

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: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

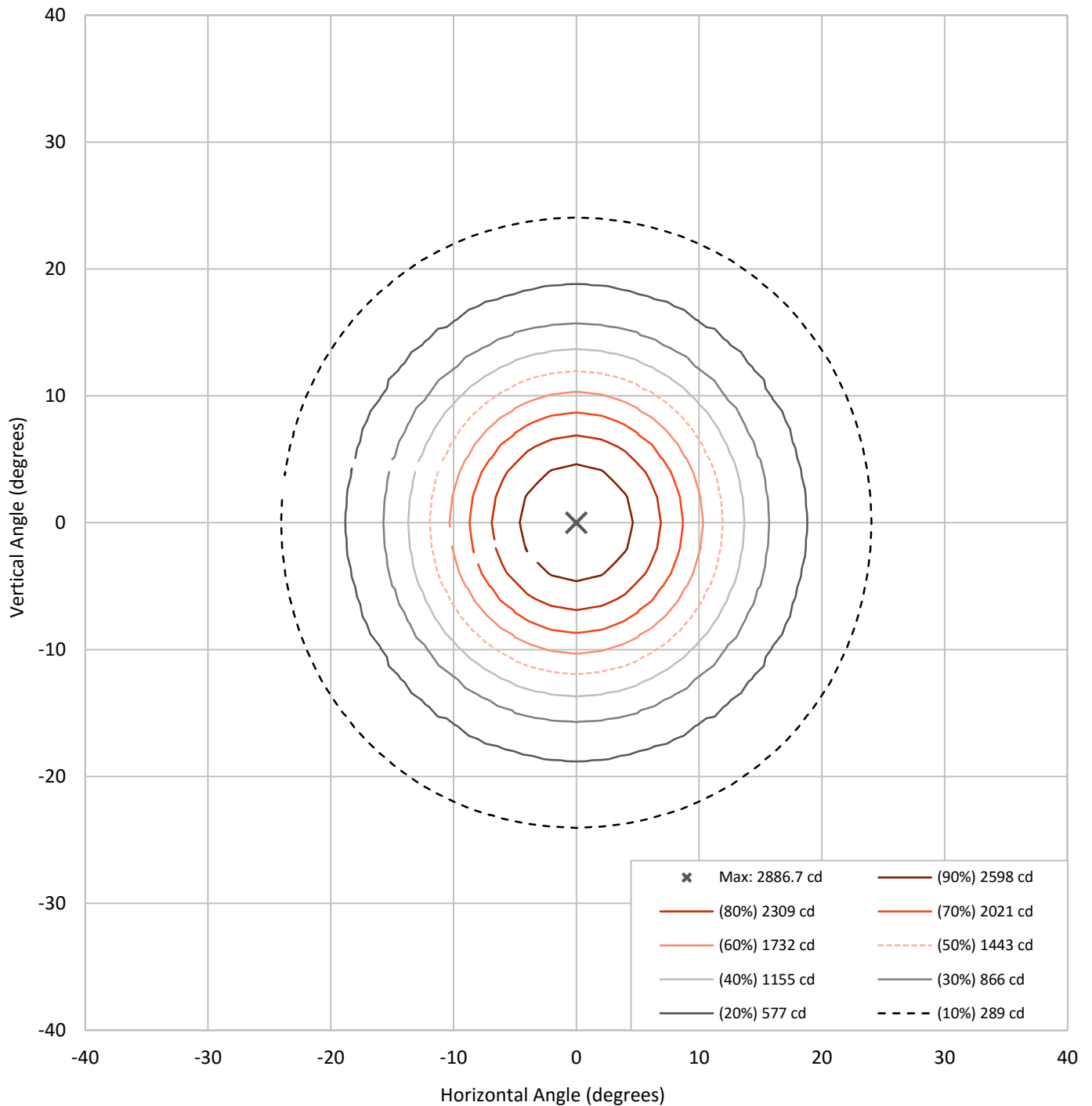
Test Method: LM-79-08  
Report Number: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29469)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV  
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,  
MEDIUM FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 2700K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

|                                   |                               |                      |                 |
|-----------------------------------|-------------------------------|----------------------|-----------------|
| Lumens per Lamp:                  | N/A                           | NEMA Type:           | 4H x 4V         |
| Luminaire Lumens:                 | 707 lumens                    | Max Intensity:       | 2886.7 candela  |
| Efficiency:                       | N/A                           | Max Intensity Angle: | 0°H x 0°V       |
| Efficacy:                         | 72.1 lumens/watt              |                      |                 |
| Luminous Opening:                 | Circular (Dia: 0.25' x H: 0') |                      |                 |
| Beam Angle (50%):                 | 23.9°H x 23.9°V               | Field Angle (10%):   | 48.1°H x 48.1°V |
| Beam Lumens:                      | 282 lumens                    | Field Lumens:        | 554.6 lumens    |
| Beam Efficiency:                  | 39.9%                         | Field Efficiency:    | 78.4%           |
| Input Watts (W):                  | 9.8                           |                      |                 |
| Input Voltage (V):                | 120                           |                      |                 |
| Input Current (Ain):              | NR                            |                      |                 |
| Voltage Rise (V):                 | NR                            |                      |                 |
| Power Factor:                     | NR                            |                      |                 |
| Total Harmonic Distortion (THDi): | NR                            |                      |                 |
| Frequency (hertz):                | 60                            |                      |                 |
| Stabilization Time:               | NR                            |                      |                 |
| Operation Time:                   | NR                            |                      |                 |
| Ambient Temperature (°C):         | NR                            |                      |                 |
| Test Distance:                    | 25 FT                         |                      |                 |

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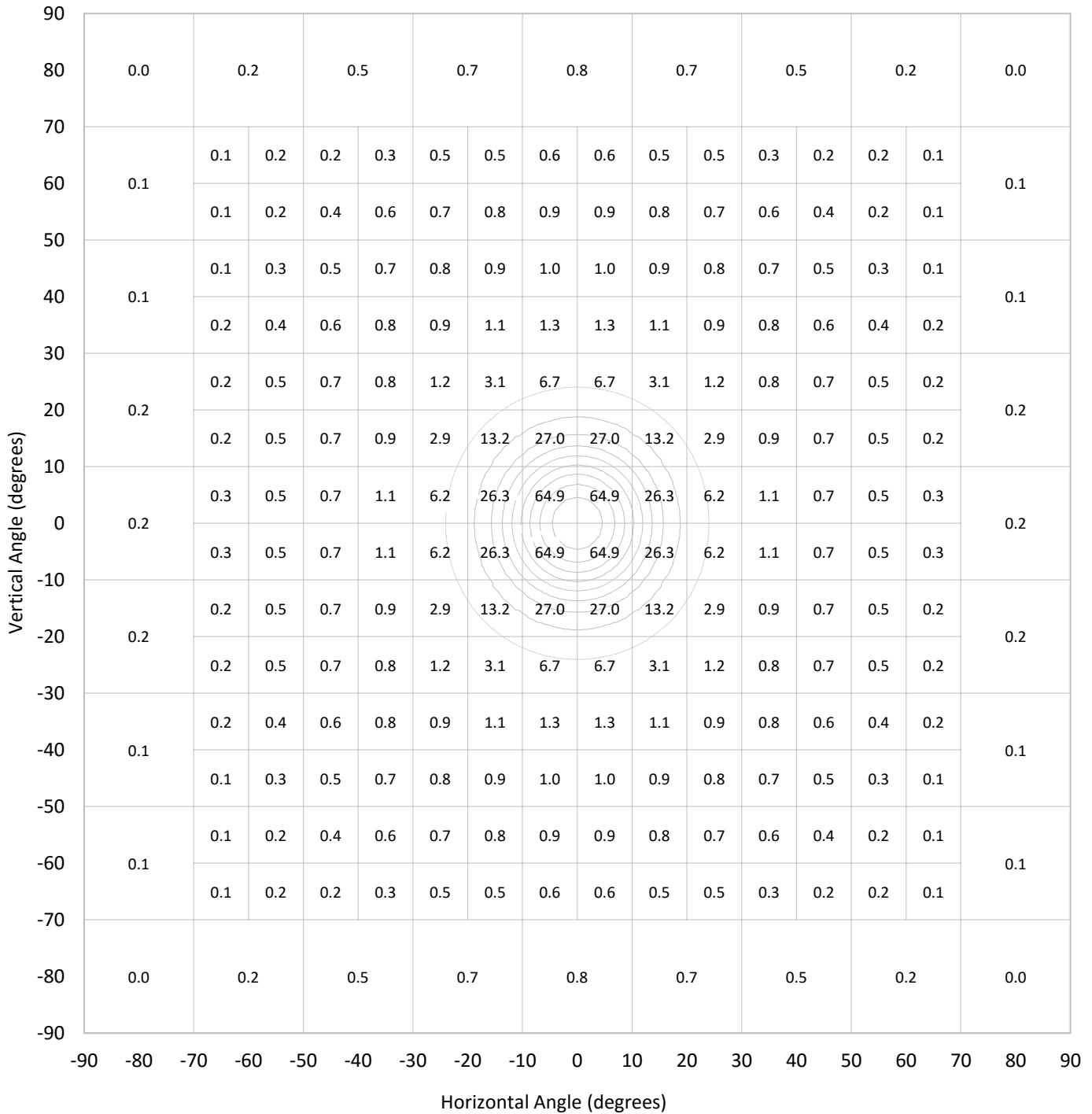
### Iso-Candela Plot





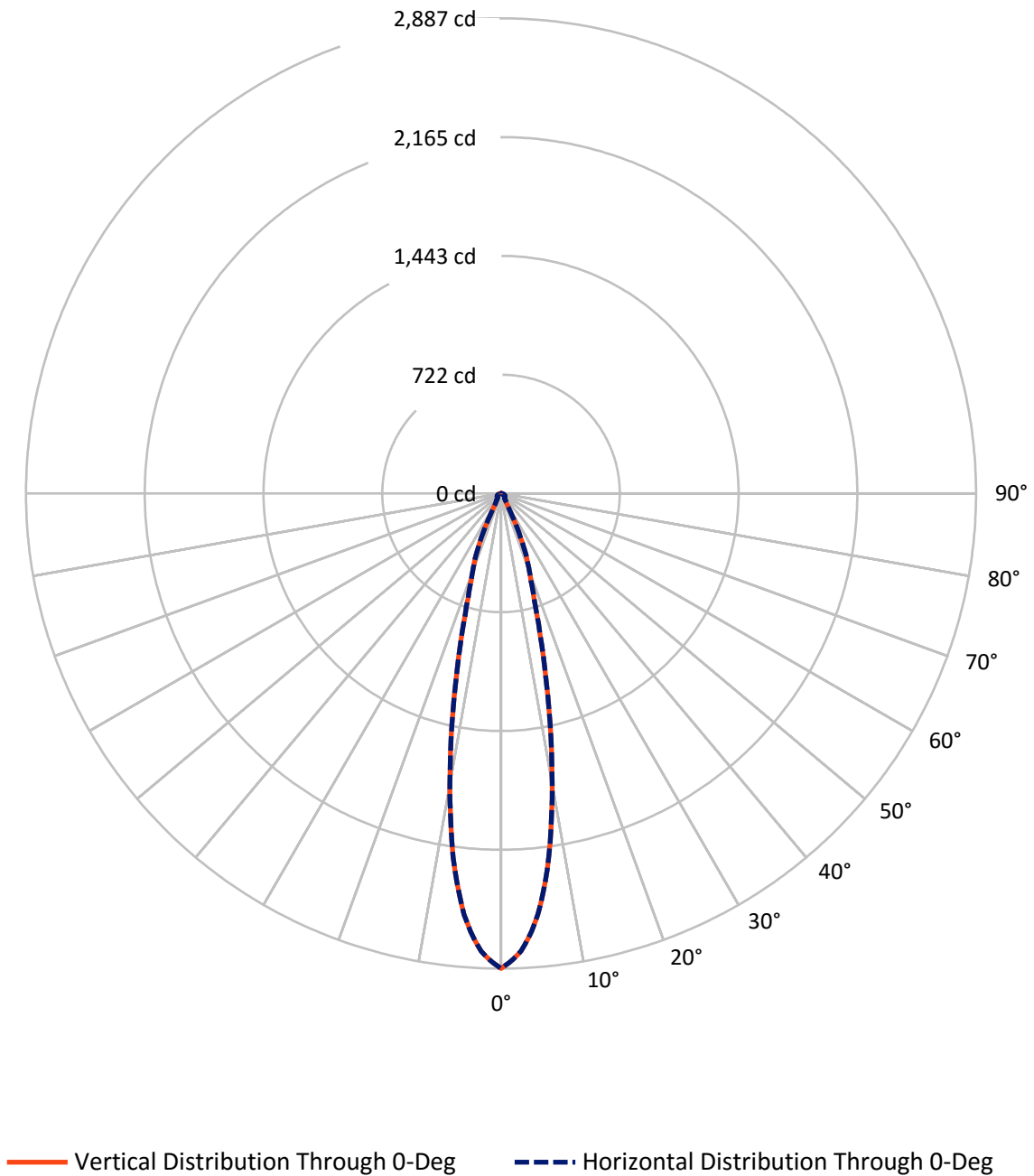
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### Lumen Table



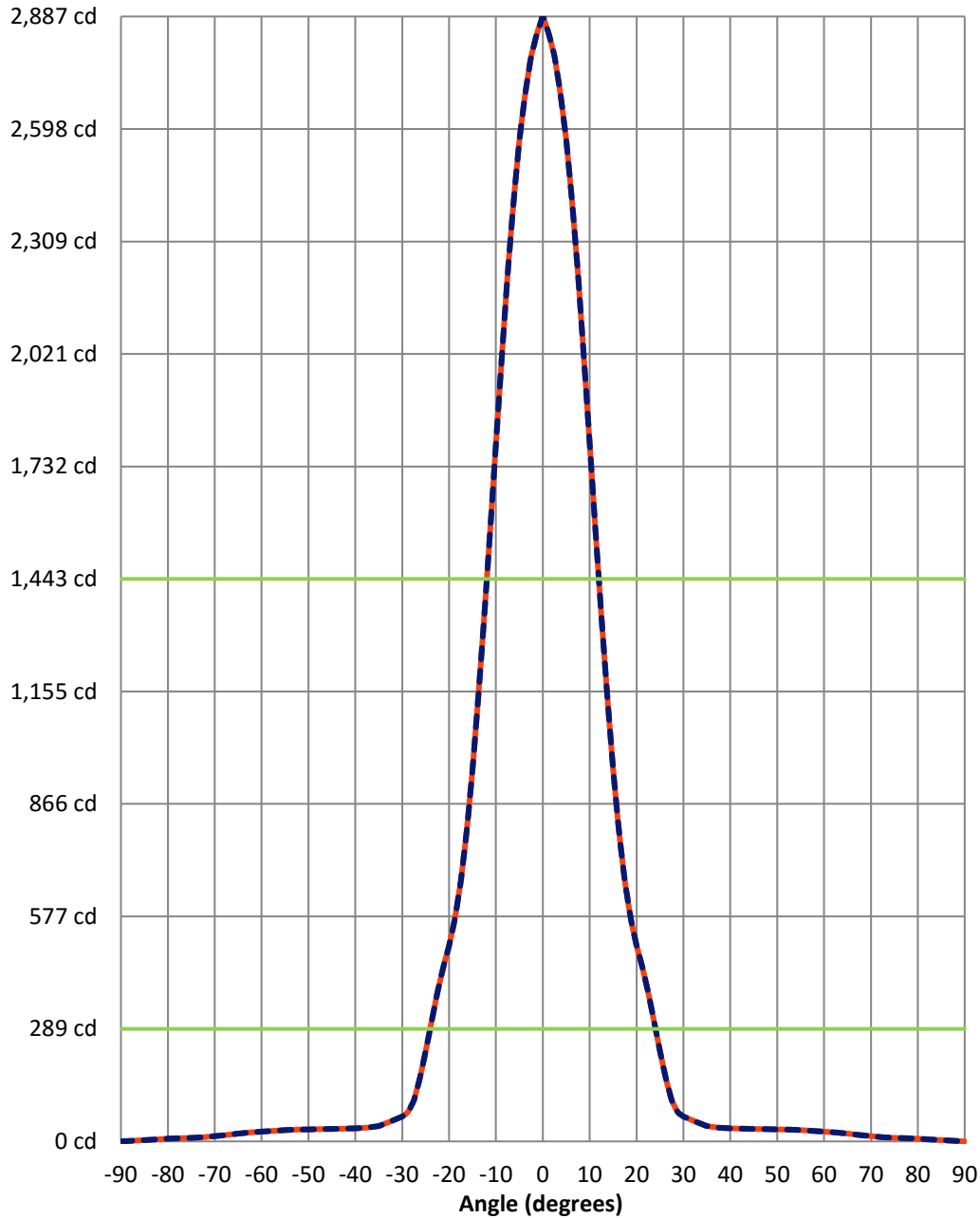
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.9°  
 V Angle: 23.9°  
 Lumens: 282  
 Efficiency: 39.9%

**Field:**  
 H Angle: 48.1°  
 V Angle: 48.1°  
 Lumens: 554.6  
 Efficiency: 78.4%

**Spill:**  
 Lumens: 152.4  
 Efficiency: 21.6%

— 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     | 0.0    | 0.1     | 0.1  | 0.1     | 0.1    | 0.1     | 0.1  | 0.2     | 0.2    |
| 87.5°  | 0.0  | 0.0     | 0.1    | 0.1     | 0.1  | 0.2     | 0.2    | 0.2     | 0.3  | 0.3     | 0.3    |
| 86.25° | 0.0  | 0.1     | 0.1    | 0.2     | 0.2  | 0.3     | 0.3    | 0.4     | 0.4  | 0.5     | 0.5    |
| 85°    | 0.0  | 0.1     | 0.1    | 0.2     | 0.3  | 0.3     | 0.4    | 0.5     | 0.6  | 0.6     | 0.7    |
| 83.75° | 0.0  | 0.1     | 0.2    | 0.3     | 0.3  | 0.4     | 0.5    | 0.6     | 0.7  | 0.8     | 0.9    |
| 82.5°  | 0.0  | 0.1     | 0.2    | 0.3     | 0.4  | 0.5     | 0.6    | 0.7     | 0.8  | 0.9     | 1.0    |
| 81.25° | 0.0  | 0.1     | 0.2    | 0.4     | 0.5  | 0.6     | 0.7    | 0.8     | 1.0  | 1.1     | 1.2    |
| 80°    | 0.0  | 0.1     | 0.3    | 0.4     | 0.6  | 0.7     | 0.8    | 1.0     | 1.1  | 1.2     | 1.4    |
| 78.75° | 0.0  | 0.2     | 0.3    | 0.5     | 0.6  | 0.8     | 0.9    | 1.1     | 1.2  | 1.4     | 1.5    |
| 77.5°  | 0.0  | 0.2     | 0.3    | 0.5     | 0.7  | 0.9     | 1.0    | 1.2     | 1.4  | 1.5     | 1.7    |
| 76.25° | 0.0  | 0.2     | 0.4    | 0.6     | 0.8  | 0.9     | 1.1    | 1.3     | 1.5  | 1.7     | 1.9    |
| 75°    | 0.0  | 0.2     | 0.4    | 0.6     | 0.8  | 1.0     | 1.2    | 1.4     | 1.7  | 1.9     | 2.1    |
| 73.75° | 0.0  | 0.2     | 0.4    | 0.7     | 0.9  | 1.1     | 1.3    | 1.6     | 1.8  | 2.0     | 2.3    |
| 72.5°  | 0.0  | 0.2     | 0.5    | 0.7     | 1.0  | 1.2     | 1.4    | 1.7     | 1.9  | 2.2     | 2.4    |
| 71.25° | 0.0  | 0.3     | 0.5    | 0.8     | 1.0  | 1.3     | 1.5    | 1.8     | 2.1  | 2.3     | 2.6    |
| 70°    | 0.0  | 0.3     | 0.5    | 0.8     | 1.1  | 1.4     | 1.6    | 1.9     | 2.2  | 2.5     | 2.8    |
| 68.75° | 0.0  | 0.3     | 0.6    | 0.9     | 1.2  | 1.4     | 1.7    | 2.0     | 2.4  | 2.7     | 3.0    |
| 67.5°  | 0.0  | 0.3     | 0.6    | 0.9     | 1.2  | 1.5     | 1.8    | 2.2     | 2.5  | 2.8     | 3.1    |
| 66.25° | 0.0  | 0.3     | 0.6    | 1.0     | 1.3  | 1.6     | 1.9    | 2.3     | 2.6  | 3.0     | 3.3    |
| 65°    | 0.0  | 0.3     | 0.7    | 1.0     | 1.4  | 1.7     | 2.1    | 2.4     | 2.8  | 3.1     | 3.5    |
| 63.75° | 0.0  | 0.4     | 0.7    | 1.1     | 1.4  | 1.8     | 2.2    | 2.5     | 2.9  | 3.3     | 3.6    |
| 62.5°  | 0.0  | 0.4     | 0.7    | 1.1     | 1.5  | 1.9     | 2.2    | 2.6     | 3.0  | 3.4     | 3.8    |
| 61.25° | 0.0  | 0.4     | 0.8    | 1.2     | 1.5  | 1.9     | 2.3    | 2.8     | 3.2  | 3.5     | 3.9    |
| 60°    | 0.0  | 0.4     | 0.8    | 1.2     | 1.6  | 2.0     | 2.4    | 2.9     | 3.3  | 3.7     | 4.1    |
| 58.75° | 0.0  | 0.4     | 0.8    | 1.2     | 1.7  | 2.1     | 2.5    | 3.0     | 3.4  | 3.8     | 4.2    |
| 57.5°  | 0.0  | 0.4     | 0.9    | 1.3     | 1.7  | 2.2     | 2.6    | 3.1     | 3.5  | 4.0     | 4.4    |
| 56.25° | 0.0  | 0.4     | 0.9    | 1.3     | 1.8  | 2.3     | 2.7    | 3.2     | 3.6  | 4.1     | 4.5    |
| 55°    | 0.0  | 0.5     | 0.9    | 1.4     | 1.8  | 2.3     | 2.8    | 3.3     | 3.8  | 4.2     | 4.7    |
| 53.75° | 0.0  | 0.5     | 0.9    | 1.4     | 1.9  | 2.4     | 2.9    | 3.4     | 3.9  | 4.3     | 4.8    |
| 52.5°  | 0.0  | 0.5     | 1.0    | 1.5     | 2.0  | 2.5     | 3.0    | 3.5     | 4.0  | 4.5     | 5.0    |
| 51.25° | 0.0  | 0.5     | 1.0    | 1.5     | 2.0  | 2.6     | 3.1    | 3.6     | 4.1  | 4.6     | 5.1    |
| 50°    | 0.0  | 0.5     | 1.0    | 1.5     | 2.1  | 2.6     | 3.2    | 3.7     | 4.2  | 4.7     | 5.3    |
| 48.75° | 0.0  | 0.5     | 1.1    | 1.6     | 2.1  | 2.7     | 3.3    | 3.8     | 4.3  | 4.8     | 5.5    |
| 47.5°  | 0.0  | 0.5     | 1.1    | 1.6     | 2.2  | 2.8     | 3.3    | 3.9     | 4.4  | 5.0     | 5.7    |
| 46.25° | 0.0  | 0.6     | 1.1    | 1.7     | 2.2  | 2.8     | 3.4    | 4.0     | 4.5  | 5.1     | 5.8    |
| 45°    | 0.0  | 0.6     | 1.1    | 1.7     | 2.3  | 2.9     | 3.5    | 4.1     | 4.6  | 5.3     | 6.0    |
| 43.75° | 0.0  | 0.6     | 1.2    | 1.7     | 2.4  | 3.0     | 3.6    | 4.1     | 4.7  | 5.4     | 6.2    |
| 42.5°  | 0.0  | 0.6     | 1.2    | 1.8     | 2.4  | 3.0     | 3.6    | 4.2     | 4.8  | 5.5     | 6.3    |
| 41.25° | 0.0  | 0.6     | 1.2    | 1.8     | 2.5  | 3.1     | 3.7    | 4.3     | 4.9  | 5.7     | 6.5    |
| 40°    | 0.0  | 0.6     | 1.2    | 1.9     | 2.5  | 3.2     | 3.8    | 4.4     | 5.0  | 5.8     | 6.6    |
| 38.75° | 0.0  | 0.6     | 1.2    | 1.9     | 2.6  | 3.2     | 3.8    | 4.5     | 5.1  | 6.0     | 6.8    |
| 37.5°  | 0.0  | 0.6     | 1.3    | 1.9     | 2.6  | 3.3     | 3.9    | 4.5     | 5.3  | 6.1     | 6.9    |
| 36.25° | 0.0  | 0.6     | 1.3    | 2.0     | 2.6  | 3.3     | 4.0    | 4.6     | 5.4  | 6.2     | 7.0    |
| 35°    | 0.0  | 0.7     | 1.3    | 2.0     | 2.7  | 3.4     | 4.0    | 4.7     | 5.5  | 6.3     | 7.1    |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75°  | 0.0  | 0.7     | 1.3    | 2.0     | 2.7  | 3.4     | 4.1    | 4.8     | 5.6  | 6.4     | 7.2    |
| 32.5°   | 0.0  | 0.7     | 1.3    | 2.1     | 2.8  | 3.5     | 4.1    | 4.8     | 5.7  | 6.6     | 7.2    |
| 31.25°  | 0.0  | 0.7     | 1.4    | 2.1     | 2.8  | 3.5     | 4.2    | 4.9     | 5.8  | 6.7     | 7.3    |
| 30°     | 0.0  | 0.7     | 1.4    | 2.1     | 2.8  | 3.6     | 4.3    | 5.0     | 5.9  | 6.8     | 7.4    |
| 28.75°  | 0.0  | 0.7     | 1.4    | 2.1     | 2.9  | 3.6     | 4.3    | 5.0     | 6.0  | 6.9     | 7.5    |
| 27.5°   | 0.0  | 0.7     | 1.4    | 2.2     | 2.9  | 3.6     | 4.4    | 5.1     | 6.0  | 7.0     | 7.5    |
| 26.25°  | 0.0  | 0.7     | 1.4    | 2.2     | 2.9  | 3.7     | 4.4    | 5.2     | 6.1  | 7.0     | 7.6    |
| 25°     | 0.0  | 0.7     | 1.5    | 2.2     | 3.0  | 3.7     | 4.4    | 5.3     | 6.2  | 7.1     | 7.6    |
| 23.75°  | 0.0  | 0.7     | 1.5    | 2.2     | 3.0  | 3.8     | 4.5    | 5.3     | 6.3  | 7.1     | 7.7    |
| 22.5°   | 0.0  | 0.7     | 1.5    | 2.3     | 3.0  | 3.8     | 4.5    | 5.4     | 6.4  | 7.2     | 7.7    |
| 21.25°  | 0.0  | 0.7     | 1.5    | 2.3     | 3.1  | 3.8     | 4.6    | 5.4     | 6.4  | 7.2     | 7.8    |
| 20°     | 0.0  | 0.8     | 1.5    | 2.3     | 3.1  | 3.9     | 4.6    | 5.5     | 6.5  | 7.3     | 7.8    |
| 18.75°  | 0.0  | 0.8     | 1.5    | 2.3     | 3.1  | 3.9     | 4.6    | 5.6     | 6.5  | 7.3     | 7.9    |
| 17.5°   | 0.0  | 0.8     | 1.5    | 2.3     | 3.1  | 3.9     | 4.7    | 5.6     | 6.6  | 7.3     | 7.9    |
| 16.25°  | 0.0  | 0.8     | 1.5    | 2.3     | 3.2  | 3.9     | 4.7    | 5.7     | 6.7  | 7.4     | 8.0    |
| 15°     | 0.0  | 0.8     | 1.5    | 2.4     | 3.2  | 4.0     | 4.7    | 5.7     | 6.7  | 7.4     | 8.0    |
| 13.75°  | 0.0  | 0.8     | 1.6    | 2.4     | 3.2  | 4.0     | 4.8    | 5.7     | 6.8  | 7.4     | 8.0    |
| 12.5°   | 0.0  | 0.8     | 1.6    | 2.4     | 3.2  | 4.0     | 4.8    | 5.8     | 6.8  | 7.5     | 8.1    |
| 11.25°  | 0.0  | 0.8     | 1.6    | 2.4     | 3.2  | 4.0     | 4.8    | 5.8     | 6.8  | 7.5     | 8.1    |
| 10°     | 0.0  | 0.8     | 1.6    | 2.4     | 3.2  | 4.0     | 4.8    | 5.8     | 6.9  | 7.5     | 8.1    |
| 8.75°   | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.8    | 5.9     | 6.9  | 7.5     | 8.1    |
| 7.5°    | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 6.9  | 7.6     | 8.1    |
| 6.25°   | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 6.9  | 7.6     | 8.2    |
| 5°      | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 7.0  | 7.6     | 8.2    |
| 3.75°   | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 7.0  | 7.6     | 8.2    |
| 2.5°    | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 7.0  | 7.6     | 8.2    |
| 1.25°   | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 7.0  | 7.6     | 8.2    |
| 0°      | 0.0  | 0.8     | 1.6    | 2.5     | 3.3  | 4.1     | 4.9    | 6.0     | 7.0  | 7.6     | 8.2    |
| -1.25°  | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 7.0  | 7.6     | 8.2    |
| -2.5°   | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 7.0  | 7.6     | 8.2    |
| -3.75°  | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 7.0  | 7.6     | 8.2    |
| -5°     | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 7.0  | 7.6     | 8.2    |
| -6.25°  | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 6.9  | 7.6     | 8.2    |
| -7.5°   | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.9    | 5.9     | 6.9  | 7.6     | 8.1    |
| -8.75°  | 0.0  | 0.8     | 1.6    | 2.4     | 3.3  | 4.1     | 4.8    | 5.9     | 6.9  | 7.5     | 8.1    |
| -10°    | 0.0  | 0.8     | 1.6    | 2.4     | 3.2  | 4.0     | 4.8    | 5.8     | 6.9  | 7.5     | 8.1    |
| -11.25° | 0.0  | 0.8     | 1.6    | 2.4     | 3.2  | 4.0     | 4.8    | 5.8     | 6.8  | 7.5     | 8.1    |
| -12.5°  | 0.0  | 0.8     | 1.6    | 2.4     | 3.2  | 4.0     | 4.8    | 5.8     | 6.8  | 7.5     | 8.1    |
| -13.75° | 0.0  | 0.8     | 1.6    | 2.4     | 3.2  | 4.0     | 4.8    | 5.7     | 6.8  | 7.4     | 8.0    |
| -15°    | 0.0  | 0.8     | 1.5    | 2.4     | 3.2  | 4.0     | 4.7    | 5.7     | 6.7  | 7.4     | 8.0    |
| -16.25° | 0.0  | 0.8     | 1.5    | 2.3     | 3.2  | 3.9     | 4.7    | 5.7     | 6.7  | 7.4     | 8.0    |
| -17.5°  | 0.0  | 0.8     | 1.5    | 2.3     | 3.1  | 3.9     | 4.7    | 5.6     | 6.6  | 7.3     | 7.9    |
| -18.75° | 0.0  | 0.8     | 1.5    | 2.3     | 3.1  | 3.9     | 4.6    | 5.6     | 6.5  | 7.3     | 7.9    |
| -20°    | 0.0  | 0.8     | 1.5    | 2.3     | 3.1  | 3.9     | 4.6    | 5.5     | 6.5  | 7.3     | 7.8    |
| -21.25° | 0.0  | 0.7     | 1.5    | 2.3     | 3.1  | 3.8     | 4.6    | 5.4     | 6.4  | 7.2     | 7.8    |





