6    | 2.2   | 1.8    | 1.5 | 1.1    | 0.7   |
| -77.5°  | 4.6  | 4.0    | 3.5   | 3.0    | 2.7  | 2.3    | 2.0   | 1.7    | 1.3 | 1.0    | 0.7   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -78.75° | 3.9 | 3.4    | 3.0   | 2.7    | 2.4 | 2.1    | 1.8   | 1.5    | 1.2 | 0.9    | 0.6   |
| -80°    | 3.3 | 2.9    | 2.7   | 2.4    | 2.1 | 1.9    | 1.6   | 1.3    | 1.1 | 0.8    | 0.5   |
| -81.25° | 2.8 | 2.6    | 2.3   | 2.1    | 1.9 | 1.6    | 1.4   | 1.2    | 0.9 | 0.7    | 0.5   |
| -82.5°  | 2.4 | 2.2    | 2.0   | 1.8    | 1.6 | 1.4    | 1.2   | 1.0    | 0.8 | 0.6    | 0.4   |
| -83.75° | 2.0 | 1.8    | 1.7   | 1.5    | 1.3 | 1.2    | 1.0   | 0.8    | 0.7 | 0.5    | 0.3   |
| -85°    | 1.6 | 1.5    | 1.3   | 1.2    | 1.1 | 0.9    | 0.8   | 0.7    | 0.5 | 0.4    | 0.3   |
| -86.25° | 1.2 | 1.1    | 1.0   | 0.9    | 0.8 | 0.7    | 0.6   | 0.5    | 0.4 | 0.3    | 0.2   |
| -87.5°  | 0.8 | 0.7    | 0.7   | 0.6    | 0.5 | 0.5    | 0.4   | 0.3    | 0.3 | 0.2    | 0.1   |
| -88.75° | 0.4 | 0.4    | 0.3   | 0.3    | 0.3 | 0.2    | 0.2   | 0.2    | 0.1 | 0.1    | 0.1   |
| -90°    | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   |



REPORT NUMBER: P220445 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED5080-S-WT-L2-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 88.75° | 90° |
|--------|--------|-----|
| 90°    | 0.0    | 0.0 |
| 88.75° | 0.0    | 0.0 |
| 87.5°  | 0.1    | 0.0 |
| 86.25° | 0.1    | 0.0 |
| 85°    | 0.1    | 0.0 |
| 83.75° | 0.2    | 0.0 |
| 82.5°  | 0.2    | 0.0 |
| 81.25° | 0.2    | 0.0 |
| 80°    | 0.3    | 0.0 |
| 78.75° | 0.3    | 0.0 |
| 77.5°  | 0.3    | 0.0 |
| 76.25° | 0.4    | 0.0 |
| 75°    | 0.4    | 0.0 |
| 73.75° | 0.4    | 0.0 |
| 72.5°  | 0.5    | 0.0 |
| 71.25° | 0.5    | 0.0 |
| 70°    | 0.5    | 0.0 |
| 68.75° | 0.6    | 0.0 |
| 67.5°  | 0.6    | 0.0 |
| 66.25° | 0.6    | 0.0 |
| 65°    | 0.7    | 0.0 |
| 63.75° | 0.7    | 0.0 |
| 62.5°  | 0.7    | 0.0 |
| 61.25° | 0.7    | 0.0 |
| 60°    | 0.8    | 0.0 |
| 58.75° | 0.8    | 0.0 |
| 57.5°  | 0.8    | 0.0 |
| 56.25° | 0.9    | 0.0 |
| 55°    | 0.9    | 0.0 |
| 53.75° | 0.9    | 0.0 |
| 52.5°  | 0.9    | 0.0 |
| 51.25° | 1.0    | 0.0 |
| 50°    | 1.0    | 0.0 |
| 48.75° | 1.0    | 0.0 |
| 47.5°  | 1.0    | 0.0 |
| 46.25° | 1.1    | 0.0 |
| 45°    | 1.1    | 0.0 |
| 43.75° | 1.1    | 0.0 |
| 42.5°  | 1.1    | 0.0 |
| 41.25° | 1.2    | 0.0 |
| 40°    | 1.2    | 0.0 |
| 38.75° | 1.2    | 0.0 |
| 37.5°  | 1.2    | 0.0 |
| 36.25° | 1.2    | 0.0 |
| 35°    | 1.3    | 0.0 |