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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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  | 0.7     | 1.5    | 2.3     | 3.0  | 3.8     | 4.5    | 5.4     | 6.4  | 7.2     | 7.7    |
| -23.75° | 0.0  | 0.7     | 1.5    | 2.2     | 3.0  | 3.8     | 4.5    | 5.3     | 6.3  | 7.1     | 7.7    |
| -25°    | 0.0  | 0.7     | 1.5    | 2.2     | 3.0  | 3.7     | 4.4    | 5.3     | 6.2  | 7.1     | 7.6    |
| -26.25° | 0.0  | 0.7     | 1.4    | 2.2     | 2.9  | 3.7     | 4.4    | 5.2     | 6.1  | 7.0     | 7.6    |
| -27.5°  | 0.0  | 0.7     | 1.4    | 2.2     | 2.9  | 3.6     | 4.4    | 5.1     | 6.0  | 7.0     | 7.5    |
| -28.75° | 0.0  | 0.7     | 1.4    | 2.1     | 2.9  | 3.6     | 4.3    | 5.0     | 6.0  | 6.9     | 7.5    |
| -30°    | 0.0  | 0.7     | 1.4    | 2.1     | 2.8  | 3.6     | 4.3    | 5.0     | 5.9  | 6.8     | 7.4    |
| -31.25° | 0.0  | 0.7     | 1.4    | 2.1     | 2.8  | 3.5     | 4.2    | 4.9     | 5.8  | 6.7     | 7.3    |
| -32.5°  | 0.0  | 0.7     | 1.3    | 2.1     | 2.8  | 3.5     | 4.1    | 4.8     | 5.7  | 6.6     | 7.2    |
| -33.75° | 0.0  | 0.7     | 1.3    | 2.0     | 2.7  | 3.4     | 4.1    | 4.8     | 5.6  | 6.4     | 7.2    |
| -35°    | 0.0  | 0.7     | 1.3    | 2.0     | 2.7  | 3.4     | 4.0    | 4.7     | 5.5  | 6.3     | 7.1    |
| -36.25° | 0.0  | 0.6     | 1.3    | 2.0     | 2.6  | 3.3     | 4.0    | 4.6     | 5.4  | 6.2     | 7.0    |
| -37.5°  | 0.0  | 0.6     | 1.3    | 1.9     | 2.6  | 3.3     | 3.9    | 4.5     | 5.3  | 6.1     | 6.9    |
| -38.75° | 0.0  | 0.6     | 1.2    | 1.9     | 2.6  | 3.2     | 3.8    | 4.5     | 5.1  | 6.0     | 6.8    |
| -40°    | 0.0  | 0.6     | 1.2    | 1.9     | 2.5  | 3.2     | 3.8    | 4.4     | 5.0  | 5.8     | 6.6    |
| -41.25° | 0.0  | 0.6     | 1.2    | 1.8     | 2.5  | 3.1     | 3.7    | 4.3     | 4.9  | 5.7     | 6.5    |
| -42.5°  | 0.0  | 0.6     | 1.2    | 1.8     | 2.4  | 3.0     | 3.6    | 4.2     | 4.8  | 5.5     | 6.3    |
| -43.75° | 0.0  | 0.6     | 1.2    | 1.7     | 2.4  | 3.0     | 3.6    | 4.1     | 4.7  | 5.4     | 6.2    |
| -45°    | 0.0  | 0.6     | 1.1    | 1.7     | 2.3  | 2.9     | 3.5    | 4.1     | 4.6  | 5.3     | 6.0    |
| -46.25° | 0.0  | 0.6     | 1.1    | 1.7     | 2.2  | 2.8     | 3.4    | 4.0     | 4.5  | 5.1     | 5.8    |
| -47.5°  | 0.0  | 0.5     | 1.1    | 1.6     | 2.2  | 2.8     | 3.3    | 3.9     | 4.4  | 5.0     | 5.7    |
| -48.75° | 0.0  | 0.5     | 1.1    | 1.6     | 2.1  | 2.7     | 3.3    | 3.8     | 4.3  | 4.8     | 5.5    |
| -50°    | 0.0  | 0.5     | 1.0    | 1.5     | 2.1  | 2.6     | 3.2    | 3.7     | 4.2  | 4.7     | 5.3    |
| -51.25° | 0.0  | 0.5     | 1.0    | 1.5     | 2.0  | 2.6     | 3.1    | 3.6     | 4.1  | 4.6     | 5.1    |
| -52.5°  | 0.0  | 0.5     | 1.0    | 1.5     | 2.0  | 2.5     | 3.0    | 3.5     | 4.0  | 4.5     | 5.0    |
| -53.75° | 0.0  | 0.5     | 0.9    | 1.4     | 1.9  | 2.4     | 2.9    | 3.4     | 3.9  | 4.3     | 4.8    |
| -55°    | 0.0  | 0.5     | 0.9    | 1.4     | 1.8  | 2.3     | 2.8    | 3.3     | 3.8  | 4.2     | 4.7    |
| -56.25° | 0.0  | 0.4     | 0.9    | 1.3     | 1.8  | 2.3     | 2.7    | 3.2     | 3.6  | 4.1     | 4.5    |
| -57.5°  | 0.0  | 0.4     | 0.9    | 1.3     | 1.7  | 2.2     | 2.6    | 3.1     | 3.5  | 4.0     | 4.4    |
| -58.75° | 0.0  | 0.4     | 0.8    | 1.2     | 1.7  | 2.1     | 2.5    | 3.0     | 3.4  | 3.8     | 4.2    |
| -60°    | 0.0  | 0.4     | 0.8    | 1.2     | 1.6  | 2.0     | 2.4    | 2.9     | 3.3  | 3.7     | 4.1    |
| -61.25° | 0.0  | 0.4     | 0.8    | 1.2     | 1.5  | 1.9     | 2.3    | 2.8     | 3.2  | 3.5     | 3.9    |
| -62.5°  | 0.0  | 0.4     | 0.7    | 1.1     | 1.5  | 1.9     | 2.2    | 2.6     | 3.0  | 3.4     | 3.8    |
| -63.75° | 0.0  | 0.4     | 0.7    | 1.1     | 1.4  | 1.8     | 2.2    | 2.5     | 2.9  | 3.3     | 3.6    |
| -65°    | 0.0  | 0.3     | 0.7    | 1.0     | 1.4  | 1.7     | 2.1    | 2.4     | 2.8  | 3.1     | 3.5    |
| -66.25° | 0.0  | 0.3     | 0.6    | 1.0     | 1.3  | 1.6     | 1.9    | 2.3     | 2.6  | 3.0     | 3.3    |
| -67.5°  | 0.0  | 0.3     | 0.6    | 0.9     | 1.2  | 1.5     | 1.8    | 2.2     | 2.5  | 2.8     | 3.1    |
| -68.75° | 0.0  | 0.3     | 0.6    | 0.9     | 1.2  | 1.4     | 1.7    | 2.0     | 2.4  | 2.7     | 3.0    |
| -70°    | 0.0  | 0.3     | 0.5    | 0.8     | 1.1  | 1.4     | 1.6    | 1.9     | 2.2  | 2.5     | 2.8    |
| -71.25° | 0.0  | 0.3     | 0.5    | 0.8     | 1.0  | 1.3     | 1.5    | 1.8     | 2.1  | 2.3     | 2.6    |
| -72.5°  | 0.0  | 0.2     | 0.5    | 0.7     | 1.0  | 1.2     | 1.4    | 1.7     | 1.9  | 2.2     | 2.4    |
| -73.75° | 0.0  | 0.2     | 0.4    | 0.7     | 0.9  | 1.1     | 1.3    | 1.6     | 1.8  | 2.0     | 2.3    |
| -75°    | 0.0  | 0.2     | 0.4    | 0.6     | 0.8  | 1.0     | 1.2    | 1.4     | 1.7  | 1.9     | 2.1    |
| -76.25° | 0.0  | 0.2     | 0.4    | 0.6     | 0.8  | 0.9     | 1.1    | 1.3     | 1.5  | 1.7     | 1.9    |
| -77.5°  | 0.0  | 0.2     | 0.3    | 0.5     | 0.7  | 0.9     | 1.0    | 1.2     | 1.4  | 1.5     | 1.7    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 0.0  | 0.2     | 0.3    | 0.5     | 0.6  | 0.8     | 0.9    | 1.1     | 1.2  | 1.4     | 1.5    |
| -80°    | 0.0  | 0.1     | 0.3    | 0.4     | 0.6  | 0.7     | 0.8    | 1.0     | 1.1  | 1.2     | 1.4    |
| -81.25° | 0.0  | 0.1     | 0.2    | 0.4     | 0.5  | 0.6     | 0.7    | 0.8     | 1.0  | 1.1     | 1.2    |
| -82.5°  | 0.0  | 0.1     | 0.2    | 0.3     | 0.4  | 0.5     | 0.6    | 0.7     | 0.8  | 0.9     | 1.0    |
| -83.75° | 0.0  | 0.1     | 0.2    | 0.3     | 0.3  | 0.4     | 0.5    | 0.6     | 0.7  | 0.8     | 0.9    |
| -85°    | 0.0  | 0.1     | 0.1    | 0.2     | 0.3  | 0.3     | 0.4    | 0.5     | 0.6  | 0.6     | 0.7    |
| -86.25° | 0.0  | 0.1     | 0.1    | 0.2     | 0.2  | 0.3     | 0.3    | 0.4     | 0.4  | 0.5     | 0.5    |
| -87.5°  | 0.0  | 0.0     | 0.1    | 0.1     | 0.1  | 0.2     | 0.2    | 0.2     | 0.3  | 0.3     | 0.3    |
| -88.75° | 0.0  | 0.0     | 0.0    | 0.1     | 0.1  | 0.1     | 0.1    | 0.1     | 0.1  | 0.2     | 0.2    |
| -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: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 90°    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     |
| 88.75° | 0.2     | 0.2  | 0.2     | 0.2    | 0.3     | 0.3  | 0.3     | 0.3    | 0.3     | 0.3  | 0.4     |
| 87.5°  | 0.4     | 0.4  | 0.4     | 0.5    | 0.5     | 0.5  | 0.6     | 0.6    | 0.6     | 0.7  | 0.7     |
| 86.25° | 0.6     | 0.6  | 0.7     | 0.7    | 0.8     | 0.8  | 0.9     | 0.9    | 1.0     | 1.0  | 1.1     |
| 85°    | 0.8     | 0.8  | 0.9     | 1.0    | 1.0     | 1.1  | 1.2     | 1.2    | 1.3     | 1.4  | 1.4     |
| 83.75° | 0.9     | 1.0  | 1.1     | 1.2    | 1.3     | 1.4  | 1.4     | 1.5    | 1.6     | 1.7  | 1.8     |
| 82.5°  | 1.1     | 1.2  | 1.3     | 1.4    | 1.5     | 1.6  | 1.7     | 1.8    | 1.9     | 2.1  | 2.2     |
| 81.25° | 1.3     | 1.4  | 1.6     | 1.7    | 1.8     | 1.9  | 2.0     | 2.2    | 2.3     | 2.4  | 2.5     |
| 80°    | 1.5     | 1.7  | 1.8     | 1.9    | 2.1     | 2.2  | 2.4     | 2.5    | 2.6     | 2.8  | 2.9     |
| 78.75° | 1.7     | 1.9  | 2.0     | 2.2    | 2.3     | 2.5  | 2.7     | 2.8    | 3.0     | 3.1  | 3.3     |
| 77.5°  | 1.9     | 2.1  | 2.3     | 2.4    | 2.6     | 2.8  | 3.0     | 3.1    | 3.3     | 3.5  | 3.6     |
| 76.25° | 2.1     | 2.3  | 2.5     | 2.7    | 2.9     | 3.1  | 3.3     | 3.4    | 3.6     | 3.8  | 4.0     |
| 75°    | 2.3     | 2.5  | 2.7     | 2.9    | 3.1     | 3.4  | 3.5     | 3.7    | 3.9     | 4.1  | 4.3     |
| 73.75° | 2.5     | 2.7  | 3.0     | 3.2    | 3.4     | 3.6  | 3.8     | 4.0    | 4.2     | 4.4  | 4.7     |
| 72.5°  | 2.7     | 2.9  | 3.2     | 3.4    | 3.6     | 3.9  | 4.1     | 4.3    | 4.6     | 4.8  | 5.0     |
| 71.25° | 2.9     | 3.1  | 3.4     | 3.6    | 3.9     | 4.1  | 4.4     | 4.6    | 4.9     | 5.2  | 5.5     |
| 70°    | 3.1     | 3.4  | 3.6     | 3.9    | 4.1     | 4.4  | 4.7     | 4.9    | 5.3     | 5.6  | 5.9     |
| 68.75° | 3.3     | 3.5  | 3.8     | 4.1    | 4.4     | 4.7  | 4.9     | 5.3    | 5.7     | 6.0  | 6.3     |
| 67.5°  | 3.4     | 3.7  | 4.0     | 4.3    | 4.6     | 4.9  | 5.3     | 5.7    | 6.0     | 6.4  | 6.8     |
| 66.25° | 3.6     | 3.9  | 4.2     | 4.6    | 4.9     | 5.3  | 5.7     | 6.0    | 6.4     | 6.8  | 7.1     |
| 65°    | 3.8     | 4.1  | 4.4     | 4.8    | 5.2     | 5.6  | 6.0     | 6.4    | 6.8     | 7.1  | 7.4     |
| 63.75° | 4.0     | 4.3  | 4.7     | 5.0    | 5.5     | 5.9  | 6.3     | 6.8    | 7.1     | 7.4  | 7.6     |
| 62.5°  | 4.1     | 4.5  | 4.9     | 5.3    | 5.8     | 6.2  | 6.7     | 7.1    | 7.3     | 7.6  | 7.9     |
| 61.25° | 4.3     | 4.7  | 5.1     | 5.6    | 6.1     | 6.6  | 7.0     | 7.3    | 7.6     | 7.8  | 8.1     |
| 60°    | 4.5     | 4.9  | 5.4     | 5.9    | 6.4     | 6.9  | 7.2     | 7.5    | 7.8     | 8.1  | 8.3     |
| 58.75° | 4.6     | 5.1  | 5.6     | 6.1    | 6.7     | 7.1  | 7.4     | 7.7    | 8.0     | 8.3  | 8.4     |
| 57.5°  | 4.8     | 5.3  | 5.9     | 6.4    | 7.0     | 7.3  | 7.6     | 7.9    | 8.2     | 8.4  | 8.6     |
| 56.25° | 5.0     | 5.5  | 6.1     | 6.7    | 7.1     | 7.5  | 7.8     | 8.1    | 8.3     | 8.5  | 8.8     |
| 55°    | 5.2     | 5.8  | 6.4     | 6.9    | 7.3     | 7.6  | 8.0     | 8.3    | 8.5     | 8.7  | 8.9     |
| 53.75° | 5.4     | 6.0  | 6.6     | 7.1    | 7.5     | 7.8  | 8.1     | 8.4    | 8.6     | 8.8  | 9.1     |
| 52.5°  | 5.6     | 6.2  | 6.8     | 7.3    | 7.6     | 8.0  | 8.3     | 8.5    | 8.7     | 9.0  | 9.4     |
| 51.25° | 5.8     | 6.4  | 7.0     | 7.4    | 7.8     | 8.1  | 8.4     | 8.6    | 8.9     | 9.2  | 9.7     |
| 50°    | 6.0     | 6.6  | 7.2     | 7.5    | 7.9     | 8.3  | 8.5     | 8.8    | 9.0     | 9.5  | 10.0    |
| 48.75° | 6.2     | 6.9  | 7.3     | 7.7    | 8.1     | 8.4  | 8.6     | 8.9    | 9.3     | 9.8  | 10.3    |
| 47.5°  | 6.4     | 7.0  | 7.4     | 7.8    | 8.2     | 8.5  | 8.7     | 9.0    | 9.5     | 10.0 | 10.5    |
| 46.25° | 6.5     | 7.1  | 7.6     | 8.0    | 8.3     | 8.6  | 8.8     | 9.2    | 9.7     | 10.3 | 11.0    |
| 45°    | 6.7     | 7.3  | 7.7     | 8.1    | 8.4     | 8.7  | 9.0     | 9.4    | 10.0    | 10.5 | 11.4    |
| 43.75° | 6.9     | 7.4  | 7.8     | 8.2    | 8.5     | 8.8  | 9.1     | 9.7    | 10.2    | 10.9 | 11.9    |
| 42.5°  | 7.0     | 7.5  | 7.9     | 8.3    | 8.6     | 8.9  | 9.3     | 9.9    | 10.5    | 11.4 | 12.4    |
| 41.25° | 7.1     | 7.6  | 8.0     | 8.4    | 8.7     | 9.0  | 9.5     | 10.1   | 10.7    | 11.8 | 12.8    |
| 40°    | 7.2     | 7.7  | 8.1     | 8.5    | 8.8     | 9.1  | 9.7     | 10.3   | 11.1    | 12.2 | 13.3    |
| 38.75° | 7.3     | 7.8  | 8.2     | 8.5    | 8.8     | 9.3  | 9.9     | 10.5   | 11.5    | 12.6 | 13.7    |
| 37.5°  | 7.4     | 7.9  | 8.3     | 8.6    | 8.9     | 9.5  | 10.1    | 10.8   | 11.9    | 13.0 | 14.1    |
| 36.25° | 7.5     | 8.0  | 8.4     | 8.7    | 9.0     | 9.6  | 10.3    | 11.2   | 12.3    | 13.4 | 14.5    |
| 35°    | 7.6     | 8.1  | 8.4     | 8.8    | 9.2     | 9.8  | 10.5    | 11.5   | 12.6    | 13.8 | 14.9    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 33.75°  | 7.7     | 8.2  | 8.5     | 8.8    | 9.3     | 10.0 | 10.6    | 11.8   | 13.0    | 14.2 | 15.3    |
| 32.5°   | 7.8     | 8.2  | 8.6     | 8.9    | 9.5     | 10.1 | 10.9    | 12.1   | 13.3    | 14.5 | 15.7    |
| 31.25°  | 7.8     | 8.3  | 8.6     | 9.0    | 9.6     | 10.3 | 11.2    | 12.5   | 13.7    | 14.9 | 16.1    |
| 30°     | 7.9     | 8.3  | 8.7     | 9.1    | 9.7     | 10.4 | 11.5    | 12.8   | 14.0    | 15.2 | 16.4    |
| 28.75°  | 8.0     | 8.4  | 8.7     | 9.2    | 9.9     | 10.6 | 11.8    | 13.0   | 14.3    | 15.5 | 16.9    |
| 27.5°   | 8.0     | 8.4  | 8.8     | 9.3    | 10.0    | 10.8 | 12.1    | 13.3   | 14.6    | 15.8 | 17.3    |
| 26.25°  | 8.1     | 8.5  | 8.9     | 9.4    | 10.1    | 11.0 | 12.3    | 13.6   | 14.9    | 16.1 | 17.7    |
| 25°     | 8.2     | 8.5  | 8.9     | 9.5    | 10.2    | 11.2 | 12.5    | 13.8   | 15.1    | 16.4 | 18.0    |
| 23.75°  | 8.2     | 8.6  | 8.9     | 9.6    | 10.4    | 11.5 | 12.8    | 14.1   | 15.4    | 16.8 | 18.4    |
| 22.5°   | 8.3     | 8.6  | 9.0     | 9.7    | 10.5    | 11.7 | 13.0    | 14.3   | 15.6    | 17.1 | 18.7    |
| 21.25°  | 8.3     | 8.7  | 9.1     | 9.8    | 10.6    | 11.9 | 13.2    | 14.5   | 15.9    | 17.4 | 19.1    |
| 20°     | 8.3     | 8.7  | 9.2     | 9.9    | 10.7    | 12.0 | 13.4    | 14.7   | 16.1    | 17.7 | 19.4    |
| 18.75°  | 8.4     | 8.7  | 9.2     | 10.0   | 10.9    | 12.2 | 13.6    | 14.9   | 16.3    | 18.0 | 19.7    |
| 17.5°   | 8.4     | 8.8  | 9.3     | 10.1   | 11.0    | 12.4 | 13.8    | 15.1   | 16.5    | 18.2 | 19.9    |
| 16.25°  | 8.4     | 8.8  | 9.4     | 10.1   | 11.2    | 12.5 | 13.9    | 15.3   | 16.8    | 18.5 | 20.1    |
| 15°     | 8.4     | 8.8  | 9.4     | 10.2   | 11.3    | 12.7 | 14.1    | 15.5   | 17.0    | 18.7 | 20.3    |
| 13.75°  | 8.5     | 8.9  | 9.5     | 10.3   | 11.4    | 12.8 | 14.2    | 15.6   | 17.2    | 18.9 | 20.5    |
| 12.5°   | 8.5     | 8.9  | 9.5     | 10.3   | 11.5    | 12.9 | 14.3    | 15.7   | 17.3    | 19.1 | 20.7    |
| 11.25°  | 8.5     | 8.9  | 9.6     | 10.4   | 11.6    | 13.0 | 14.5    | 15.9   | 17.5    | 19.3 | 20.8    |
| 10°     | 8.5     | 8.9  | 9.6     | 10.4   | 11.7    | 13.1 | 14.6    | 16.0   | 17.6    | 19.4 | 21.0    |
| 8.75°   | 8.5     | 8.9  | 9.7     | 10.5   | 11.8    | 13.2 | 14.6    | 16.1   | 17.8    | 19.6 | 21.1    |
| 7.5°    | 8.6     | 9.0  | 9.7     | 10.5   | 11.9    | 13.3 | 14.7    | 16.2   | 17.9    | 19.7 | 21.2    |
| 6.25°   | 8.6     | 9.0  | 9.7     | 10.5   | 11.9    | 13.4 | 14.8    | 16.2   | 18.0    | 19.8 | 21.3    |
| 5°      | 8.6     | 9.0  | 9.8     | 10.6   | 12.0    | 13.4 | 14.9    | 16.3   | 18.1    | 19.9 | 21.3    |
| 3.75°   | 8.6     | 9.0  | 9.8     | 10.6   | 12.0    | 13.4 | 14.9    | 16.3   | 18.1    | 19.9 | 21.4    |
| 2.5°    | 8.6     | 9.0  | 9.8     | 10.6   | 12.0    | 13.5 | 14.9    | 16.4   | 18.2    | 20.0 | 21.4    |
| 1.25°   | 8.6     | 9.0  | 9.8     | 10.6   | 12.0    | 13.5 | 14.9    | 16.4   | 18.2    | 20.0 | 21.4    |
| 0°      | 8.6     | 9.0  | 9.8     | 10.6   | 12.1    | 13.5 | 15.0    | 16.4   | 18.2    | 20.0 | 21.5    |
| -1.25°  | 8.6     | 9.0  | 9.8     | 10.6   | 12.0    | 13.5 | 14.9    | 16.4   | 18.2    | 20.0 | 21.4    |
| -2.5°   | 8.6     | 9.0  | 9.8     | 10.6   | 12.0    | 13.5 | 14.9    | 16.4   | 18.2    | 20.0 | 21.4    |
| -3.75°  | 8.6     | 9.0  | 9.8     | 10.6   | 12.0    | 13.4 | 14.9    | 16.3   | 18.1    | 19.9 | 21.4    |
| -5°     | 8.6     | 9.0  | 9.8     | 10.6   | 12.0    | 13.4 | 14.9    | 16.3   | 18.1    | 19.9 | 21.3    |
| -6.25°  | 8.6     | 9.0  | 9.7     | 10.5   | 11.9    | 13.4 | 14.8    | 16.2   | 18.0    | 19.8 | 21.3    |
| -7.5°   | 8.6     | 9.0  | 9.7     | 10.5   | 11.9    | 13.3 | 14.7    | 16.2   | 17.9    | 19.7 | 21.2    |
| -8.75°  | 8.5     | 8.9  | 9.7     | 10.5   | 11.8    | 13.2 | 14.6    | 16.1   | 17.8    | 19.6 | 21.1    |
| -10°    | 8.5     | 8.9  | 9.6     | 10.4   | 11.7    | 13.1 | 14.6    | 16.0   | 17.6    | 19.4 | 21.0    |
| -11.25° | 8.5     | 8.9  | 9.6     | 10.4   | 11.6    | 13.0 | 14.5    | 15.9   | 17.5    | 19.3 | 20.8    |
| -12.5°  | 8.5     | 8.9  | 9.5     | 10.3   | 11.5    | 12.9 | 14.3    | 15.7   | 17.3    | 19.1 | 20.7    |
| -13.75° | 8.5     | 8.9  | 9.5     | 10.3   | 11.4    | 12.8 | 14.2    | 15.6   | 17.2    | 18.9 | 20.5    |
| -15°    | 8.4     | 8.8  | 9.4     | 10.2   | 11.3    | 12.7 | 14.1    | 15.5   | 17.0    | 18.7 | 20.3    |
| -16.25° | 8.4     | 8.8  | 9.4     | 10.1   | 11.2    | 12.5 | 13.9    | 15.3   | 16.8    | 18.5 | 20.1    |
| -17.5°  | 8.4     | 8.8  | 9.3     | 10.1   | 11.0    | 12.4 | 13.8    | 15.1   | 16.5    | 18.2 | 19.9    |
| -18.75° | 8.4     | 8.7  | 9.2     | 10.0   | 10.9    | 12.2 | 13.6    | 14.9   | 16.3    | 18.0 | 19.7    |
| -20°    | 8.3     | 8.7  | 9.2     | 9.9    | 10.7    | 12.0 | 13.4    | 14.7   | 16.1    | 17.7 | 19.4    |
| -21.25° | 8.3     | 8.7  | 9.1     | 9.8    | 10.6    | 11.9 | 13.2    | 14.5   | 15.9    | 17.4 | 19.1    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -22.5°  | 8.3     | 8.6  | 9.0     | 9.7    | 10.5    | 11.7 | 13.0    | 14.3   | 15.6    | 17.1 | 18.7    |
| -23.75° | 8.2     | 8.6  | 8.9     | 9.6    | 10.4    | 11.5 | 12.8    | 14.1   | 15.4    | 16.8 | 18.4    |
| -25°    | 8.2     | 8.5  | 8.9     | 9.5    | 10.2    | 11.2 | 12.5    | 13.8   | 15.1    | 16.4 | 18.0    |
| -26.25° | 8.1     | 8.5  | 8.9     | 9.4    | 10.1    | 11.0 | 12.3    | 13.6   | 14.9    | 16.1 | 17.7    |
| -27.5°  | 8.0     | 8.4  | 8.8     | 9.3    | 10.0    | 10.8 | 12.1    | 13.3   | 14.6    | 15.8 | 17.3    |
| -28.75° | 8.0     | 8.4  | 8.7     | 9.2    | 9.9     | 10.6 | 11.8    | 13.0   | 14.3    | 15.5 | 16.9    |
| -30°    | 7.9     | 8.3  | 8.7     | 9.1    | 9.7     | 10.4 | 11.5    | 12.8   | 14.0    | 15.2 | 16.4    |
| -31.25° | 7.8     | 8.3  | 8.6     | 9.0    | 9.6     | 10.3 | 11.2    | 12.5   | 13.7    | 14.9 | 16.1    |
| -32.5°  | 7.8     | 8.2  | 8.6     | 8.9    | 9.5     | 10.1 | 10.9    | 12.1   | 13.3    | 14.5 | 15.7    |
| -33.75° | 7.7     | 8.2  | 8.5     | 8.8    | 9.3     | 10.0 | 10.6    | 11.8   | 13.0    | 14.2 | 15.3    |
| -35°    | 7.6     | 8.1  | 8.4     | 8.8    | 9.2     | 9.8  | 10.5    | 11.5   | 12.6    | 13.8 | 14.9    |
| -36.25° | 7.5     | 8.0  | 8.4     | 8.7    | 9.0     | 9.6  | 10.3    | 11.2   | 12.3    | 13.4 | 14.5    |
| -37.5°  | 7.4     | 7.9  | 8.3     | 8.6    | 8.9     | 9.5  | 10.1    | 10.8   | 11.9    | 13.0 | 14.1    |
| -38.75° | 7.3     | 7.8  | 8.2     | 8.5    | 8.8     | 9.3  | 9.9     | 10.5   | 11.5    | 12.6 | 13.7    |
| -40°    | 7.2     | 7.7  | 8.1     | 8.5    | 8.8     | 9.1  | 9.7     | 10.3   | 11.1    | 12.2 | 13.3    |
| -41.25° | 7.1     | 7.6  | 8.0     | 8.4    | 8.7     | 9.0  | 9.5     | 10.1   | 10.7    | 11.8 | 12.8    |
| -42.5°  | 7.0     | 7.5  | 7.9     | 8.3    | 8.6     | 8.9  | 9.3     | 9.9    | 10.5    | 11.4 | 12.4    |
| -43.75° | 6.9     | 7.4  | 7.8     | 8.2    | 8.5     | 8.8  | 9.1     | 9.7    | 10.2    | 10.9 | 11.9    |
| -45°    | 6.7     | 7.3  | 7.7     | 8.1    | 8.4     | 8.7  | 9.0     | 9.4    | 10.0    | 10.5 | 11.4    |
| -46.25° | 6.5     | 7.1  | 7.6     | 8.0    | 8.3     | 8.6  | 8.8     | 9.2    | 9.7     | 10.3 | 11.0    |
| -47.5°  | 6.4     | 7.0  | 7.4     | 7.8    | 8.2     | 8.5  | 8.7     | 9.0    | 9.5     | 10.0 | 10.5    |
| -48.75° | 6.2     | 6.9  | 7.3     | 7.7    | 8.1     | 8.4  | 8.6     | 8.9    | 9.3     | 9.8  | 10.3    |
| -50°    | 6.0     | 6.6  | 7.2     | 7.5    | 7.9     | 8.3  | 8.5     | 8.8    | 9.0     | 9.5  | 10.0    |
| -51.25° | 5.8     | 6.4  | 7.0     | 7.4    | 7.8     | 8.1  | 8.4     | 8.6    | 8.9     | 9.2  | 9.7     |
| -52.5°  | 5.6     | 6.2  | 6.8     | 7.3    | 7.6     | 8.0  | 8.3     | 8.5    | 8.7     | 9.0  | 9.4     |
| -53.75° | 5.4     | 6.0  | 6.6     | 7.1    | 7.5     | 7.8  | 8.1     | 8.4    | 8.6     | 8.8  | 9.1     |
| -55°    | 5.2     | 5.8  | 6.4     | 6.9    | 7.3     | 7.6  | 8.0     | 8.3    | 8.5     | 8.7  | 8.9     |
| -56.25° | 5.0     | 5.5  | 6.1     | 6.7    | 7.1     | 7.5  | 7.8     | 8.1    | 8.3     | 8.5  | 8.8     |
| -57.5°  | 4.8     | 5.3  | 5.9     | 6.4    | 7.0     | 7.3  | 7.6     | 7.9    | 8.2     | 8.4  | 8.6     |
| -58.75° | 4.6     | 5.1  | 5.6     | 6.1    | 6.7     | 7.1  | 7.4     | 7.7    | 8.0     | 8.3  | 8.4     |
| -60°    | 4.5     | 4.9  | 5.4     | 5.9    | 6.4     | 6.9  | 7.2     | 7.5    | 7.8     | 8.1  | 8.3     |
| -61.25° | 4.3     | 4.7  | 5.1     | 5.6    | 6.1     | 6.6  | 7.0     | 7.3    | 7.6     | 7.8  | 8.1     |
| -62.5°  | 4.1     | 4.5  | 4.9     | 5.3    | 5.8     | 6.2  | 6.7     | 7.1    | 7.3     | 7.6  | 7.9     |
| -63.75° | 4.0     | 4.3  | 4.7     | 5.0    | 5.5     | 5.9  | 6.3     | 6.8    | 7.1     | 7.4  | 7.6     |
| -65°    | 3.8     | 4.1  | 4.4     | 4.8    | 5.2     | 5.6  | 6.0     | 6.4    | 6.8     | 7.1  | 7.4     |
| -66.25° | 3.6     | 3.9  | 4.2     | 4.6    | 4.9     | 5.3  | 5.7     | 6.0    | 6.4     | 6.8  | 7.1     |
| -67.5°  | 3.4     | 3.7  | 4.0     | 4.3    | 4.6     | 4.9  | 5.3     | 5.7    | 6.0     | 6.4  | 6.8     |
| -68.75° | 3.3     | 3.5  | 3.8     | 4.1    | 4.4     | 4.7  | 4.9     | 5.3    | 5.7     | 6.0  | 6.3     |
| -70°    | 3.1     | 3.4  | 3.6     | 3.9    | 4.1     | 4.4  | 4.7     | 4.9    | 5.3     | 5.6  | 5.9     |
| -71.25° | 2.9     | 3.1  | 3.4     | 3.6    | 3.9     | 4.1  | 4.4     | 4.6    | 4.9     | 5.2  | 5.5     |
| -72.5°  | 2.7     | 2.9  | 3.2     | 3.4    | 3.6     | 3.9  | 4.1     | 4.3    | 4.6     | 4.8  | 5.0     |
| -73.75° | 2.5     | 2.7  | 3.0     | 3.2    | 3.4     | 3.6  | 3.8     | 4.0    | 4.2     | 4.4  | 4.7     |
| -75°    | 2.3     | 2.5  | 2.7     | 2.9    | 3.1     | 3.4  | 3.5     | 3.7    | 3.9     | 4.1  | 4.3     |
| -76.25° | 2.1     | 2.3  | 2.5     | 2.7    | 2.9     | 3.1  | 3.3     | 3.4    | 3.6     | 3.8  | 4.0     |
| -77.5°  | 1.9     | 2.1  | 2.3     | 2.4    | 2.6     | 2.8  | 3.0     | 3.1    | 3.3     | 3.5  | 3.6     |



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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° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -78.75° | 1.7     | 1.9  | 2.0     | 2.2    | 2.3     | 2.5  | 2.7     | 2.8    | 3.0     | 3.1  | 3.3     |
| -80°    | 1.5     | 1.7  | 1.8     | 1.9    | 2.1     | 2.2  | 2.4     | 2.5    | 2.6     | 2.8  | 2.9     |
| -81.25° | 1.3     | 1.4  | 1.6     | 1.7    | 1.8     | 1.9  | 2.0     | 2.2    | 2.3     | 2.4  | 2.5     |
| -82.5°  | 1.1     | 1.2  | 1.3     | 1.4    | 1.5     | 1.6  | 1.7     | 1.8    | 1.9     | 2.1  | 2.2     |
| -83.75° | 0.9     | 1.0  | 1.1     | 1.2    | 1.3     | 1.4  | 1.4     | 1.5    | 1.6     | 1.7  | 1.8     |
| -85°    | 0.8     | 0.8  | 0.9     | 1.0    | 1.0     | 1.1  | 1.2     | 1.2    | 1.3     | 1.4  | 1.4     |
| -86.25° | 0.6     | 0.6  | 0.7     | 0.7    | 0.8     | 0.8  | 0.9     | 0.9    | 1.0     | 1.0  | 1.1     |
| -87.5°  | 0.4     | 0.4  | 0.4     | 0.5    | 0.5     | 0.5  | 0.6     | 0.6    | 0.6     | 0.7  | 0.7     |
| -88.75° | 0.2     | 0.2  | 0.2     | 0.2    | 0.3     | 0.3  | 0.3     | 0.3    | 0.3     | 0.3  | 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: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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° | 0.4    | 0.4     | 0.4  | 0.4     | 0.4    | 0.4     | 0.5  | 0.5     | 0.5    | 0.5     | 0.5  |
| 87.5°  | 0.7    | 0.8     | 0.8  | 0.8     | 0.9    | 0.9     | 0.9  | 0.9     | 1.0    | 1.0     | 1.0  |
| 86.25° | 1.1    | 1.2     | 1.2  | 1.2     | 1.3    | 1.3     | 1.4  | 1.4     | 1.5    | 1.5     | 1.5  |
| 85°    | 1.5    | 1.5     | 1.6  | 1.7     | 1.7    | 1.8     | 1.8  | 1.9     | 2.0    | 2.0     | 2.1  |
| 83.75° | 1.9    | 1.9     | 2.0  | 2.1     | 2.2    | 2.3     | 2.3  | 2.4     | 2.5    | 2.6     | 2.6  |
| 82.5°  | 2.2    | 2.3     | 2.4  | 2.5     | 2.6    | 2.7     | 2.8  | 2.9     | 3.0    | 3.1     | 3.2  |
| 81.25° | 2.6    | 2.8     | 2.9  | 3.0     | 3.1    | 3.2     | 3.3  | 3.4     | 3.5    | 3.6     | 3.7  |
| 80°    | 3.0    | 3.2     | 3.3  | 3.4     | 3.5    | 3.6     | 3.8  | 3.9     | 4.0    | 4.1     | 4.2  |
| 78.75° | 3.4    | 3.5     | 3.7  | 3.8     | 4.0    | 4.1     | 4.2  | 4.3     | 4.5    | 4.6     | 4.7  |
| 77.5°  | 3.8    | 3.9     | 4.1  | 4.2     | 4.4    | 4.5     | 4.7  | 4.8     | 5.0    | 5.1     | 5.3  |
| 76.25° | 4.1    | 4.3     | 4.5  | 4.6     | 4.8    | 5.0     | 5.2  | 5.4     | 5.6    | 5.8     | 6.0  |
| 75°    | 4.5    | 4.7     | 4.9  | 5.1     | 5.3    | 5.5     | 5.8  | 6.0     | 6.2    | 6.4     | 6.6  |
| 73.75° | 4.9    | 5.1     | 5.4  | 5.6     | 5.9    | 6.1     | 6.4  | 6.6     | 6.8    | 7.0     | 7.2  |
| 72.5°  | 5.3    | 5.6     | 5.9  | 6.1     | 6.4    | 6.7     | 6.9  | 7.1     | 7.3    | 7.4     | 7.5  |
| 71.25° | 5.8    | 6.1     | 6.4  | 6.7     | 7.0    | 7.1     | 7.3  | 7.5     | 7.6    | 7.8     | 7.9  |
| 70°    | 6.2    | 6.6     | 6.9  | 7.1     | 7.3    | 7.5     | 7.6  | 7.8     | 8.0    | 8.1     | 8.3  |
| 68.75° | 6.7    | 7.0     | 7.2  | 7.4     | 7.6    | 7.8     | 8.0  | 8.1     | 8.3    | 8.4     | 8.5  |
| 67.5°  | 7.1    | 7.3     | 7.5  | 7.7     | 7.9    | 8.1     | 8.3  | 8.4     | 8.5    | 8.6     | 8.8  |
| 66.25° | 7.3    | 7.6     | 7.8  | 8.0     | 8.2    | 8.3     | 8.5  | 8.6     | 8.7    | 8.9     | 9.0  |
| 65°    | 7.6    | 7.8     | 8.1  | 8.3     | 8.4    | 8.5     | 8.7  | 8.8     | 9.0    | 9.2     | 9.5  |
| 63.75° | 7.9    | 8.1     | 8.3  | 8.4     | 8.6    | 8.8     | 8.9  | 9.1     | 9.4    | 9.7     | 10.0 |
| 62.5°  | 8.1    | 8.3     | 8.5  | 8.6     | 8.8    | 9.0     | 9.2  | 9.5     | 9.8    | 10.2    | 10.5 |
| 61.25° | 8.3    | 8.5     | 8.7  | 8.8     | 9.0    | 9.3     | 9.6  | 10.0    | 10.3   | 10.6    | 11.2 |
| 60°    | 8.5    | 8.7     | 8.8  | 9.0     | 9.4    | 9.7     | 10.1 | 10.4    | 10.9   | 11.5    | 12.0 |
| 58.75° | 8.6    | 8.8     | 9.0  | 9.4     | 9.8    | 10.1    | 10.5 | 11.0    | 11.7   | 12.3    | 12.9 |
| 57.5°  | 8.8    | 9.0     | 9.4  | 9.8     | 10.1   | 10.5    | 11.1 | 11.8    | 12.4   | 13.1    | 13.7 |
| 56.25° | 9.0    | 9.3     | 9.7  | 10.1    | 10.5   | 11.2    | 11.9 | 12.5    | 13.2   | 13.9    | 14.6 |
| 55°    | 9.2    | 9.6     | 10.1 | 10.5    | 11.1   | 11.9    | 12.6 | 13.3    | 14.0   | 14.7    | 15.4 |
| 53.75° | 9.5    | 10.0    | 10.4 | 11.0    | 11.8   | 12.5    | 13.3 | 14.0    | 14.8   | 15.5    | 16.2 |
| 52.5°  | 9.8    | 10.3    | 10.9 | 11.7    | 12.4   | 13.2    | 14.0 | 14.8    | 15.5   | 16.3    | 17.2 |
| 51.25° | 10.2   | 10.6    | 11.5 | 12.3    | 13.1   | 13.9    | 14.7 | 15.5    | 16.3   | 17.2    | 18.2 |
| 50°    | 10.5   | 11.2    | 12.0 | 12.9    | 13.7   | 14.6    | 15.4 | 16.2    | 17.2   | 18.2    | 19.1 |
| 48.75° | 10.9   | 11.7    | 12.6 | 13.5    | 14.4   | 15.2    | 16.1 | 17.0    | 18.1   | 19.1    | 20.1 |
| 47.5°  | 11.4   | 12.3    | 13.2 | 14.1    | 15.0   | 15.9    | 16.8 | 17.9    | 19.0   | 20.0    | 20.9 |
| 46.25° | 11.9   | 12.8    | 13.8 | 14.7    | 15.6   | 16.5    | 17.6 | 18.8    | 19.8   | 20.8    | 21.6 |
| 45°    | 12.4   | 13.4    | 14.3 | 15.3    | 16.2   | 17.3    | 18.5 | 19.6    | 20.6   | 21.5    | 22.4 |
| 43.75° | 12.9   | 13.9    | 14.9 | 15.8    | 16.9   | 18.1    | 19.2 | 20.3    | 21.3   | 22.2    | 23.0 |
| 42.5°  | 13.4   | 14.4    | 15.4 | 16.4    | 17.6   | 18.8    | 20.0 | 21.0    | 21.9   | 22.9    | 23.6 |
| 41.25° | 13.9   | 14.9    | 15.9 | 17.1    | 18.3   | 19.6    | 20.6 | 21.6    | 22.6   | 23.4    | 24.1 |
| 40°    | 14.3   | 15.4    | 16.4 | 17.7    | 19.0   | 20.2    | 21.2 | 22.2    | 23.1   | 23.9    | 24.6 |
| 38.75° | 14.8   | 15.9    | 17.0 | 18.4    | 19.7   | 20.8    | 21.8 | 22.9    | 23.6   | 24.3    | 25.1 |
| 37.5°  | 15.2   | 16.3    | 17.7 | 19.0    | 20.3   | 21.3    | 22.4 | 23.3    | 24.1   | 24.8    | 25.5 |
| 36.25° | 15.7   | 16.9    | 18.2 | 19.6    | 20.8   | 21.9    | 22.9 | 23.7    | 24.5   | 25.3    | 26.0 |
| 35°    | 16.1   | 17.4    | 18.8 | 20.2    | 21.3   | 22.4    | 23.3 | 24.1    | 24.9   | 25.7    | 26.4 |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 33.75°  | 16.5   | 17.9    | 19.4 | 20.6    | 21.8   | 22.9    | 23.7 | 24.5    | 25.3   | 26.1    | 26.8 |
| 32.5°   | 17.0   | 18.5    | 19.9 | 21.1    | 22.3   | 23.3    | 24.1 | 24.9    | 25.7   | 26.5    | 27.3 |
| 31.25°  | 17.5   | 19.0    | 20.4 | 21.5    | 22.7   | 23.6    | 24.5 | 25.3    | 26.1   | 26.9    | 27.7 |
| 30°     | 17.9   | 19.4    | 20.8 | 22.0    | 23.1   | 24.0    | 24.8 | 25.6    | 26.5   | 27.3    | 28.1 |
| 28.75°  | 18.4   | 19.9    | 21.2 | 22.4    | 23.4   | 24.3    | 25.2 | 26.0    | 26.8   | 27.6    | 28.4 |
| 27.5°   | 18.8   | 20.3    | 21.5 | 22.8    | 23.7   | 24.6    | 25.5 | 26.3    | 27.1   | 28.0    | 28.8 |
| 26.25°  | 19.2   | 20.6    | 21.9 | 23.1    | 24.0   | 24.9    | 25.8 | 26.6    | 27.5   | 28.3    | 29.1 |
| 25°     | 19.6   | 21.0    | 22.3 | 23.4    | 24.3   | 25.2    | 26.1 | 26.9    | 27.8   | 28.6    | 29.3 |
| 23.75°  | 20.0   | 21.3    | 22.6 | 23.6    | 24.5   | 25.5    | 26.3 | 27.2    | 28.1   | 29.0    | 29.5 |
| 22.5°   | 20.3   | 21.6    | 22.9 | 23.9    | 24.8   | 25.7    | 26.6 | 27.5    | 28.4   | 29.2    | 29.7 |
| 21.25°  | 20.6   | 21.9    | 23.1 | 24.1    | 25.0   | 25.9    | 26.9 | 27.8    | 28.7   | 29.4    | 29.9 |
| 20°     | 20.8   | 22.2    | 23.3 | 24.3    | 25.3   | 26.2    | 27.1 | 28.0    | 28.9   | 29.5    | 30.1 |
| 18.75°  | 21.1   | 22.4    | 23.5 | 24.5    | 25.5   | 26.4    | 27.3 | 28.2    | 29.1   | 29.7    | 30.3 |
| 17.5°   | 21.3   | 22.7    | 23.7 | 24.7    | 25.7   | 26.6    | 27.5 | 28.5    | 29.3   | 29.9    | 30.3 |
| 16.25°  | 21.5   | 22.9    | 23.9 | 24.9    | 25.8   | 26.8    | 27.7 | 28.7    | 29.4   | 30.0    | 30.4 |
| 15°     | 21.7   | 23.1    | 24.1 | 25.1    | 26.0   | 27.0    | 27.9 | 28.9    | 29.5   | 30.1    | 30.4 |
| 13.75°  | 21.9   | 23.2    | 24.2 | 25.2    | 26.2   | 27.1    | 28.1 | 29.0    | 29.7   | 30.3    | 30.5 |
| 12.5°   | 22.1   | 23.3    | 24.3 | 25.3    | 26.3   | 27.3    | 28.2 | 29.1    | 29.8   | 30.3    | 30.5 |
| 11.25°  | 22.2   | 23.4    | 24.5 | 25.5    | 26.4   | 27.4    | 28.4 | 29.2    | 29.9   | 30.4    | 30.6 |
| 10°     | 22.4   | 23.5    | 24.6 | 25.6    | 26.6   | 27.5    | 28.5 | 29.3    | 30.0   | 30.4    | 30.6 |
| 8.75°   | 22.5   | 23.6    | 24.7 | 25.7    | 26.7   | 27.6    | 28.6 | 29.4    | 30.0   | 30.4    | 30.6 |
| 7.5°    | 22.6   | 23.7    | 24.8 | 25.8    | 26.8   | 27.7    | 28.7 | 29.5    | 30.1   | 30.4    | 30.6 |
| 6.25°   | 22.7   | 23.8    | 24.8 | 25.8    | 26.8   | 27.8    | 28.8 | 29.5    | 30.2   | 30.5    | 30.7 |
| 5°      | 22.8   | 23.8    | 24.9 | 25.9    | 26.9   | 27.9    | 28.9 | 29.6    | 30.2   | 30.5    | 30.7 |
| 3.75°   | 22.8   | 23.9    | 24.9 | 25.9    | 26.9   | 27.9    | 28.9 | 29.6    | 30.3   | 30.5    | 30.7 |
| 2.5°    | 22.9   | 23.9    | 25.0 | 26.0    | 27.0   | 28.0    | 29.0 | 29.6    | 30.3   | 30.5    | 30.7 |
| 1.25°   | 22.9   | 23.9    | 25.0 | 26.0    | 27.0   | 28.0    | 29.0 | 29.6    | 30.3   | 30.5    | 30.7 |
| 0°      | 22.9   | 24.0    | 25.0 | 26.0    | 27.0   | 28.0    | 29.0 | 29.7    | 30.3   | 30.5    | 30.7 |
| -1.25°  | 22.9   | 23.9    | 25.0 | 26.0    | 27.0   | 28.0    | 29.0 | 29.6    | 30.3   | 30.5    | 30.7 |
| -2.5°   | 22.9   | 23.9    | 25.0 | 26.0    | 27.0   | 28.0    | 29.0 | 29.6    | 30.3   | 30.5    | 30.7 |
| -3.75°  | 22.8   | 23.9    | 24.9 | 25.9    | 26.9   | 27.9    | 28.9 | 29.6    | 30.3   | 30.5    | 30.7 |
| -5°     | 22.8   | 23.8    | 24.9 | 25.9    | 26.9   | 27.9    | 28.9 | 29.6    | 30.2   | 30.5    | 30.7 |
| -6.25°  | 22.7   | 23.8    | 24.8 | 25.8    | 26.8   | 27.8    | 28.8 | 29.5    | 30.2   | 30.5    | 30.7 |
| -7.5°   | 22.6   | 23.7    | 24.8 | 25.8    | 26.8   | 27.7    | 28.7 | 29.5    | 30.1   | 30.4    | 30.6 |
| -8.75°  | 22.5   | 23.6    | 24.7 | 25.7    | 26.7   | 27.6    | 28.6 | 29.4    | 30.0   | 30.4    | 30.6 |
| -10°    | 22.4   | 23.5    | 24.6 | 25.6    | 26.6   | 27.5    | 28.5 | 29.3    | 30.0   | 30.4    | 30.6 |
| -11.25° | 22.2   | 23.4    | 24.5 | 25.5    | 26.4   | 27.4    | 28.4 | 29.2    | 29.9   | 30.4    | 30.6 |
| -12.5°  | 22.1   | 23.3    | 24.3 | 25.3    | 26.3   | 27.3    | 28.2 | 29.1    | 29.8   | 30.3    | 30.5 |
| -13.75° | 21.9   | 23.2    | 24.2 | 25.2    | 26.2   | 27.1    | 28.1 | 29.0    | 29.7   | 30.3    | 30.5 |
| -15°    | 21.7   | 23.1    | 24.1 | 25.1    | 26.0   | 27.0    | 27.9 | 28.9    | 29.5   | 30.1    | 30.4 |
| -16.25° | 21.5   | 22.9    | 23.9 | 24.9    | 25.8   | 26.8    | 27.7 | 28.7    | 29.4   | 30.0    | 30.4 |
| -17.5°  | 21.3   | 22.7    | 23.7 | 24.7    | 25.7   | 26.6    | 27.5 | 28.5    | 29.3   | 29.9    | 30.3 |
| -18.75° | 21.1   | 22.4    | 23.5 | 24.5    | 25.5   | 26.4    | 27.3 | 28.2    | 29.1   | 29.7    | 30.3 |
| -20°    | 20.8   | 22.2    | 23.3 | 24.3    | 25.3   | 26.2    | 27.1 | 28.0    | 28.9   | 29.5    | 30.1 |
| -21.25° | 20.6   | 21.9    | 23.1 | 24.1    | 25.0   | 25.9    | 26.9 | 27.8    | 28.7   | 29.4    | 29.9 |





REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -22.5°  | 20.3   | 21.6    | 22.9 | 23.9    | 24.8   | 25.7    | 26.6 | 27.5    | 28.4   | 29.2    | 29.7 |
| -23.75° | 20.0   | 21.3    | 22.6 | 23.6    | 24.5   | 25.5    | 26.3 | 27.2    | 28.1   | 29.0    | 29.5 |
| -25°    | 19.6   | 21.0    | 22.3 | 23.4    | 24.3   | 25.2    | 26.1 | 26.9    | 27.8   | 28.6    | 29.3 |
| -26.25° | 19.2   | 20.6    | 21.9 | 23.1    | 24.0   | 24.9    | 25.8 | 26.6    | 27.5   | 28.3    | 29.1 |
| -27.5°  | 18.8   | 20.3    | 21.5 | 22.8    | 23.7   | 24.6    | 25.5 | 26.3    | 27.1   | 28.0    | 28.8 |
| -28.75° | 18.4   | 19.9    | 21.2 | 22.4    | 23.4   | 24.3    | 25.2 | 26.0    | 26.8   | 27.6    | 28.4 |
| -30°    | 17.9   | 19.4    | 20.8 | 22.0    | 23.1   | 24.0    | 24.8 | 25.6    | 26.5   | 27.3    | 28.1 |
| -31.25° | 17.5   | 19.0    | 20.4 | 21.5    | 22.7   | 23.6    | 24.5 | 25.3    | 26.1   | 26.9    | 27.7 |
| -32.5°  | 17.0   | 18.5    | 19.9 | 21.1    | 22.3   | 23.3    | 24.1 | 24.9    | 25.7   | 26.5    | 27.3 |
| -33.75° | 16.5   | 17.9    | 19.4 | 20.6    | 21.8   | 22.9    | 23.7 | 24.5    | 25.3   | 26.1    | 26.8 |
| -35°    | 16.1   | 17.4    | 18.8 | 20.2    | 21.3   | 22.4    | 23.3 | 24.1    | 24.9   | 25.7    | 26.4 |
| -36.25° | 15.7   | 16.9    | 18.2 | 19.6    | 20.8   | 21.9    | 22.9 | 23.7    | 24.5   | 25.3    | 26.0 |
| -37.5°  | 15.2   | 16.3    | 17.7 | 19.0    | 20.3   | 21.3    | 22.4 | 23.3    | 24.1   | 24.8    | 25.5 |
| -38.75° | 14.8   | 15.9    | 17.0 | 18.4    | 19.7   | 20.8    | 21.8 | 22.9    | 23.6   | 24.3    | 25.1 |
| -40°    | 14.3   | 15.4    | 16.4 | 17.7    | 19.0   | 20.2    | 21.2 | 22.2    | 23.1   | 23.9    | 24.6 |
| -41.25° | 13.9   | 14.9    | 15.9 | 17.1    | 18.3   | 19.6    | 20.6 | 21.6    | 22.6   | 23.4    | 24.1 |
| -42.5°  | 13.4   | 14.4    | 15.4 | 16.4    | 17.6   | 18.8    | 20.0 | 21.0    | 21.9   | 22.9    | 23.6 |
| -43.75° | 12.9   | 13.9    | 14.9 | 15.8    | 16.9   | 18.1    | 19.2 | 20.3    | 21.3   | 22.2    | 23.0 |
| -45°    | 12.4   | 13.4    | 14.3 | 15.3    | 16.2   | 17.3    | 18.5 | 19.6    | 20.6   | 21.5    | 22.4 |
| -46.25° | 11.9   | 12.8    | 13.8 | 14.7    | 15.6   | 16.5    | 17.6 | 18.8    | 19.8   | 20.8    | 21.6 |
| -47.5°  | 11.4   | 12.3    | 13.2 | 14.1    | 15.0   | 15.9    | 16.8 | 17.9    | 19.0   | 20.0    | 20.9 |
| -48.75° | 10.9   | 11.7    | 12.6 | 13.5    | 14.4   | 15.2    | 16.1 | 17.0    | 18.1   | 19.1    | 20.1 |
| -50°    | 10.5   | 11.2    | 12.0 | 12.9    | 13.7   | 14.6    | 15.4 | 16.2    | 17.2   | 18.2    | 19.1 |
| -51.25° | 10.2   | 10.6    | 11.5 | 12.3    | 13.1   | 13.9    | 14.7 | 15.5    | 16.3   | 17.2    | 18.2 |
| -52.5°  | 9.8    | 10.3    | 10.9 | 11.7    | 12.4   | 13.2    | 14.0 | 14.8    | 15.5   | 16.3    | 17.2 |
| -53.75° | 9.5    | 10.0    | 10.4 | 11.0    | 11.8   | 12.5    | 13.3 | 14.0    | 14.8   | 15.5    | 16.2 |
| -55°    | 9.2    | 9.6     | 10.1 | 10.5    | 11.1   | 11.9    | 12.6 | 13.3    | 14.0   | 14.7    | 15.4 |
| -56.25° | 9.0    | 9.3     | 9.7  | 10.1    | 10.5   | 11.2    | 11.9 | 12.5    | 13.2   | 13.9    | 14.6 |
| -57.5°  | 8.8    | 9.0     | 9.4  | 9.8     | 10.1   | 10.5    | 11.1 | 11.8    | 12.4   | 13.1    | 13.7 |
| -58.75° | 8.6    | 8.8     | 9.0  | 9.4     | 9.8    | 10.1    | 10.5 | 11.0    | 11.7   | 12.3    | 12.9 |
| -60°    | 8.5    | 8.7     | 8.8  | 9.0     | 9.4    | 9.7     | 10.1 | 10.4    | 10.9   | 11.5    | 12.0 |
| -61.25° | 8.3    | 8.5     | 8.7  | 8.8     | 9.0    | 9.3     | 9.6  | 10.0    | 10.3   | 10.6    | 11.2 |
| -62.5°  | 8.1    | 8.3     | 8.5  | 8.6     | 8.8    | 9.0     | 9.2  | 9.5     | 9.8    | 10.2    | 10.5 |
| -63.75° | 7.9    | 8.1     | 8.3  | 8.4     | 8.6    | 8.8     | 8.9  | 9.1     | 9.4    | 9.7     | 10.0 |
| -65°    | 7.6    | 7.8     | 8.1  | 8.3     | 8.4    | 8.5     | 8.7  | 8.8     | 9.0    | 9.2     | 9.5  |
| -66.25° | 7.3    | 7.6     | 7.8  | 8.0     | 8.2    | 8.3     | 8.5  | 8.6     | 8.7    | 8.9     | 9.0  |
| -67.5°  | 7.1    | 7.3     | 7.5  | 7.7     | 7.9    | 8.1     | 8.3  | 8.4     | 8.5    | 8.6     | 8.8  |
| -68.75° | 6.7    | 7.0     | 7.2  | 7.4     | 7.6    | 7.8     | 8.0  | 8.1     | 8.3    | 8.4     | 8.5  |
| -70°    | 6.2    | 6.6     | 6.9  | 7.1     | 7.3    | 7.5     | 7.6  | 7.8     | 8.0    | 8.1     | 8.3  |
| -71.25° | 5.8    | 6.1     | 6.4  | 6.7     | 7.0    | 7.1     | 7.3  | 7.5     | 7.6    | 7.8     | 7.9  |
| -72.5°  | 5.3    | 5.6     | 5.9  | 6.1     | 6.4    | 6.7     | 6.9  | 7.1     | 7.3    | 7.4     | 7.5  |
| -73.75° | 4.9    | 5.1     | 5.4  | 5.6     | 5.9    | 6.1     | 6.4  | 6.6     | 6.8    | 7.0     | 7.2  |
| -75°    | 4.5    | 4.7     | 4.9  | 5.1     | 5.3    | 5.5     | 5.8  | 6.0     | 6.2    | 6.4     | 6.6  |
| -76.25° | 4.1    | 4.3     | 4.5  | 4.6     | 4.8    | 5.0     | 5.2  | 5.4     | 5.6    | 5.8     | 6.0  |
| -77.5°  | 3.8    | 3.9     | 4.1  | 4.2     | 4.4    | 4.5     | 4.7  | 4.8     | 5.0    | 5.1     | 5.3  |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -78.75° | 3.4    | 3.5     | 3.7  | 3.8     | 4.0    | 4.1     | 4.2  | 4.3     | 4.5    | 4.6     | 4.7  |
| -80°    | 3.0    | 3.2     | 3.3  | 3.4     | 3.5    | 3.6     | 3.8  | 3.9     | 4.0    | 4.1     | 4.2  |
| -81.25° | 2.6    | 2.8     | 2.9  | 3.0     | 3.1    | 3.2     | 3.3  | 3.4     | 3.5    | 3.6     | 3.7  |
| -82.5°  | 2.2    | 2.3     | 2.4  | 2.5     | 2.6    | 2.7     | 2.8  | 2.9     | 3.0    | 3.1     | 3.2  |
| -83.75° | 1.9    | 1.9     | 2.0  | 2.1     | 2.2    | 2.3     | 2.3  | 2.4     | 2.5    | 2.6     | 2.6  |
| -85°    | 1.5    | 1.5     | 1.6  | 1.7     | 1.7    | 1.8     | 1.8  | 1.9     | 2.0    | 2.0     | 2.1  |
| -86.25° | 1.1    | 1.2     | 1.2  | 1.2     | 1.3    | 1.3     | 1.4  | 1.4     | 1.5    | 1.5     | 1.5  |
| -87.5°  | 0.7    | 0.8     | 0.8  | 0.8     | 0.9    | 0.9     | 0.9  | 0.9     | 1.0    | 1.0     | 1.0  |
| -88.75° | 0.4    | 0.4     | 0.4  | 0.4     | 0.4    | 0.4     | 0.5  | 0.5     | 0.5    | 0.5     | 0.5  |
| -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: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**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° | 0.5     | 0.5    | 0.6     | 0.6  | 0.6     | 0.6    | 0.6     | 0.6  | 0.6     | 0.6    | 0.6     |
| 87.5°  | 1.1     | 1.1    | 1.1     | 1.1  | 1.2     | 1.2    | 1.2     | 1.2  | 1.2     | 1.3    | 1.3     |
| 86.25° | 1.6     | 1.6    | 1.7     | 1.7  | 1.7     | 1.8    | 1.8     | 1.9  | 1.9     | 1.9    | 2.0     |
| 85°    | 2.1     | 2.2    | 2.2     | 2.3  | 2.4     | 2.4    | 2.5     | 2.5  | 2.6     | 2.6    | 2.6     |
| 83.75° | 2.7     | 2.8    | 2.8     | 2.9  | 3.0     | 3.0    | 3.1     | 3.2  | 3.2     | 3.3    | 3.3     |
| 82.5°  | 3.3     | 3.3    | 3.4     | 3.5  | 3.6     | 3.6    | 3.7     | 3.8  | 3.8     | 3.9    | 4.0     |
| 81.25° | 3.8     | 3.9    | 4.0     | 4.1  | 4.1     | 4.2    | 4.3     | 4.4  | 4.5     | 4.5    | 4.6     |
| 80°    | 4.3     | 4.4    | 4.5     | 4.6  | 4.7     | 4.8    | 4.9     | 5.0  | 5.1     | 5.3    | 5.4     |
| 78.75° | 4.8     | 5.0    | 5.1     | 5.3  | 5.4     | 5.5    | 5.7     | 5.8  | 6.0     | 6.1    | 6.2     |
| 77.5°  | 5.5     | 5.7    | 5.8     | 6.0  | 6.2     | 6.3    | 6.5     | 6.6  | 6.8     | 6.9    | 7.0     |
| 76.25° | 6.2     | 6.4    | 6.5     | 6.7  | 6.9     | 7.0    | 7.1     | 7.2  | 7.3     | 7.4    | 7.5     |
| 75°    | 6.9     | 7.0    | 7.1     | 7.3  | 7.4     | 7.5    | 7.6     | 7.7  | 7.8     | 7.9    | 8.0     |
| 73.75° | 7.3     | 7.4    | 7.6     | 7.7  | 7.8     | 7.9    | 8.0     | 8.1  | 8.2     | 8.3    | 8.4     |
| 72.5°  | 7.7     | 7.8    | 8.0     | 8.1  | 8.2     | 8.3    | 8.4     | 8.5  | 8.5     | 8.6    | 8.7     |
| 71.25° | 8.1     | 8.2    | 8.3     | 8.4  | 8.5     | 8.6    | 8.7     | 8.8  | 8.8     | 8.9    | 9.0     |
| 70°    | 8.4     | 8.5    | 8.6     | 8.7  | 8.8     | 8.9    | 9.0     | 9.1  | 9.3     | 9.5    | 9.6     |
| 68.75° | 8.6     | 8.7    | 8.8     | 9.0  | 9.1     | 9.3    | 9.5     | 9.7  | 9.9     | 10.1   | 10.3    |
| 67.5°  | 8.9     | 9.0    | 9.2     | 9.4  | 9.7     | 9.9    | 10.1    | 10.3 | 10.5    | 10.8   | 11.2    |
| 66.25° | 9.3     | 9.5    | 9.7     | 10.0 | 10.2    | 10.5   | 10.7    | 11.1 | 11.5    | 11.9   | 12.3    |
| 65°    | 9.8     | 10.0   | 10.3    | 10.5 | 10.9    | 11.4   | 11.8    | 12.2 | 12.6    | 13.0   | 13.4    |
| 63.75° | 10.3    | 10.5   | 11.0    | 11.4 | 11.9    | 12.4   | 12.8    | 13.3 | 13.7    | 14.1   | 14.5    |
| 62.5°  | 10.9    | 11.4   | 11.9    | 12.4 | 12.9    | 13.4   | 13.9    | 14.3 | 14.8    | 15.2   | 15.7    |
| 61.25° | 11.7    | 12.3   | 12.8    | 13.4 | 13.9    | 14.4   | 14.9    | 15.4 | 15.9    | 16.3   | 16.9    |
| 60°    | 12.6    | 13.2   | 13.8    | 14.3 | 14.9    | 15.4   | 15.9    | 16.4 | 17.0    | 17.7   | 18.2    |
| 58.75° | 13.5    | 14.1   | 14.7    | 15.3 | 15.8    | 16.4   | 17.1    | 17.7 | 18.4    | 19.0   | 19.6    |
| 57.5°  | 14.4    | 15.0   | 15.6    | 16.2 | 16.9    | 17.6   | 18.3    | 19.0 | 19.7    | 20.3   | 20.8    |
| 56.25° | 15.2    | 15.9   | 16.5    | 17.3 | 18.1    | 18.8   | 19.6    | 20.2 | 20.8    | 21.3   | 21.9    |
| 55°    | 16.1    | 16.8   | 17.6    | 18.5 | 19.2    | 20.0   | 20.6    | 21.2 | 21.8    | 22.4   | 22.9    |
| 53.75° | 17.0    | 17.9   | 18.8    | 19.6 | 20.3    | 21.0   | 21.6    | 22.2 | 22.9    | 23.3   | 23.7    |
| 52.5°  | 18.1    | 19.0   | 19.8    | 20.6 | 21.3    | 21.9   | 22.6    | 23.1 | 23.6    | 24.1   | 24.5    |
| 51.25° | 19.1    | 20.0   | 20.8    | 21.5 | 22.2    | 22.9   | 23.4    | 23.9 | 24.3    | 24.8   | 25.3    |
| 50°    | 20.1    | 20.9   | 21.6    | 22.4 | 23.0    | 23.6   | 24.1    | 24.6 | 25.1    | 25.5   | 26.0    |
| 48.75° | 20.9    | 21.7   | 22.5    | 23.1 | 23.7    | 24.2   | 24.8    | 25.3 | 25.8    | 26.2   | 26.7    |
| 47.5°  | 21.7    | 22.5   | 23.2    | 23.8 | 24.3    | 24.9   | 25.4    | 25.9 | 26.4    | 26.9   | 27.4    |
| 46.25° | 22.5    | 23.2   | 23.8    | 24.4 | 25.0    | 25.5   | 26.1    | 26.6 | 27.1    | 27.6   | 28.1    |
| 45°    | 23.1    | 23.8   | 24.4    | 25.0 | 25.6    | 26.1   | 26.7    | 27.2 | 27.8    | 28.3   | 28.8    |
| 43.75° | 23.7    | 24.3   | 25.0    | 25.6 | 26.2    | 26.7   | 27.3    | 27.9 | 28.4    | 29.0   | 29.3    |
| 42.5°  | 24.2    | 24.9   | 25.5    | 26.1 | 26.7    | 27.3   | 27.9    | 28.5 | 29.1    | 29.4   | 29.8    |
| 41.25° | 24.8    | 25.4   | 26.1    | 26.7 | 27.3    | 27.9   | 28.5    | 29.1 | 29.5    | 29.8   | 30.2    |
| 40°    | 25.3    | 25.9   | 26.6    | 27.2 | 27.9    | 28.5   | 29.1    | 29.5 | 29.9    | 30.3   | 30.4    |
| 38.75° | 25.8    | 26.4   | 27.1    | 27.8 | 28.4    | 29.1   | 29.5    | 29.9 | 30.3    | 30.4   | 30.5    |
| 37.5°  | 26.2    | 26.9   | 27.6    | 28.3 | 29.0    | 29.4   | 29.8    | 30.3 | 30.4    | 30.5   | 30.7    |
| 36.25° | 26.7    | 27.4   | 28.1    | 28.8 | 29.3    | 29.8   | 30.2    | 30.4 | 30.5    | 30.7   | 30.9    |
| 35°    | 27.2    | 27.9   | 28.6    | 29.2 | 29.7    | 30.1   | 30.4    | 30.5 | 30.7    | 30.9   | 31.1    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 33.75°  | 27.6    | 28.3   | 29.1    | 29.5 | 30.0    | 30.3   | 30.5    | 30.6 | 30.8    | 31.1   | 31.4    |
| 32.5°   | 28.0    | 28.8   | 29.4    | 29.8 | 30.3    | 30.5   | 30.6    | 30.8 | 31.1    | 31.3   | 31.6    |
| 31.25°  | 28.4    | 29.1   | 29.6    | 30.1 | 30.4    | 30.6   | 30.7    | 31.0 | 31.3    | 31.5   | 31.7    |
| 30°     | 28.9    | 29.4   | 29.9    | 30.3 | 30.5    | 30.6   | 30.9    | 31.2 | 31.5    | 31.6   | 31.8    |
| 28.75°  | 29.2    | 29.7   | 30.2    | 30.4 | 30.6    | 30.8   | 31.1    | 31.4 | 31.6    | 31.8   | 31.9    |
| 27.5°   | 29.4    | 29.9   | 30.4    | 30.5 | 30.7    | 31.0   | 31.3    | 31.5 | 31.7    | 31.9   | 32.1    |
| 26.25°  | 29.7    | 30.2   | 30.4    | 30.6 | 30.8    | 31.1   | 31.5    | 31.6 | 31.8    | 32.0   | 32.3    |
| 25°     | 29.9    | 30.3   | 30.5    | 30.7 | 31.0    | 31.3   | 31.6    | 31.7 | 31.9    | 32.2   | 32.5    |
| 23.75°  | 30.1    | 30.4   | 30.6    | 30.8 | 31.1    | 31.5   | 31.7    | 31.8 | 32.1    | 32.4   | 32.7    |
| 22.5°   | 30.3    | 30.5   | 30.7    | 31.0 | 31.3    | 31.6   | 31.7    | 31.9 | 32.3    | 32.6   | 32.9    |
| 21.25°  | 30.4    | 30.5   | 30.7    | 31.1 | 31.4    | 31.6   | 31.8    | 32.1 | 32.4    | 32.8   | 33.1    |
| 20°     | 30.4    | 30.6   | 30.9    | 31.2 | 31.5    | 31.7   | 31.9    | 32.2 | 32.6    | 32.9   | 33.3    |
| 18.75°  | 30.5    | 30.7   | 31.0    | 31.4 | 31.6    | 31.8   | 32.0    | 32.4 | 32.7    | 33.1   | 33.4    |
| 17.5°   | 30.5    | 30.7   | 31.1    | 31.5 | 31.7    | 31.8   | 32.2    | 32.5 | 32.9    | 33.2   | 33.7    |
| 16.25°  | 30.6    | 30.8   | 31.2    | 31.5 | 31.7    | 31.9   | 32.3    | 32.7 | 33.0    | 33.4   | 34.0    |
| 15°     | 30.6    | 30.9   | 31.3    | 31.6 | 31.8    | 32.0   | 32.4    | 32.8 | 33.1    | 33.5   | 34.3    |
| 13.75°  | 30.7    | 31.0   | 31.4    | 31.6 | 31.8    | 32.1   | 32.5    | 32.9 | 33.3    | 33.8   | 34.6    |
| 12.5°   | 30.7    | 31.1   | 31.5    | 31.7 | 31.9    | 32.2   | 32.6    | 33.0 | 33.4    | 34.0   | 34.8    |
| 11.25°  | 30.8    | 31.2   | 31.5    | 31.7 | 31.9    | 32.3   | 32.7    | 33.1 | 33.5    | 34.2   | 35.0    |
| 10°     | 30.9    | 31.2   | 31.6    | 31.8 | 32.0    | 32.4   | 32.8    | 33.2 | 33.6    | 34.4   | 35.3    |
| 8.75°   | 30.9    | 31.3   | 31.6    | 31.8 | 32.1    | 32.5   | 32.9    | 33.2 | 33.8    | 34.6   | 35.8    |
| 7.5°    | 31.0    | 31.4   | 31.6    | 31.8 | 32.1    | 32.5   | 32.9    | 33.3 | 33.9    | 34.8   | 36.2    |
| 6.25°   | 31.0    | 31.4   | 31.6    | 31.8 | 32.2    | 32.6   | 33.0    | 33.4 | 34.1    | 34.9   | 36.5    |
| 5°      | 31.0    | 31.4   | 31.7    | 31.9 | 32.2    | 32.6   | 33.0    | 33.4 | 34.2    | 35.0   | 36.8    |
| 3.75°   | 31.1    | 31.5   | 31.7    | 31.9 | 32.3    | 32.7   | 33.1    | 33.5 | 34.2    | 35.1   | 37.0    |
| 2.5°    | 31.1    | 31.5   | 31.7    | 31.9 | 32.3    | 32.7   | 33.1    | 33.5 | 34.3    | 35.2   | 37.1    |
| 1.25°   | 31.1    | 31.5   | 31.7    | 31.9 | 32.3    | 32.7   | 33.1    | 33.5 | 34.3    | 35.2   | 37.2    |
| 0°      | 31.1    | 31.5   | 31.7    | 31.9 | 32.3    | 32.7   | 33.1    | 33.5 | 34.4    | 35.2   | 37.3    |
| -1.25°  | 31.1    | 31.5   | 31.7    | 31.9 | 32.3    | 32.7   | 33.1    | 33.5 | 34.3    | 35.2   | 37.2    |
| -2.5°   | 31.1    | 31.5   | 31.7    | 31.9 | 32.3    | 32.7   | 33.1    | 33.5 | 34.3    | 35.2   | 37.1    |
| -3.75°  | 31.1    | 31.5   | 31.7    | 31.9 | 32.3    | 32.7   | 33.1    | 33.5 | 34.2    | 35.1   | 37.0    |
| -5°     | 31.0    | 31.4   | 31.7    | 31.9 | 32.2    | 32.6   | 33.0    | 33.4 | 34.2    | 35.0   | 36.8    |
| -6.25°  | 31.0    | 31.4   | 31.6    | 31.8 | 32.2    | 32.6   | 33.0    | 33.4 | 34.1    | 34.9   | 36.5    |
| -7.5°   | 31.0    | 31.4   | 31.6    | 31.8 | 32.1    | 32.5   | 32.9    | 33.3 | 33.9    | 34.8   | 36.2    |
| -8.75°  | 30.9    | 31.3   | 31.6    | 31.8 | 32.1    | 32.5   | 32.9    | 33.2 | 33.8    | 34.6   | 35.8    |
| -10°    | 30.9    | 31.2   | 31.6    | 31.8 | 32.0    | 32.4   | 32.8    | 33.2 | 33.6    | 34.4   | 35.3    |
| -11.25° | 30.8    | 31.2   | 31.5    | 31.7 | 31.9    | 32.3   | 32.7    | 33.1 | 33.5    | 34.2   | 35.0    |
| -12.5°  | 30.7    | 31.1   | 31.5    | 31.7 | 31.9    | 32.2   | 32.6    | 33.0 | 33.4    | 34.0   | 34.8    |
| -13.75° | 30.7    | 31.0   | 31.4    | 31.6 | 31.8    | 32.1   | 32.5    | 32.9 | 33.3    | 33.8   | 34.6    |
| -15°    | 30.6    | 30.9   | 31.3    | 31.6 | 31.8    | 32.0   | 32.4    | 32.8 | 33.1    | 33.5   | 34.3    |
| -16.25° | 30.6    | 30.8   | 31.2    | 31.5 | 31.7    | 31.9   | 32.3    | 32.7 | 33.0    | 33.4   | 34.0    |
| -17.5°  | 30.5    | 30.7   | 31.1    | 31.5 | 31.7    | 31.8   | 32.2    | 32.5 | 32.9    | 33.2   | 33.7    |
| -18.75° | 30.5    | 30.7   | 31.0    | 31.4 | 31.6    | 31.8   | 32.0    | 32.4 | 32.7    | 33.1   | 33.4    |
| -20°    | 30.4    | 30.6   | 30.9    | 31.2 | 31.5    | 31.7   | 31.9    | 32.2 | 32.6    | 32.9   | 33.3    |
| -21.25° | 30.4    | 30.5   | 30.7    | 31.1 | 31.4    | 31.6   | 31.8    | 32.1 | 32.4    | 32.8   | 33.1    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -22.5°  | 30.3    | 30.5   | 30.7    | 31.0 | 31.3    | 31.6   | 31.7    | 31.9 | 32.3    | 32.6   | 32.9    |
| -23.75° | 30.1    | 30.4   | 30.6    | 30.8 | 31.1    | 31.5   | 31.7    | 31.8 | 32.1    | 32.4   | 32.7    |
| -25°    | 29.9    | 30.3   | 30.5    | 30.7 | 31.0    | 31.3   | 31.6    | 31.7 | 31.9    | 32.2   | 32.5    |
| -26.25° | 29.7    | 30.2   | 30.4    | 30.6 | 30.8    | 31.1   | 31.5    | 31.6 | 31.8    | 32.0   | 32.3    |
| -27.5°  | 29.4    | 29.9   | 30.4    | 30.5 | 30.7    | 31.0   | 31.3    | 31.5 | 31.7    | 31.9   | 32.1    |
| -28.75° | 29.2    | 29.7   | 30.2    | 30.4 | 30.6    | 30.8   | 31.1    | 31.4 | 31.6    | 31.8   | 31.9    |
| -30°    | 28.9    | 29.4   | 29.9    | 30.3 | 30.5    | 30.6   | 30.9    | 31.2 | 31.5    | 31.6   | 31.8    |
| -31.25° | 28.4    | 29.1   | 29.6    | 30.1 | 30.4    | 30.6   | 30.7    | 31.0 | 31.3    | 31.5   | 31.7    |
| -32.5°  | 28.0    | 28.8   | 29.4    | 29.8 | 30.3    | 30.5   | 30.6    | 30.8 | 31.1    | 31.3   | 31.6    |
| -33.75° | 27.6    | 28.3   | 29.1    | 29.5 | 30.0    | 30.3   | 30.5    | 30.6 | 30.8    | 31.1   | 31.4    |
| -35°    | 27.2    | 27.9   | 28.6    | 29.2 | 29.7    | 30.1   | 30.4    | 30.5 | 30.7    | 30.9   | 31.1    |
| -36.25° | 26.7    | 27.4   | 28.1    | 28.8 | 29.3    | 29.8   | 30.2    | 30.4 | 30.5    | 30.7   | 30.9    |
| -37.5°  | 26.2    | 26.9   | 27.6    | 28.3 | 29.0    | 29.4   | 29.8    | 30.3 | 30.4    | 30.5   | 30.7    |
| -38.75° | 25.8    | 26.4   | 27.1    | 27.8 | 28.4    | 29.1   | 29.5    | 29.9 | 30.3    | 30.4   | 30.5    |
| -40°    | 25.3    | 25.9   | 26.6    | 27.2 | 27.9    | 28.5   | 29.1    | 29.5 | 29.9    | 30.3   | 30.4    |
| -41.25° | 24.8    | 25.4   | 26.1    | 26.7 | 27.3    | 27.9   | 28.5    | 29.1 | 29.5    | 29.8   | 30.2    |
| -42.5°  | 24.2    | 24.9   | 25.5    | 26.1 | 26.7    | 27.3   | 27.9    | 28.5 | 29.1    | 29.4   | 29.8    |
| -43.75° | 23.7    | 24.3   | 25.0    | 25.6 | 26.2    | 26.7   | 27.3    | 27.9 | 28.4    | 29.0   | 29.3    |
| -45°    | 23.1    | 23.8   | 24.4    | 25.0 | 25.6    | 26.1   | 26.7    | 27.2 | 27.8    | 28.3   | 28.8    |
| -46.25° | 22.5    | 23.2   | 23.8    | 24.4 | 25.0    | 25.5   | 26.1    | 26.6 | 27.1    | 27.6   | 28.1    |
| -47.5°  | 21.7    | 22.5   | 23.2    | 23.8 | 24.3    | 24.9   | 25.4    | 25.9 | 26.4    | 26.9   | 27.4    |
| -48.75° | 20.9    | 21.7   | 22.5    | 23.1 | 23.7    | 24.2   | 24.8    | 25.3 | 25.8    | 26.2   | 26.7    |
| -50°    | 20.1    | 20.9   | 21.6    | 22.4 | 23.0    | 23.6   | 24.1    | 24.6 | 25.1    | 25.5   | 26.0    |
| -51.25° | 19.1    | 20.0   | 20.8    | 21.5 | 22.2    | 22.9   | 23.4    | 23.9 | 24.3    | 24.8   | 25.3    |
| -52.5°  | 18.1    | 19.0   | 19.8    | 20.6 | 21.3    | 21.9   | 22.6    | 23.1 | 23.6    | 24.1   | 24.5    |
| -53.75° | 17.0    | 17.9   | 18.8    | 19.6 | 20.3    | 21.0   | 21.6    | 22.2 | 22.9    | 23.3   | 23.7    |
| -55°    | 16.1    | 16.8   | 17.6    | 18.5 | 19.2    | 20.0   | 20.6    | 21.2 | 21.8    | 22.4   | 22.9    |
| -56.25° | 15.2    | 15.9   | 16.5    | 17.3 | 18.1    | 18.8   | 19.6    | 20.2 | 20.8    | 21.3   | 21.9    |
| -57.5°  | 14.4    | 15.0   | 15.6    | 16.2 | 16.9    | 17.6   | 18.3    | 19.0 | 19.7    | 20.3   | 20.8    |
| -58.75° | 13.5    | 14.1   | 14.7    | 15.3 | 15.8    | 16.4   | 17.1    | 17.7 | 18.4    | 19.0   | 19.6    |
| -60°    | 12.6    | 13.2   | 13.8    | 14.3 | 14.9    | 15.4   | 15.9    | 16.4 | 17.0    | 17.7   | 18.2    |
| -61.25° | 11.7    | 12.3   | 12.8    | 13.4 | 13.9    | 14.4   | 14.9    | 15.4 | 15.9    | 16.3   | 16.9    |
| -62.5°  | 10.9    | 11.4   | 11.9    | 12.4 | 12.9    | 13.4   | 13.9    | 14.3 | 14.8    | 15.2   | 15.7    |
| -63.75° | 10.3    | 10.5   | 11.0    | 11.4 | 11.9    | 12.4   | 12.8    | 13.3 | 13.7    | 14.1   | 14.5    |
| -65°    | 9.8     | 10.0   | 10.3    | 10.5 | 10.9    | 11.4   | 11.8    | 12.2 | 12.6    | 13.0   | 13.4    |
| -66.25° | 9.3     | 9.5    | 9.7     | 10.0 | 10.2    | 10.5   | 10.7    | 11.1 | 11.5    | 11.9   | 12.3    |
| -67.5°  | 8.9     | 9.0    | 9.2     | 9.4  | 9.7     | 9.9    | 10.1    | 10.3 | 10.5    | 10.8   | 11.2    |
| -68.75° | 8.6     | 8.7    | 8.8     | 9.0  | 9.1     | 9.3    | 9.5     | 9.7  | 9.9     | 10.1   | 10.3    |
| -70°    | 8.4     | 8.5    | 8.6     | 8.7  | 8.8     | 8.9    | 9.0     | 9.1  | 9.3     | 9.5    | 9.6     |
| -71.25° | 8.1     | 8.2    | 8.3     | 8.4  | 8.5     | 8.6    | 8.7     | 8.8  | 8.8     | 8.9    | 9.0     |
| -72.5°  | 7.7     | 7.8    | 8.0     | 8.1  | 8.2     | 8.3    | 8.4     | 8.5  | 8.5     | 8.6    | 8.7     |
| -73.75° | 7.3     | 7.4    | 7.6     | 7.7  | 7.8     | 7.9    | 8.0     | 8.1  | 8.2     | 8.3    | 8.4     |
| -75°    | 6.9     | 7.0    | 7.1     | 7.3  | 7.4     | 7.5    | 7.6     | 7.7  | 7.8     | 7.9    | 8.0     |
| -76.25° | 6.2     | 6.4    | 6.5     | 6.7  | 6.9     | 7.0    | 7.1     | 7.2  | 7.3     | 7.4    | 7.5     |
| -77.5°  | 5.5     | 5.7    | 5.8     | 6.0  | 6.2     | 6.3    | 6.5     | 6.6  | 6.8     | 6.9    | 7.0     |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -78.75° | 4.8     | 5.0    | 5.1     | 5.3  | 5.4     | 5.5    | 5.7     | 5.8  | 6.0     | 6.1    | 6.2     |
| -80°    | 4.3     | 4.4    | 4.5     | 4.6  | 4.7     | 4.8    | 4.9     | 5.0  | 5.1     | 5.3    | 5.4     |
| -81.25° | 3.8     | 3.9    | 4.0     | 4.1  | 4.1     | 4.2    | 4.3     | 4.4  | 4.5     | 4.5    | 4.6     |
| -82.5°  | 3.3     | 3.3    | 3.4     | 3.5  | 3.6     | 3.6    | 3.7     | 3.8  | 3.8     | 3.9    | 4.0     |
| -83.75° | 2.7     | 2.8    | 2.8     | 2.9  | 3.0     | 3.0    | 3.1     | 3.2  | 3.2     | 3.3    | 3.3     |
| -85°    | 2.1     | 2.2    | 2.2     | 2.3  | 2.4     | 2.4    | 2.5     | 2.5  | 2.6     | 2.6    | 2.6     |
| -86.25° | 1.6     | 1.6    | 1.7     | 1.7  | 1.7     | 1.8    | 1.8     | 1.9  | 1.9     | 1.9    | 2.0     |
| -87.5°  | 1.1     | 1.1    | 1.1     | 1.1  | 1.2     | 1.2    | 1.2     | 1.2  | 1.2     | 1.3    | 1.3     |
| -88.75° | 0.5     | 0.5    | 0.6     | 0.6  | 0.6     | 0.6    | 0.6     | 0.6  | 0.6     | 0.6    | 0.6     |
| -90°    | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90°    | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    | 0.0     | 0.0  | 0.0     | 0.0    |
| 88.75° | 0.7  | 0.7     | 0.7    | 0.7     | 0.7  | 0.7     | 0.7    | 0.7     | 0.7  | 0.7     | 0.7    |
| 87.5°  | 1.3  | 1.3     | 1.3    | 1.4     | 1.4  | 1.4     | 1.4    | 1.4     | 1.5  | 1.5     | 1.5    |
| 86.25° | 2.0  | 2.0     | 2.1    | 2.1     | 2.1  | 2.1     | 2.2    | 2.2     | 2.2  | 2.2     | 2.3    |
| 85°    | 2.7  | 2.7     | 2.8    | 2.8     | 2.8  | 2.9     | 2.9    | 2.9     | 3.0  | 3.0     | 3.0    |
| 83.75° | 3.4  | 3.4     | 3.5    | 3.5     | 3.6  | 3.6     | 3.6    | 3.7     | 3.7  | 3.8     | 3.8    |
| 82.5°  | 4.0  | 4.1     | 4.1    | 4.2     | 4.3  | 4.3     | 4.4    | 4.4     | 4.4  | 4.5     | 4.5    |
| 81.25° | 4.7  | 4.8     | 4.8    | 4.9     | 5.0  | 5.0     | 5.1    | 5.2     | 5.3  | 5.3     | 5.4    |
| 80°    | 5.5  | 5.6     | 5.7    | 5.8     | 5.9  | 6.0     | 6.0    | 6.1     | 6.2  | 6.3     | 6.4    |
| 78.75° | 6.3  | 6.4     | 6.6    | 6.7     | 6.8  | 6.9     | 7.0    | 7.0     | 7.1  | 7.1     | 7.2    |
| 77.5°  | 7.1  | 7.2     | 7.2    | 7.3     | 7.4  | 7.5     | 7.5    | 7.6     | 7.6  | 7.7     | 7.7    |
| 76.25° | 7.6  | 7.7     | 7.8    | 7.8     | 7.9  | 8.0     | 8.0    | 8.1     | 8.2  | 8.2     | 8.3    |
| 75°    | 8.1  | 8.2     | 8.2    | 8.3     | 8.3  | 8.4     | 8.4    | 8.5     | 8.5  | 8.6     | 8.6    |
| 73.75° | 8.4  | 8.5     | 8.6    | 8.6     | 8.7  | 8.7     | 8.8    | 8.9     | 8.9  | 8.9     | 9.0    |
| 72.5°  | 8.8  | 8.8     | 8.9    | 9.0     | 9.1  | 9.2     | 9.3    | 9.4     | 9.5  | 9.6     | 9.7    |
| 71.25° | 9.2  | 9.3     | 9.5    | 9.6     | 9.7  | 9.9     | 10.0   | 10.1    | 10.2 | 10.4    | 10.5   |
| 70°    | 9.8  | 10.0    | 10.1   | 10.3    | 10.4 | 10.6    | 10.8   | 11.0    | 11.2 | 11.5    | 11.7   |
| 68.75° | 10.5 | 10.6    | 10.9   | 11.2    | 11.5 | 11.8    | 12.1   | 12.3    | 12.5 | 12.8    | 13.0   |
| 67.5°  | 11.5 | 11.8    | 12.1   | 12.5    | 12.8 | 13.0    | 13.3   | 13.6    | 13.8 | 14.1    | 14.3   |
| 66.25° | 12.6 | 13.0    | 13.3   | 13.7    | 14.0 | 14.3    | 14.6   | 14.9    | 15.1 | 15.4    | 15.6   |
| 65°    | 13.8 | 14.2    | 14.5   | 14.9    | 15.2 | 15.5    | 15.8   | 16.1    | 16.4 | 16.8    | 17.1   |
| 63.75° | 14.9 | 15.3    | 15.7   | 16.1    | 16.4 | 16.9    | 17.3   | 17.7    | 18.0 | 18.4    | 18.7   |
| 62.5°  | 16.1 | 16.5    | 17.0   | 17.5    | 17.9 | 18.4    | 18.8   | 19.2    | 19.6 | 20.0    | 20.3   |
| 61.25° | 17.4 | 17.9    | 18.5   | 19.0    | 19.4 | 19.9    | 20.3   | 20.6    | 21.0 | 21.3    | 21.6   |
| 60°    | 18.8 | 19.4    | 19.9   | 20.4    | 20.8 | 21.2    | 21.5   | 21.9    | 22.3 | 22.6    | 22.9   |
| 58.75° | 20.2 | 20.6    | 21.1   | 21.5    | 22.0 | 22.4    | 22.8   | 23.1    | 23.4 | 23.6    | 23.9   |
| 57.5°  | 21.3 | 21.8    | 22.3   | 22.7    | 23.1 | 23.4    | 23.7   | 24.0    | 24.3 | 24.5    | 24.8   |
| 56.25° | 22.4 | 22.9    | 23.3   | 23.6    | 24.0 | 24.3    | 24.6   | 24.9    | 25.2 | 25.5    | 25.7   |
| 55°    | 23.3 | 23.7    | 24.1   | 24.5    | 24.8 | 25.2    | 25.5   | 25.8    | 26.1 | 26.3    | 26.6   |
| 53.75° | 24.1 | 24.5    | 24.9   | 25.3    | 25.6 | 26.0    | 26.3   | 26.6    | 26.9 | 27.2    | 27.5   |
| 52.5°  | 24.9 | 25.3    | 25.7   | 26.1    | 26.5 | 26.8    | 27.1   | 27.5    | 27.8 | 28.1    | 28.4   |
| 51.25° | 25.7 | 26.1    | 26.5   | 26.9    | 27.3 | 27.6    | 28.0   | 28.3    | 28.6 | 29.0    | 29.2   |
| 50°    | 26.4 | 26.8    | 27.3   | 27.7    | 28.1 | 28.4    | 28.8   | 29.1    | 29.3 | 29.5    | 29.7   |
| 48.75° | 27.2 | 27.6    | 28.0   | 28.4    | 28.9 | 29.2    | 29.4   | 29.7    | 29.9 | 30.1    | 30.3   |
| 47.5°  | 27.9 | 28.3    | 28.8   | 29.1    | 29.4 | 29.7    | 29.9   | 30.2    | 30.3 | 30.4    | 30.5   |
| 46.25° | 28.6 | 29.1    | 29.4   | 29.6    | 29.9 | 30.2    | 30.4   | 30.4    | 30.5 | 30.6    | 30.7   |
| 45°    | 29.2 | 29.5    | 29.8   | 30.1    | 30.3 | 30.4    | 30.5   | 30.6    | 30.7 | 30.8    | 31.0   |
| 43.75° | 29.7 | 30.0    | 30.3   | 30.4    | 30.5 | 30.6    | 30.7   | 30.8    | 31.0 | 31.1    | 31.3   |
| 42.5°  | 30.1 | 30.3    | 30.5   | 30.6    | 30.6 | 30.8    | 31.0   | 31.1    | 31.3 | 31.5    | 31.6   |
| 41.25° | 30.4 | 30.5    | 30.6   | 30.7    | 30.9 | 31.1    | 31.3   | 31.5    | 31.6 | 31.7    | 31.7   |
| 40°    | 30.5 | 30.6    | 30.8   | 31.0    | 31.2 | 31.4    | 31.5   | 31.6    | 31.7 | 31.8    | 31.9   |
| 38.75° | 30.7 | 30.8    | 31.1   | 31.3    | 31.5 | 31.6    | 31.7   | 31.8    | 31.9 | 32.1    | 32.3   |
| 37.5°  | 30.9 | 31.1    | 31.3   | 31.5    | 31.6 | 31.8    | 31.9   | 32.0    | 32.2 | 32.4    | 32.6   |
| 36.25° | 31.1 | 31.4    | 31.6   | 31.7    | 31.8 | 31.9    | 32.1   | 32.3    | 32.5 | 32.7    | 32.9   |
| 35°    | 31.4 | 31.6    | 31.7   | 31.8    | 32.0 | 32.2    | 32.4   | 32.6    | 32.8 | 33.0    | 33.2   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25°  | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|-------|---------|--------|
| 33.75°  | 31.6 | 31.7    | 31.8   | 32.0    | 32.2 | 32.5    | 32.7   | 32.9    | 33.1  | 33.4    | 33.6   |
| 32.5°   | 31.7 | 31.8    | 32.0   | 32.3    | 32.5 | 32.8    | 33.0   | 33.2    | 33.5  | 33.9    | 34.3   |
| 31.25°  | 31.8 | 32.0    | 32.3   | 32.5    | 32.8 | 33.0    | 33.3   | 33.5    | 34.0  | 34.5    | 35.0   |
| 30°     | 32.0 | 32.2    | 32.5   | 32.8    | 33.0 | 33.3    | 33.6   | 34.2    | 34.7  | 35.2    | 36.2   |
| 28.75°  | 32.2 | 32.5    | 32.8   | 33.0    | 33.3 | 33.7    | 34.2   | 34.8    | 35.4  | 36.6    | 37.8   |
| 27.5°   | 32.4 | 32.7    | 33.0   | 33.3    | 33.6 | 34.2    | 34.8   | 35.5    | 36.8  | 38.1    | 39.5   |
| 26.25°  | 32.6 | 32.9    | 33.2   | 33.5    | 34.2 | 34.8    | 35.5   | 36.9    | 38.3  | 40.1    | 43.8   |
| 25°     | 32.8 | 33.1    | 33.5   | 34.0    | 34.7 | 35.4    | 36.8   | 38.3    | 40.4  | 44.3    | 48.1   |
| 23.75°  | 33.0 | 33.4    | 33.9   | 34.5    | 35.2 | 36.6    | 38.1   | 40.1    | 44.3  | 48.3    | 52.3   |
| 22.5°   | 33.2 | 33.6    | 34.3   | 35.0    | 36.2 | 37.8    | 39.5   | 43.8    | 48.1  | 52.3    | 56.7   |
| 21.25°  | 33.4 | 34.0    | 34.7   | 35.7    | 37.4 | 39.0    | 42.9   | 47.4    | 51.8  | 56.4    | 60.9   |
| 20°     | 33.7 | 34.4    | 35.1   | 36.8    | 38.4 | 41.5    | 46.2   | 50.8    | 55.6  | 60.4    | 65.4   |
| 18.75°  | 34.1 | 34.8    | 36.0   | 37.7    | 39.7 | 44.6    | 49.4   | 54.3    | 59.3  | 64.3    | 70.9   |
| 17.5°   | 34.4 | 35.2    | 36.9   | 38.7    | 42.5 | 47.5    | 52.5   | 57.7    | 62.8  | 69.1    | 83.4   |
| 16.25°  | 34.8 | 36.0    | 37.8   | 40.1    | 45.2 | 50.3    | 55.6   | 60.9    | 66.9  | 78.6    | 105.2  |
| 15°     | 35.1 | 36.7    | 38.6   | 42.5    | 47.7 | 53.0    | 58.5   | 64.0    | 72.0  | 92.3    | 132.3  |
| 13.75°  | 35.6 | 37.4    | 39.3   | 44.7    | 50.0 | 55.6    | 61.2   | 67.7    | 81.8  | 114.8   | 164.1  |
| 12.5°   | 36.2 | 38.1    | 41.3   | 46.8    | 52.2 | 58.0    | 63.8   | 72.4    | 95.5  | 140.0   | 197.4  |
| 11.25°  | 36.8 | 38.7    | 43.1   | 48.6    | 54.4 | 60.3    | 66.8   | 80.4    | 113.9 | 166.2   | 229.7  |
| 10°     | 37.3 | 39.2    | 44.8   | 50.4    | 56.3 | 62.3    | 69.6   | 88.4    | 133.2 | 193.0   | 260.2  |
| 8.75°   | 37.8 | 40.5    | 46.2   | 52.0    | 58.0 | 64.2    | 74.5   | 102.7   | 153.6 | 218.2   | 287.8  |
| 7.5°    | 38.2 | 41.8    | 47.5   | 53.4    | 59.5 | 66.2    | 80.0   | 115.3   | 171.5 | 240.7   | 312.5  |
| 6.25°   | 38.5 | 42.8    | 48.6   | 54.6    | 60.8 | 68.0    | 84.6   | 126.9   | 189.3 | 260.5   | 333.8  |
| 5°      | 38.8 | 43.7    | 49.5   | 55.6    | 61.9 | 69.4    | 90.2   | 139.0   | 204.2 | 276.8   | 351.4  |
| 3.75°   | 39.0 | 44.3    | 50.2   | 56.4    | 62.7 | 70.9    | 96.8   | 148.5   | 215.9 | 289.7   | 364.4  |
| 2.5°    | 39.2 | 44.8    | 50.7   | 57.0    | 63.3 | 72.9    | 101.5  | 155.3   | 224.3 | 299.1   | 373.6  |
| 1.25°   | 39.3 | 45.1    | 51.0   | 57.3    | 63.7 | 74.2    | 104.4  | 159.4   | 229.4 | 304.7   | 379.2  |
| 0°      | 39.3 | 45.2    | 51.1   | 57.5    | 63.8 | 74.6    | 105.4  | 160.7   | 231.1 | 306.7   | 381.1  |
| -1.25°  | 39.3 | 45.1    | 51.0   | 57.3    | 63.7 | 74.2    | 104.4  | 159.4   | 229.4 | 304.7   | 379.2  |
| -2.5°   | 39.2 | 44.8    | 50.7   | 57.0    | 63.3 | 72.9    | 101.5  | 155.3   | 224.3 | 299.1   | 373.6  |
| -3.75°  | 39.0 | 44.3    | 50.2   | 56.4    | 62.7 | 70.9    | 96.8   | 148.5   | 215.9 | 289.7   | 364.4  |
| -5°     | 38.8 | 43.7    | 49.5   | 55.6    | 61.9 | 69.4    | 90.2   | 139.0   | 204.2 | 276.8   | 351.4  |
| -6.25°  | 38.5 | 42.8    | 48.6   | 54.6    | 60.8 | 68.0    | 84.6   | 126.9   | 189.3 | 260.5   | 333.8  |
| -7.5°   | 38.2 | 41.8    | 47.5   | 53.4    | 59.5 | 66.2    | 80.0   | 115.3   | 171.5 | 240.7   | 312.5  |
| -8.75°  | 37.8 | 40.5    | 46.2   | 52.0    | 58.0 | 64.2    | 74.5   | 102.7   | 153.6 | 218.2   | 287.8  |
| -10°    | 37.3 | 39.2    | 44.8   | 50.4    | 56.3 | 62.3    | 69.6   | 88.4    | 133.2 | 193.0   | 260.2  |
| -11.25° | 36.8 | 38.7    | 43.1   | 48.6    | 54.4 | 60.3    | 66.8   | 80.4    | 113.9 | 166.2   | 229.7  |
| -12.5°  | 36.2 | 38.1    | 41.3   | 46.8    | 52.2 | 58.0    | 63.8   | 72.4    | 95.5  | 140.0   | 197.4  |
| -13.75° | 35.6 | 37.4    | 39.3   | 44.7    | 50.0 | 55.6    | 61.2   | 67.7    | 81.8  | 114.8   | 164.1  |
| -15°    | 35.1 | 36.7    | 38.6   | 42.5    | 47.7 | 53.0    | 58.5   | 64.0    | 72.0  | 92.3    | 132.3  |
| -16.25° | 34.8 | 36.0    | 37.8   | 40.1    | 45.2 | 50.3    | 55.6   | 60.9    | 66.9  | 78.6    | 105.2  |
| -17.5°  | 34.4 | 35.2    | 36.9   | 38.7    | 42.5 | 47.5    | 52.5   | 57.7    | 62.8  | 69.1    | 83.4   |
| -18.75° | 34.1 | 34.8    | 36.0   | 37.7    | 39.7 | 44.6    | 49.4   | 54.3    | 59.3  | 64.3    | 70.9   |
| -20°    | 33.7 | 34.4    | 35.1   | 36.8    | 38.4 | 41.5    | 46.2   | 50.8    | 55.6  | 60.4    | 65.4   |
| -21.25° | 33.4 | 34.0    | 34.7   | 35.7    | 37.4 | 39.0    | 42.9   | 47.4    | 51.8  | 56.4    | 60.9   |





REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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°  | 33.2 | 33.6    | 34.3   | 35.0    | 36.2 | 37.8    | 39.5   | 43.8    | 48.1 | 52.3    | 56.7   |
| -23.75° | 33.0 | 33.4    | 33.9   | 34.5    | 35.2 | 36.6    | 38.1   | 40.1    | 44.3 | 48.3    | 52.3   |
| -25°    | 32.8 | 33.1    | 33.5   | 34.0    | 34.7 | 35.4    | 36.8   | 38.3    | 40.4 | 44.3    | 48.1   |
| -26.25° | 32.6 | 32.9    | 33.2   | 33.5    | 34.2 | 34.8    | 35.5   | 36.9    | 38.3 | 40.1    | 43.8   |
| -27.5°  | 32.4 | 32.7    | 33.0   | 33.3    | 33.6 | 34.2    | 34.8   | 35.5    | 36.8 | 38.1    | 39.5   |
| -28.75° | 32.2 | 32.5    | 32.8   | 33.0    | 33.3 | 33.7    | 34.2   | 34.8    | 35.4 | 36.6    | 37.8   |
| -30°    | 32.0 | 32.2    | 32.5   | 32.8    | 33.0 | 33.3    | 33.6   | 34.2    | 34.7 | 35.2    | 36.2   |
| -31.25° | 31.8 | 32.0    | 32.3   | 32.5    | 32.8 | 33.0    | 33.3   | 33.5    | 34.0 | 34.5    | 35.0   |
| -32.5°  | 31.7 | 31.8    | 32.0   | 32.3    | 32.5 | 32.8    | 33.0   | 33.2    | 33.5 | 33.9    | 34.3   |
| -33.75° | 31.6 | 31.7    | 31.8   | 32.0    | 32.2 | 32.5    | 32.7   | 32.9    | 33.1 | 33.4    | 33.6   |
| -35°    | 31.4 | 31.6    | 31.7   | 31.8    | 32.0 | 32.2    | 32.4   | 32.6    | 32.8 | 33.0    | 33.2   |
| -36.25° | 31.1 | 31.4    | 31.6   | 31.7    | 31.8 | 31.9    | 32.1   | 32.3    | 32.5 | 32.7    | 32.9   |
| -37.5°  | 30.9 | 31.1    | 31.3   | 31.5    | 31.6 | 31.8    | 31.9   | 32.0    | 32.2 | 32.4    | 32.6   |
| -38.75° | 30.7 | 30.8    | 31.1   | 31.3    | 31.5 | 31.6    | 31.7   | 31.8    | 31.9 | 32.1    | 32.3   |
| -40°    | 30.5 | 30.6    | 30.8   | 31.0    | 31.2 | 31.4    | 31.5   | 31.6    | 31.7 | 31.8    | 31.9   |
| -41.25° | 30.4 | 30.5    | 30.6   | 30.7    | 30.9 | 31.1    | 31.3   | 31.5    | 31.6 | 31.7    | 31.7   |
| -42.5°  | 30.1 | 30.3    | 30.5   | 30.6    | 30.6 | 30.8    | 31.0   | 31.1    | 31.3 | 31.5    | 31.6   |
| -43.75° | 29.7 | 30.0    | 30.3   | 30.4    | 30.5 | 30.6    | 30.7   | 30.8    | 31.0 | 31.1    | 31.3   |
| -45°    | 29.2 | 29.5    | 29.8   | 30.1    | 30.3 | 30.4    | 30.5   | 30.6    | 30.7 | 30.8    | 31.0   |
| -46.25° | 28.6 | 29.1    | 29.4   | 29.6    | 29.9 | 30.2    | 30.4   | 30.4    | 30.5 | 30.6    | 30.7   |
| -47.5°  | 27.9 | 28.3    | 28.8   | 29.1    | 29.4 | 29.7    | 29.9   | 30.2    | 30.3 | 30.4    | 30.5   |
| -48.75° | 27.2 | 27.6    | 28.0   | 28.4    | 28.9 | 29.2    | 29.4   | 29.7    | 29.9 | 30.1    | 30.3   |
| -50°    | 26.4 | 26.8    | 27.3   | 27.7    | 28.1 | 28.4    | 28.8   | 29.1    | 29.3 | 29.5    | 29.7   |
| -51.25° | 25.7 | 26.1    | 26.5   | 26.9    | 27.3 | 27.6    | 28.0   | 28.3    | 28.6 | 29.0    | 29.2   |
| -52.5°  | 24.9 | 25.3    | 25.7   | 26.1    | 26.5 | 26.8    | 27.1   | 27.5    | 27.8 | 28.1    | 28.4   |
| -53.75° | 24.1 | 24.5    | 24.9   | 25.3    | 25.6 | 26.0    | 26.3   | 26.6    | 26.9 | 27.2    | 27.5   |
| -55°    | 23.3 | 23.7    | 24.1   | 24.5    | 24.8 | 25.2    | 25.5   | 25.8    | 26.1 | 26.3    | 26.6   |
| -56.25° | 22.4 | 22.9    | 23.3   | 23.6    | 24.0 | 24.3    | 24.6   | 24.9    | 25.2 | 25.5    | 25.7   |
| -57.5°  | 21.3 | 21.8    | 22.3   | 22.7    | 23.1 | 23.4    | 23.7   | 24.0    | 24.3 | 24.5    | 24.8   |
| -58.75° | 20.2 | 20.6    | 21.1   | 21.5    | 22.0 | 22.4    | 22.8   | 23.1    | 23.4 | 23.6    | 23.9   |
| -60°    | 18.8 | 19.4    | 19.9   | 20.4    | 20.8 | 21.2    | 21.5   | 21.9    | 22.3 | 22.6    | 22.9   |
| -61.25° | 17.4 | 17.9    | 18.5   | 19.0    | 19.4 | 19.9    | 20.3   | 20.6    | 21.0 | 21.3    | 21.6   |
| -62.5°  | 16.1 | 16.5    | 17.0   | 17.5    | 17.9 | 18.4    | 18.8   | 19.2    | 19.6 | 20.0    | 20.3   |
| -63.75° | 14.9 | 15.3    | 15.7   | 16.1    | 16.4 | 16.9    | 17.3   | 17.7    | 18.0 | 18.4    | 18.7   |
| -65°    | 13.8 | 14.2    | 14.5   | 14.9    | 15.2 | 15.5    | 15.8   | 16.1    | 16.4 | 16.8    | 17.1   |
| -66.25° | 12.6 | 13.0    | 13.3   | 13.7    | 14.0 | 14.3    | 14.6   | 14.9    | 15.1 | 15.4    | 15.6   |
| -67.5°  | 11.5 | 11.8    | 12.1   | 12.5    | 12.8 | 13.0    | 13.3   | 13.6    | 13.8 | 14.1    | 14.3   |
| -68.75° | 10.5 | 10.6    | 10.9   | 11.2    | 11.5 | 11.8    | 12.1   | 12.3    | 12.5 | 12.8    | 13.0   |
| -70°    | 9.8  | 10.0    | 10.1   | 10.3    | 10.4 | 10.6    | 10.8   | 11.0    | 11.2 | 11.5    | 11.7   |
| -71.25° | 9.2  | 9.3     | 9.5    | 9.6     | 9.7  | 9.9     | 10.0   | 10.1    | 10.2 | 10.4    | 10.5   |
| -72.5°  | 8.8  | 8.8     | 8.9    | 9.0     | 9.1  | 9.2     | 9.3    | 9.4     | 9.5  | 9.6     | 9.7    |
| -73.75° | 8.4  | 8.5     | 8.6    | 8.6     | 8.7  | 8.7     | 8.8    | 8.9     | 8.9  | 8.9     | 9.0    |
| -75°    | 8.1  | 8.2     | 8.2    | 8.3     | 8.3  | 8.4     | 8.4    | 8.5     | 8.5  | 8.6     | 8.6    |
| -76.25° | 7.6  | 7.7     | 7.8    | 7.8     | 7.9  | 8.0     | 8.0    | 8.1     | 8.2  | 8.2     | 8.3    |
| -77.5°  | 7.1  | 7.2     | 7.2    | 7.3     | 7.4  | 7.5     | 7.5    | 7.6     | 7.6  | 7.7     | 7.7    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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° | 6.3  | 6.4     | 6.6    | 6.7     | 6.8  | 6.9     | 7.0    | 7.0     | 7.1  | 7.1     | 7.2    |
| -80°    | 5.5  | 5.6     | 5.7    | 5.8     | 5.9  | 6.0     | 6.0    | 6.1     | 6.2  | 6.3     | 6.4    |
| -81.25° | 4.7  | 4.8     | 4.8    | 4.9     | 5.0  | 5.0     | 5.1    | 5.2     | 5.3  | 5.3     | 5.4    |
| -82.5°  | 4.0  | 4.1     | 4.1    | 4.2     | 4.3  | 4.3     | 4.4    | 4.4     | 4.4  | 4.5     | 4.5    |
| -83.75° | 3.4  | 3.4     | 3.5    | 3.5     | 3.6  | 3.6     | 3.6    | 3.7     | 3.7  | 3.8     | 3.8    |
| -85°    | 2.7  | 2.7     | 2.8    | 2.8     | 2.8  | 2.9     | 2.9    | 2.9     | 3.0  | 3.0     | 3.0    |
| -86.25° | 2.0  | 2.0     | 2.1    | 2.1     | 2.1  | 2.1     | 2.2    | 2.2     | 2.2  | 2.2     | 2.3    |
| -87.5°  | 1.3  | 1.3     | 1.3    | 1.4     | 1.4  | 1.4     | 1.4    | 1.4     | 1.5  | 1.5     | 1.5    |
| -88.75° | 0.7  | 0.7     | 0.7    | 0.7     | 0.7  | 0.7     | 0.7    | 0.7     | 0.7  | 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    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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° | 0.7     | 0.8  | 0.8     | 0.8    | 0.8     | 0.8  | 0.8     | 0.8    | 0.8     | 0.8  | 0.8    |
| 87.5°  | 1.5     | 1.5  | 1.5     | 1.5    | 1.5     | 1.5  | 1.6     | 1.6    | 1.6     | 1.6  | 1.6    |
| 86.25° | 2.3     | 2.3  | 2.3     | 2.3    | 2.3     | 2.4  | 2.4     | 2.4    | 2.4     | 2.4  | 2.4    |
| 85°    | 3.1     | 3.1  | 3.1     | 3.1    | 3.2     | 3.2  | 3.2     | 3.2    | 3.2     | 3.2  | 3.3    |
| 83.75° | 3.8     | 3.9  | 3.9     | 3.9    | 3.9     | 4.0  | 4.0     | 4.0    | 4.0     | 4.0  | 4.1    |
| 82.5°  | 4.6     | 4.6  | 4.6     | 4.7    | 4.7     | 4.7  | 4.8     | 4.8    | 4.8     | 4.8  | 4.8    |
| 81.25° | 5.4     | 5.5  | 5.6     | 5.6    | 5.7     | 5.7  | 5.7     | 5.8    | 5.8     | 5.8  | 5.9    |
| 80°    | 6.4     | 6.5  | 6.5     | 6.6    | 6.7     | 6.7  | 6.8     | 6.8    | 6.8     | 6.9  | 6.9    |
| 78.75° | 7.2     | 7.3  | 7.3     | 7.3    | 7.4     | 7.4  | 7.4     | 7.5    | 7.5     | 7.5  | 7.5    |
| 77.5°  | 7.8     | 7.8  | 7.9     | 7.9    | 8.0     | 8.0  | 8.0     | 8.1    | 8.1     | 8.1  | 8.1    |
| 76.25° | 8.3     | 8.3  | 8.4     | 8.4    | 8.4     | 8.4  | 8.5     | 8.5    | 8.5     | 8.5  | 8.5    |
| 75°    | 8.7     | 8.7  | 8.7     | 8.8    | 8.8     | 8.8  | 8.9     | 8.9    | 8.9     | 8.9  | 8.9    |
| 73.75° | 9.1     | 9.2  | 9.2     | 9.3    | 9.4     | 9.4  | 9.5     | 9.5    | 9.6     | 9.6  | 9.7    |
| 72.5°  | 9.8     | 9.9  | 10.0    | 10.1   | 10.1    | 10.2 | 10.3    | 10.3   | 10.4    | 10.4 | 10.5   |
| 71.25° | 10.6    | 10.7 | 10.9    | 11.0   | 11.2    | 11.3 | 11.4    | 11.5   | 11.6    | 11.7 | 11.8   |
| 70°    | 11.9    | 12.0 | 12.2    | 12.4   | 12.5    | 12.7 | 12.8    | 12.9   | 13.0    | 13.1 | 13.2   |
| 68.75° | 13.2    | 13.4 | 13.6    | 13.8   | 13.9    | 14.1 | 14.2    | 14.3   | 14.5    | 14.6 | 14.6   |
| 67.5°  | 14.5    | 14.7 | 14.9    | 15.1   | 15.3    | 15.5 | 15.6    | 15.7   | 15.9    | 16.0 | 16.1   |
| 66.25° | 15.9    | 16.1 | 16.3    | 16.5   | 16.8    | 17.0 | 17.2    | 17.3   | 17.5    | 17.6 | 17.8   |
| 65°    | 17.4    | 17.7 | 18.0    | 18.2   | 18.5    | 18.7 | 18.9    | 19.1   | 19.3    | 19.4 | 19.6   |
| 63.75° | 19.1    | 19.4 | 19.7    | 19.9   | 20.1    | 20.3 | 20.5    | 20.7   | 20.8    | 21.0 | 21.1   |
| 62.5°  | 20.6    | 20.8 | 21.1    | 21.3   | 21.5    | 21.7 | 21.9    | 22.1   | 22.2    | 22.4 | 22.5   |
| 61.25° | 21.9    | 22.2 | 22.4    | 22.7   | 22.9    | 23.1 | 23.2    | 23.3   | 23.4    | 23.5 | 23.6   |
| 60°    | 23.1    | 23.3 | 23.5    | 23.7   | 23.9    | 24.1 | 24.2    | 24.3   | 24.5    | 24.6 | 24.7   |
| 58.75° | 24.1    | 24.3 | 24.5    | 24.7   | 24.9    | 25.1 | 25.2    | 25.3   | 25.5    | 25.6 | 25.7   |
| 57.5°  | 25.0    | 25.3 | 25.5    | 25.7   | 25.8    | 26.0 | 26.2    | 26.3   | 26.4    | 26.6 | 26.7   |
| 56.25° | 25.9    | 26.2 | 26.4    | 26.6   | 26.8    | 27.0 | 27.1    | 27.3   | 27.4    | 27.5 | 27.6   |
| 55°    | 26.9    | 27.1 | 27.3    | 27.5   | 27.7    | 27.9 | 28.1    | 28.2   | 28.4    | 28.5 | 28.6   |
| 53.75° | 27.8    | 28.0 | 28.2    | 28.5   | 28.7    | 28.9 | 29.0    | 29.1   | 29.2    | 29.3 | 29.4   |
| 52.5°  | 28.7    | 28.9 | 29.1    | 29.3   | 29.4    | 29.5 | 29.7    | 29.8   | 29.9    | 30.0 | 30.0   |
| 51.25° | 29.4    | 29.5 | 29.7    | 29.9   | 30.0    | 30.1 | 30.3    | 30.3   | 30.4    | 30.4 | 30.4   |
| 50°    | 29.9    | 30.1 | 30.3    | 30.3   | 30.4    | 30.4 | 30.5    | 30.5   | 30.6    | 30.6 | 30.6   |
| 48.75° | 30.4    | 30.4 | 30.5    | 30.5   | 30.6    | 30.6 | 30.7    | 30.7   | 30.8    | 30.9 | 30.9   |
| 47.5°  | 30.5    | 30.6 | 30.7    | 30.7   | 30.8    | 30.9 | 31.0    | 31.1   | 31.2    | 31.2 | 31.3   |
| 46.25° | 30.7    | 30.9 | 31.0    | 31.1   | 31.2    | 31.3 | 31.4    | 31.5   | 31.5    | 31.6 | 31.6   |
| 45°    | 31.1    | 31.2 | 31.4    | 31.5   | 31.5    | 31.6 | 31.6    | 31.7   | 31.7    | 31.8 | 31.8   |
| 43.75° | 31.4    | 31.5 | 31.6    | 31.7   | 31.7    | 31.8 | 31.8    | 31.9   | 31.9    | 32.0 | 32.1   |
| 42.5°  | 31.6    | 31.7 | 31.8    | 31.8   | 31.9    | 32.0 | 32.1    | 32.2   | 32.3    | 32.4 | 32.5   |
| 41.25° | 31.8    | 31.9 | 32.0    | 32.2   | 32.3    | 32.4 | 32.5    | 32.6   | 32.7    | 32.8 | 32.9   |
| 40°    | 32.1    | 32.2 | 32.4    | 32.5   | 32.7    | 32.8 | 32.9    | 33.0   | 33.1    | 33.2 | 33.2   |
| 38.75° | 32.4    | 32.6 | 32.7    | 32.9   | 33.0    | 33.1 | 33.3    | 33.4   | 33.5    | 33.6 | 33.8   |
| 37.5°  | 32.8    | 32.9 | 33.1    | 33.2   | 33.4    | 33.5 | 33.8    | 34.0   | 34.2    | 34.4 | 34.6   |
| 36.25° | 33.1    | 33.3 | 33.4    | 33.7   | 34.0    | 34.3 | 34.6    | 34.8   | 35.0    | 35.3 | 35.8   |
| 35°    | 33.4    | 33.7 | 34.1    | 34.4   | 34.8    | 35.1 | 35.6    | 36.2   | 36.8    | 37.3 | 37.8   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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°  | 34.0    | 34.4  | 34.8    | 35.2   | 36.0    | 36.7  | 37.4    | 38.1   | 38.7    | 39.2   | 40.5   |
| 32.5°   | 34.7    | 35.1  | 36.0    | 36.9   | 37.8    | 38.6  | 39.3    | 41.3   | 43.1    | 44.8   | 46.2   |
| 31.25°  | 35.7    | 36.8  | 37.7    | 38.7   | 40.1    | 42.5  | 44.7    | 46.8   | 48.6    | 50.4   | 52.0   |
| 30°     | 37.4    | 38.4  | 39.7    | 42.5   | 45.2    | 47.7  | 50.0    | 52.2   | 54.4    | 56.3   | 58.0   |
| 28.75°  | 39.0    | 41.5  | 44.6    | 47.5   | 50.3    | 53.0  | 55.6    | 58.0   | 60.3    | 62.3   | 64.2   |
| 27.5°   | 42.9    | 46.2  | 49.4    | 52.5   | 55.6    | 58.5  | 61.2    | 63.8   | 66.8    | 69.6   | 74.5   |
| 26.25°  | 47.4    | 50.8  | 54.3    | 57.7   | 60.9    | 64.0  | 67.7    | 72.4   | 80.4    | 88.4   | 102.7  |
| 25°     | 51.8    | 55.6  | 59.3    | 62.8   | 66.9    | 72.0  | 81.8    | 95.5   | 113.9   | 133.2  | 153.6  |
| 23.75°  | 56.4    | 60.4  | 64.3    | 69.1   | 78.6    | 92.3  | 114.8   | 140.0  | 166.2   | 193.0  | 218.2  |
| 22.5°   | 60.9    | 65.4  | 70.9    | 83.4   | 105.2   | 132.3 | 164.1   | 197.4  | 229.7   | 260.2  | 287.8  |
| 21.25°  | 65.8    | 72.7  | 86.3    | 113.8  | 147.3   | 184.2 | 223.2   | 260.8  | 296.1   | 329.0  | 358.2  |
| 20°     | 72.7    | 87.4  | 118.2   | 156.4  | 198.8   | 242.3 | 284.7   | 325.2  | 362.2   | 394.2  | 421.5  |
| 18.75°  | 86.3    | 118.2 | 159.5   | 206.1  | 254.1   | 301.0 | 346.3   | 386.3  | 421.3   | 450.8  | 475.3  |
| 17.5°   | 113.8   | 156.4 | 206.1   | 258.0  | 309.3   | 358.7 | 402.6   | 439.6  | 471.7   | 499.0  | 527.9  |
| 16.25°  | 147.3   | 198.8 | 254.1   | 309.3  | 362.7   | 410.7 | 450.8   | 485.1  | 519.0   | 553.4  | 595.4  |
| 15°     | 184.2   | 242.3 | 301.0   | 358.7  | 410.7   | 454.5 | 491.9   | 531.6  | 576.6   | 626.3  | 683.9  |
| 13.75°  | 223.2   | 284.7 | 346.3   | 402.6  | 450.8   | 491.9 | 535.8   | 588.4  | 650.0   | 717.9  | 793.2  |
| 12.5°   | 260.8   | 325.2 | 386.3   | 439.6  | 485.1   | 531.6 | 588.4   | 658.0  | 738.4   | 826.3  | 925.3  |
| 11.25°  | 296.1   | 362.2 | 421.3   | 471.7  | 519.0   | 576.6 | 650.0   | 738.4  | 839.6   | 953.3  | 1070.1 |
| 10°     | 329.0   | 394.2 | 450.8   | 499.0  | 553.4   | 626.3 | 717.9   | 826.3  | 953.3   | 1086.5 | 1221.7 |
| 8.75°   | 358.2   | 421.5 | 475.3   | 527.9  | 595.4   | 683.9 | 793.2   | 925.3  | 1070.1  | 1221.7 | 1371.8 |
| 7.5°    | 382.4   | 443.9 | 496.1   | 554.4  | 636.0   | 741.1 | 870.5   | 1021.5 | 1183.7  | 1350.6 | 1518.7 |
| 6.25°   | 403.3   | 462.7 | 516.4   | 585.1  | 678.1   | 796.5 | 944.0   | 1109.7 | 1288.4  | 1470.4 | 1656.5 |
| 5°      | 419.2   | 476.8 | 534.2   | 610.7  | 713.9   | 848.4 | 1011.5  | 1191.1 | 1380.5  | 1578.8 | 1778.3 |
| 3.75°   | 431.1   | 487.9 | 548.3   | 633.3  | 748.3   | 894.1 | 1066.4  | 1256.6 | 1456.9  | 1668.4 | 1877.4 |
| 2.5°    | 439.7   | 495.9 | 560.1   | 652.2  | 773.3   | 927.4 | 1106.9  | 1306.1 | 1515.9  | 1735.3 | 1951.7 |
| 1.25°   | 444.9   | 500.8 | 568.4   | 663.7  | 788.4   | 947.7 | 1133.5  | 1336.6 | 1552.1  | 1776.7 | 1997.7 |
| 0°      | 446.6   | 502.4 | 571.2   | 667.5  | 793.5   | 954.5 | 1142.5  | 1346.8 | 1564.3  | 1790.7 | 2013.3 |
| -1.25°  | 444.9   | 500.8 | 568.4   | 663.7  | 788.4   | 947.7 | 1133.5  | 1336.6 | 1552.1  | 1776.7 | 1997.7 |
| -2.5°   | 439.7   | 495.9 | 560.1   | 652.2  | 773.3   | 927.4 | 1106.9  | 1306.1 | 1515.9  | 1735.3 | 1951.7 |
| -3.75°  | 431.1   | 487.9 | 548.3   | 633.3  | 748.3   | 894.1 | 1066.4  | 1256.6 | 1456.9  | 1668.4 | 1877.4 |
| -5°     | 419.2   | 476.8 | 534.2   | 610.7  | 713.9   | 848.4 | 1011.5  | 1191.1 | 1380.5  | 1578.8 | 1778.3 |
| -6.25°  | 403.3   | 462.7 | 516.4   | 585.1  | 678.1   | 796.5 | 944.0   | 1109.7 | 1288.4  | 1470.4 | 1656.5 |
| -7.5°   | 382.4   | 443.9 | 496.1   | 554.4  | 636.0   | 741.1 | 870.5   | 1021.5 | 1183.7  | 1350.6 | 1518.7 |
| -8.75°  | 358.2   | 421.5 | 475.3   | 527.9  | 595.4   | 683.9 | 793.2   | 925.3  | 1070.1  | 1221.7 | 1371.8 |
| -10°    | 329.0   | 394.2 | 450.8   | 499.0  | 553.4   | 626.3 | 717.9   | 826.3  | 953.3   | 1086.5 | 1221.7 |
| -11.25° | 296.1   | 362.2 | 421.3   | 471.7  | 519.0   | 576.6 | 650.0   | 738.4  | 839.6   | 953.3  | 1070.1 |
| -12.5°  | 260.8   | 325.2 | 386.3   | 439.6  | 485.1   | 531.6 | 588.4   | 658.0  | 738.4   | 826.3  | 925.3  |
| -13.75° | 223.2   | 284.7 | 346.3   | 402.6  | 450.8   | 491.9 | 535.8   | 588.4  | 650.0   | 717.9  | 793.2  |
| -15°    | 184.2   | 242.3 | 301.0   | 358.7  | 410.7   | 454.5 | 491.9   | 531.6  | 576.6   | 626.3  | 683.9  |
| -16.25° | 147.3   | 198.8 | 254.1   | 309.3  | 362.7   | 410.7 | 450.8   | 485.1  | 519.0   | 553.4  | 595.4  |
| -17.5°  | 113.8   | 156.4 | 206.1   | 258.0  | 309.3   | 358.7 | 402.6   | 439.6  | 471.7   | 499.0  | 527.9  |
| -18.75° | 86.3    | 118.2 | 159.5   | 206.1  | 254.1   | 301.0 | 346.3   | 386.3  | 421.3   | 450.8  | 475.3  |
| -20°    | 72.7    | 87.4  | 118.2   | 156.4  | 198.8   | 242.3 | 284.7   | 325.2  | 362.2   | 394.2  | 421.5  |
| -21.25° | 65.8    | 72.7  | 86.3    | 113.8  | 147.3   | 184.2 | 223.2   | 260.8  | 296.1   | 329.0  | 358.2  |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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°  | 60.9    | 65.4 | 70.9    | 83.4   | 105.2   | 132.3 | 164.1   | 197.4  | 229.7   | 260.2 | 287.8  |
| -23.75° | 56.4    | 60.4 | 64.3    | 69.1   | 78.6    | 92.3  | 114.8   | 140.0  | 166.2   | 193.0 | 218.2  |
| -25°    | 51.8    | 55.6 | 59.3    | 62.8   | 66.9    | 72.0  | 81.8    | 95.5   | 113.9   | 133.2 | 153.6  |
| -26.25° | 47.4    | 50.8 | 54.3    | 57.7   | 60.9    | 64.0  | 67.7    | 72.4   | 80.4    | 88.4  | 102.7  |
| -27.5°  | 42.9    | 46.2 | 49.4    | 52.5   | 55.6    | 58.5  | 61.2    | 63.8   | 66.8    | 69.6  | 74.5   |
| -28.75° | 39.0    | 41.5 | 44.6    | 47.5   | 50.3    | 53.0  | 55.6    | 58.0   | 60.3    | 62.3  | 64.2   |
| -30°    | 37.4    | 38.4 | 39.7    | 42.5   | 45.2    | 47.7  | 50.0    | 52.2   | 54.4    | 56.3  | 58.0   |
| -31.25° | 35.7    | 36.8 | 37.7    | 38.7   | 40.1    | 42.5  | 44.7    | 46.8   | 48.6    | 50.4  | 52.0   |
| -32.5°  | 34.7    | 35.1 | 36.0    | 36.9   | 37.8    | 38.6  | 39.3    | 41.3   | 43.1    | 44.8  | 46.2   |
| -33.75° | 34.0    | 34.4 | 34.8    | 35.2   | 36.0    | 36.7  | 37.4    | 38.1   | 38.7    | 39.2  | 40.5   |
| -35°    | 33.4    | 33.7 | 34.1    | 34.4   | 34.8    | 35.1  | 35.6    | 36.2   | 36.8    | 37.3  | 37.8   |
| -36.25° | 33.1    | 33.3 | 33.4    | 33.7   | 34.0    | 34.3  | 34.6    | 34.8   | 35.0    | 35.3  | 35.8   |
| -37.5°  | 32.8    | 32.9 | 33.1    | 33.2   | 33.4    | 33.5  | 33.8    | 34.0   | 34.2    | 34.4  | 34.6   |
| -38.75° | 32.4    | 32.6 | 32.7    | 32.9   | 33.0    | 33.1  | 33.3    | 33.4   | 33.5    | 33.6  | 33.8   |
| -40°    | 32.1    | 32.2 | 32.4    | 32.5   | 32.7    | 32.8  | 32.9    | 33.0   | 33.1    | 33.2  | 33.2   |
| -41.25° | 31.8    | 31.9 | 32.0    | 32.2   | 32.3    | 32.4  | 32.5    | 32.6   | 32.7    | 32.8  | 32.9   |
| -42.5°  | 31.6    | 31.7 | 31.8    | 31.8   | 31.9    | 32.0  | 32.1    | 32.2   | 32.3    | 32.4  | 32.5   |
| -43.75° | 31.4    | 31.5 | 31.6    | 31.7   | 31.7    | 31.8  | 31.8    | 31.9   | 31.9    | 32.0  | 32.1   |
| -45°    | 31.1    | 31.2 | 31.4    | 31.5   | 31.5    | 31.6  | 31.6    | 31.7   | 31.7    | 31.8  | 31.8   |
| -46.25° | 30.7    | 30.9 | 31.0    | 31.1   | 31.2    | 31.3  | 31.4    | 31.5   | 31.5    | 31.6  | 31.6   |
| -47.5°  | 30.5    | 30.6 | 30.7    | 30.7   | 30.8    | 30.9  | 31.0    | 31.1   | 31.2    | 31.2  | 31.3   |
| -48.75° | 30.4    | 30.4 | 30.5    | 30.5   | 30.6    | 30.6  | 30.7    | 30.7   | 30.8    | 30.9  | 30.9   |
| -50°    | 29.9    | 30.1 | 30.3    | 30.3   | 30.4    | 30.4  | 30.5    | 30.5   | 30.6    | 30.6  | 30.6   |
| -51.25° | 29.4    | 29.5 | 29.7    | 29.9   | 30.0    | 30.1  | 30.3    | 30.3   | 30.4    | 30.4  | 30.4   |
| -52.5°  | 28.7    | 28.9 | 29.1    | 29.3   | 29.4    | 29.5  | 29.7    | 29.8   | 29.9    | 30.0  | 30.0   |
| -53.75° | 27.8    | 28.0 | 28.2    | 28.5   | 28.7    | 28.9  | 29.0    | 29.1   | 29.2    | 29.3  | 29.4   |
| -55°    | 26.9    | 27.1 | 27.3    | 27.5   | 27.7    | 27.9  | 28.1    | 28.2   | 28.4    | 28.5  | 28.6   |
| -56.25° | 25.9    | 26.2 | 26.4    | 26.6   | 26.8    | 27.0  | 27.1    | 27.3   | 27.4    | 27.5  | 27.6   |
| -57.5°  | 25.0    | 25.3 | 25.5    | 25.7   | 25.8    | 26.0  | 26.2    | 26.3   | 26.4    | 26.6  | 26.7   |
| -58.75° | 24.1    | 24.3 | 24.5    | 24.7   | 24.9    | 25.1  | 25.2    | 25.3   | 25.5    | 25.6  | 25.7   |
| -60°    | 23.1    | 23.3 | 23.5    | 23.7   | 23.9    | 24.1  | 24.2    | 24.3   | 24.5    | 24.6  | 24.7   |
| -61.25° | 21.9    | 22.2 | 22.4    | 22.7   | 22.9    | 23.1  | 23.2    | 23.3   | 23.4    | 23.5  | 23.6   |
| -62.5°  | 20.6    | 20.8 | 21.1    | 21.3   | 21.5    | 21.7  | 21.9    | 22.1   | 22.2    | 22.4  | 22.5   |
| -63.75° | 19.1    | 19.4 | 19.7    | 19.9   | 20.1    | 20.3  | 20.5    | 20.7   | 20.8    | 21.0  | 21.1   |
| -65°    | 17.4    | 17.7 | 18.0    | 18.2   | 18.5    | 18.7  | 18.9    | 19.1   | 19.3    | 19.4  | 19.6   |
| -66.25° | 15.9    | 16.1 | 16.3    | 16.5   | 16.8    | 17.0  | 17.2    | 17.3   | 17.5    | 17.6  | 17.8   |
| -67.5°  | 14.5    | 14.7 | 14.9    | 15.1   | 15.3    | 15.5  | 15.6    | 15.7   | 15.9    | 16.0  | 16.1   |
| -68.75° | 13.2    | 13.4 | 13.6    | 13.8   | 13.9    | 14.1  | 14.2    | 14.3   | 14.5    | 14.6  | 14.6   |
| -70°    | 11.9    | 12.0 | 12.2    | 12.4   | 12.5    | 12.7  | 12.8    | 12.9   | 13.0    | 13.1  | 13.2   |
| -71.25° | 10.6    | 10.7 | 10.9    | 11.0   | 11.2    | 11.3  | 11.4    | 11.5   | 11.6    | 11.7  | 11.8   |
| -72.5°  | 9.8     | 9.9  | 10.0    | 10.1   | 10.1    | 10.2  | 10.3    | 10.3   | 10.4    | 10.4  | 10.5   |
| -73.75° | 9.1     | 9.2  | 9.2     | 9.3    | 9.4     | 9.4   | 9.5     | 9.5    | 9.6     | 9.6   | 9.7    |
| -75°    | 8.7     | 8.7  | 8.7     | 8.8    | 8.8     | 8.8   | 8.9     | 8.9    | 8.9     | 8.9   | 8.9    |
| -76.25° | 8.3     | 8.3  | 8.4     | 8.4    | 8.4     | 8.4   | 8.5     | 8.5    | 8.5     | 8.5   | 8.5    |
| -77.5°  | 7.8     | 7.8  | 7.9     | 7.9    | 8.0     | 8.0   | 8.0     | 8.1    | 8.1     | 8.1   | 8.1    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