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**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| 33.75°  | 1.3    | 0.0 |
| 32.5°   | 1.3    | 0.0 |
| 31.25°  | 1.3    | 0.0 |
| 30°     | 1.3    | 0.0 |
| 28.75°  | 1.4    | 0.0 |
| 27.5°   | 1.4    | 0.0 |
| 26.25°  | 1.4    | 0.0 |
| 25°     | 1.4    | 0.0 |
| 23.75°  | 1.4    | 0.0 |
| 22.5°   | 1.4    | 0.0 |
| 21.25°  | 1.4    | 0.0 |
| 20°     | 1.5    | 0.0 |
| 18.75°  | 1.5    | 0.0 |
| 17.5°   | 1.5    | 0.0 |
| 16.25°  | 1.5    | 0.0 |
| 15°     | 1.5    | 0.0 |
| 13.75°  | 1.5    | 0.0 |
| 12.5°   | 1.5    | 0.0 |
| 11.25°  | 1.5    | 0.0 |
| 10°     | 1.5    | 0.0 |
| 8.75°   | 1.5    | 0.0 |
| 7.5°    | 1.5    | 0.0 |
| 6.25°   | 1.5    | 0.0 |
| 5°      | 1.5    | 0.0 |
| 3.75°   | 1.5    | 0.0 |
| 2.5°    | 1.5    | 0.0 |
| 1.25°   | 1.5    | 0.0 |
| 0°      | 1.5    | 0.0 |
| -1.25°  | 1.5    | 0.0 |
| -2.5°   | 1.5    | 0.0 |
| -3.75°  | 1.5    | 0.0 |
| -5°     | 1.5    | 0.0 |
| -6.25°  | 1.5    | 0.0 |
| -7.5°   | 1.5    | 0.0 |
| -8.75°  | 1.5    | 0.0 |
| -10°    | 1.5    | 0.0 |
| -11.25° | 1.5    | 0.0 |
| -12.5°  | 1.5    | 0.0 |
| -13.75° | 1.5    | 0.0 |
| -15°    | 1.5    | 0.0 |
| -16.25° | 1.5    | 0.0 |
| -17.5°  | 1.5    | 0.0 |
| -18.75° | 1.5    | 0.0 |
| -20°    | 1.5    | 0.0 |
| -21.25° | 1.4    | 0.0 |



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**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| -22.5°  | 1.4    | 0.0 |
| -23.75° | 1.4    | 0.0 |
| -25°    | 1.4    | 0.0 |
| -26.25° | 1.4    | 0.0 |
| -27.5°  | 1.4    | 0.0 |
| -28.75° | 1.4    | 0.0 |
| -30°    | 1.3    | 0.0 |
| -31.25° | 1.3    | 0.0 |
| -32.5°  | 1.3    | 0.0 |
| -33.75° | 1.3    | 0.0 |
| -35°    | 1.3    | 0.0 |
| -36.25° | 1.2    | 0.0 |
| -37.5°  | 1.2    | 0.0 |
| -38.75° | 1.2    | 0.0 |
| -40°    | 1.2    | 0.0 |
| -41.25° | 1.2    | 0.0 |
| -42.5°  | 1.1    | 0.0 |
| -43.75° | 1.1    | 0.0 |
| -45°    | 1.1    | 0.0 |
| -46.25° | 1.1    | 0.0 |
| -47.5°  | 1.0    | 0.0 |
| -48.75° | 1.0    | 0.0 |
| -50°    | 1.0    | 0.0 |
| -51.25° | 1.0    | 0.0 |
| -52.5°  | 0.9    | 0.0 |
| -53.75° | 0.9    | 0.0 |
| -55°    | 0.9    | 0.0 |
| -56.25° | 0.9    | 0.0 |
| -57.5°  | 0.8    | 0.0 |
| -58.75° | 0.8    | 0.0 |
| -60°    | 0.8    | 0.0 |
| -61.25° | 0.7    | 0.0 |
| -62.5°  | 0.7    | 0.0 |
| -63.75° | 0.7    | 0.0 |
| -65°    | 0.7    | 0.0 |
| -66.25° | 0.6    | 0.0 |
| -67.5°  | 0.6    | 0.0 |
| -68.75° | 0.6    | 0.0 |
| -70°    | 0.5    | 0.0 |
| -71.25° | 0.5    | 0.0 |
| -72.5°  | 0.5    | 0.0 |
| -73.75° | 0.4    | 0.0 |
| -75°    | 0.4    | 0.0 |
| -76.25° | 0.4    | 0.0 |
| -77.5°  | 0.3    | 0.0 |



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**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| -78.75° | 0.3    | 0.0 |
| -80°    | 0.3    | 0.0 |
| -81.25° | 0.2    | 0.0 |
| -82.5°  | 0.2    | 0.0 |
| -83.75° | 0.2    | 0.0 |
| -85°    | 0.1    | 0.0 |
| -86.25° | 0.1    | 0.0 |
| -87.5°  | 0.1    | 0.0 |
| -88.75° | 0.0    | 0.0 |
| -90°    | 0.0    | 0.0 |

(END OF REPORT)