|         | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -78.75° | 7.2     | 7.3  | 7.3     | 7.3    | 7.4     | 7.4  | 7.4     | 7.5    | 7.5     | 7.5  | 7.5    |
| -80°    | 6.4     | 6.5  | 6.5     | 6.6    | 6.7     | 6.7  | 6.8     | 6.8    | 6.8     | 6.9  | 6.9    |
| -81.25° | 5.4     | 5.5  | 5.6     | 5.6    | 5.7     | 5.7  | 5.7     | 5.8    | 5.8     | 5.8  | 5.9    |
| -82.5°  | 4.6     | 4.6  | 4.6     | 4.7    | 4.7     | 4.7  | 4.8     | 4.8    | 4.8     | 4.8  | 4.8    |
| -83.75° | 3.8     | 3.9  | 3.9     | 3.9    | 3.9     | 4.0  | 4.0     | 4.0    | 4.0     | 4.0  | 4.1    |
| -85°    | 3.1     | 3.1  | 3.1     | 3.1    | 3.2     | 3.2  | 3.2     | 3.2    | 3.2     | 3.2  | 3.3    |
| -86.25° | 2.3     | 2.3  | 2.3     | 2.3    | 2.3     | 2.4  | 2.4     | 2.4    | 2.4     | 2.4  | 2.4    |
| -87.5°  | 1.5     | 1.5  | 1.5     | 1.5    | 1.5     | 1.5  | 1.6     | 1.6    | 1.6     | 1.6  | 1.6    |
| -88.75° | 0.7     | 0.8  | 0.8     | 0.8    | 0.8     | 0.8  | 0.8     | 0.8    | 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: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | -7.5° | -6.25° | -5°  | -3.75° | -2.5° | -1.25° | 0°   | 1.25° | 2.5° | 3.75° | 5°   |
|--------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| 90°    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0   | 0.0  | 0.0   | 0.0  |
| 88.75° | 0.8   | 0.8    | 0.8  | 0.8    | 0.8   | 0.8    | 0.8  | 0.8   | 0.8  | 0.8   | 0.8  |
| 87.5°  | 1.6   | 1.6    | 1.6  | 1.6    | 1.6   | 1.6    | 1.6  | 1.6   | 1.6  | 1.6   | 1.6  |
| 86.25° | 2.4   | 2.4    | 2.4  | 2.4    | 2.4   | 2.4    | 2.5  | 2.4   | 2.4  | 2.4   | 2.4  |
| 85°    | 3.3   | 3.3    | 3.3  | 3.3    | 3.3   | 3.3    | 3.3  | 3.3   | 3.3  | 3.3   | 3.3  |
| 83.75° | 4.1   | 4.1    | 4.1  | 4.1    | 4.1   | 4.1    | 4.1  | 4.1   | 4.1  | 4.1   | 4.1  |
| 82.5°  | 4.9   | 4.9    | 4.9  | 4.9    | 4.9   | 4.9    | 4.9  | 4.9   | 4.9  | 4.9   | 4.9  |
| 81.25° | 5.9   | 5.9    | 5.9  | 5.9    | 5.9   | 5.9    | 6.0  | 5.9   | 5.9  | 5.9   | 5.9  |
| 80°    | 6.9   | 6.9    | 7.0  | 7.0    | 7.0   | 7.0    | 7.0  | 7.0   | 7.0  | 7.0   | 7.0  |
| 78.75° | 7.6   | 7.6    | 7.6  | 7.6    | 7.6   | 7.6    | 7.6  | 7.6   | 7.6  | 7.6   | 7.6  |
| 77.5°  | 8.1   | 8.2    | 8.2  | 8.2    | 8.2   | 8.2    | 8.2  | 8.2   | 8.2  | 8.2   | 8.2  |
| 76.25° | 8.6   | 8.6    | 8.6  | 8.6    | 8.6   | 8.6    | 8.6  | 8.6   | 8.6  | 8.6   | 8.6  |
| 75°    | 9.0   | 9.0    | 9.0  | 9.0    | 9.0   | 9.0    | 9.0  | 9.0   | 9.0  | 9.0   | 9.0  |
| 73.75° | 9.7   | 9.7    | 9.8  | 9.8    | 9.8   | 9.8    | 9.8  | 9.8   | 9.8  | 9.8   | 9.8  |
| 72.5°  | 10.5  | 10.5   | 10.6 | 10.6   | 10.6  | 10.6   | 10.6 | 10.6  | 10.6 | 10.6  | 10.6 |
| 71.25° | 11.9  | 11.9   | 12.0 | 12.0   | 12.0  | 12.0   | 12.1 | 12.0  | 12.0 | 12.0  | 12.0 |
| 70°    | 13.3  | 13.4   | 13.4 | 13.4   | 13.5  | 13.5   | 13.5 | 13.5  | 13.5 | 13.4  | 13.4 |
| 68.75° | 14.7  | 14.8   | 14.9 | 14.9   | 14.9  | 14.9   | 15.0 | 14.9  | 14.9 | 14.9  | 14.9 |
| 67.5°  | 16.2  | 16.2   | 16.3 | 16.3   | 16.4  | 16.4   | 16.4 | 16.4  | 16.4 | 16.3  | 16.3 |
| 66.25° | 17.9  | 18.0   | 18.1 | 18.1   | 18.2  | 18.2   | 18.2 | 18.2  | 18.2 | 18.1  | 18.1 |
| 65°    | 19.7  | 19.8   | 19.9 | 19.9   | 20.0  | 20.0   | 20.0 | 20.0  | 20.0 | 19.9  | 19.9 |
| 63.75° | 21.2  | 21.3   | 21.3 | 21.4   | 21.4  | 21.4   | 21.5 | 21.4  | 21.4 | 21.4  | 21.3 |
| 62.5°  | 22.6  | 22.7   | 22.8 | 22.8   | 22.9  | 22.9   | 22.9 | 22.9  | 22.9 | 22.8  | 22.8 |
| 61.25° | 23.7  | 23.8   | 23.8 | 23.9   | 23.9  | 23.9   | 24.0 | 23.9  | 23.9 | 23.9  | 23.8 |
| 60°    | 24.8  | 24.8   | 24.9 | 24.9   | 25.0  | 25.0   | 25.0 | 25.0  | 25.0 | 24.9  | 24.9 |
| 58.75° | 25.8  | 25.8   | 25.9 | 25.9   | 26.0  | 26.0   | 26.0 | 26.0  | 26.0 | 25.9  | 25.9 |
| 57.5°  | 26.8  | 26.8   | 26.9 | 26.9   | 27.0  | 27.0   | 27.0 | 27.0  | 27.0 | 26.9  | 26.9 |
| 56.25° | 27.7  | 27.8   | 27.9 | 27.9   | 28.0  | 28.0   | 28.0 | 28.0  | 28.0 | 27.9  | 27.9 |
| 55°    | 28.7  | 28.8   | 28.9 | 28.9   | 29.0  | 29.0   | 29.0 | 29.0  | 29.0 | 28.9  | 28.9 |
| 53.75° | 29.5  | 29.5   | 29.6 | 29.6   | 29.6  | 29.6   | 29.7 | 29.6  | 29.6 | 29.6  | 29.6 |
| 52.5°  | 30.1  | 30.2   | 30.2 | 30.3   | 30.3  | 30.3   | 30.3 | 30.3  | 30.3 | 30.3  | 30.2 |
| 51.25° | 30.4  | 30.5   | 30.5 | 30.5   | 30.5  | 30.5   | 30.5 | 30.5  | 30.5 | 30.5  | 30.5 |
| 50°    | 30.6  | 30.7   | 30.7 | 30.7   | 30.7  | 30.7   | 30.7 | 30.7  | 30.7 | 30.7  | 30.7 |
| 48.75° | 31.0  | 31.0   | 31.0 | 31.1   | 31.1  | 31.1   | 31.1 | 31.1  | 31.1 | 31.1  | 31.0 |
| 47.5°  | 31.4  | 31.4   | 31.4 | 31.5   | 31.5  | 31.5   | 31.5 | 31.5  | 31.5 | 31.5  | 31.4 |
| 46.25° | 31.6  | 31.6   | 31.7 | 31.7   | 31.7  | 31.7   | 31.7 | 31.7  | 31.7 | 31.7  | 31.7 |
| 45°    | 31.8  | 31.8   | 31.9 | 31.9   | 31.9  | 31.9   | 31.9 | 31.9  | 31.9 | 31.9  | 31.9 |
| 43.75° | 32.1  | 32.2   | 32.2 | 32.3   | 32.3  | 32.3   | 32.3 | 32.3  | 32.3 | 32.3  | 32.2 |
| 42.5°  | 32.5  | 32.6   | 32.6 | 32.7   | 32.7  | 32.7   | 32.7 | 32.7  | 32.7 | 32.7  | 32.6 |
| 41.25° | 32.9  | 33.0   | 33.0 | 33.1   | 33.1  | 33.1   | 33.1 | 33.1  | 33.1 | 33.1  | 33.0 |
| 40°    | 33.3  | 33.4   | 33.4 | 33.5   | 33.5  | 33.5   | 33.5 | 33.5  | 33.5 | 33.5  | 33.4 |
| 38.75° | 33.9  | 34.1   | 34.2 | 34.2   | 34.3  | 34.3   | 34.4 | 34.3  | 34.3 | 34.2  | 34.2 |
| 37.5°  | 34.8  | 34.9   | 35.0 | 35.1   | 35.2  | 35.2   | 35.2 | 35.2  | 35.2 | 35.1  | 35.0 |
| 36.25° | 36.2  | 36.5   | 36.8 | 37.0   | 37.1  | 37.2   | 37.3 | 37.2  | 37.1 | 37.0  | 36.8 |
| 35°    | 38.2  | 38.5   | 38.8 | 39.0   | 39.2  | 39.3   | 39.3 | 39.3  | 39.2 | 39.0  | 38.8 |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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°  | 41.8   | 42.8   | 43.7   | 44.3   | 44.8   | 45.1   | 45.2   | 45.1   | 44.8   | 44.3   | 43.7   |
| 32.5°   | 47.5   | 48.6   | 49.5   | 50.2   | 50.7   | 51.0   | 51.1   | 51.0   | 50.7   | 50.2   | 49.5   |
| 31.25°  | 53.4   | 54.6   | 55.6   | 56.4   | 57.0   | 57.3   | 57.5   | 57.3   | 57.0   | 56.4   | 55.6   |
| 30°     | 59.5   | 60.8   | 61.9   | 62.7   | 63.3   | 63.7   | 63.8   | 63.7   | 63.3   | 62.7   | 61.9   |
| 28.75°  | 66.2   | 68.0   | 69.4   | 70.9   | 72.9   | 74.2   | 74.6   | 74.2   | 72.9   | 70.9   | 69.4   |
| 27.5°   | 80.0   | 84.6   | 90.2   | 96.8   | 101.5  | 104.4  | 105.4  | 104.4  | 101.5  | 96.8   | 90.2   |
| 26.25°  | 115.3  | 126.9  | 139.0  | 148.5  | 155.3  | 159.4  | 160.7  | 159.4  | 155.3  | 148.5  | 139.0  |
| 25°     | 171.5  | 189.3  | 204.2  | 215.9  | 224.3  | 229.4  | 231.1  | 229.4  | 224.3  | 215.9  | 204.2  |
| 23.75°  | 240.7  | 260.5  | 276.8  | 289.7  | 299.1  | 304.7  | 306.7  | 304.7  | 299.1  | 289.7  | 276.8  |
| 22.5°   | 312.5  | 333.8  | 351.4  | 364.4  | 373.6  | 379.2  | 381.1  | 379.2  | 373.6  | 364.4  | 351.4  |
| 21.25°  | 382.4  | 403.3  | 419.2  | 431.1  | 439.7  | 444.9  | 446.6  | 444.9  | 439.7  | 431.1  | 419.2  |
| 20°     | 443.9  | 462.7  | 476.8  | 487.9  | 495.9  | 500.8  | 502.4  | 500.8  | 495.9  | 487.9  | 476.8  |
| 18.75°  | 496.1  | 516.4  | 534.2  | 548.3  | 560.1  | 568.4  | 571.2  | 568.4  | 560.1  | 548.3  | 534.2  |
| 17.5°   | 554.4  | 585.1  | 610.7  | 633.3  | 652.2  | 663.7  | 667.5  | 663.7  | 652.2  | 633.3  | 610.7  |
| 16.25°  | 636.0  | 678.1  | 713.9  | 748.3  | 773.3  | 788.4  | 793.5  | 788.4  | 773.3  | 748.3  | 713.9  |
| 15°     | 741.1  | 796.5  | 848.4  | 894.1  | 927.4  | 947.7  | 954.5  | 947.7  | 927.4  | 894.1  | 848.4  |
| 13.75°  | 870.5  | 944.0  | 1011.5 | 1066.4 | 1106.9 | 1133.5 | 1142.5 | 1133.5 | 1106.9 | 1066.4 | 1011.5 |
| 12.5°   | 1021.5 | 1109.7 | 1191.1 | 1256.6 | 1306.1 | 1336.6 | 1346.8 | 1336.6 | 1306.1 | 1256.6 | 1191.1 |
| 11.25°  | 1183.7 | 1288.4 | 1380.5 | 1456.9 | 1515.9 | 1552.1 | 1564.3 | 1552.1 | 1515.9 | 1456.9 | 1380.5 |
| 10°     | 1350.6 | 1470.4 | 1578.8 | 1668.4 | 1735.3 | 1776.7 | 1790.7 | 1776.7 | 1735.3 | 1668.4 | 1578.8 |
| 8.75°   | 1518.7 | 1656.5 | 1778.3 | 1877.4 | 1951.7 | 1997.7 | 2013.3 | 1997.7 | 1951.7 | 1877.4 | 1778.3 |
| 7.5°    | 1683.2 | 1835.1 | 1968.0 | 2078.6 | 2161.4 | 2210.1 | 2226.8 | 2210.1 | 2161.4 | 2078.6 | 1968.0 |
| 6.25°   | 1835.1 | 1999.1 | 2146.2 | 2261.7 | 2345.0 | 2394.0 | 2410.9 | 2394.0 | 2345.0 | 2261.7 | 2146.2 |
| 5°      | 1968.0 | 2146.2 | 2297.0 | 2411.3 | 2496.3 | 2550.2 | 2569.2 | 2550.2 | 2496.3 | 2411.3 | 2297.0 |
| 3.75°   | 2078.6 | 2261.7 | 2411.3 | 2531.9 | 2618.1 | 2672.4 | 2690.1 | 2672.4 | 2618.1 | 2531.9 | 2411.3 |
| 2.5°    | 2161.4 | 2345.0 | 2496.3 | 2618.1 | 2708.9 | 2767.3 | 2783.8 | 2767.3 | 2708.9 | 2618.1 | 2496.3 |
| 1.25°   | 2210.1 | 2394.0 | 2550.2 | 2672.4 | 2767.3 | 2821.8 | 2844.1 | 2821.8 | 2767.3 | 2672.4 | 2550.2 |
| 0°      | 2226.8 | 2410.9 | 2569.2 | 2690.1 | 2783.8 | 2844.1 | 2886.7 | 2844.1 | 2783.8 | 2690.1 | 2569.2 |
| -1.25°  | 2210.1 | 2394.0 | 2550.2 | 2672.4 | 2767.3 | 2821.8 | 2844.1 | 2821.8 | 2767.3 | 2672.4 | 2550.2 |
| -2.5°   | 2161.4 | 2345.0 | 2496.3 | 2618.1 | 2708.9 | 2767.3 | 2783.8 | 2767.3 | 2708.9 | 2618.1 | 2496.3 |
| -3.75°  | 2078.6 | 2261.7 | 2411.3 | 2531.9 | 2618.1 | 2672.4 | 2690.1 | 2672.4 | 2618.1 | 2531.9 | 2411.3 |
| -5°     | 1968.0 | 2146.2 | 2297.0 | 2411.3 | 2496.3 | 2550.2 | 2569.2 | 2550.2 | 2496.3 | 2411.3 | 2297.0 |
| -6.25°  | 1835.1 | 1999.1 | 2146.2 | 2261.7 | 2345.0 | 2394.0 | 2410.9 | 2394.0 | 2345.0 | 2261.7 | 2146.2 |
| -7.5°   | 1683.2 | 1835.1 | 1968.0 | 2078.6 | 2161.4 | 2210.1 | 2226.8 | 2210.1 | 2161.4 | 2078.6 | 1968.0 |
| -8.75°  | 1518.7 | 1656.5 | 1778.3 | 1877.4 | 1951.7 | 1997.7 | 2013.3 | 1997.7 | 1951.7 | 1877.4 | 1778.3 |
| -10°    | 1350.6 | 1470.4 | 1578.8 | 1668.4 | 1735.3 | 1776.7 | 1790.7 | 1776.7 | 1735.3 | 1668.4 | 1578.8 |
| -11.25° | 1183.7 | 1288.4 | 1380.5 | 1456.9 | 1515.9 | 1552.1 | 1564.3 | 1552.1 | 1515.9 | 1456.9 | 1380.5 |
| -12.5°  | 1021.5 | 1109.7 | 1191.1 | 1256.6 | 1306.1 | 1336.6 | 1346.8 | 1336.6 | 1306.1 | 1256.6 | 1191.1 |
| -13.75° | 870.5  | 944.0  | 1011.5 | 1066.4 | 1106.9 | 1133.5 | 1142.5 | 1133.5 | 1106.9 | 1066.4 | 1011.5 |
| -15°    | 741.1  | 796.5  | 848.4  | 894.1  | 927.4  | 947.7  | 954.5  | 947.7  | 927.4  | 894.1  | 848.4  |
| -16.25° | 636.0  | 678.1  | 713.9  | 748.3  | 773.3  | 788.4  | 793.5  | 788.4  | 773.3  | 748.3  | 713.9  |
| -17.5°  | 554.4  | 585.1  | 610.7  | 633.3  | 652.2  | 663.7  | 667.5  | 663.7  | 652.2  | 633.3  | 610.7  |
| -18.75° | 496.1  | 516.4  | 534.2  | 548.3  | 560.1  | 568.4  | 571.2  | 568.4  | 560.1  | 548.3  | 534.2  |
| -20°    | 443.9  | 462.7  | 476.8  | 487.9  | 495.9  | 500.8  | 502.4  | 500.8  | 495.9  | 487.9  | 476.8  |
| -21.25° | 382.4  | 403.3  | 419.2  | 431.1  | 439.7  | 444.9  | 446.6  | 444.9  | 439.7  | 431.1  | 419.2  |





REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5°   | -3.75° | -2.5° | -1.25° | 0°    | 1.25° | 2.5°  | 3.75° | 5°    |
|---------|-------|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|
| -22.5°  | 312.5 | 333.8  | 351.4 | 364.4  | 373.6 | 379.2  | 381.1 | 379.2 | 373.6 | 364.4 | 351.4 |
| -23.75° | 240.7 | 260.5  | 276.8 | 289.7  | 299.1 | 304.7  | 306.7 | 304.7 | 299.1 | 289.7 | 276.8 |
| -25°    | 171.5 | 189.3  | 204.2 | 215.9  | 224.3 | 229.4  | 231.1 | 229.4 | 224.3 | 215.9 | 204.2 |
| -26.25° | 115.3 | 126.9  | 139.0 | 148.5  | 155.3 | 159.4  | 160.7 | 159.4 | 155.3 | 148.5 | 139.0 |
| -27.5°  | 80.0  | 84.6   | 90.2  | 96.8   | 101.5 | 104.4  | 105.4 | 104.4 | 101.5 | 96.8  | 90.2  |
| -28.75° | 66.2  | 68.0   | 69.4  | 70.9   | 72.9  | 74.2   | 74.6  | 74.2  | 72.9  | 70.9  | 69.4  |
| -30°    | 59.5  | 60.8   | 61.9  | 62.7   | 63.3  | 63.7   | 63.8  | 63.7  | 63.3  | 62.7  | 61.9  |
| -31.25° | 53.4  | 54.6   | 55.6  | 56.4   | 57.0  | 57.3   | 57.5  | 57.3  | 57.0  | 56.4  | 55.6  |
| -32.5°  | 47.5  | 48.6   | 49.5  | 50.2   | 50.7  | 51.0   | 51.1  | 51.0  | 50.7  | 50.2  | 49.5  |
| -33.75° | 41.8  | 42.8   | 43.7  | 44.3   | 44.8  | 45.1   | 45.2  | 45.1  | 44.8  | 44.3  | 43.7  |
| -35°    | 38.2  | 38.5   | 38.8  | 39.0   | 39.2  | 39.3   | 39.3  | 39.3  | 39.2  | 39.0  | 38.8  |
| -36.25° | 36.2  | 36.5   | 36.8  | 37.0   | 37.1  | 37.2   | 37.3  | 37.2  | 37.1  | 37.0  | 36.8  |
| -37.5°  | 34.8  | 34.9   | 35.0  | 35.1   | 35.2  | 35.2   | 35.2  | 35.2  | 35.2  | 35.1  | 35.0  |
| -38.75° | 33.9  | 34.1   | 34.2  | 34.2   | 34.3  | 34.3   | 34.4  | 34.3  | 34.3  | 34.2  | 34.2  |
| -40°    | 33.3  | 33.4   | 33.4  | 33.5   | 33.5  | 33.5   | 33.5  | 33.5  | 33.5  | 33.5  | 33.4  |
| -41.25° | 32.9  | 33.0   | 33.0  | 33.1   | 33.1  | 33.1   | 33.1  | 33.1  | 33.1  | 33.1  | 33.0  |
| -42.5°  | 32.5  | 32.6   | 32.6  | 32.7   | 32.7  | 32.7   | 32.7  | 32.7  | 32.7  | 32.7  | 32.6  |
| -43.75° | 32.1  | 32.2   | 32.2  | 32.3   | 32.3  | 32.3   | 32.3  | 32.3  | 32.3  | 32.3  | 32.2  |
| -45°    | 31.8  | 31.8   | 31.9  | 31.9   | 31.9  | 31.9   | 31.9  | 31.9  | 31.9  | 31.9  | 31.9  |
| -46.25° | 31.6  | 31.6   | 31.7  | 31.7   | 31.7  | 31.7   | 31.7  | 31.7  | 31.7  | 31.7  | 31.7  |
| -47.5°  | 31.4  | 31.4   | 31.4  | 31.5   | 31.5  | 31.5   | 31.5  | 31.5  | 31.5  | 31.5  | 31.4  |
| -48.75° | 31.0  | 31.0   | 31.0  | 31.1   | 31.1  | 31.1   | 31.1  | 31.1  | 31.1  | 31.1  | 31.0  |
| -50°    | 30.6  | 30.7   | 30.7  | 30.7   | 30.7  | 30.7   | 30.7  | 30.7  | 30.7  | 30.7  | 30.7  |
| -51.25° | 30.4  | 30.5   | 30.5  | 30.5   | 30.5  | 30.5   | 30.5  | 30.5  | 30.5  | 30.5  | 30.5  |
| -52.5°  | 30.1  | 30.2   | 30.2  | 30.3   | 30.3  | 30.3   | 30.3  | 30.3  | 30.3  | 30.3  | 30.2  |
| -53.75° | 29.5  | 29.5   | 29.6  | 29.6   | 29.6  | 29.6   | 29.7  | 29.6  | 29.6  | 29.6  | 29.6  |
| -55°    | 28.7  | 28.8   | 28.9  | 28.9   | 29.0  | 29.0   | 29.0  | 29.0  | 29.0  | 28.9  | 28.9  |
| -56.25° | 27.7  | 27.8   | 27.9  | 27.9   | 28.0  | 28.0   | 28.0  | 28.0  | 28.0  | 27.9  | 27.9  |
| -57.5°  | 26.8  | 26.8   | 26.9  | 26.9   | 27.0  | 27.0   | 27.0  | 27.0  | 27.0  | 26.9  | 26.9  |
| -58.75° | 25.8  | 25.8   | 25.9  | 25.9   | 26.0  | 26.0   | 26.0  | 26.0  | 26.0  | 25.9  | 25.9  |
| -60°    | 24.8  | 24.8   | 24.9  | 24.9   | 25.0  | 25.0   | 25.0  | 25.0  | 25.0  | 24.9  | 24.9  |
| -61.25° | 23.7  | 23.8   | 23.8  | 23.9   | 23.9  | 23.9   | 24.0  | 23.9  | 23.9  | 23.9  | 23.8  |
| -62.5°  | 22.6  | 22.7   | 22.8  | 22.8   | 22.9  | 22.9   | 22.9  | 22.9  | 22.9  | 22.8  | 22.8  |
| -63.75° | 21.2  | 21.3   | 21.3  | 21.4   | 21.4  | 21.4   | 21.5  | 21.4  | 21.4  | 21.4  | 21.3  |
| -65°    | 19.7  | 19.8   | 19.9  | 19.9   | 20.0  | 20.0   | 20.0  | 20.0  | 20.0  | 19.9  | 19.9  |
| -66.25° | 17.9  | 18.0   | 18.1  | 18.1   | 18.2  | 18.2   | 18.2  | 18.2  | 18.2  | 18.1  | 18.1  |
| -67.5°  | 16.2  | 16.2   | 16.3  | 16.3   | 16.4  | 16.4   | 16.4  | 16.4  | 16.4  | 16.3  | 16.3  |
| -68.75° | 14.7  | 14.8   | 14.9  | 14.9   | 14.9  | 14.9   | 15.0  | 14.9  | 14.9  | 14.9  | 14.9  |
| -70°    | 13.3  | 13.4   | 13.4  | 13.4   | 13.5  | 13.5   | 13.5  | 13.5  | 13.5  | 13.4  | 13.4  |
| -71.25° | 11.9  | 11.9   | 12.0  | 12.0   | 12.0  | 12.0   | 12.1  | 12.0  | 12.0  | 12.0  | 12.0  |
| -72.5°  | 10.5  | 10.5   | 10.6  | 10.6   | 10.6  | 10.6   | 10.6  | 10.6  | 10.6  | 10.6  | 10.6  |
| -73.75° | 9.7   | 9.7    | 9.8   | 9.8    | 9.8   | 9.8    | 9.8   | 9.8   | 9.8   | 9.8   | 9.8   |
| -75°    | 9.0   | 9.0    | 9.0   | 9.0    | 9.0   | 9.0    | 9.0   | 9.0   | 9.0   | 9.0   | 9.0   |
| -76.25° | 8.6   | 8.6    | 8.6   | 8.6    | 8.6   | 8.6    | 8.6   | 8.6   | 8.6   | 8.6   | 8.6   |
| -77.5°  | 8.1   | 8.2    | 8.2   | 8.2    | 8.2   | 8.2    | 8.2   | 8.2   | 8.2   | 8.2   | 8.2   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0°  | 1.25° | 2.5° | 3.75° | 5°  |
|---------|-------|--------|-----|--------|-------|--------|-----|-------|------|-------|-----|
| -78.75° | 7.6   | 7.6    | 7.6 | 7.6    | 7.6   | 7.6    | 7.6 | 7.6   | 7.6  | 7.6   | 7.6 |
| -80°    | 6.9   | 6.9    | 7.0 | 7.0    | 7.0   | 7.0    | 7.0 | 7.0   | 7.0  | 7.0   | 7.0 |
| -81.25° | 5.9   | 5.9    | 5.9 | 5.9    | 5.9   | 5.9    | 6.0 | 5.9   | 5.9  | 5.9   | 5.9 |
| -82.5°  | 4.9   | 4.9    | 4.9 | 4.9    | 4.9   | 4.9    | 4.9 | 4.9   | 4.9  | 4.9   | 4.9 |
| -83.75° | 4.1   | 4.1    | 4.1 | 4.1    | 4.1   | 4.1    | 4.1 | 4.1   | 4.1  | 4.1   | 4.1 |
| -85°    | 3.3   | 3.3    | 3.3 | 3.3    | 3.3   | 3.3    | 3.3 | 3.3   | 3.3  | 3.3   | 3.3 |
| -86.25° | 2.4   | 2.4    | 2.4 | 2.4    | 2.4   | 2.4    | 2.5 | 2.4   | 2.4  | 2.4   | 2.4 |
| -87.5°  | 1.6   | 1.6    | 1.6 | 1.6    | 1.6   | 1.6    | 1.6 | 1.6   | 1.6  | 1.6   | 1.6 |
| -88.75° | 0.8   | 0.8    | 0.8 | 0.8    | 0.8   | 0.8    | 0.8 | 0.8   | 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: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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° | 0.8   | 0.8  | 0.8   | 0.8  | 0.8    | 0.8   | 0.8    | 0.8  | 0.8    | 0.8   | 0.8    |
| 87.5°  | 1.6   | 1.6  | 1.6   | 1.6  | 1.6    | 1.6   | 1.6    | 1.5  | 1.5    | 1.5   | 1.5    |
| 86.25° | 2.4   | 2.4  | 2.4   | 2.4  | 2.4    | 2.4   | 2.4    | 2.4  | 2.3    | 2.3   | 2.3    |
| 85°    | 3.3   | 3.3  | 3.3   | 3.2  | 3.2    | 3.2   | 3.2    | 3.2  | 3.2    | 3.1   | 3.1    |
| 83.75° | 4.1   | 4.1  | 4.1   | 4.0  | 4.0    | 4.0   | 4.0    | 4.0  | 3.9    | 3.9   | 3.9    |
| 82.5°  | 4.9   | 4.9  | 4.8   | 4.8  | 4.8    | 4.8   | 4.8    | 4.7  | 4.7    | 4.7   | 4.6    |
| 81.25° | 5.9   | 5.9  | 5.9   | 5.8  | 5.8    | 5.8   | 5.7    | 5.7  | 5.7    | 5.6   | 5.6    |
| 80°    | 6.9   | 6.9  | 6.9   | 6.9  | 6.8    | 6.8   | 6.8    | 6.7  | 6.7    | 6.6   | 6.5    |
| 78.75° | 7.6   | 7.6  | 7.5   | 7.5  | 7.5    | 7.5   | 7.4    | 7.4  | 7.4    | 7.3   | 7.3    |
| 77.5°  | 8.2   | 8.1  | 8.1   | 8.1  | 8.1    | 8.1   | 8.0    | 8.0  | 8.0    | 7.9   | 7.9    |
| 76.25° | 8.6   | 8.6  | 8.5   | 8.5  | 8.5    | 8.5   | 8.5    | 8.4  | 8.4    | 8.4   | 8.4    |
| 75°    | 9.0   | 9.0  | 8.9   | 8.9  | 8.9    | 8.9   | 8.9    | 8.8  | 8.8    | 8.8   | 8.7    |
| 73.75° | 9.7   | 9.7  | 9.7   | 9.6  | 9.6    | 9.5   | 9.5    | 9.4  | 9.4    | 9.3   | 9.2    |
| 72.5°  | 10.5  | 10.5 | 10.5  | 10.4 | 10.4   | 10.3  | 10.3   | 10.2 | 10.1   | 10.1  | 10.0   |
| 71.25° | 11.9  | 11.9 | 11.8  | 11.7 | 11.6   | 11.5  | 11.4   | 11.3 | 11.2   | 11.0  | 10.9   |
| 70°    | 13.4  | 13.3 | 13.2  | 13.1 | 13.0   | 12.9  | 12.8   | 12.7 | 12.5   | 12.4  | 12.2   |
| 68.75° | 14.8  | 14.7 | 14.6  | 14.6 | 14.5   | 14.3  | 14.2   | 14.1 | 13.9   | 13.8  | 13.6   |
| 67.5°  | 16.2  | 16.2 | 16.1  | 16.0 | 15.9   | 15.7  | 15.6   | 15.5 | 15.3   | 15.1  | 14.9   |
| 66.25° | 18.0  | 17.9 | 17.8  | 17.6 | 17.5   | 17.3  | 17.2   | 17.0 | 16.8   | 16.5  | 16.3   |
| 65°    | 19.8  | 19.7 | 19.6  | 19.4 | 19.3   | 19.1  | 18.9   | 18.7 | 18.5   | 18.2  | 18.0   |
| 63.75° | 21.3  | 21.2 | 21.1  | 21.0 | 20.8   | 20.7  | 20.5   | 20.3 | 20.1   | 19.9  | 19.7   |
| 62.5°  | 22.7  | 22.6 | 22.5  | 22.4 | 22.2   | 22.1  | 21.9   | 21.7 | 21.5   | 21.3  | 21.1   |
| 61.25° | 23.8  | 23.7 | 23.6  | 23.5 | 23.4   | 23.3  | 23.2   | 23.1 | 22.9   | 22.7  | 22.4   |
| 60°    | 24.8  | 24.8 | 24.7  | 24.6 | 24.5   | 24.3  | 24.2   | 24.1 | 23.9   | 23.7  | 23.5   |
| 58.75° | 25.8  | 25.8 | 25.7  | 25.6 | 25.5   | 25.3  | 25.2   | 25.1 | 24.9   | 24.7  | 24.5   |
| 57.5°  | 26.8  | 26.8 | 26.7  | 26.6 | 26.4   | 26.3  | 26.2   | 26.0 | 25.8   | 25.7  | 25.5   |
| 56.25° | 27.8  | 27.7 | 27.6  | 27.5 | 27.4   | 27.3  | 27.1   | 27.0 | 26.8   | 26.6  | 26.4   |
| 55°    | 28.8  | 28.7 | 28.6  | 28.5 | 28.4   | 28.2  | 28.1   | 27.9 | 27.7   | 27.5  | 27.3   |
| 53.75° | 29.5  | 29.5 | 29.4  | 29.3 | 29.2   | 29.1  | 29.0   | 28.9 | 28.7   | 28.5  | 28.2   |
| 52.5°  | 30.2  | 30.1 | 30.0  | 30.0 | 29.9   | 29.8  | 29.7   | 29.5 | 29.4   | 29.3  | 29.1   |
| 51.25° | 30.5  | 30.4 | 30.4  | 30.4 | 30.4   | 30.3  | 30.3   | 30.1 | 30.0   | 29.9  | 29.7   |
| 50°    | 30.7  | 30.6 | 30.6  | 30.6 | 30.6   | 30.5  | 30.5   | 30.4 | 30.4   | 30.3  | 30.3   |
| 48.75° | 31.0  | 31.0 | 30.9  | 30.9 | 30.8   | 30.7  | 30.7   | 30.6 | 30.6   | 30.5  | 30.5   |
| 47.5°  | 31.4  | 31.4 | 31.3  | 31.2 | 31.2   | 31.1  | 31.0   | 30.9 | 30.8   | 30.7  | 30.7   |
| 46.25° | 31.6  | 31.6 | 31.6  | 31.6 | 31.5   | 31.5  | 31.4   | 31.3 | 31.2   | 31.1  | 31.0   |
| 45°    | 31.8  | 31.8 | 31.8  | 31.8 | 31.7   | 31.7  | 31.6   | 31.6 | 31.5   | 31.5  | 31.4   |
| 43.75° | 32.2  | 32.1 | 32.1  | 32.0 | 31.9   | 31.9  | 31.8   | 31.8 | 31.7   | 31.7  | 31.6   |
| 42.5°  | 32.6  | 32.5 | 32.5  | 32.4 | 32.3   | 32.2  | 32.1   | 32.0 | 31.9   | 31.8  | 31.8   |
| 41.25° | 33.0  | 32.9 | 32.9  | 32.8 | 32.7   | 32.6  | 32.5   | 32.4 | 32.3   | 32.2  | 32.0   |
| 40°    | 33.4  | 33.3 | 33.2  | 33.2 | 33.1   | 33.0  | 32.9   | 32.8 | 32.7   | 32.5  | 32.4   |
| 38.75° | 34.1  | 33.9 | 33.8  | 33.6 | 33.5   | 33.4  | 33.3   | 33.1 | 33.0   | 32.9  | 32.7   |
| 37.5°  | 34.9  | 34.8 | 34.6  | 34.4 | 34.2   | 34.0  | 33.8   | 33.5 | 33.4   | 33.2  | 33.1   |
| 36.25° | 36.5  | 36.2 | 35.8  | 35.3 | 35.0   | 34.8  | 34.6   | 34.3 | 34.0   | 33.7  | 33.4   |
| 35°    | 38.5  | 38.2 | 37.8  | 37.3 | 36.8   | 36.2  | 35.6   | 35.1 | 34.8   | 34.4  | 34.1   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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°  | 42.8   | 41.8   | 40.5   | 39.2   | 38.7   | 38.1   | 37.4   | 36.7  | 36.0   | 35.2  | 34.8   |
| 32.5°   | 48.6   | 47.5   | 46.2   | 44.8   | 43.1   | 41.3   | 39.3   | 38.6  | 37.8   | 36.9  | 36.0   |
| 31.25°  | 54.6   | 53.4   | 52.0   | 50.4   | 48.6   | 46.8   | 44.7   | 42.5  | 40.1   | 38.7  | 37.7   |
| 30°     | 60.8   | 59.5   | 58.0   | 56.3   | 54.4   | 52.2   | 50.0   | 47.7  | 45.2   | 42.5  | 39.7   |
| 28.75°  | 68.0   | 66.2   | 64.2   | 62.3   | 60.3   | 58.0   | 55.6   | 53.0  | 50.3   | 47.5  | 44.6   |
| 27.5°   | 84.6   | 80.0   | 74.5   | 69.6   | 66.8   | 63.8   | 61.2   | 58.5  | 55.6   | 52.5  | 49.4   |
| 26.25°  | 126.9  | 115.3  | 102.7  | 88.4   | 80.4   | 72.4   | 67.7   | 64.0  | 60.9   | 57.7  | 54.3   |
| 25°     | 189.3  | 171.5  | 153.6  | 133.2  | 113.9  | 95.5   | 81.8   | 72.0  | 66.9   | 62.8  | 59.3   |
| 23.75°  | 260.5  | 240.7  | 218.2  | 193.0  | 166.2  | 140.0  | 114.8  | 92.3  | 78.6   | 69.1  | 64.3   |
| 22.5°   | 333.8  | 312.5  | 287.8  | 260.2  | 229.7  | 197.4  | 164.1  | 132.3 | 105.2  | 83.4  | 70.9   |
| 21.25°  | 403.3  | 382.4  | 358.2  | 329.0  | 296.1  | 260.8  | 223.2  | 184.2 | 147.3  | 113.8 | 86.3   |
| 20°     | 462.7  | 443.9  | 421.5  | 394.2  | 362.2  | 325.2  | 284.7  | 242.3 | 198.8  | 156.4 | 118.2  |
| 18.75°  | 516.4  | 496.1  | 475.3  | 450.8  | 421.3  | 386.3  | 346.3  | 301.0 | 254.1  | 206.1 | 159.5  |
| 17.5°   | 585.1  | 554.4  | 527.9  | 499.0  | 471.7  | 439.6  | 402.6  | 358.7 | 309.3  | 258.0 | 206.1  |
| 16.25°  | 678.1  | 636.0  | 595.4  | 553.4  | 519.0  | 485.1  | 450.8  | 410.7 | 362.7  | 309.3 | 254.1  |
| 15°     | 796.5  | 741.1  | 683.9  | 626.3  | 576.6  | 531.6  | 491.9  | 454.5 | 410.7  | 358.7 | 301.0  |
| 13.75°  | 944.0  | 870.5  | 793.2  | 717.9  | 650.0  | 588.4  | 535.8  | 491.9 | 450.8  | 402.6 | 346.3  |
| 12.5°   | 1109.7 | 1021.5 | 925.3  | 826.3  | 738.4  | 658.0  | 588.4  | 531.6 | 485.1  | 439.6 | 386.3  |
| 11.25°  | 1288.4 | 1183.7 | 1070.1 | 953.3  | 839.6  | 738.4  | 650.0  | 576.6 | 519.0  | 471.7 | 421.3  |
| 10°     | 1470.4 | 1350.6 | 1221.7 | 1086.5 | 953.3  | 826.3  | 717.9  | 626.3 | 553.4  | 499.0 | 450.8  |
| 8.75°   | 1656.5 | 1518.7 | 1371.8 | 1221.7 | 1070.1 | 925.3  | 793.2  | 683.9 | 595.4  | 527.9 | 475.3  |
| 7.5°    | 1835.1 | 1683.2 | 1518.7 | 1350.6 | 1183.7 | 1021.5 | 870.5  | 741.1 | 636.0  | 554.4 | 496.1  |
| 6.25°   | 1999.1 | 1835.1 | 1656.5 | 1470.4 | 1288.4 | 1109.7 | 944.0  | 796.5 | 678.1  | 585.1 | 516.4  |
| 5°      | 2146.2 | 1968.0 | 1778.3 | 1578.8 | 1380.5 | 1191.1 | 1011.5 | 848.4 | 713.9  | 610.7 | 534.2  |
| 3.75°   | 2261.7 | 2078.6 | 1877.4 | 1668.4 | 1456.9 | 1256.6 | 1066.4 | 894.1 | 748.3  | 633.3 | 548.3  |
| 2.5°    | 2345.0 | 2161.4 | 1951.7 | 1735.3 | 1515.9 | 1306.1 | 1106.9 | 927.4 | 773.3  | 652.2 | 560.1  |
| 1.25°   | 2394.0 | 2210.1 | 1997.7 | 1776.7 | 1552.1 | 1336.6 | 1133.5 | 947.7 | 788.4  | 663.7 | 568.4  |
| 0°      | 2410.9 | 2226.8 | 2013.3 | 1790.7 | 1564.3 | 1346.8 | 1142.5 | 954.5 | 793.5  | 667.5 | 571.2  |
| -1.25°  | 2394.0 | 2210.1 | 1997.7 | 1776.7 | 1552.1 | 1336.6 | 1133.5 | 947.7 | 788.4  | 663.7 | 568.4  |
| -2.5°   | 2345.0 | 2161.4 | 1951.7 | 1735.3 | 1515.9 | 1306.1 | 1106.9 | 927.4 | 773.3  | 652.2 | 560.1  |
| -3.75°  | 2261.7 | 2078.6 | 1877.4 | 1668.4 | 1456.9 | 1256.6 | 1066.4 | 894.1 | 748.3  | 633.3 | 548.3  |
| -5°     | 2146.2 | 1968.0 | 1778.3 | 1578.8 | 1380.5 | 1191.1 | 1011.5 | 848.4 | 713.9  | 610.7 | 534.2  |
| -6.25°  | 1999.1 | 1835.1 | 1656.5 | 1470.4 | 1288.4 | 1109.7 | 944.0  | 796.5 | 678.1  | 585.1 | 516.4  |
| -7.5°   | 1835.1 | 1683.2 | 1518.7 | 1350.6 | 1183.7 | 1021.5 | 870.5  | 741.1 | 636.0  | 554.4 | 496.1  |
| -8.75°  | 1656.5 | 1518.7 | 1371.8 | 1221.7 | 1070.1 | 925.3  | 793.2  | 683.9 | 595.4  | 527.9 | 475.3  |
| -10°    | 1470.4 | 1350.6 | 1221.7 | 1086.5 | 953.3  | 826.3  | 717.9  | 626.3 | 553.4  | 499.0 | 450.8  |
| -11.25° | 1288.4 | 1183.7 | 1070.1 | 953.3  | 839.6  | 738.4  | 650.0  | 576.6 | 519.0  | 471.7 | 421.3  |
| -12.5°  | 1109.7 | 1021.5 | 925.3  | 826.3  | 738.4  | 658.0  | 588.4  | 531.6 | 485.1  | 439.6 | 386.3  |
| -13.75° | 944.0  | 870.5  | 793.2  | 717.9  | 650.0  | 588.4  | 535.8  | 491.9 | 450.8  | 402.6 | 346.3  |
| -15°    | 796.5  | 741.1  | 683.9  | 626.3  | 576.6  | 531.6  | 491.9  | 454.5 | 410.7  | 358.7 | 301.0  |
| -16.25° | 678.1  | 636.0  | 595.4  | 553.4  | 519.0  | 485.1  | 450.8  | 410.7 | 362.7  | 309.3 | 254.1  |
| -17.5°  | 585.1  | 554.4  | 527.9  | 499.0  | 471.7  | 439.6  | 402.6  | 358.7 | 309.3  | 258.0 | 206.1  |
| -18.75° | 516.4  | 496.1  | 475.3  | 450.8  | 421.3  | 386.3  | 346.3  | 301.0 | 254.1  | 206.1 | 159.5  |
| -20°    | 462.7  | 443.9  | 421.5  | 394.2  | 362.2  | 325.2  | 284.7  | 242.3 | 198.8  | 156.4 | 118.2  |
| -21.25° | 403.3  | 382.4  | 358.2  | 329.0  | 296.1  | 260.8  | 223.2  | 184.2 | 147.3  | 113.8 | 86.3   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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°  | 333.8 | 312.5 | 287.8 | 260.2 | 229.7  | 197.4 | 164.1  | 132.3 | 105.2  | 83.4  | 70.9   |
| -23.75° | 260.5 | 240.7 | 218.2 | 193.0 | 166.2  | 140.0 | 114.8  | 92.3  | 78.6   | 69.1  | 64.3   |
| -25°    | 189.3 | 171.5 | 153.6 | 133.2 | 113.9  | 95.5  | 81.8   | 72.0  | 66.9   | 62.8  | 59.3   |
| -26.25° | 126.9 | 115.3 | 102.7 | 88.4  | 80.4   | 72.4  | 67.7   | 64.0  | 60.9   | 57.7  | 54.3   |
| -27.5°  | 84.6  | 80.0  | 74.5  | 69.6  | 66.8   | 63.8  | 61.2   | 58.5  | 55.6   | 52.5  | 49.4   |
| -28.75° | 68.0  | 66.2  | 64.2  | 62.3  | 60.3   | 58.0  | 55.6   | 53.0  | 50.3   | 47.5  | 44.6   |
| -30°    | 60.8  | 59.5  | 58.0  | 56.3  | 54.4   | 52.2  | 50.0   | 47.7  | 45.2   | 42.5  | 39.7   |
| -31.25° | 54.6  | 53.4  | 52.0  | 50.4  | 48.6   | 46.8  | 44.7   | 42.5  | 40.1   | 38.7  | 37.7   |
| -32.5°  | 48.6  | 47.5  | 46.2  | 44.8  | 43.1   | 41.3  | 39.3   | 38.6  | 37.8   | 36.9  | 36.0   |
| -33.75° | 42.8  | 41.8  | 40.5  | 39.2  | 38.7   | 38.1  | 37.4   | 36.7  | 36.0   | 35.2  | 34.8   |
| -35°    | 38.5  | 38.2  | 37.8  | 37.3  | 36.8   | 36.2  | 35.6   | 35.1  | 34.8   | 34.4  | 34.1   |
| -36.25° | 36.5  | 36.2  | 35.8  | 35.3  | 35.0   | 34.8  | 34.6   | 34.3  | 34.0   | 33.7  | 33.4   |
| -37.5°  | 34.9  | 34.8  | 34.6  | 34.4  | 34.2   | 34.0  | 33.8   | 33.5  | 33.4   | 33.2  | 33.1   |
| -38.75° | 34.1  | 33.9  | 33.8  | 33.6  | 33.5   | 33.4  | 33.3   | 33.1  | 33.0   | 32.9  | 32.7   |
| -40°    | 33.4  | 33.3  | 33.2  | 33.2  | 33.1   | 33.0  | 32.9   | 32.8  | 32.7   | 32.5  | 32.4   |
| -41.25° | 33.0  | 32.9  | 32.9  | 32.8  | 32.7   | 32.6  | 32.5   | 32.4  | 32.3   | 32.2  | 32.0   |
| -42.5°  | 32.6  | 32.5  | 32.5  | 32.4  | 32.3   | 32.2  | 32.1   | 32.0  | 31.9   | 31.8  | 31.8   |
| -43.75° | 32.2  | 32.1  | 32.1  | 32.0  | 31.9   | 31.9  | 31.8   | 31.8  | 31.7   | 31.7  | 31.6   |
| -45°    | 31.8  | 31.8  | 31.8  | 31.8  | 31.7   | 31.7  | 31.6   | 31.6  | 31.5   | 31.5  | 31.4   |
| -46.25° | 31.6  | 31.6  | 31.6  | 31.6  | 31.5   | 31.5  | 31.4   | 31.3  | 31.2   | 31.1  | 31.0   |
| -47.5°  | 31.4  | 31.4  | 31.3  | 31.2  | 31.2   | 31.1  | 31.0   | 30.9  | 30.8   | 30.7  | 30.7   |
| -48.75° | 31.0  | 31.0  | 30.9  | 30.9  | 30.8   | 30.7  | 30.7   | 30.6  | 30.6   | 30.5  | 30.5   |
| -50°    | 30.7  | 30.6  | 30.6  | 30.6  | 30.6   | 30.5  | 30.5   | 30.4  | 30.4   | 30.3  | 30.3   |
| -51.25° | 30.5  | 30.4  | 30.4  | 30.4  | 30.4   | 30.3  | 30.3   | 30.1  | 30.0   | 29.9  | 29.7   |
| -52.5°  | 30.2  | 30.1  | 30.0  | 30.0  | 29.9   | 29.8  | 29.7   | 29.5  | 29.4   | 29.3  | 29.1   |
| -53.75° | 29.5  | 29.5  | 29.4  | 29.3  | 29.2   | 29.1  | 29.0   | 28.9  | 28.7   | 28.5  | 28.2   |
| -55°    | 28.8  | 28.7  | 28.6  | 28.5  | 28.4   | 28.2  | 28.1   | 27.9  | 27.7   | 27.5  | 27.3   |
| -56.25° | 27.8  | 27.7  | 27.6  | 27.5  | 27.4   | 27.3  | 27.1   | 27.0  | 26.8   | 26.6  | 26.4   |
| -57.5°  | 26.8  | 26.8  | 26.7  | 26.6  | 26.4   | 26.3  | 26.2   | 26.0  | 25.8   | 25.7  | 25.5   |
| -58.75° | 25.8  | 25.8  | 25.7  | 25.6  | 25.5   | 25.3  | 25.2   | 25.1  | 24.9   | 24.7  | 24.5   |
| -60°    | 24.8  | 24.8  | 24.7  | 24.6  | 24.5   | 24.3  | 24.2   | 24.1  | 23.9   | 23.7  | 23.5   |
| -61.25° | 23.8  | 23.7  | 23.6  | 23.5  | 23.4   | 23.3  | 23.2   | 23.1  | 22.9   | 22.7  | 22.4   |
| -62.5°  | 22.7  | 22.6  | 22.5  | 22.4  | 22.2   | 22.1  | 21.9   | 21.7  | 21.5   | 21.3  | 21.1   |
| -63.75° | 21.3  | 21.2  | 21.1  | 21.0  | 20.8   | 20.7  | 20.5   | 20.3  | 20.1   | 19.9  | 19.7   |
| -65°    | 19.8  | 19.7  | 19.6  | 19.4  | 19.3   | 19.1  | 18.9   | 18.7  | 18.5   | 18.2  | 18.0   |
| -66.25° | 18.0  | 17.9  | 17.8  | 17.6  | 17.5   | 17.3  | 17.2   | 17.0  | 16.8   | 16.5  | 16.3   |
| -67.5°  | 16.2  | 16.2  | 16.1  | 16.0  | 15.9   | 15.7  | 15.6   | 15.5  | 15.3   | 15.1  | 14.9   |
| -68.75° | 14.8  | 14.7  | 14.6  | 14.6  | 14.5   | 14.3  | 14.2   | 14.1  | 13.9   | 13.8  | 13.6   |
| -70°    | 13.4  | 13.3  | 13.2  | 13.1  | 13.0   | 12.9  | 12.8   | 12.7  | 12.5   | 12.4  | 12.2   |
| -71.25° | 11.9  | 11.9  | 11.8  | 11.7  | 11.6   | 11.5  | 11.4   | 11.3  | 11.2   | 11.0  | 10.9   |
| -72.5°  | 10.5  | 10.5  | 10.5  | 10.4  | 10.4   | 10.3  | 10.3   | 10.2  | 10.1   | 10.1  | 10.0   |
| -73.75° | 9.7   | 9.7   | 9.7   | 9.6   | 9.6    | 9.5   | 9.5    | 9.4   | 9.4    | 9.3   | 9.2    |
| -75°    | 9.0   | 9.0   | 8.9   | 8.9   | 8.9    | 8.9   | 8.9    | 8.8   | 8.8    | 8.8   | 8.7    |
| -76.25° | 8.6   | 8.6   | 8.5   | 8.5   | 8.5    | 8.5   | 8.5    | 8.4   | 8.4    | 8.4   | 8.4    |
| -77.5°  | 8.2   | 8.1   | 8.1   | 8.1   | 8.1    | 8.1   | 8.0    | 8.0   | 8.0    | 7.9   | 7.9    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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° | 7.6   | 7.6  | 7.5   | 7.5 | 7.5    | 7.5   | 7.4    | 7.4 | 7.4    | 7.3   | 7.3    |
| -80°    | 6.9   | 6.9  | 6.9   | 6.9 | 6.8    | 6.8   | 6.8    | 6.7 | 6.7    | 6.6   | 6.5    |
| -81.25° | 5.9   | 5.9  | 5.9   | 5.8 | 5.8    | 5.8   | 5.7    | 5.7 | 5.7    | 5.6   | 5.6    |
| -82.5°  | 4.9   | 4.9  | 4.8   | 4.8 | 4.8    | 4.8   | 4.8    | 4.7 | 4.7    | 4.7   | 4.6    |
| -83.75° | 4.1   | 4.1  | 4.1   | 4.0 | 4.0    | 4.0   | 4.0    | 4.0 | 3.9    | 3.9   | 3.9    |
| -85°    | 3.3   | 3.3  | 3.3   | 3.2 | 3.2    | 3.2   | 3.2    | 3.2 | 3.2    | 3.1   | 3.1    |
| -86.25° | 2.4   | 2.4  | 2.4   | 2.4 | 2.4    | 2.4   | 2.4    | 2.4 | 2.3    | 2.3   | 2.3    |
| -87.5°  | 1.6   | 1.6  | 1.6   | 1.6 | 1.6    | 1.6   | 1.6    | 1.5 | 1.5    | 1.5   | 1.5    |
| -88.75° | 0.8   | 0.8  | 0.8   | 0.8 | 0.8    | 0.8   | 0.8    | 0.8 | 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: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 20°  | 21.25° | 22.5° | 23.75° | 25°  | 26.25° | 27.5° | 28.75° | 30°  | 31.25° | 32.5° |
|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|
| 90°    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   |
| 88.75° | 0.8  | 0.7    | 0.7   | 0.7    | 0.7  | 0.7    | 0.7   | 0.7    | 0.7  | 0.7    | 0.7   |
| 87.5°  | 1.5  | 1.5    | 1.5   | 1.5    | 1.5  | 1.4    | 1.4   | 1.4    | 1.4  | 1.4    | 1.3   |
| 86.25° | 2.3  | 2.3    | 2.3   | 2.2    | 2.2  | 2.2    | 2.2   | 2.1    | 2.1  | 2.1    | 2.1   |
| 85°    | 3.1  | 3.1    | 3.0   | 3.0    | 3.0  | 2.9    | 2.9   | 2.9    | 2.8  | 2.8    | 2.8   |
| 83.75° | 3.9  | 3.8    | 3.8   | 3.8    | 3.7  | 3.7    | 3.6   | 3.6    | 3.6  | 3.5    | 3.5   |
| 82.5°  | 4.6  | 4.6    | 4.5   | 4.5    | 4.4  | 4.4    | 4.4   | 4.3    | 4.3  | 4.2    | 4.1   |
| 81.25° | 5.5  | 5.4    | 5.4   | 5.3    | 5.3  | 5.2    | 5.1   | 5.0    | 5.0  | 4.9    | 4.8   |
| 80°    | 6.5  | 6.4    | 6.4   | 6.3    | 6.2  | 6.1    | 6.0   | 6.0    | 5.9  | 5.8    | 5.7   |
| 78.75° | 7.3  | 7.2    | 7.2   | 7.1    | 7.1  | 7.0    | 7.0   | 6.9    | 6.8  | 6.7    | 6.6   |
| 77.5°  | 7.8  | 7.8    | 7.7   | 7.7    | 7.6  | 7.6    | 7.5   | 7.5    | 7.4  | 7.3    | 7.2   |
| 76.25° | 8.3  | 8.3    | 8.3   | 8.2    | 8.2  | 8.1    | 8.0   | 8.0    | 7.9  | 7.8    | 7.8   |
| 75°    | 8.7  | 8.7    | 8.6   | 8.6    | 8.5  | 8.5    | 8.4   | 8.4    | 8.3  | 8.3    | 8.2   |
| 73.75° | 9.2  | 9.1    | 9.0   | 8.9    | 8.9  | 8.9    | 8.8   | 8.7    | 8.7  | 8.6    | 8.6   |
| 72.5°  | 9.9  | 9.8    | 9.7   | 9.6    | 9.5  | 9.4    | 9.3   | 9.2    | 9.1  | 9.0    | 8.9   |
| 71.25° | 10.7 | 10.6   | 10.5  | 10.4   | 10.2 | 10.1   | 10.0  | 9.9    | 9.7  | 9.6    | 9.5   |
| 70°    | 12.0 | 11.9   | 11.7  | 11.5   | 11.2 | 11.0   | 10.8  | 10.6   | 10.4 | 10.3   | 10.1  |
| 68.75° | 13.4 | 13.2   | 13.0  | 12.8   | 12.5 | 12.3   | 12.1  | 11.8   | 11.5 | 11.2   | 10.9  |
| 67.5°  | 14.7 | 14.5   | 14.3  | 14.1   | 13.8 | 13.6   | 13.3  | 13.0   | 12.8 | 12.5   | 12.1  |
| 66.25° | 16.1 | 15.9   | 15.6  | 15.4   | 15.1 | 14.9   | 14.6  | 14.3   | 14.0 | 13.7   | 13.3  |
| 65°    | 17.7 | 17.4   | 17.1  | 16.8   | 16.4 | 16.1   | 15.8  | 15.5   | 15.2 | 14.9   | 14.5  |
| 63.75° | 19.4 | 19.1   | 18.7  | 18.4   | 18.0 | 17.7   | 17.3  | 16.9   | 16.4 | 16.1   | 15.7  |
| 62.5°  | 20.8 | 20.6   | 20.3  | 20.0   | 19.6 | 19.2   | 18.8  | 18.4   | 17.9 | 17.5   | 17.0  |
| 61.25° | 22.2 | 21.9   | 21.6  | 21.3   | 21.0 | 20.6   | 20.3  | 19.9   | 19.4 | 19.0   | 18.5  |
| 60°    | 23.3 | 23.1   | 22.9  | 22.6   | 22.3 | 21.9   | 21.5  | 21.2   | 20.8 | 20.4   | 19.9  |
| 58.75° | 24.3 | 24.1   | 23.9  | 23.6   | 23.4 | 23.1   | 22.8  | 22.4   | 22.0 | 21.5   | 21.1  |
| 57.5°  | 25.3 | 25.0   | 24.8  | 24.5   | 24.3 | 24.0   | 23.7  | 23.4   | 23.1 | 22.7   | 22.3  |
| 56.25° | 26.2 | 25.9   | 25.7  | 25.5   | 25.2 | 24.9   | 24.6  | 24.3   | 24.0 | 23.6   | 23.3  |
| 55°    | 27.1 | 26.9   | 26.6  | 26.3   | 26.1 | 25.8   | 25.5  | 25.2   | 24.8 | 24.5   | 24.1  |
| 53.75° | 28.0 | 27.8   | 27.5  | 27.2   | 26.9 | 26.6   | 26.3  | 26.0   | 25.6 | 25.3   | 24.9  |
| 52.5°  | 28.9 | 28.7   | 28.4  | 28.1   | 27.8 | 27.5   | 27.1  | 26.8   | 26.5 | 26.1   | 25.7  |
| 51.25° | 29.5 | 29.4   | 29.2  | 29.0   | 28.6 | 28.3   | 28.0  | 27.6   | 27.3 | 26.9   | 26.5  |
| 50°    | 30.1 | 29.9   | 29.7  | 29.5   | 29.3 | 29.1   | 28.8  | 28.4   | 28.1 | 27.7   | 27.3  |
| 48.75° | 30.4 | 30.4   | 30.3  | 30.1   | 29.9 | 29.7   | 29.4  | 29.2   | 28.9 | 28.4   | 28.0  |
| 47.5°  | 30.6 | 30.5   | 30.5  | 30.4   | 30.3 | 30.2   | 29.9  | 29.7   | 29.4 | 29.1   | 28.8  |
| 46.25° | 30.9 | 30.7   | 30.7  | 30.6   | 30.5 | 30.4   | 30.4  | 30.2   | 29.9 | 29.6   | 29.4  |
| 45°    | 31.2 | 31.1   | 31.0  | 30.8   | 30.7 | 30.6   | 30.5  | 30.4   | 30.3 | 30.1   | 29.8  |
| 43.75° | 31.5 | 31.4   | 31.3  | 31.1   | 31.0 | 30.8   | 30.7  | 30.6   | 30.5 | 30.4   | 30.3  |
| 42.5°  | 31.7 | 31.6   | 31.6  | 31.5   | 31.3 | 31.1   | 31.0  | 30.8   | 30.6 | 30.6   | 30.5  |
| 41.25° | 31.9 | 31.8   | 31.7  | 31.7   | 31.6 | 31.5   | 31.3  | 31.1   | 30.9 | 30.7   | 30.6  |
| 40°    | 32.2 | 32.1   | 31.9  | 31.8   | 31.7 | 31.6   | 31.5  | 31.4   | 31.2 | 31.0   | 30.8  |
| 38.75° | 32.6 | 32.4   | 32.3  | 32.1   | 31.9 | 31.8   | 31.7  | 31.6   | 31.5 | 31.3   | 31.1  |
| 37.5°  | 32.9 | 32.8   | 32.6  | 32.4   | 32.2 | 32.0   | 31.9  | 31.8   | 31.6 | 31.5   | 31.3  |
| 36.25° | 33.3 | 33.1   | 32.9  | 32.7   | 32.5 | 32.3   | 32.1  | 31.9   | 31.8 | 31.7   | 31.6  |
| 35°    | 33.7 | 33.4   | 33.2  | 33.0   | 32.8 | 32.6   | 32.4  | 32.2   | 32.0 | 31.8   | 31.7  |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 20°   | 21.25° | 22.5° | 23.75° | 25°   | 26.25° | 27.5° | 28.75° | 30°  | 31.25° | 32.5° |
|---------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|-------|
| 33.75°  | 34.4  | 34.0   | 33.6  | 33.4   | 33.1  | 32.9   | 32.7  | 32.5   | 32.2 | 32.0   | 31.8  |
| 32.5°   | 35.1  | 34.7   | 34.3  | 33.9   | 33.5  | 33.2   | 33.0  | 32.8   | 32.5 | 32.3   | 32.0  |
| 31.25°  | 36.8  | 35.7   | 35.0  | 34.5   | 34.0  | 33.5   | 33.3  | 33.0   | 32.8 | 32.5   | 32.3  |
| 30°     | 38.4  | 37.4   | 36.2  | 35.2   | 34.7  | 34.2   | 33.6  | 33.3   | 33.0 | 32.8   | 32.5  |
| 28.75°  | 41.5  | 39.0   | 37.8  | 36.6   | 35.4  | 34.8   | 34.2  | 33.7   | 33.3 | 33.0   | 32.8  |
| 27.5°   | 46.2  | 42.9   | 39.5  | 38.1   | 36.8  | 35.5   | 34.8  | 34.2   | 33.6 | 33.3   | 33.0  |
| 26.25°  | 50.8  | 47.4   | 43.8  | 40.1   | 38.3  | 36.9   | 35.5  | 34.8   | 34.2 | 33.5   | 33.2  |
| 25°     | 55.6  | 51.8   | 48.1  | 44.3   | 40.4  | 38.3   | 36.8  | 35.4   | 34.7 | 34.0   | 33.5  |
| 23.75°  | 60.4  | 56.4   | 52.3  | 48.3   | 44.3  | 40.1   | 38.1  | 36.6   | 35.2 | 34.5   | 33.9  |
| 22.5°   | 65.4  | 60.9   | 56.7  | 52.3   | 48.1  | 43.8   | 39.5  | 37.8   | 36.2 | 35.0   | 34.3  |
| 21.25°  | 72.7  | 65.8   | 60.9  | 56.4   | 51.8  | 47.4   | 42.9  | 39.0   | 37.4 | 35.7   | 34.7  |
| 20°     | 87.4  | 72.7   | 65.4  | 60.4   | 55.6  | 50.8   | 46.2  | 41.5   | 38.4 | 36.8   | 35.1  |
| 18.75°  | 118.2 | 86.3   | 70.9  | 64.3   | 59.3  | 54.3   | 49.4  | 44.6   | 39.7 | 37.7   | 36.0  |
| 17.5°   | 156.4 | 113.8  | 83.4  | 69.1   | 62.8  | 57.7   | 52.5  | 47.5   | 42.5 | 38.7   | 36.9  |
| 16.25°  | 198.8 | 147.3  | 105.2 | 78.6   | 66.9  | 60.9   | 55.6  | 50.3   | 45.2 | 40.1   | 37.8  |
| 15°     | 242.3 | 184.2  | 132.3 | 92.3   | 72.0  | 64.0   | 58.5  | 53.0   | 47.7 | 42.5   | 38.6  |
| 13.75°  | 284.7 | 223.2  | 164.1 | 114.8  | 81.8  | 67.7   | 61.2  | 55.6   | 50.0 | 44.7   | 39.3  |
| 12.5°   | 325.2 | 260.8  | 197.4 | 140.0  | 95.5  | 72.4   | 63.8  | 58.0   | 52.2 | 46.8   | 41.3  |
| 11.25°  | 362.2 | 296.1  | 229.7 | 166.2  | 113.9 | 80.4   | 66.8  | 60.3   | 54.4 | 48.6   | 43.1  |
| 10°     | 394.2 | 329.0  | 260.2 | 193.0  | 133.2 | 88.4   | 69.6  | 62.3   | 56.3 | 50.4   | 44.8  |
| 8.75°   | 421.5 | 358.2  | 287.8 | 218.2  | 153.6 | 102.7  | 74.5  | 64.2   | 58.0 | 52.0   | 46.2  |
| 7.5°    | 443.9 | 382.4  | 312.5 | 240.7  | 171.5 | 115.3  | 80.0  | 66.2   | 59.5 | 53.4   | 47.5  |
| 6.25°   | 462.7 | 403.3  | 333.8 | 260.5  | 189.3 | 126.9  | 84.6  | 68.0   | 60.8 | 54.6   | 48.6  |
| 5°      | 476.8 | 419.2  | 351.4 | 276.8  | 204.2 | 139.0  | 90.2  | 69.4   | 61.9 | 55.6   | 49.5  |
| 3.75°   | 487.9 | 431.1  | 364.4 | 289.7  | 215.9 | 148.5  | 96.8  | 70.9   | 62.7 | 56.4   | 50.2  |
| 2.5°    | 495.9 | 439.7  | 373.6 | 299.1  | 224.3 | 155.3  | 101.5 | 72.9   | 63.3 | 57.0   | 50.7  |
| 1.25°   | 500.8 | 444.9  | 379.2 | 304.7  | 229.4 | 159.4  | 104.4 | 74.2   | 63.7 | 57.3   | 51.0  |
| 0°      | 502.4 | 446.6  | 381.1 | 306.7  | 231.1 | 160.7  | 105.4 | 74.6   | 63.8 | 57.5   | 51.1  |
| -1.25°  | 500.8 | 444.9  | 379.2 | 304.7  | 229.4 | 159.4  | 104.4 | 74.2   | 63.7 | 57.3   | 51.0  |
| -2.5°   | 495.9 | 439.7  | 373.6 | 299.1  | 224.3 | 155.3  | 101.5 | 72.9   | 63.3 | 57.0   | 50.7  |
| -3.75°  | 487.9 | 431.1  | 364.4 | 289.7  | 215.9 | 148.5  | 96.8  | 70.9   | 62.7 | 56.4   | 50.2  |
| -5°     | 476.8 | 419.2  | 351.4 | 276.8  | 204.2 | 139.0  | 90.2  | 69.4   | 61.9 | 55.6   | 49.5  |
| -6.25°  | 462.7 | 403.3  | 333.8 | 260.5  | 189.3 | 126.9  | 84.6  | 68.0   | 60.8 | 54.6   | 48.6  |
| -7.5°   | 443.9 | 382.4  | 312.5 | 240.7  | 171.5 | 115.3  | 80.0  | 66.2   | 59.5 | 53.4   | 47.5  |
| -8.75°  | 421.5 | 358.2  | 287.8 | 218.2  | 153.6 | 102.7  | 74.5  | 64.2   | 58.0 | 52.0   | 46.2  |
| -10°    | 394.2 | 329.0  | 260.2 | 193.0  | 133.2 | 88.4   | 69.6  | 62.3   | 56.3 | 50.4   | 44.8  |
| -11.25° | 362.2 | 296.1  | 229.7 | 166.2  | 113.9 | 80.4   | 66.8  | 60.3   | 54.4 | 48.6   | 43.1  |
| -12.5°  | 325.2 | 260.8  | 197.4 | 140.0  | 95.5  | 72.4   | 63.8  | 58.0   | 52.2 | 46.8   | 41.3  |
| -13.75° | 284.7 | 223.2  | 164.1 | 114.8  | 81.8  | 67.7   | 61.2  | 55.6   | 50.0 | 44.7   | 39.3  |
| -15°    | 242.3 | 184.2  | 132.3 | 92.3   | 72.0  | 64.0   | 58.5  | 53.0   | 47.7 | 42.5   | 38.6  |
| -16.25° | 198.8 | 147.3  | 105.2 | 78.6   | 66.9  | 60.9   | 55.6  | 50.3   | 45.2 | 40.1   | 37.8  |
| -17.5°  | 156.4 | 113.8  | 83.4  | 69.1   | 62.8  | 57.7   | 52.5  | 47.5   | 42.5 | 38.7   | 36.9  |
| -18.75° | 118.2 | 86.3   | 70.9  | 64.3   | 59.3  | 54.3   | 49.4  | 44.6   | 39.7 | 37.7   | 36.0  |
| -20°    | 87.4  | 72.7   | 65.4  | 60.4   | 55.6  | 50.8   | 46.2  | 41.5   | 38.4 | 36.8   | 35.1  |
| -21.25° | 72.7  | 65.8   | 60.9  | 56.4   | 51.8  | 47.4   | 42.9  | 39.0   | 37.4 | 35.7   | 34.7  |





REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 20°  | 21.25° | 22.5° | 23.75° | 25°  | 26.25° | 27.5° | 28.75° | 30°  | 31.25° | 32.5° |
|---------|------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|
| -22.5°  | 65.4 | 60.9   | 56.7  | 52.3   | 48.1 | 43.8   | 39.5  | 37.8   | 36.2 | 35.0   | 34.3  |
| -23.75° | 60.4 | 56.4   | 52.3  | 48.3   | 44.3 | 40.1   | 38.1  | 36.6   | 35.2 | 34.5   | 33.9  |
| -25°    | 55.6 | 51.8   | 48.1  | 44.3   | 40.4 | 38.3   | 36.8  | 35.4   | 34.7 | 34.0   | 33.5  |
| -26.25° | 50.8 | 47.4   | 43.8  | 40.1   | 38.3 | 36.9   | 35.5  | 34.8   | 34.2 | 33.5   | 33.2  |
| -27.5°  | 46.2 | 42.9   | 39.5  | 38.1   | 36.8 | 35.5   | 34.8  | 34.2   | 33.6 | 33.3   | 33.0  |
| -28.75° | 41.5 | 39.0   | 37.8  | 36.6   | 35.4 | 34.8   | 34.2  | 33.7   | 33.3 | 33.0   | 32.8  |
| -30°    | 38.4 | 37.4   | 36.2  | 35.2   | 34.7 | 34.2   | 33.6  | 33.3   | 33.0 | 32.8   | 32.5  |
| -31.25° | 36.8 | 35.7   | 35.0  | 34.5   | 34.0 | 33.5   | 33.3  | 33.0   | 32.8 | 32.5   | 32.3  |
| -32.5°  | 35.1 | 34.7   | 34.3  | 33.9   | 33.5 | 33.2   | 33.0  | 32.8   | 32.5 | 32.3   | 32.0  |
| -33.75° | 34.4 | 34.0   | 33.6  | 33.4   | 33.1 | 32.9   | 32.7  | 32.5   | 32.2 | 32.0   | 31.8  |
| -35°    | 33.7 | 33.4   | 33.2  | 33.0   | 32.8 | 32.6   | 32.4  | 32.2   | 32.0 | 31.8   | 31.7  |
| -36.25° | 33.3 | 33.1   | 32.9  | 32.7   | 32.5 | 32.3   | 32.1  | 31.9   | 31.8 | 31.7   | 31.6  |
| -37.5°  | 32.9 | 32.8   | 32.6  | 32.4   | 32.2 | 32.0   | 31.9  | 31.8   | 31.6 | 31.5   | 31.3  |
| -38.75° | 32.6 | 32.4   | 32.3  | 32.1   | 31.9 | 31.8   | 31.7  | 31.6   | 31.5 | 31.3   | 31.1  |
| -40°    | 32.2 | 32.1   | 31.9  | 31.8   | 31.7 | 31.6   | 31.5  | 31.4   | 31.2 | 31.0   | 30.8  |
| -41.25° | 31.9 | 31.8   | 31.7  | 31.7   | 31.6 | 31.5   | 31.3  | 31.1   | 30.9 | 30.7   | 30.6  |
| -42.5°  | 31.7 | 31.6   | 31.6  | 31.5   | 31.3 | 31.1   | 31.0  | 30.8   | 30.6 | 30.6   | 30.5  |
| -43.75° | 31.5 | 31.4   | 31.3  | 31.1   | 31.0 | 30.8   | 30.7  | 30.6   | 30.5 | 30.4   | 30.3  |
| -45°    | 31.2 | 31.1   | 31.0  | 30.8   | 30.7 | 30.6   | 30.5  | 30.4   | 30.3 | 30.1   | 29.8  |
| -46.25° | 30.9 | 30.7   | 30.7  | 30.6   | 30.5 | 30.4   | 30.4  | 30.2   | 29.9 | 29.6   | 29.4  |
| -47.5°  | 30.6 | 30.5   | 30.5  | 30.4   | 30.3 | 30.2   | 29.9  | 29.7   | 29.4 | 29.1   | 28.8  |
| -48.75° | 30.4 | 30.4   | 30.3  | 30.1   | 29.9 | 29.7   | 29.4  | 29.2   | 28.9 | 28.4   | 28.0  |
| -50°    | 30.1 | 29.9   | 29.7  | 29.5   | 29.3 | 29.1   | 28.8  | 28.4   | 28.1 | 27.7   | 27.3  |
| -51.25° | 29.5 | 29.4   | 29.2  | 29.0   | 28.6 | 28.3   | 28.0  | 27.6   | 27.3 | 26.9   | 26.5  |
| -52.5°  | 28.9 | 28.7   | 28.4  | 28.1   | 27.8 | 27.5   | 27.1  | 26.8   | 26.5 | 26.1   | 25.7  |
| -53.75° | 28.0 | 27.8   | 27.5  | 27.2   | 26.9 | 26.6   | 26.3  | 26.0   | 25.6 | 25.3   | 24.9  |
| -55°    | 27.1 | 26.9   | 26.6  | 26.3   | 26.1 | 25.8   | 25.5  | 25.2   | 24.8 | 24.5   | 24.1  |
| -56.25° | 26.2 | 25.9   | 25.7  | 25.5   | 25.2 | 24.9   | 24.6  | 24.3   | 24.0 | 23.6   | 23.3  |
| -57.5°  | 25.3 | 25.0   | 24.8  | 24.5   | 24.3 | 24.0   | 23.7  | 23.4   | 23.1 | 22.7   | 22.3  |
| -58.75° | 24.3 | 24.1   | 23.9  | 23.6   | 23.4 | 23.1   | 22.8  | 22.4   | 22.0 | 21.5   | 21.1  |
| -60°    | 23.3 | 23.1   | 22.9  | 22.6   | 22.3 | 21.9   | 21.5  | 21.2   | 20.8 | 20.4   | 19.9  |
| -61.25° | 22.2 | 21.9   | 21.6  | 21.3   | 21.0 | 20.6   | 20.3  | 19.9   | 19.4 | 19.0   | 18.5  |
| -62.5°  | 20.8 | 20.6   | 20.3  | 20.0   | 19.6 | 19.2   | 18.8  | 18.4   | 17.9 | 17.5   | 17.0  |
| -63.75° | 19.4 | 19.1   | 18.7  | 18.4   | 18.0 | 17.7   | 17.3  | 16.9   | 16.4 | 16.1   | 15.7  |
| -65°    | 17.7 | 17.4   | 17.1  | 16.8   | 16.4 | 16.1   | 15.8  | 15.5   | 15.2 | 14.9   | 14.5  |
| -66.25° | 16.1 | 15.9   | 15.6  | 15.4   | 15.1 | 14.9   | 14.6  | 14.3   | 14.0 | 13.7   | 13.3  |
| -67.5°  | 14.7 | 14.5   | 14.3  | 14.1   | 13.8 | 13.6   | 13.3  | 13.0   | 12.8 | 12.5   | 12.1  |
| -68.75° | 13.4 | 13.2   | 13.0  | 12.8   | 12.5 | 12.3   | 12.1  | 11.8   | 11.5 | 11.2   | 10.9  |
| -70°    | 12.0 | 11.9   | 11.7  | 11.5   | 11.2 | 11.0   | 10.8  | 10.6   | 10.4 | 10.3   | 10.1  |
| -71.25° | 10.7 | 10.6   | 10.5  | 10.4   | 10.2 | 10.1   | 10.0  | 9.9    | 9.7  | 9.6    | 9.5   |
| -72.5°  | 9.9  | 9.8    | 9.7   | 9.6    | 9.5  | 9.4    | 9.3   | 9.2    | 9.1  | 9.0    | 8.9   |
| -73.75° | 9.2  | 9.1    | 9.0   | 8.9    | 8.9  | 8.9    | 8.8   | 8.7    | 8.7  | 8.6    | 8.6   |
| -75°    | 8.7  | 8.7    | 8.6   | 8.6    | 8.5  | 8.5    | 8.4   | 8.4    | 8.3  | 8.3    | 8.2   |
| -76.25° | 8.3  | 8.3    | 8.3   | 8.2    | 8.2  | 8.1    | 8.0   | 8.0    | 7.9  | 7.8    | 7.8   |
| -77.5°  | 7.8  | 7.8    | 7.7   | 7.7    | 7.6  | 7.6    | 7.5   | 7.5    | 7.4  | 7.3    | 7.2   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -78.75° | 7.3 | 7.2    | 7.2   | 7.1    | 7.1 | 7.0    | 7.0   | 6.9    | 6.8 | 6.7    | 6.6   |
| -80°    | 6.5 | 6.4    | 6.4   | 6.3    | 6.2 | 6.1    | 6.0   | 6.0    | 5.9 | 5.8    | 5.7   |
| -81.25° | 5.5 | 5.4    | 5.4   | 5.3    | 5.3 | 5.2    | 5.1   | 5.0    | 5.0 | 4.9    | 4.8   |
| -82.5°  | 4.6 | 4.6    | 4.5   | 4.5    | 4.4 | 4.4    | 4.4   | 4.3    | 4.3 | 4.2    | 4.1   |
| -83.75° | 3.9 | 3.8    | 3.8   | 3.8    | 3.7 | 3.7    | 3.6   | 3.6    | 3.6 | 3.5    | 3.5   |
| -85°    | 3.1 | 3.1    | 3.0   | 3.0    | 3.0 | 2.9    | 2.9   | 2.9    | 2.8 | 2.8    | 2.8   |
| -86.25° | 2.3 | 2.3    | 2.3   | 2.2    | 2.2 | 2.2    | 2.2   | 2.1    | 2.1 | 2.1    | 2.1   |
| -87.5°  | 1.5 | 1.5    | 1.5   | 1.5    | 1.5 | 1.4    | 1.4   | 1.4    | 1.4 | 1.4    | 1.3   |
| -88.75° | 0.8 | 0.7    | 0.7   | 0.7    | 0.7 | 0.7    | 0.7   | 0.7    | 0.7 | 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   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 33.75° | 35°  | 36.25° | 37.5° | 38.75° | 40°  | 41.25° | 42.5° | 43.75° | 45°  | 46.25° |
|--------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|
| 90°    | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    |
| 88.75° | 0.7    | 0.7  | 0.6    | 0.6   | 0.6    | 0.6  | 0.6    | 0.6   | 0.6    | 0.6  | 0.6    |
| 87.5°  | 1.3    | 1.3  | 1.3    | 1.3   | 1.2    | 1.2  | 1.2    | 1.2   | 1.2    | 1.1  | 1.1    |
| 86.25° | 2.0    | 2.0  | 2.0    | 1.9   | 1.9    | 1.9  | 1.8    | 1.8   | 1.7    | 1.7  | 1.7    |
| 85°    | 2.7    | 2.7  | 2.6    | 2.6   | 2.6    | 2.5  | 2.5    | 2.4   | 2.4    | 2.3  | 2.2    |
| 83.75° | 3.4    | 3.4  | 3.3    | 3.3   | 3.2    | 3.2  | 3.1    | 3.0   | 3.0    | 2.9  | 2.8    |
| 82.5°  | 4.1    | 4.0  | 4.0    | 3.9   | 3.8    | 3.8  | 3.7    | 3.6   | 3.6    | 3.5  | 3.4    |
| 81.25° | 4.8    | 4.7  | 4.6    | 4.5   | 4.5    | 4.4  | 4.3    | 4.2   | 4.1    | 4.1  | 4.0    |
| 80°    | 5.6    | 5.5  | 5.4    | 5.3   | 5.1    | 5.0  | 4.9    | 4.8   | 4.7    | 4.6  | 4.5    |
| 78.75° | 6.4    | 6.3  | 6.2    | 6.1   | 6.0    | 5.8  | 5.7    | 5.5   | 5.4    | 5.3  | 5.1    |
| 77.5°  | 7.2    | 7.1  | 7.0    | 6.9   | 6.8    | 6.6  | 6.5    | 6.3   | 6.2    | 6.0  | 5.8    |
| 76.25° | 7.7    | 7.6  | 7.5    | 7.4   | 7.3    | 7.2  | 7.1    | 7.0   | 6.9    | 6.7  | 6.5    |
| 75°    | 8.2    | 8.1  | 8.0    | 7.9   | 7.8    | 7.7  | 7.6    | 7.5   | 7.4    | 7.3  | 7.1    |
| 73.75° | 8.5    | 8.4  | 8.4    | 8.3   | 8.2    | 8.1  | 8.0    | 7.9   | 7.8    | 7.7  | 7.6    |
| 72.5°  | 8.8    | 8.8  | 8.7    | 8.6   | 8.5    | 8.5  | 8.4    | 8.3   | 8.2    | 8.1  | 8.0    |
| 71.25° | 9.3    | 9.2  | 9.0    | 8.9   | 8.8    | 8.8  | 8.7    | 8.6   | 8.5    | 8.4  | 8.3    |
| 70°    | 10.0   | 9.8  | 9.6    | 9.5   | 9.3    | 9.1  | 9.0    | 8.9   | 8.8    | 8.7  | 8.6    |
| 68.75° | 10.6   | 10.5 | 10.3   | 10.1  | 9.9    | 9.7  | 9.5    | 9.3   | 9.1    | 9.0  | 8.8    |
| 67.5°  | 11.8   | 11.5 | 11.2   | 10.8  | 10.5   | 10.3 | 10.1   | 9.9   | 9.7    | 9.4  | 9.2    |
| 66.25° | 13.0   | 12.6 | 12.3   | 11.9  | 11.5   | 11.1 | 10.7   | 10.5  | 10.2   | 10.0 | 9.7    |
| 65°    | 14.2   | 13.8 | 13.4   | 13.0  | 12.6   | 12.2 | 11.8   | 11.4  | 10.9   | 10.5 | 10.3   |
| 63.75° | 15.3   | 14.9 | 14.5   | 14.1  | 13.7   | 13.3 | 12.8   | 12.4  | 11.9   | 11.4 | 11.0   |
| 62.5°  | 16.5   | 16.1 | 15.7   | 15.2  | 14.8   | 14.3 | 13.9   | 13.4  | 12.9   | 12.4 | 11.9   |
| 61.25° | 17.9   | 17.4 | 16.9   | 16.3  | 15.9   | 15.4 | 14.9   | 14.4  | 13.9   | 13.4 | 12.8   |
| 60°    | 19.4   | 18.8 | 18.2   | 17.7  | 17.0   | 16.4 | 15.9   | 15.4  | 14.9   | 14.3 | 13.8   |
| 58.75° | 20.6   | 20.2 | 19.6   | 19.0  | 18.4   | 17.7 | 17.1   | 16.4  | 15.8   | 15.3 | 14.7   |
| 57.5°  | 21.8   | 21.3 | 20.8   | 20.3  | 19.7   | 19.0 | 18.3   | 17.6  | 16.9   | 16.2 | 15.6   |
| 56.25° | 22.9   | 22.4 | 21.9   | 21.3  | 20.8   | 20.2 | 19.6   | 18.8  | 18.1   | 17.3 | 16.5   |
| 55°    | 23.7   | 23.3 | 22.9   | 22.4  | 21.8   | 21.2 | 20.6   | 20.0  | 19.2   | 18.5 | 17.6   |
| 53.75° | 24.5   | 24.1 | 23.7   | 23.3  | 22.9   | 22.2 | 21.6   | 21.0  | 20.3   | 19.6 | 18.8   |
| 52.5°  | 25.3   | 24.9 | 24.5   | 24.1  | 23.6   | 23.1 | 22.6   | 21.9  | 21.3   | 20.6 | 19.8   |
| 51.25° | 26.1   | 25.7 | 25.3   | 24.8  | 24.3   | 23.9 | 23.4   | 22.9  | 22.2   | 21.5 | 20.8   |
| 50°    | 26.8   | 26.4 | 26.0   | 25.5  | 25.1   | 24.6 | 24.1   | 23.6  | 23.0   | 22.4 | 21.6   |
| 48.75° | 27.6   | 27.2 | 26.7   | 26.2  | 25.8   | 25.3 | 24.8   | 24.2  | 23.7   | 23.1 | 22.5   |
| 47.5°  | 28.3   | 27.9 | 27.4   | 26.9  | 26.4   | 25.9 | 25.4   | 24.9  | 24.3   | 23.8 | 23.2   |
| 46.25° | 29.1   | 28.6 | 28.1   | 27.6  | 27.1   | 26.6 | 26.1   | 25.5  | 25.0   | 24.4 | 23.8   |
| 45°    | 29.5   | 29.2 | 28.8   | 28.3  | 27.8   | 27.2 | 26.7   | 26.1  | 25.6   | 25.0 | 24.4   |
| 43.75° | 30.0   | 29.7 | 29.3   | 29.0  | 28.4   | 27.9 | 27.3   | 26.7  | 26.2   | 25.6 | 25.0   |
| 42.5°  | 30.3   | 30.1 | 29.8   | 29.4  | 29.1   | 28.5 | 27.9   | 27.3  | 26.7   | 26.1 | 25.5   |
| 41.25° | 30.5   | 30.4 | 30.2   | 29.8  | 29.5   | 29.1 | 28.5   | 27.9  | 27.3   | 26.7 | 26.1   |
| 40°    | 30.6   | 30.5 | 30.4   | 30.3  | 29.9   | 29.5 | 29.1   | 28.5  | 27.9   | 27.2 | 26.6   |
| 38.75° | 30.8   | 30.7 | 30.5   | 30.4  | 30.3   | 29.9 | 29.5   | 29.1  | 28.4   | 27.8 | 27.1   |
| 37.5°  | 31.1   | 30.9 | 30.7   | 30.5  | 30.4   | 30.3 | 29.8   | 29.4  | 29.0   | 28.3 | 27.6   |
| 36.25° | 31.4   | 31.1 | 30.9   | 30.7  | 30.5   | 30.4 | 30.2   | 29.8  | 29.3   | 28.8 | 28.1   |
| 35°    | 31.6   | 31.4 | 31.1   | 30.9  | 30.7   | 30.5 | 30.4   | 30.1  | 29.7   | 29.2 | 28.6   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 33.75° | 35°  | 36.25° | 37.5° | 38.75° | 40°  | 41.25° | 42.5° | 43.75° | 45°  | 46.25° |
|---------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|
| 33.75°  | 31.7   | 31.6 | 31.4   | 31.1  | 30.8   | 30.6 | 30.5   | 30.3  | 30.0   | 29.5 | 29.1   |
| 32.5°   | 31.8   | 31.7 | 31.6   | 31.3  | 31.1   | 30.8 | 30.6   | 30.5  | 30.3   | 29.8 | 29.4   |
| 31.25°  | 32.0   | 31.8 | 31.7   | 31.5  | 31.3   | 31.0 | 30.7   | 30.6  | 30.4   | 30.1 | 29.6   |
| 30°     | 32.2   | 32.0 | 31.8   | 31.6  | 31.5   | 31.2 | 30.9   | 30.6  | 30.5   | 30.3 | 29.9   |
| 28.75°  | 32.5   | 32.2 | 31.9   | 31.8  | 31.6   | 31.4 | 31.1   | 30.8  | 30.6   | 30.4 | 30.2   |
| 27.5°   | 32.7   | 32.4 | 32.1   | 31.9  | 31.7   | 31.5 | 31.3   | 31.0  | 30.7   | 30.5 | 30.4   |
| 26.25°  | 32.9   | 32.6 | 32.3   | 32.0  | 31.8   | 31.6 | 31.5   | 31.1  | 30.8   | 30.6 | 30.4   |
| 25°     | 33.1   | 32.8 | 32.5   | 32.2  | 31.9   | 31.7 | 31.6   | 31.3  | 31.0   | 30.7 | 30.5   |
| 23.75°  | 33.4   | 33.0 | 32.7   | 32.4  | 32.1   | 31.8 | 31.7   | 31.5  | 31.1   | 30.8 | 30.6   |
| 22.5°   | 33.6   | 33.2 | 32.9   | 32.6  | 32.3   | 31.9 | 31.7   | 31.6  | 31.3   | 31.0 | 30.7   |
| 21.25°  | 34.0   | 33.4 | 33.1   | 32.8  | 32.4   | 32.1 | 31.8   | 31.6  | 31.4   | 31.1 | 30.7   |
| 20°     | 34.4   | 33.7 | 33.3   | 32.9  | 32.6   | 32.2 | 31.9   | 31.7  | 31.5   | 31.2 | 30.9   |
| 18.75°  | 34.8   | 34.1 | 33.4   | 33.1  | 32.7   | 32.4 | 32.0   | 31.8  | 31.6   | 31.4 | 31.0   |
| 17.5°   | 35.2   | 34.4 | 33.7   | 33.2  | 32.9   | 32.5 | 32.2   | 31.8  | 31.7   | 31.5 | 31.1   |
| 16.25°  | 36.0   | 34.8 | 34.0   | 33.4  | 33.0   | 32.7 | 32.3   | 31.9  | 31.7   | 31.5 | 31.2   |
| 15°     | 36.7   | 35.1 | 34.3   | 33.5  | 33.1   | 32.8 | 32.4   | 32.0  | 31.8   | 31.6 | 31.3   |
| 13.75°  | 37.4   | 35.6 | 34.6   | 33.8  | 33.3   | 32.9 | 32.5   | 32.1  | 31.8   | 31.6 | 31.4   |
| 12.5°   | 38.1   | 36.2 | 34.8   | 34.0  | 33.4   | 33.0 | 32.6   | 32.2  | 31.9   | 31.7 | 31.5   |
| 11.25°  | 38.7   | 36.8 | 35.0   | 34.2  | 33.5   | 33.1 | 32.7   | 32.3  | 31.9   | 31.7 | 31.5   |
| 10°     | 39.2   | 37.3 | 35.3   | 34.4  | 33.6   | 33.2 | 32.8   | 32.4  | 32.0   | 31.8 | 31.6   |
| 8.75°   | 40.5   | 37.8 | 35.8   | 34.6  | 33.8   | 33.2 | 32.9   | 32.5  | 32.1   | 31.8 | 31.6   |
| 7.5°    | 41.8   | 38.2 | 36.2   | 34.8  | 33.9   | 33.3 | 32.9   | 32.5  | 32.1   | 31.8 | 31.6   |
| 6.25°   | 42.8   | 38.5 | 36.5   | 34.9  | 34.1   | 33.4 | 33.0   | 32.6  | 32.2   | 31.8 | 31.6   |
| 5°      | 43.7   | 38.8 | 36.8   | 35.0  | 34.2   | 33.4 | 33.0   | 32.6  | 32.2   | 31.9 | 31.7   |
| 3.75°   | 44.3   | 39.0 | 37.0   | 35.1  | 34.2   | 33.5 | 33.1   | 32.7  | 32.3   | 31.9 | 31.7   |
| 2.5°    | 44.8   | 39.2 | 37.1   | 35.2  | 34.3   | 33.5 | 33.1   | 32.7  | 32.3   | 31.9 | 31.7   |
| 1.25°   | 45.1   | 39.3 | 37.2   | 35.2  | 34.3   | 33.5 | 33.1   | 32.7  | 32.3   | 31.9 | 31.7   |
| 0°      | 45.2   | 39.3 | 37.3   | 35.2  | 34.4   | 33.5 | 33.1   | 32.7  | 32.3   | 31.9 | 31.7   |
| -1.25°  | 45.1   | 39.3 | 37.2   | 35.2  | 34.3   | 33.5 | 33.1   | 32.7  | 32.3   | 31.9 | 31.7   |
| -2.5°   | 44.8   | 39.2 | 37.1   | 35.2  | 34.3   | 33.5 | 33.1   | 32.7  | 32.3   | 31.9 | 31.7   |
| -3.75°  | 44.3   | 39.0 | 37.0   | 35.1  | 34.2   | 33.5 | 33.1   | 32.7  | 32.3   | 31.9 | 31.7   |
| -5°     | 43.7   | 38.8 | 36.8   | 35.0  | 34.2   | 33.4 | 33.0   | 32.6  | 32.2   | 31.9 | 31.7   |
| -6.25°  | 42.8   | 38.5 | 36.5   | 34.9  | 34.1   | 33.4 | 33.0   | 32.6  | 32.2   | 31.8 | 31.6   |
| -7.5°   | 41.8   | 38.2 | 36.2   | 34.8  | 33.9   | 33.3 | 32.9   | 32.5  | 32.1   | 31.8 | 31.6   |
| -8.75°  | 40.5   | 37.8 | 35.8   | 34.6  | 33.8   | 33.2 | 32.9   | 32.5  | 32.1   | 31.8 | 31.6   |
| -10°    | 39.2   | 37.3 | 35.3   | 34.4  | 33.6   | 33.2 | 32.8   | 32.4  | 32.0   | 31.8 | 31.6   |
| -11.25° | 38.7   | 36.8 | 35.0   | 34.2  | 33.5   | 33.1 | 32.7   | 32.3  | 31.9   | 31.7 | 31.5   |
| -12.5°  | 38.1   | 36.2 | 34.8   | 34.0  | 33.4   | 33.0 | 32.6   | 32.2  | 31.9   | 31.7 | 31.5   |
| -13.75° | 37.4   | 35.6 | 34.6   | 33.8  | 33.3   | 32.9 | 32.5   | 32.1  | 31.8   | 31.6 | 31.4   |
| -15°    | 36.7   | 35.1 | 34.3   | 33.5  | 33.1   | 32.8 | 32.4   | 32.0  | 31.8   | 31.6 | 31.3   |
| -16.25° | 36.0   | 34.8 | 34.0   | 33.4  | 33.0   | 32.7 | 32.3   | 31.9  | 31.7   | 31.5 | 31.2   |
| -17.5°  | 35.2   | 34.4 | 33.7   | 33.2  | 32.9   | 32.5 | 32.2   | 31.8  | 31.7   | 31.5 | 31.1   |
| -18.75° | 34.8   | 34.1 | 33.4   | 33.1  | 32.7   | 32.4 | 32.0   | 31.8  | 31.6   | 31.4 | 31.0   |
| -20°    | 34.4   | 33.7 | 33.3   | 32.9  | 32.6   | 32.2 | 31.9   | 31.7  | 31.5   | 31.2 | 30.9   |
| -21.25° | 34.0   | 33.4 | 33.1   | 32.8  | 32.4   | 32.1 | 31.8   | 31.6  | 31.4   | 31.1 | 30.7   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 33.75° | 35°  | 36.25° | 37.5° | 38.75° | 40°  | 41.25° | 42.5° | 43.75° | 45°  | 46.25° |
|---------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|
| -22.5°  | 33.6   | 33.2 | 32.9   | 32.6  | 32.3   | 31.9 | 31.7   | 31.6  | 31.3   | 31.0 | 30.7   |
| -23.75° | 33.4   | 33.0 | 32.7   | 32.4  | 32.1   | 31.8 | 31.7   | 31.5  | 31.1   | 30.8 | 30.6   |
| -25°    | 33.1   | 32.8 | 32.5   | 32.2  | 31.9   | 31.7 | 31.6   | 31.3  | 31.0   | 30.7 | 30.5   |
| -26.25° | 32.9   | 32.6 | 32.3   | 32.0  | 31.8   | 31.6 | 31.5   | 31.1  | 30.8   | 30.6 | 30.4   |
| -27.5°  | 32.7   | 32.4 | 32.1   | 31.9  | 31.7   | 31.5 | 31.3   | 31.0  | 30.7   | 30.5 | 30.4   |
| -28.75° | 32.5   | 32.2 | 31.9   | 31.8  | 31.6   | 31.4 | 31.1   | 30.8  | 30.6   | 30.4 | 30.2   |
| -30°    | 32.2   | 32.0 | 31.8   | 31.6  | 31.5   | 31.2 | 30.9   | 30.6  | 30.5   | 30.3 | 29.9   |
| -31.25° | 32.0   | 31.8 | 31.7   | 31.5  | 31.3   | 31.0 | 30.7   | 30.6  | 30.4   | 30.1 | 29.6   |
| -32.5°  | 31.8   | 31.7 | 31.6   | 31.3  | 31.1   | 30.8 | 30.6   | 30.5  | 30.3   | 29.8 | 29.4   |
| -33.75° | 31.7   | 31.6 | 31.4   | 31.1  | 30.8   | 30.6 | 30.5   | 30.3  | 30.0   | 29.5 | 29.1   |
| -35°    | 31.6   | 31.4 | 31.1   | 30.9  | 30.7   | 30.5 | 30.4   | 30.1  | 29.7   | 29.2 | 28.6   |
| -36.25° | 31.4   | 31.1 | 30.9   | 30.7  | 30.5   | 30.4 | 30.2   | 29.8  | 29.3   | 28.8 | 28.1   |
| -37.5°  | 31.1   | 30.9 | 30.7   | 30.5  | 30.4   | 30.3 | 29.8   | 29.4  | 29.0   | 28.3 | 27.6   |
| -38.75° | 30.8   | 30.7 | 30.5   | 30.4  | 30.3   | 29.9 | 29.5   | 29.1  | 28.4   | 27.8 | 27.1   |
| -40°    | 30.6   | 30.5 | 30.4   | 30.3  | 29.9   | 29.5 | 29.1   | 28.5  | 27.9   | 27.2 | 26.6   |
| -41.25° | 30.5   | 30.4 | 30.2   | 29.8  | 29.5   | 29.1 | 28.5   | 27.9  | 27.3   | 26.7 | 26.1   |
| -42.5°  | 30.3   | 30.1 | 29.8   | 29.4  | 29.1   | 28.5 | 27.9   | 27.3  | 26.7   | 26.1 | 25.5   |
| -43.75° | 30.0   | 29.7 | 29.3   | 29.0  | 28.4   | 27.9 | 27.3   | 26.7  | 26.2   | 25.6 | 25.0   |
| -45°    | 29.5   | 29.2 | 28.8   | 28.3  | 27.8   | 27.2 | 26.7   | 26.1  | 25.6   | 25.0 | 24.4   |
| -46.25° | 29.1   | 28.6 | 28.1   | 27.6  | 27.1   | 26.6 | 26.1   | 25.5  | 25.0   | 24.4 | 23.8   |
| -47.5°  | 28.3   | 27.9 | 27.4   | 26.9  | 26.4   | 25.9 | 25.4   | 24.9  | 24.3   | 23.8 | 23.2   |
| -48.75° | 27.6   | 27.2 | 26.7   | 26.2  | 25.8   | 25.3 | 24.8   | 24.2  | 23.7   | 23.1 | 22.5   |
| -50°    | 26.8   | 26.4 | 26.0   | 25.5  | 25.1   | 24.6 | 24.1   | 23.6  | 23.0   | 22.4 | 21.6   |
| -51.25° | 26.1   | 25.7 | 25.3   | 24.8  | 24.3   | 23.9 | 23.4   | 22.9  | 22.2   | 21.5 | 20.8   |
| -52.5°  | 25.3   | 24.9 | 24.5   | 24.1  | 23.6   | 23.1 | 22.6   | 21.9  | 21.3   | 20.6 | 19.8   |
| -53.75° | 24.5   | 24.1 | 23.7   | 23.3  | 22.9   | 22.2 | 21.6   | 21.0  | 20.3   | 19.6 | 18.8   |
| -55°    | 23.7   | 23.3 | 22.9   | 22.4  | 21.8   | 21.2 | 20.6   | 20.0  | 19.2   | 18.5 | 17.6   |
| -56.25° | 22.9   | 22.4 | 21.9   | 21.3  | 20.8   | 20.2 | 19.6   | 18.8  | 18.1   | 17.3 | 16.5   |
| -57.5°  | 21.8   | 21.3 | 20.8   | 20.3  | 19.7   | 19.0 | 18.3   | 17.6  | 16.9   | 16.2 | 15.6   |
| -58.75° | 20.6   | 20.2 | 19.6   | 19.0  | 18.4   | 17.7 | 17.1   | 16.4  | 15.8   | 15.3 | 14.7   |
| -60°    | 19.4   | 18.8 | 18.2   | 17.7  | 17.0   | 16.4 | 15.9   | 15.4  | 14.9   | 14.3 | 13.8   |
| -61.25° | 17.9   | 17.4 | 16.9   | 16.3  | 15.9   | 15.4 | 14.9   | 14.4  | 13.9   | 13.4 | 12.8   |
| -62.5°  | 16.5   | 16.1 | 15.7   | 15.2  | 14.8   | 14.3 | 13.9   | 13.4  | 12.9   | 12.4 | 11.9   |
| -63.75° | 15.3   | 14.9 | 14.5   | 14.1  | 13.7   | 13.3 | 12.8   | 12.4  | 11.9   | 11.4 | 11.0   |
| -65°    | 14.2   | 13.8 | 13.4   | 13.0  | 12.6   | 12.2 | 11.8   | 11.4  | 10.9   | 10.5 | 10.3   |
| -66.25° | 13.0   | 12.6 | 12.3   | 11.9  | 11.5   | 11.1 | 10.7   | 10.5  | 10.2   | 10.0 | 9.7    |
| -67.5°  | 11.8   | 11.5 | 11.2   | 10.8  | 10.5   | 10.3 | 10.1   | 9.9   | 9.7    | 9.4  | 9.2    |
| -68.75° | 10.6   | 10.5 | 10.3   | 10.1  | 9.9    | 9.7  | 9.5    | 9.3   | 9.1    | 9.0  | 8.8    |
| -70°    | 10.0   | 9.8  | 9.6    | 9.5   | 9.3    | 9.1  | 9.0    | 8.9   | 8.8    | 8.7  | 8.6    |
| -71.25° | 9.3    | 9.2  | 9.0    | 8.9   | 8.8    | 8.8  | 8.7    | 8.6   | 8.5    | 8.4  | 8.3    |
| -72.5°  | 8.8    | 8.8  | 8.7    | 8.6   | 8.5    | 8.5  | 8.4    | 8.3   | 8.2    | 8.1  | 8.0    |
| -73.75° | 8.5    | 8.4  | 8.4    | 8.3   | 8.2    | 8.1  | 8.0    | 7.9   | 7.8    | 7.7  | 7.6    |
| -75°    | 8.2    | 8.1  | 8.0    | 7.9   | 7.8    | 7.7  | 7.6    | 7.5   | 7.4    | 7.3  | 7.1    |
| -76.25° | 7.7    | 7.6  | 7.5    | 7.4   | 7.3    | 7.2  | 7.1    | 7.0   | 6.9    | 6.7  | 6.5    |
| -77.5°  | 7.2    | 7.1  | 7.0    | 6.9   | 6.8    | 6.6  | 6.5    | 6.3   | 6.2    | 6.0  | 5.8    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| -78.75° | 6.4    | 6.3 | 6.2    | 6.1   | 6.0    | 5.8 | 5.7    | 5.5   | 5.4    | 5.3 | 5.1    |
| -80°    | 5.6    | 5.5 | 5.4    | 5.3   | 5.1    | 5.0 | 4.9    | 4.8   | 4.7    | 4.6 | 4.5    |
| -81.25° | 4.8    | 4.7 | 4.6    | 4.5   | 4.5    | 4.4 | 4.3    | 4.2   | 4.1    | 4.1 | 4.0    |
| -82.5°  | 4.1    | 4.0 | 4.0    | 3.9   | 3.8    | 3.8 | 3.7    | 3.6   | 3.6    | 3.5 | 3.4    |
| -83.75° | 3.4    | 3.4 | 3.3    | 3.3   | 3.2    | 3.2 | 3.1    | 3.0   | 3.0    | 2.9 | 2.8    |
| -85°    | 2.7    | 2.7 | 2.6    | 2.6   | 2.6    | 2.5 | 2.5    | 2.4   | 2.4    | 2.3 | 2.2    |
| -86.25° | 2.0    | 2.0 | 2.0    | 1.9   | 1.9    | 1.9 | 1.8    | 1.8   | 1.7    | 1.7 | 1.7    |
| -87.5°  | 1.3    | 1.3 | 1.3    | 1.3   | 1.2    | 1.2 | 1.2    | 1.2   | 1.2    | 1.1 | 1.1    |
| -88.75° | 0.7    | 0.7 | 0.6    | 0.6   | 0.6    | 0.6 | 0.6    | 0.6   | 0.6    | 0.6 | 0.6    |
| -90°    | 0.0    | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 47.5° | 48.75° | 50°  | 51.25° | 52.5° | 53.75° | 55°  | 56.25° | 57.5° | 58.75° | 60°  |
|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|
| 90°    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0  |
| 88.75° | 0.5   | 0.5    | 0.5  | 0.5    | 0.5   | 0.5    | 0.5  | 0.4    | 0.4   | 0.4    | 0.4  |
| 87.5°  | 1.1   | 1.1    | 1.0  | 1.0    | 1.0   | 0.9    | 0.9  | 0.9    | 0.9   | 0.8    | 0.8  |
| 86.25° | 1.6   | 1.6    | 1.5  | 1.5    | 1.5   | 1.4    | 1.4  | 1.3    | 1.3   | 1.2    | 1.2  |
| 85°    | 2.2   | 2.1    | 2.1  | 2.0    | 2.0   | 1.9    | 1.8  | 1.8    | 1.7   | 1.7    | 1.6  |
| 83.75° | 2.8   | 2.7    | 2.6  | 2.6    | 2.5   | 2.4    | 2.3  | 2.3    | 2.2   | 2.1    | 2.0  |
| 82.5°  | 3.3   | 3.3    | 3.2  | 3.1    | 3.0   | 2.9    | 2.8  | 2.7    | 2.6   | 2.5    | 2.4  |
| 81.25° | 3.9   | 3.8    | 3.7  | 3.6    | 3.5   | 3.4    | 3.3  | 3.2    | 3.1   | 3.0    | 2.9  |
| 80°    | 4.4   | 4.3    | 4.2  | 4.1    | 4.0   | 3.9    | 3.8  | 3.6    | 3.5   | 3.4    | 3.3  |
| 78.75° | 5.0   | 4.8    | 4.7  | 4.6    | 4.5   | 4.3    | 4.2  | 4.1    | 4.0   | 3.8    | 3.7  |
| 77.5°  | 5.7   | 5.5    | 5.3  | 5.1    | 5.0   | 4.8    | 4.7  | 4.5    | 4.4   | 4.2    | 4.1  |
| 76.25° | 6.4   | 6.2    | 6.0  | 5.8    | 5.6   | 5.4    | 5.2  | 5.0    | 4.8   | 4.6    | 4.5  |
| 75°    | 7.0   | 6.9    | 6.6  | 6.4    | 6.2   | 6.0    | 5.8  | 5.5    | 5.3   | 5.1    | 4.9  |
| 73.75° | 7.4   | 7.3    | 7.2  | 7.0    | 6.8   | 6.6    | 6.4  | 6.1    | 5.9   | 5.6    | 5.4  |
| 72.5°  | 7.8   | 7.7    | 7.5  | 7.4    | 7.3   | 7.1    | 6.9  | 6.7    | 6.4   | 6.1    | 5.9  |
| 71.25° | 8.2   | 8.1    | 7.9  | 7.8    | 7.6   | 7.5    | 7.3  | 7.1    | 7.0   | 6.7    | 6.4  |
| 70°    | 8.5   | 8.4    | 8.3  | 8.1    | 8.0   | 7.8    | 7.6  | 7.5    | 7.3   | 7.1    | 6.9  |
| 68.75° | 8.7   | 8.6    | 8.5  | 8.4    | 8.3   | 8.1    | 8.0  | 7.8    | 7.6   | 7.4    | 7.2  |
| 67.5°  | 9.0   | 8.9    | 8.8  | 8.6    | 8.5   | 8.4    | 8.3  | 8.1    | 7.9   | 7.7    | 7.5  |
| 66.25° | 9.5   | 9.3    | 9.0  | 8.9    | 8.7   | 8.6    | 8.5  | 8.3    | 8.2   | 8.0    | 7.8  |
| 65°    | 10.0  | 9.8    | 9.5  | 9.2    | 9.0   | 8.8    | 8.7  | 8.5    | 8.4   | 8.3    | 8.1  |
| 63.75° | 10.5  | 10.3   | 10.0 | 9.7    | 9.4   | 9.1    | 8.9  | 8.8    | 8.6   | 8.4    | 8.3  |
| 62.5°  | 11.4  | 10.9   | 10.5 | 10.2   | 9.8   | 9.5    | 9.2  | 9.0    | 8.8   | 8.6    | 8.5  |
| 61.25° | 12.3  | 11.7   | 11.2 | 10.6   | 10.3  | 10.0   | 9.6  | 9.3    | 9.0   | 8.8    | 8.7  |
| 60°    | 13.2  | 12.6   | 12.0 | 11.5   | 10.9  | 10.4   | 10.1 | 9.7    | 9.4   | 9.0    | 8.8  |
| 58.75° | 14.1  | 13.5   | 12.9 | 12.3   | 11.7  | 11.0   | 10.5 | 10.1   | 9.8   | 9.4    | 9.0  |
| 57.5°  | 15.0  | 14.4   | 13.7 | 13.1   | 12.4  | 11.8   | 11.1 | 10.5   | 10.1  | 9.8    | 9.4  |
| 56.25° | 15.9  | 15.2   | 14.6 | 13.9   | 13.2  | 12.5   | 11.9 | 11.2   | 10.5  | 10.1   | 9.7  |
| 55°    | 16.8  | 16.1   | 15.4 | 14.7   | 14.0  | 13.3   | 12.6 | 11.9   | 11.1  | 10.5   | 10.1 |
| 53.75° | 17.9  | 17.0   | 16.2 | 15.5   | 14.8  | 14.0   | 13.3 | 12.5   | 11.8  | 11.0   | 10.4 |
| 52.5°  | 19.0  | 18.1   | 17.2 | 16.3   | 15.5  | 14.8   | 14.0 | 13.2   | 12.4  | 11.7   | 10.9 |
| 51.25° | 20.0  | 19.1   | 18.2 | 17.2   | 16.3  | 15.5   | 14.7 | 13.9   | 13.1  | 12.3   | 11.5 |
| 50°    | 20.9  | 20.1   | 19.1 | 18.2   | 17.2  | 16.2   | 15.4 | 14.6   | 13.7  | 12.9   | 12.0 |
| 48.75° | 21.7  | 20.9   | 20.1 | 19.1   | 18.1  | 17.0   | 16.1 | 15.2   | 14.4  | 13.5   | 12.6 |
| 47.5°  | 22.5  | 21.7   | 20.9 | 20.0   | 19.0  | 17.9   | 16.8 | 15.9   | 15.0  | 14.1   | 13.2 |
| 46.25° | 23.2  | 22.5   | 21.6 | 20.8   | 19.8  | 18.8   | 17.6 | 16.5   | 15.6  | 14.7   | 13.8 |
| 45°    | 23.8  | 23.1   | 22.4 | 21.5   | 20.6  | 19.6   | 18.5 | 17.3   | 16.2  | 15.3   | 14.3 |
| 43.75° | 24.3  | 23.7   | 23.0 | 22.2   | 21.3  | 20.3   | 19.2 | 18.1   | 16.9  | 15.8   | 14.9 |
| 42.5°  | 24.9  | 24.2   | 23.6 | 22.9   | 21.9  | 21.0   | 20.0 | 18.8   | 17.6  | 16.4   | 15.4 |
| 41.25° | 25.4  | 24.8   | 24.1 | 23.4   | 22.6  | 21.6   | 20.6 | 19.6   | 18.3  | 17.1   | 15.9 |
| 40°    | 25.9  | 25.3   | 24.6 | 23.9   | 23.1  | 22.2   | 21.2 | 20.2   | 19.0  | 17.7   | 16.4 |
| 38.75° | 26.4  | 25.8   | 25.1 | 24.3   | 23.6  | 22.9   | 21.8 | 20.8   | 19.7  | 18.4   | 17.0 |
| 37.5°  | 26.9  | 26.2   | 25.5 | 24.8   | 24.1  | 23.3   | 22.4 | 21.3   | 20.3  | 19.0   | 17.7 |
| 36.25° | 27.4  | 26.7   | 26.0 | 25.3   | 24.5  | 23.7   | 22.9 | 21.9   | 20.8  | 19.6   | 18.2 |
| 35°    | 27.9  | 27.2   | 26.4 | 25.7   | 24.9  | 24.1   | 23.3 | 22.4   | 21.3  | 20.2   | 18.8 |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 47.5° | 48.75° | 50°  | 51.25° | 52.5° | 53.75° | 55°  | 56.25° | 57.5° | 58.75° | 60°  |
|---------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|
| 33.75°  | 28.3  | 27.6   | 26.8 | 26.1   | 25.3  | 24.5   | 23.7 | 22.9   | 21.8  | 20.6   | 19.4 |
| 32.5°   | 28.8  | 28.0   | 27.3 | 26.5   | 25.7  | 24.9   | 24.1 | 23.3   | 22.3  | 21.1   | 19.9 |
| 31.25°  | 29.1  | 28.4   | 27.7 | 26.9   | 26.1  | 25.3   | 24.5 | 23.6   | 22.7  | 21.5   | 20.4 |
| 30°     | 29.4  | 28.9   | 28.1 | 27.3   | 26.5  | 25.6   | 24.8 | 24.0   | 23.1  | 22.0   | 20.8 |
| 28.75°  | 29.7  | 29.2   | 28.4 | 27.6   | 26.8  | 26.0   | 25.2 | 24.3   | 23.4  | 22.4   | 21.2 |
| 27.5°   | 29.9  | 29.4   | 28.8 | 28.0   | 27.1  | 26.3   | 25.5 | 24.6   | 23.7  | 22.8   | 21.5 |
| 26.25°  | 30.2  | 29.7   | 29.1 | 28.3   | 27.5  | 26.6   | 25.8 | 24.9   | 24.0  | 23.1   | 21.9 |
| 25°     | 30.3  | 29.9   | 29.3 | 28.6   | 27.8  | 26.9   | 26.1 | 25.2   | 24.3  | 23.4   | 22.3 |
| 23.75°  | 30.4  | 30.1   | 29.5 | 29.0   | 28.1  | 27.2   | 26.3 | 25.5   | 24.5  | 23.6   | 22.6 |
| 22.5°   | 30.5  | 30.3   | 29.7 | 29.2   | 28.4  | 27.5   | 26.6 | 25.7   | 24.8  | 23.9   | 22.9 |
| 21.25°  | 30.5  | 30.4   | 29.9 | 29.4   | 28.7  | 27.8   | 26.9 | 25.9   | 25.0  | 24.1   | 23.1 |
| 20°     | 30.6  | 30.4   | 30.1 | 29.5   | 28.9  | 28.0   | 27.1 | 26.2   | 25.3  | 24.3   | 23.3 |
| 18.75°  | 30.7  | 30.5   | 30.3 | 29.7   | 29.1  | 28.2   | 27.3 | 26.4   | 25.5  | 24.5   | 23.5 |
| 17.5°   | 30.7  | 30.5   | 30.3 | 29.9   | 29.3  | 28.5   | 27.5 | 26.6   | 25.7  | 24.7   | 23.7 |
| 16.25°  | 30.8  | 30.6   | 30.4 | 30.0   | 29.4  | 28.7   | 27.7 | 26.8   | 25.8  | 24.9   | 23.9 |
| 15°     | 30.9  | 30.6   | 30.4 | 30.1   | 29.5  | 28.9   | 27.9 | 27.0   | 26.0  | 25.1   | 24.1 |
| 13.75°  | 31.0  | 30.7   | 30.5 | 30.3   | 29.7  | 29.0   | 28.1 | 27.1   | 26.2  | 25.2   | 24.2 |
| 12.5°   | 31.1  | 30.7   | 30.5 | 30.3   | 29.8  | 29.1   | 28.2 | 27.3   | 26.3  | 25.3   | 24.3 |
| 11.25°  | 31.2  | 30.8   | 30.6 | 30.4   | 29.9  | 29.2   | 28.4 | 27.4   | 26.4  | 25.5   | 24.5 |
| 10°     | 31.2  | 30.9   | 30.6 | 30.4   | 30.0  | 29.3   | 28.5 | 27.5   | 26.6  | 25.6   | 24.6 |
| 8.75°   | 31.3  | 30.9   | 30.6 | 30.4   | 30.0  | 29.4   | 28.6 | 27.6   | 26.7  | 25.7   | 24.7 |
| 7.5°    | 31.4  | 31.0   | 30.6 | 30.4   | 30.1  | 29.5   | 28.7 | 27.7   | 26.8  | 25.8   | 24.8 |
| 6.25°   | 31.4  | 31.0   | 30.7 | 30.5   | 30.2  | 29.5   | 28.8 | 27.8   | 26.8  | 25.8   | 24.8 |
| 5°      | 31.4  | 31.0   | 30.7 | 30.5   | 30.2  | 29.6   | 28.9 | 27.9   | 26.9  | 25.9   | 24.9 |
| 3.75°   | 31.5  | 31.1   | 30.7 | 30.5   | 30.3  | 29.6   | 28.9 | 27.9   | 26.9  | 25.9   | 24.9 |
| 2.5°    | 31.5  | 31.1   | 30.7 | 30.5   | 30.3  | 29.6   | 29.0 | 28.0   | 27.0  | 26.0   | 25.0 |
| 1.25°   | 31.5  | 31.1   | 30.7 | 30.5   | 30.3  | 29.6   | 29.0 | 28.0   | 27.0  | 26.0   | 25.0 |
| 0°      | 31.5  | 31.1   | 30.7 | 30.5   | 30.3  | 29.7   | 29.0 | 28.0   | 27.0  | 26.0   | 25.0 |
| -1.25°  | 31.5  | 31.1   | 30.7 | 30.5   | 30.3  | 29.6   | 29.0 | 28.0   | 27.0  | 26.0   | 25.0 |
| -2.5°   | 31.5  | 31.1   | 30.7 | 30.5   | 30.3  | 29.6   | 29.0 | 28.0   | 27.0  | 26.0   | 25.0 |
| -3.75°  | 31.5  | 31.1   | 30.7 | 30.5   | 30.3  | 29.6   | 28.9 | 27.9   | 26.9  | 25.9   | 24.9 |
| -5°     | 31.4  | 31.0   | 30.7 | 30.5   | 30.2  | 29.6   | 28.9 | 27.9   | 26.9  | 25.9   | 24.9 |
| -6.25°  | 31.4  | 31.0   | 30.7 | 30.5   | 30.2  | 29.5   | 28.8 | 27.8   | 26.8  | 25.8   | 24.8 |
| -7.5°   | 31.4  | 31.0   | 30.6 | 30.4   | 30.1  | 29.5   | 28.7 | 27.7   | 26.8  | 25.8   | 24.8 |
| -8.75°  | 31.3  | 30.9   | 30.6 | 30.4   | 30.0  | 29.4   | 28.6 | 27.6   | 26.7  | 25.7   | 24.7 |
| -10°    | 31.2  | 30.9   | 30.6 | 30.4   | 30.0  | 29.3   | 28.5 | 27.5   | 26.6  | 25.6   | 24.6 |
| -11.25° | 31.2  | 30.8   | 30.6 | 30.4   | 29.9  | 29.2   | 28.4 | 27.4   | 26.4  | 25.5   | 24.5 |
| -12.5°  | 31.1  | 30.7   | 30.5 | 30.3   | 29.8  | 29.1   | 28.2 | 27.3   | 26.3  | 25.3   | 24.3 |
| -13.75° | 31.0  | 30.7   | 30.5 | 30.3   | 29.7  | 29.0   | 28.1 | 27.1   | 26.2  | 25.2   | 24.2 |
| -15°    | 30.9  | 30.6   | 30.4 | 30.1   | 29.5  | 28.9   | 27.9 | 27.0   | 26.0  | 25.1   | 24.1 |
| -16.25° | 30.8  | 30.6   | 30.4 | 30.0   | 29.4  | 28.7   | 27.7 | 26.8   | 25.8  | 24.9   | 23.9 |
| -17.5°  | 30.7  | 30.5   | 30.3 | 29.9   | 29.3  | 28.5   | 27.5 | 26.6   | 25.7  | 24.7   | 23.7 |
| -18.75° | 30.7  | 30.5   | 30.3 | 29.7   | 29.1  | 28.2   | 27.3 | 26.4   | 25.5  | 24.5   | 23.5 |
| -20°    | 30.6  | 30.4   | 30.1 | 29.5   | 28.9  | 28.0   | 27.1 | 26.2   | 25.3  | 24.3   | 23.3 |
| -21.25° | 30.5  | 30.4   | 29.9 | 29.4   | 28.7  | 27.8   | 26.9 | 25.9   | 25.0  | 24.1   | 23.1 |





REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 47.5° | 48.75° | 50°  | 51.25° | 52.5° | 53.75° | 55°  | 56.25° | 57.5° | 58.75° | 60°  |
|---------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|
| -22.5°  | 30.5  | 30.3   | 29.7 | 29.2   | 28.4  | 27.5   | 26.6 | 25.7   | 24.8  | 23.9   | 22.9 |
| -23.75° | 30.4  | 30.1   | 29.5 | 29.0   | 28.1  | 27.2   | 26.3 | 25.5   | 24.5  | 23.6   | 22.6 |
| -25°    | 30.3  | 29.9   | 29.3 | 28.6   | 27.8  | 26.9   | 26.1 | 25.2   | 24.3  | 23.4   | 22.3 |
| -26.25° | 30.2  | 29.7   | 29.1 | 28.3   | 27.5  | 26.6   | 25.8 | 24.9   | 24.0  | 23.1   | 21.9 |
| -27.5°  | 29.9  | 29.4   | 28.8 | 28.0   | 27.1  | 26.3   | 25.5 | 24.6   | 23.7  | 22.8   | 21.5 |
| -28.75° | 29.7  | 29.2   | 28.4 | 27.6   | 26.8  | 26.0   | 25.2 | 24.3   | 23.4  | 22.4   | 21.2 |
| -30°    | 29.4  | 28.9   | 28.1 | 27.3   | 26.5  | 25.6   | 24.8 | 24.0   | 23.1  | 22.0   | 20.8 |
| -31.25° | 29.1  | 28.4   | 27.7 | 26.9   | 26.1  | 25.3   | 24.5 | 23.6   | 22.7  | 21.5   | 20.4 |
| -32.5°  | 28.8  | 28.0   | 27.3 | 26.5   | 25.7  | 24.9   | 24.1 | 23.3   | 22.3  | 21.1   | 19.9 |
| -33.75° | 28.3  | 27.6   | 26.8 | 26.1   | 25.3  | 24.5   | 23.7 | 22.9   | 21.8  | 20.6   | 19.4 |
| -35°    | 27.9  | 27.2   | 26.4 | 25.7   | 24.9  | 24.1   | 23.3 | 22.4   | 21.3  | 20.2   | 18.8 |
| -36.25° | 27.4  | 26.7   | 26.0 | 25.3   | 24.5  | 23.7   | 22.9 | 21.9   | 20.8  | 19.6   | 18.2 |
| -37.5°  | 26.9  | 26.2   | 25.5 | 24.8   | 24.1  | 23.3   | 22.4 | 21.3   | 20.3  | 19.0   | 17.7 |
| -38.75° | 26.4  | 25.8   | 25.1 | 24.3   | 23.6  | 22.9   | 21.8 | 20.8   | 19.7  | 18.4   | 17.0 |
| -40°    | 25.9  | 25.3   | 24.6 | 23.9   | 23.1  | 22.2   | 21.2 | 20.2   | 19.0  | 17.7   | 16.4 |
| -41.25° | 25.4  | 24.8   | 24.1 | 23.4   | 22.6  | 21.6   | 20.6 | 19.6   | 18.3  | 17.1   | 15.9 |
| -42.5°  | 24.9  | 24.2   | 23.6 | 22.9   | 21.9  | 21.0   | 20.0 | 18.8   | 17.6  | 16.4   | 15.4 |
| -43.75° | 24.3  | 23.7   | 23.0 | 22.2   | 21.3  | 20.3   | 19.2 | 18.1   | 16.9  | 15.8   | 14.9 |
| -45°    | 23.8  | 23.1   | 22.4 | 21.5   | 20.6  | 19.6   | 18.5 | 17.3   | 16.2  | 15.3   | 14.3 |
| -46.25° | 23.2  | 22.5   | 21.6 | 20.8   | 19.8  | 18.8   | 17.6 | 16.5   | 15.6  | 14.7   | 13.8 |
| -47.5°  | 22.5  | 21.7   | 20.9 | 20.0   | 19.0  | 17.9   | 16.8 | 15.9   | 15.0  | 14.1   | 13.2 |
| -48.75° | 21.7  | 20.9   | 20.1 | 19.1   | 18.1  | 17.0   | 16.1 | 15.2   | 14.4  | 13.5   | 12.6 |
| -50°    | 20.9  | 20.1   | 19.1 | 18.2   | 17.2  | 16.2   | 15.4 | 14.6   | 13.7  | 12.9   | 12.0 |
| -51.25° | 20.0  | 19.1   | 18.2 | 17.2   | 16.3  | 15.5   | 14.7 | 13.9   | 13.1  | 12.3   | 11.5 |
| -52.5°  | 19.0  | 18.1   | 17.2 | 16.3   | 15.5  | 14.8   | 14.0 | 13.2   | 12.4  | 11.7   | 10.9 |
| -53.75° | 17.9  | 17.0   | 16.2 | 15.5   | 14.8  | 14.0   | 13.3 | 12.5   | 11.8  | 11.0   | 10.4 |
| -55°    | 16.8  | 16.1   | 15.4 | 14.7   | 14.0  | 13.3   | 12.6 | 11.9   | 11.1  | 10.5   | 10.1 |
| -56.25° | 15.9  | 15.2   | 14.6 | 13.9   | 13.2  | 12.5   | 11.9 | 11.2   | 10.5  | 10.1   | 9.7  |
| -57.5°  | 15.0  | 14.4   | 13.7 | 13.1   | 12.4  | 11.8   | 11.1 | 10.5   | 10.1  | 9.8    | 9.4  |
| -58.75° | 14.1  | 13.5   | 12.9 | 12.3   | 11.7  | 11.0   | 10.5 | 10.1   | 9.8   | 9.4    | 9.0  |
| -60°    | 13.2  | 12.6   | 12.0 | 11.5   | 10.9  | 10.4   | 10.1 | 9.7    | 9.4   | 9.0    | 8.8  |
| -61.25° | 12.3  | 11.7   | 11.2 | 10.6   | 10.3  | 10.0   | 9.6  | 9.3    | 9.0   | 8.8    | 8.7  |
| -62.5°  | 11.4  | 10.9   | 10.5 | 10.2   | 9.8   | 9.5    | 9.2  | 9.0    | 8.8   | 8.6    | 8.5  |
| -63.75° | 10.5  | 10.3   | 10.0 | 9.7    | 9.4   | 9.1    | 8.9  | 8.8    | 8.6   | 8.4    | 8.3  |
| -65°    | 10.0  | 9.8    | 9.5  | 9.2    | 9.0   | 8.8    | 8.7  | 8.5    | 8.4   | 8.3    | 8.1  |
| -66.25° | 9.5   | 9.3    | 9.0  | 8.9    | 8.7   | 8.6    | 8.5  | 8.3    | 8.2   | 8.0    | 7.8  |
| -67.5°  | 9.0   | 8.9    | 8.8  | 8.6    | 8.5   | 8.4    | 8.3  | 8.1    | 7.9   | 7.7    | 7.5  |
| -68.75° | 8.7   | 8.6    | 8.5  | 8.4    | 8.3   | 8.1    | 8.0  | 7.8    | 7.6   | 7.4    | 7.2  |
| -70°    | 8.5   | 8.4    | 8.3  | 8.1    | 8.0   | 7.8    | 7.6  | 7.5    | 7.3   | 7.1    | 6.9  |
| -71.25° | 8.2   | 8.1    | 7.9  | 7.8    | 7.6   | 7.5    | 7.3  | 7.1    | 7.0   | 6.7    | 6.4  |
| -72.5°  | 7.8   | 7.7    | 7.5  | 7.4    | 7.3   | 7.1    | 6.9  | 6.7    | 6.4   | 6.1    | 5.9  |
| -73.75° | 7.4   | 7.3    | 7.2  | 7.0    | 6.8   | 6.6    | 6.4  | 6.1    | 5.9   | 5.6    | 5.4  |
| -75°    | 7.0   | 6.9    | 6.6  | 6.4    | 6.2   | 6.0    | 5.8  | 5.5    | 5.3   | 5.1    | 4.9  |
| -76.25° | 6.4   | 6.2    | 6.0  | 5.8    | 5.6   | 5.4    | 5.2  | 5.0    | 4.8   | 4.6    | 4.5  |
| -77.5°  | 5.7   | 5.5    | 5.3  | 5.1    | 5.0   | 4.8    | 4.7  | 4.5    | 4.4   | 4.2    | 4.1  |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -78.75° | 5.0   | 4.8    | 4.7 | 4.6    | 4.5   | 4.3    | 4.2 | 4.1    | 4.0   | 3.8    | 3.7 |
| -80°    | 4.4   | 4.3    | 4.2 | 4.1    | 4.0   | 3.9    | 3.8 | 3.6    | 3.5   | 3.4    | 3.3 |
| -81.25° | 3.9   | 3.8    | 3.7 | 3.6    | 3.5   | 3.4    | 3.3 | 3.2    | 3.1   | 3.0    | 2.9 |
| -82.5°  | 3.3   | 3.3    | 3.2 | 3.1    | 3.0   | 2.9    | 2.8 | 2.7    | 2.6   | 2.5    | 2.4 |
| -83.75° | 2.8   | 2.7    | 2.6 | 2.6    | 2.5   | 2.4    | 2.3 | 2.3    | 2.2   | 2.1    | 2.0 |
| -85°    | 2.2   | 2.1    | 2.1 | 2.0    | 2.0   | 1.9    | 1.8 | 1.8    | 1.7   | 1.7    | 1.6 |
| -86.25° | 1.6   | 1.6    | 1.5 | 1.5    | 1.5   | 1.4    | 1.4 | 1.3    | 1.3   | 1.2    | 1.2 |
| -87.5°  | 1.1   | 1.1    | 1.0 | 1.0    | 1.0   | 0.9    | 0.9 | 0.9    | 0.9   | 0.8    | 0.8 |
| -88.75° | 0.5   | 0.5    | 0.5 | 0.5    | 0.5   | 0.5    | 0.5 | 0.4    | 0.4   | 0.4    | 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: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 61.25° | 62.5° | 63.75° | 65°  | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|--------|--------|-------|--------|------|--------|-------|--------|-----|--------|-------|--------|
| 90°    | 0.0    | 0.0   | 0.0    | 0.0  | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   | 0.0    |
| 88.75° | 0.4    | 0.4   | 0.4    | 0.3  | 0.3    | 0.3   | 0.3    | 0.3 | 0.3    | 0.2   | 0.2    |
| 87.5°  | 0.8    | 0.7   | 0.7    | 0.7  | 0.6    | 0.6   | 0.6    | 0.5 | 0.5    | 0.5   | 0.4    |
| 86.25° | 1.2    | 1.1   | 1.1    | 1.0  | 1.0    | 0.9   | 0.9    | 0.8 | 0.8    | 0.7   | 0.7    |
| 85°    | 1.5    | 1.5   | 1.4    | 1.4  | 1.3    | 1.2   | 1.2    | 1.1 | 1.0    | 1.0   | 0.9    |
| 83.75° | 1.9    | 1.9   | 1.8    | 1.7  | 1.6    | 1.5   | 1.4    | 1.4 | 1.3    | 1.2   | 1.1    |
| 82.5°  | 2.3    | 2.2   | 2.2    | 2.1  | 1.9    | 1.8   | 1.7    | 1.6 | 1.5    | 1.4   | 1.3    |
| 81.25° | 2.8    | 2.6   | 2.5    | 2.4  | 2.3    | 2.2   | 2.0    | 1.9 | 1.8    | 1.7   | 1.6    |
| 80°    | 3.2    | 3.0   | 2.9    | 2.8  | 2.6    | 2.5   | 2.4    | 2.2 | 2.1    | 1.9   | 1.8    |
| 78.75° | 3.5    | 3.4   | 3.3    | 3.1  | 3.0    | 2.8   | 2.7    | 2.5 | 2.3    | 2.2   | 2.0    |
| 77.5°  | 3.9    | 3.8   | 3.6    | 3.5  | 3.3    | 3.1   | 3.0    | 2.8 | 2.6    | 2.4   | 2.3    |
| 76.25° | 4.3    | 4.1   | 4.0    | 3.8  | 3.6    | 3.4   | 3.3    | 3.1 | 2.9    | 2.7   | 2.5    |
| 75°    | 4.7    | 4.5   | 4.3    | 4.1  | 3.9    | 3.7   | 3.5    | 3.4 | 3.1    | 2.9   | 2.7    |
| 73.75° | 5.1    | 4.9   | 4.7    | 4.4  | 4.2    | 4.0   | 3.8    | 3.6 | 3.4    | 3.2   | 3.0    |
| 72.5°  | 5.6    | 5.3   | 5.0    | 4.8  | 4.6    | 4.3   | 4.1    | 3.9 | 3.6    | 3.4   | 3.2    |
| 71.25° | 6.1    | 5.8   | 5.5    | 5.2  | 4.9    | 4.6   | 4.4    | 4.1 | 3.9    | 3.6   | 3.4    |
| 70°    | 6.6    | 6.2   | 5.9    | 5.6  | 5.3    | 4.9   | 4.7    | 4.4 | 4.1    | 3.9   | 3.6    |
| 68.75° | 7.0    | 6.7   | 6.3    | 6.0  | 5.7    | 5.3   | 4.9    | 4.7 | 4.4    | 4.1   | 3.8    |
| 67.5°  | 7.3    | 7.1   | 6.8    | 6.4  | 6.0    | 5.7   | 5.3    | 4.9 | 4.6    | 4.3   | 4.0    |
| 66.25° | 7.6    | 7.3   | 7.1    | 6.8  | 6.4    | 6.0   | 5.7    | 5.3 | 4.9    | 4.6   | 4.2    |
| 65°    | 7.8    | 7.6   | 7.4    | 7.1  | 6.8    | 6.4   | 6.0    | 5.6 | 5.2    | 4.8   | 4.4    |
| 63.75° | 8.1    | 7.9   | 7.6    | 7.4  | 7.1    | 6.8   | 6.3    | 5.9 | 5.5    | 5.0   | 4.7    |
| 62.5°  | 8.3    | 8.1   | 7.9    | 7.6  | 7.3    | 7.1   | 6.7    | 6.2 | 5.8    | 5.3   | 4.9    |
| 61.25° | 8.5    | 8.3   | 8.1    | 7.8  | 7.6    | 7.3   | 7.0    | 6.6 | 6.1    | 5.6   | 5.1    |
| 60°    | 8.7    | 8.5   | 8.3    | 8.1  | 7.8    | 7.5   | 7.2    | 6.9 | 6.4    | 5.9   | 5.4    |
| 58.75° | 8.8    | 8.6   | 8.4    | 8.3  | 8.0    | 7.7   | 7.4    | 7.1 | 6.7    | 6.1   | 5.6    |
| 57.5°  | 9.0    | 8.8   | 8.6    | 8.4  | 8.2    | 7.9   | 7.6    | 7.3 | 7.0    | 6.4   | 5.9    |
| 56.25° | 9.3    | 9.0   | 8.8    | 8.5  | 8.3    | 8.1   | 7.8    | 7.5 | 7.1    | 6.7   | 6.1    |
| 55°    | 9.6    | 9.2   | 8.9    | 8.7  | 8.5    | 8.3   | 8.0    | 7.6 | 7.3    | 6.9   | 6.4    |
| 53.75° | 10.0   | 9.5   | 9.1    | 8.8  | 8.6    | 8.4   | 8.1    | 7.8 | 7.5    | 7.1   | 6.6    |
| 52.5°  | 10.3   | 9.8   | 9.4    | 9.0  | 8.7    | 8.5   | 8.3    | 8.0 | 7.6    | 7.3   | 6.8    |
| 51.25° | 10.6   | 10.2  | 9.7    | 9.2  | 8.9    | 8.6   | 8.4    | 8.1 | 7.8    | 7.4   | 7.0    |
| 50°    | 11.2   | 10.5  | 10.0   | 9.5  | 9.0    | 8.8   | 8.5    | 8.3 | 7.9    | 7.5   | 7.2    |
| 48.75° | 11.7   | 10.9  | 10.3   | 9.8  | 9.3    | 8.9   | 8.6    | 8.4 | 8.1    | 7.7   | 7.3    |
| 47.5°  | 12.3   | 11.4  | 10.5   | 10.0 | 9.5    | 9.0   | 8.7    | 8.5 | 8.2    | 7.8   | 7.4    |
| 46.25° | 12.8   | 11.9  | 11.0   | 10.3 | 9.7    | 9.2   | 8.8    | 8.6 | 8.3    | 8.0   | 7.6    |
| 45°    | 13.4   | 12.4  | 11.4   | 10.5 | 10.0   | 9.4   | 9.0    | 8.7 | 8.4    | 8.1   | 7.7    |
| 43.75° | 13.9   | 12.9  | 11.9   | 10.9 | 10.2   | 9.7   | 9.1    | 8.8 | 8.5    | 8.2   | 7.8    |
| 42.5°  | 14.4   | 13.4  | 12.4   | 11.4 | 10.5   | 9.9   | 9.3    | 8.9 | 8.6    | 8.3   | 7.9    |
| 41.25° | 14.9   | 13.9  | 12.8   | 11.8 | 10.7   | 10.1  | 9.5    | 9.0 | 8.7    | 8.4   | 8.0    |
| 40°    | 15.4   | 14.3  | 13.3   | 12.2 | 11.1   | 10.3  | 9.7    | 9.1 | 8.8    | 8.5   | 8.1    |
| 38.75° | 15.9   | 14.8  | 13.7   | 12.6 | 11.5   | 10.5  | 9.9    | 9.3 | 8.8    | 8.5   | 8.2    |
| 37.5°  | 16.3   | 15.2  | 14.1   | 13.0 | 11.9   | 10.8  | 10.1   | 9.5 | 8.9    | 8.6   | 8.3    |
| 36.25° | 16.9   | 15.7  | 14.5   | 13.4 | 12.3   | 11.2  | 10.3   | 9.6 | 9.0    | 8.7   | 8.4    |
| 35°    | 17.4   | 16.1  | 14.9   | 13.8 | 12.6   | 11.5  | 10.5   | 9.8 | 9.2    | 8.8   | 8.4    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 61.25° | 62.5° | 63.75° | 65°  | 66.25° | 67.5° | 68.75° | 70°  | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|
| 33.75°  | 17.9   | 16.5  | 15.3   | 14.2 | 13.0   | 11.8  | 10.6   | 10.0 | 9.3    | 8.8   | 8.5    |
| 32.5°   | 18.5   | 17.0  | 15.7   | 14.5 | 13.3   | 12.1  | 10.9   | 10.1 | 9.5    | 8.9   | 8.6    |
| 31.25°  | 19.0   | 17.5  | 16.1   | 14.9 | 13.7   | 12.5  | 11.2   | 10.3 | 9.6    | 9.0   | 8.6    |
| 30°     | 19.4   | 17.9  | 16.4   | 15.2 | 14.0   | 12.8  | 11.5   | 10.4 | 9.7    | 9.1   | 8.7    |
| 28.75°  | 19.9   | 18.4  | 16.9   | 15.5 | 14.3   | 13.0  | 11.8   | 10.6 | 9.9    | 9.2   | 8.7    |
| 27.5°   | 20.3   | 18.8  | 17.3   | 15.8 | 14.6   | 13.3  | 12.1   | 10.8 | 10.0   | 9.3   | 8.8    |
| 26.25°  | 20.6   | 19.2  | 17.7   | 16.1 | 14.9   | 13.6  | 12.3   | 11.0 | 10.1   | 9.4   | 8.9    |
| 25°     | 21.0   | 19.6  | 18.0   | 16.4 | 15.1   | 13.8  | 12.5   | 11.2 | 10.2   | 9.5   | 8.9    |
| 23.75°  | 21.3   | 20.0  | 18.4   | 16.8 | 15.4   | 14.1  | 12.8   | 11.5 | 10.4   | 9.6   | 8.9    |
| 22.5°   | 21.6   | 20.3  | 18.7   | 17.1 | 15.6   | 14.3  | 13.0   | 11.7 | 10.5   | 9.7   | 9.0    |
| 21.25°  | 21.9   | 20.6  | 19.1   | 17.4 | 15.9   | 14.5  | 13.2   | 11.9 | 10.6   | 9.8   | 9.1    |
| 20°     | 22.2   | 20.8  | 19.4   | 17.7 | 16.1   | 14.7  | 13.4   | 12.0 | 10.7   | 9.9   | 9.2    |
| 18.75°  | 22.4   | 21.1  | 19.7   | 18.0 | 16.3   | 14.9  | 13.6   | 12.2 | 10.9   | 10.0  | 9.2    |
| 17.5°   | 22.7   | 21.3  | 19.9   | 18.2 | 16.5   | 15.1  | 13.8   | 12.4 | 11.0   | 10.1  | 9.3    |
| 16.25°  | 22.9   | 21.5  | 20.1   | 18.5 | 16.8   | 15.3  | 13.9   | 12.5 | 11.2   | 10.1  | 9.4    |
| 15°     | 23.1   | 21.7  | 20.3   | 18.7 | 17.0   | 15.5  | 14.1   | 12.7 | 11.3   | 10.2  | 9.4    |
| 13.75°  | 23.2   | 21.9  | 20.5   | 18.9 | 17.2   | 15.6  | 14.2   | 12.8 | 11.4   | 10.3  | 9.5    |
| 12.5°   | 23.3   | 22.1  | 20.7   | 19.1 | 17.3   | 15.7  | 14.3   | 12.9 | 11.5   | 10.3  | 9.5    |
| 11.25°  | 23.4   | 22.2  | 20.8   | 19.3 | 17.5   | 15.9  | 14.5   | 13.0 | 11.6   | 10.4  | 9.6    |
| 10°     | 23.5   | 22.4  | 21.0   | 19.4 | 17.6   | 16.0  | 14.6   | 13.1 | 11.7   | 10.4  | 9.6    |
| 8.75°   | 23.6   | 22.5  | 21.1   | 19.6 | 17.8   | 16.1  | 14.6   | 13.2 | 11.8   | 10.5  | 9.7    |
| 7.5°    | 23.7   | 22.6  | 21.2   | 19.7 | 17.9   | 16.2  | 14.7   | 13.3 | 11.9   | 10.5  | 9.7    |
| 6.25°   | 23.8   | 22.7  | 21.3   | 19.8 | 18.0   | 16.2  | 14.8   | 13.4 | 11.9   | 10.5  | 9.7    |
| 5°      | 23.8   | 22.8  | 21.3   | 19.9 | 18.1   | 16.3  | 14.9   | 13.4 | 12.0   | 10.6  | 9.8    |
| 3.75°   | 23.9   | 22.8  | 21.4   | 19.9 | 18.1   | 16.3  | 14.9   | 13.4 | 12.0   | 10.6  | 9.8    |
| 2.5°    | 23.9   | 22.9  | 21.4   | 20.0 | 18.2   | 16.4  | 14.9   | 13.5 | 12.0   | 10.6  | 9.8    |
| 1.25°   | 23.9   | 22.9  | 21.4   | 20.0 | 18.2   | 16.4  | 14.9   | 13.5 | 12.0   | 10.6  | 9.8    |
| 0°      | 24.0   | 22.9  | 21.5   | 20.0 | 18.2   | 16.4  | 15.0   | 13.5 | 12.1   | 10.6  | 9.8    |
| -1.25°  | 23.9   | 22.9  | 21.4   | 20.0 | 18.2   | 16.4  | 14.9   | 13.5 | 12.0   | 10.6  | 9.8    |
| -2.5°   | 23.9   | 22.9  | 21.4   | 20.0 | 18.2   | 16.4  | 14.9   | 13.5 | 12.0   | 10.6  | 9.8    |
| -3.75°  | 23.9   | 22.8  | 21.4   | 19.9 | 18.1   | 16.3  | 14.9   | 13.4 | 12.0   | 10.6  | 9.8    |
| -5°     | 23.8   | 22.8  | 21.3   | 19.9 | 18.1   | 16.3  | 14.9   | 13.4 | 12.0   | 10.6  | 9.8    |
| -6.25°  | 23.8   | 22.7  | 21.3   | 19.8 | 18.0   | 16.2  | 14.8   | 13.4 | 11.9   | 10.5  | 9.7    |
| -7.5°   | 23.7   | 22.6  | 21.2   | 19.7 | 17.9   | 16.2  | 14.7   | 13.3 | 11.9   | 10.5  | 9.7    |
| -8.75°  | 23.6   | 22.5  | 21.1   | 19.6 | 17.8   | 16.1  | 14.6   | 13.2 | 11.8   | 10.5  | 9.7    |
| -10°    | 23.5   | 22.4  | 21.0   | 19.4 | 17.6   | 16.0  | 14.6   | 13.1 | 11.7   | 10.4  | 9.6    |
| -11.25° | 23.4   | 22.2  | 20.8   | 19.3 | 17.5   | 15.9  | 14.5   | 13.0 | 11.6   | 10.4  | 9.6    |
| -12.5°  | 23.3   | 22.1  | 20.7   | 19.1 | 17.3   | 15.7  | 14.3   | 12.9 | 11.5   | 10.3  | 9.5    |
| -13.75° | 23.2   | 21.9  | 20.5   | 18.9 | 17.2   | 15.6  | 14.2   | 12.8 | 11.4   | 10.3  | 9.5    |
| -15°    | 23.1   | 21.7  | 20.3   | 18.7 | 17.0   | 15.5  | 14.1   | 12.7 | 11.3   | 10.2  | 9.4    |
| -16.25° | 22.9   | 21.5  | 20.1   | 18.5 | 16.8   | 15.3  | 13.9   | 12.5 | 11.2   | 10.1  | 9.4    |
| -17.5°  | 22.7   | 21.3  | 19.9   | 18.2 | 16.5   | 15.1  | 13.8   | 12.4 | 11.0   | 10.1  | 9.3    |
| -18.75° | 22.4   | 21.1  | 19.7   | 18.0 | 16.3   | 14.9  | 13.6   | 12.2 | 10.9   | 10.0  | 9.2    |
| -20°    | 22.2   | 20.8  | 19.4   | 17.7 | 16.1   | 14.7  | 13.4   | 12.0 | 10.7   | 9.9   | 9.2    |
| -21.25° | 21.9   | 20.6  | 19.1   | 17.4 | 15.9   | 14.5  | 13.2   | 11.9 | 10.6   | 9.8   | 9.1    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 61.25° | 62.5° | 63.75° | 65°  | 66.25° | 67.5° | 68.75° | 70°  | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|
| -22.5°  | 21.6   | 20.3  | 18.7   | 17.1 | 15.6   | 14.3  | 13.0   | 11.7 | 10.5   | 9.7   | 9.0    |
| -23.75° | 21.3   | 20.0  | 18.4   | 16.8 | 15.4   | 14.1  | 12.8   | 11.5 | 10.4   | 9.6   | 8.9    |
| -25°    | 21.0   | 19.6  | 18.0   | 16.4 | 15.1   | 13.8  | 12.5   | 11.2 | 10.2   | 9.5   | 8.9    |
| -26.25° | 20.6   | 19.2  | 17.7   | 16.1 | 14.9   | 13.6  | 12.3   | 11.0 | 10.1   | 9.4   | 8.9    |
| -27.5°  | 20.3   | 18.8  | 17.3   | 15.8 | 14.6   | 13.3  | 12.1   | 10.8 | 10.0   | 9.3   | 8.8    |
| -28.75° | 19.9   | 18.4  | 16.9   | 15.5 | 14.3   | 13.0  | 11.8   | 10.6 | 9.9    | 9.2   | 8.7    |
| -30°    | 19.4   | 17.9  | 16.4   | 15.2 | 14.0   | 12.8  | 11.5   | 10.4 | 9.7    | 9.1   | 8.7    |
| -31.25° | 19.0   | 17.5  | 16.1   | 14.9 | 13.7   | 12.5  | 11.2   | 10.3 | 9.6    | 9.0   | 8.6    |
| -32.5°  | 18.5   | 17.0  | 15.7   | 14.5 | 13.3   | 12.1  | 10.9   | 10.1 | 9.5    | 8.9   | 8.6    |
| -33.75° | 17.9   | 16.5  | 15.3   | 14.2 | 13.0   | 11.8  | 10.6   | 10.0 | 9.3    | 8.8   | 8.5    |
| -35°    | 17.4   | 16.1  | 14.9   | 13.8 | 12.6   | 11.5  | 10.5   | 9.8  | 9.2    | 8.8   | 8.4    |
| -36.25° | 16.9   | 15.7  | 14.5   | 13.4 | 12.3   | 11.2  | 10.3   | 9.6  | 9.0    | 8.7   | 8.4    |
| -37.5°  | 16.3   | 15.2  | 14.1   | 13.0 | 11.9   | 10.8  | 10.1   | 9.5  | 8.9    | 8.6   | 8.3    |
| -38.75° | 15.9   | 14.8  | 13.7   | 12.6 | 11.5   | 10.5  | 9.9    | 9.3  | 8.8    | 8.5   | 8.2    |
| -40°    | 15.4   | 14.3  | 13.3   | 12.2 | 11.1   | 10.3  | 9.7    | 9.1  | 8.8    | 8.5   | 8.1    |
| -41.25° | 14.9   | 13.9  | 12.8   | 11.8 | 10.7   | 10.1  | 9.5    | 9.0  | 8.7    | 8.4   | 8.0    |
| -42.5°  | 14.4   | 13.4  | 12.4   | 11.4 | 10.5   | 9.9   | 9.3    | 8.9  | 8.6    | 8.3   | 7.9    |
| -43.75° | 13.9   | 12.9  | 11.9   | 10.9 | 10.2   | 9.7   | 9.1    | 8.8  | 8.5    | 8.2   | 7.8    |
| -45°    | 13.4   | 12.4  | 11.4   | 10.5 | 10.0   | 9.4   | 9.0    | 8.7  | 8.4    | 8.1   | 7.7    |
| -46.25° | 12.8   | 11.9  | 11.0   | 10.3 | 9.7    | 9.2   | 8.8    | 8.6  | 8.3    | 8.0   | 7.6    |
| -47.5°  | 12.3   | 11.4  | 10.5   | 10.0 | 9.5    | 9.0   | 8.7    | 8.5  | 8.2    | 7.8   | 7.4    |
| -48.75° | 11.7   | 10.9  | 10.3   | 9.8  | 9.3    | 8.9   | 8.6    | 8.4  | 8.1    | 7.7   | 7.3    |
| -50°    | 11.2   | 10.5  | 10.0   | 9.5  | 9.0    | 8.8   | 8.5    | 8.3  | 7.9    | 7.5   | 7.2    |
| -51.25° | 10.6   | 10.2  | 9.7    | 9.2  | 8.9    | 8.6   | 8.4    | 8.1  | 7.8    | 7.4   | 7.0    |
| -52.5°  | 10.3   | 9.8   | 9.4    | 9.0  | 8.7    | 8.5   | 8.3    | 8.0  | 7.6    | 7.3   | 6.8    |
| -53.75° | 10.0   | 9.5   | 9.1    | 8.8  | 8.6    | 8.4   | 8.1    | 7.8  | 7.5    | 7.1   | 6.6    |
| -55°    | 9.6    | 9.2   | 8.9    | 8.7  | 8.5    | 8.3   | 8.0    | 7.6  | 7.3    | 6.9   | 6.4    |
| -56.25° | 9.3    | 9.0   | 8.8    | 8.5  | 8.3    | 8.1   | 7.8    | 7.5  | 7.1    | 6.7   | 6.1    |
| -57.5°  | 9.0    | 8.8   | 8.6    | 8.4  | 8.2    | 7.9   | 7.6    | 7.3  | 7.0    | 6.4   | 5.9    |
| -58.75° | 8.8    | 8.6   | 8.4    | 8.3  | 8.0    | 7.7   | 7.4    | 7.1  | 6.7    | 6.1   | 5.6    |
| -60°    | 8.7    | 8.5   | 8.3    | 8.1  | 7.8    | 7.5   | 7.2    | 6.9  | 6.4    | 5.9   | 5.4    |
| -61.25° | 8.5    | 8.3   | 8.1    | 7.8  | 7.6    | 7.3   | 7.0    | 6.6  | 6.1    | 5.6   | 5.1    |
| -62.5°  | 8.3    | 8.1   | 7.9    | 7.6  | 7.3    | 7.1   | 6.7    | 6.2  | 5.8    | 5.3   | 4.9    |
| -63.75° | 8.1    | 7.9   | 7.6    | 7.4  | 7.1    | 6.8   | 6.3    | 5.9  | 5.5    | 5.0   | 4.7    |
| -65°    | 7.8    | 7.6   | 7.4    | 7.1  | 6.8    | 6.4   | 6.0    | 5.6  | 5.2    | 4.8   | 4.4    |
| -66.25° | 7.6    | 7.3   | 7.1    | 6.8  | 6.4    | 6.0   | 5.7    | 5.3  | 4.9    | 4.6   | 4.2    |
| -67.5°  | 7.3    | 7.1   | 6.8    | 6.4  | 6.0    | 5.7   | 5.3    | 4.9  | 4.6    | 4.3   | 4.0    |
| -68.75° | 7.0    | 6.7   | 6.3    | 6.0  | 5.7    | 5.3   | 4.9    | 4.7  | 4.4    | 4.1   | 3.8    |
| -70°    | 6.6    | 6.2   | 5.9    | 5.6  | 5.3    | 4.9   | 4.7    | 4.4  | 4.1    | 3.9   | 3.6    |
| -71.25° | 6.1    | 5.8   | 5.5    | 5.2  | 4.9    | 4.6   | 4.4    | 4.1  | 3.9    | 3.6   | 3.4    |
| -72.5°  | 5.6    | 5.3   | 5.0    | 4.8  | 4.6    | 4.3   | 4.1    | 3.9  | 3.6    | 3.4   | 3.2    |
| -73.75° | 5.1    | 4.9   | 4.7    | 4.4  | 4.2    | 4.0   | 3.8    | 3.6  | 3.4    | 3.2   | 3.0    |
| -75°    | 4.7    | 4.5   | 4.3    | 4.1  | 3.9    | 3.7   | 3.5    | 3.4  | 3.1    | 2.9   | 2.7    |
| -76.25° | 4.3    | 4.1   | 4.0    | 3.8  | 3.6    | 3.4   | 3.3    | 3.1  | 2.9    | 2.7   | 2.5    |
| -77.5°  | 3.9    | 3.8   | 3.6    | 3.5  | 3.3    | 3.1   | 3.0    | 2.8  | 2.6    | 2.4   | 2.3    |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| -78.75° | 3.5    | 3.4   | 3.3    | 3.1 | 3.0    | 2.8   | 2.7    | 2.5 | 2.3    | 2.2   | 2.0    |
| -80°    | 3.2    | 3.0   | 2.9    | 2.8 | 2.6    | 2.5   | 2.4    | 2.2 | 2.1    | 1.9   | 1.8    |
| -81.25° | 2.8    | 2.6   | 2.5    | 2.4 | 2.3    | 2.2   | 2.0    | 1.9 | 1.8    | 1.7   | 1.6    |
| -82.5°  | 2.3    | 2.2   | 2.2    | 2.1 | 1.9    | 1.8   | 1.7    | 1.6 | 1.5    | 1.4   | 1.3    |
| -83.75° | 1.9    | 1.9   | 1.8    | 1.7 | 1.6    | 1.5   | 1.4    | 1.4 | 1.3    | 1.2   | 1.1    |
| -85°    | 1.5    | 1.5   | 1.4    | 1.4 | 1.3    | 1.2   | 1.2    | 1.1 | 1.0    | 1.0   | 0.9    |
| -86.25° | 1.2    | 1.1   | 1.1    | 1.0 | 1.0    | 0.9   | 0.9    | 0.8 | 0.8    | 0.7   | 0.7    |
| -87.5°  | 0.8    | 0.7   | 0.7    | 0.7 | 0.6    | 0.6   | 0.6    | 0.5 | 0.5    | 0.5   | 0.4    |
| -88.75° | 0.4    | 0.4   | 0.4    | 0.3 | 0.3    | 0.3   | 0.3    | 0.3 | 0.3    | 0.2   | 0.2    |
| -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: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|        | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 90°    | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   |
| 88.75° | 0.2 | 0.2    | 0.2   | 0.2    | 0.1 | 0.1    | 0.1   | 0.1    | 0.1 | 0.1    | 0.0   |
| 87.5°  | 0.4 | 0.4    | 0.3   | 0.3    | 0.3 | 0.2    | 0.2   | 0.2    | 0.1 | 0.1    | 0.1   |
| 86.25° | 0.6 | 0.6    | 0.5   | 0.5    | 0.4 | 0.4    | 0.3   | 0.3    | 0.2 | 0.2    | 0.1   |
| 85°    | 0.8 | 0.8    | 0.7   | 0.6    | 0.6 | 0.5    | 0.4   | 0.3    | 0.3 | 0.2    | 0.1   |
| 83.75° | 1.0 | 0.9    | 0.9   | 0.8    | 0.7 | 0.6    | 0.5   | 0.4    | 0.3 | 0.3    | 0.2   |
| 82.5°  | 1.2 | 1.1    | 1.0   | 0.9    | 0.8 | 0.7    | 0.6   | 0.5    | 0.4 | 0.3    | 0.2   |
| 81.25° | 1.4 | 1.3    | 1.2   | 1.1    | 1.0 | 0.8    | 0.7   | 0.6    | 0.5 | 0.4    | 0.2   |
| 80°    | 1.7 | 1.5    | 1.4   | 1.2    | 1.1 | 1.0    | 0.8   | 0.7    | 0.6 | 0.4    | 0.3   |
| 78.75° | 1.9 | 1.7    | 1.5   | 1.4    | 1.2 | 1.1    | 0.9   | 0.8    | 0.6 | 0.5    | 0.3   |
| 77.5°  | 2.1 | 1.9    | 1.7   | 1.5    | 1.4 | 1.2    | 1.0   | 0.9    | 0.7 | 0.5    | 0.3   |
| 76.25° | 2.3 | 2.1    | 1.9   | 1.7    | 1.5 | 1.3    | 1.1   | 0.9    | 0.8 | 0.6    | 0.4   |
| 75°    | 2.5 | 2.3    | 2.1   | 1.9    | 1.7 | 1.4    | 1.2   | 1.0    | 0.8 | 0.6    | 0.4   |
| 73.75° | 2.7 | 2.5    | 2.3   | 2.0    | 1.8 | 1.6    | 1.3   | 1.1    | 0.9 | 0.7    | 0.4   |
| 72.5°  | 2.9 | 2.7    | 2.4   | 2.2    | 1.9 | 1.7    | 1.4   | 1.2    | 1.0 | 0.7    | 0.5   |
| 71.25° | 3.1 | 2.9    | 2.6   | 2.3    | 2.1 | 1.8    | 1.5   | 1.3    | 1.0 | 0.8    | 0.5   |
| 70°    | 3.4 | 3.1    | 2.8   | 2.5    | 2.2 | 1.9    | 1.6   | 1.4    | 1.1 | 0.8    | 0.5   |
| 68.75° | 3.5 | 3.3    | 3.0   | 2.7    | 2.4 | 2.0    | 1.7   | 1.4    | 1.2 | 0.9    | 0.6   |
| 67.5°  | 3.7 | 3.4    | 3.1   | 2.8    | 2.5 | 2.2    | 1.8   | 1.5    | 1.2 | 0.9    | 0.6   |
| 66.25° | 3.9 | 3.6    | 3.3   | 3.0    | 2.6 | 2.3    | 1.9   | 1.6    | 1.3 | 1.0    | 0.6   |
| 65°    | 4.1 | 3.8    | 3.5   | 3.1    | 2.8 | 2.4    | 2.1   | 1.7    | 1.4 | 1.0    | 0.7   |
| 63.75° | 4.3 | 4.0    | 3.6   | 3.3    | 2.9 | 2.5    | 2.2   | 1.8    | 1.4 | 1.1    | 0.7   |
| 62.5°  | 4.5 | 4.1    | 3.8   | 3.4    | 3.0 | 2.6    | 2.2   | 1.9    | 1.5 | 1.1    | 0.7   |
| 61.25° | 4.7 | 4.3    | 3.9   | 3.5    | 3.2 | 2.8    | 2.3   | 1.9    | 1.5 | 1.2    | 0.8   |
| 60°    | 4.9 | 4.5    | 4.1   | 3.7    | 3.3 | 2.9    | 2.4   | 2.0    | 1.6 | 1.2    | 0.8   |
| 58.75° | 5.1 | 4.6    | 4.2   | 3.8    | 3.4 | 3.0    | 2.5   | 2.1    | 1.7 | 1.2    | 0.8   |
| 57.5°  | 5.3 | 4.8    | 4.4   | 4.0    | 3.5 | 3.1    | 2.6   | 2.2    | 1.7 | 1.3    | 0.9   |
| 56.25° | 5.5 | 5.0    | 4.5   | 4.1    | 3.6 | 3.2    | 2.7   | 2.3    | 1.8 | 1.3    | 0.9   |
| 55°    | 5.8 | 5.2    | 4.7   | 4.2    | 3.8 | 3.3    | 2.8   | 2.3    | 1.8 | 1.4    | 0.9   |
| 53.75° | 6.0 | 5.4    | 4.8   | 4.3    | 3.9 | 3.4    | 2.9   | 2.4    | 1.9 | 1.4    | 0.9   |
| 52.5°  | 6.2 | 5.6    | 5.0   | 4.5    | 4.0 | 3.5    | 3.0   | 2.5    | 2.0 | 1.5    | 1.0   |
| 51.25° | 6.4 | 5.8    | 5.1   | 4.6    | 4.1 | 3.6    | 3.1   | 2.6    | 2.0 | 1.5    | 1.0   |
| 50°    | 6.6 | 6.0    | 5.3   | 4.7    | 4.2 | 3.7    | 3.2   | 2.6    | 2.1 | 1.5    | 1.0   |
| 48.75° | 6.9 | 6.2    | 5.5   | 4.8    | 4.3 | 3.8    | 3.3   | 2.7    | 2.1 | 1.6    | 1.1   |
| 47.5°  | 7.0 | 6.4    | 5.7   | 5.0    | 4.4 | 3.9    | 3.3   | 2.8    | 2.2 | 1.6    | 1.1   |
| 46.25° | 7.1 | 6.5    | 5.8   | 5.1    | 4.5 | 4.0    | 3.4   | 2.8    | 2.2 | 1.7    | 1.1   |
| 45°    | 7.3 | 6.7    | 6.0   | 5.3    | 4.6 | 4.1    | 3.5   | 2.9    | 2.3 | 1.7    | 1.1   |
| 43.75° | 7.4 | 6.9    | 6.2   | 5.4    | 4.7 | 4.1    | 3.6   | 3.0    | 2.4 | 1.7    | 1.2   |
| 42.5°  | 7.5 | 7.0    | 6.3   | 5.5    | 4.8 | 4.2    | 3.6   | 3.0    | 2.4 | 1.8    | 1.2   |
| 41.25° | 7.6 | 7.1    | 6.5   | 5.7    | 4.9 | 4.3    | 3.7   | 3.1    | 2.5 | 1.8    | 1.2   |
| 40°    | 7.7 | 7.2    | 6.6   | 5.8    | 5.0 | 4.4    | 3.8   | 3.2    | 2.5 | 1.9    | 1.2   |
| 38.75° | 7.8 | 7.3    | 6.8   | 6.0    | 5.1 | 4.5    | 3.8   | 3.2    | 2.6 | 1.9    | 1.2   |
| 37.5°  | 7.9 | 7.4    | 6.9   | 6.1    | 5.3 | 4.5    | 3.9   | 3.3    | 2.6 | 1.9    | 1.3   |
| 36.25° | 8.0 | 7.5    | 7.0   | 6.2    | 5.4 | 4.6    | 4.0   | 3.3    | 2.6 | 2.0    | 1.3   |
| 35°    | 8.1 | 7.6    | 7.1   | 6.3    | 5.5 | 4.7    | 4.0   | 3.4    | 2.7 | 2.0    | 1.3   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 33.75°  | 8.2 | 7.7    | 7.2   | 6.4    | 5.6 | 4.8    | 4.1   | 3.4    | 2.7 | 2.0    | 1.3   |
| 32.5°   | 8.2 | 7.8    | 7.2   | 6.6    | 5.7 | 4.8    | 4.1   | 3.5    | 2.8 | 2.1    | 1.3   |
| 31.25°  | 8.3 | 7.8    | 7.3   | 6.7    | 5.8 | 4.9    | 4.2   | 3.5    | 2.8 | 2.1    | 1.4   |
| 30°     | 8.3 | 7.9    | 7.4   | 6.8    | 5.9 | 5.0    | 4.3   | 3.6    | 2.8 | 2.1    | 1.4   |
| 28.75°  | 8.4 | 8.0    | 7.5   | 6.9    | 6.0 | 5.0    | 4.3   | 3.6    | 2.9 | 2.1    | 1.4   |
| 27.5°   | 8.4 | 8.0    | 7.5   | 7.0    | 6.0 | 5.1    | 4.4   | 3.6    | 2.9 | 2.2    | 1.4   |
| 26.25°  | 8.5 | 8.1    | 7.6   | 7.0    | 6.1 | 5.2    | 4.4   | 3.7    | 2.9 | 2.2    | 1.4   |
| 25°     | 8.5 | 8.2    | 7.6   | 7.1    | 6.2 | 5.3    | 4.4   | 3.7    | 3.0 | 2.2    | 1.5   |
| 23.75°  | 8.6 | 8.2    | 7.7   | 7.1    | 6.3 | 5.3    | 4.5   | 3.8    | 3.0 | 2.2    | 1.5   |
| 22.5°   | 8.6 | 8.3    | 7.7   | 7.2    | 6.4 | 5.4    | 4.5   | 3.8    | 3.0 | 2.3    | 1.5   |
| 21.25°  | 8.7 | 8.3    | 7.8   | 7.2    | 6.4 | 5.4    | 4.6   | 3.8    | 3.1 | 2.3    | 1.5   |
| 20°     | 8.7 | 8.3    | 7.8   | 7.3    | 6.5 | 5.5    | 4.6   | 3.9    | 3.1 | 2.3    | 1.5   |
| 18.75°  | 8.7 | 8.4    | 7.9   | 7.3    | 6.5 | 5.6    | 4.6   | 3.9    | 3.1 | 2.3    | 1.5   |
| 17.5°   | 8.8 | 8.4    | 7.9   | 7.3    | 6.6 | 5.6    | 4.7   | 3.9    | 3.1 | 2.3    | 1.5   |
| 16.25°  | 8.8 | 8.4    | 8.0   | 7.4    | 6.7 | 5.7    | 4.7   | 3.9    | 3.2 | 2.3    | 1.5   |
| 15°     | 8.8 | 8.4    | 8.0   | 7.4    | 6.7 | 5.7    | 4.7   | 4.0    | 3.2 | 2.4    | 1.5   |
| 13.75°  | 8.9 | 8.5    | 8.0   | 7.4    | 6.8 | 5.7    | 4.8   | 4.0    | 3.2 | 2.4    | 1.6   |
| 12.5°   | 8.9 | 8.5    | 8.1   | 7.5    | 6.8 | 5.8    | 4.8   | 4.0    | 3.2 | 2.4    | 1.6   |
| 11.25°  | 8.9 | 8.5    | 8.1   | 7.5    | 6.8 | 5.8    | 4.8   | 4.0    | 3.2 | 2.4    | 1.6   |
| 10°     | 8.9 | 8.5    | 8.1   | 7.5    | 6.9 | 5.8    | 4.8   | 4.0    | 3.2 | 2.4    | 1.6   |
| 8.75°   | 8.9 | 8.5    | 8.1   | 7.5    | 6.9 | 5.9    | 4.8   | 4.1    | 3.3 | 2.4    | 1.6   |
| 7.5°    | 9.0 | 8.6    | 8.1   | 7.6    | 6.9 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| 6.25°   | 9.0 | 8.6    | 8.2   | 7.6    | 6.9 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| 5°      | 9.0 | 8.6    | 8.2   | 7.6    | 7.0 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| 3.75°   | 9.0 | 8.6    | 8.2   | 7.6    | 7.0 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| 2.5°    | 9.0 | 8.6    | 8.2   | 7.6    | 7.0 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| 1.25°   | 9.0 | 8.6    | 8.2   | 7.6    | 7.0 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| 0°      | 9.0 | 8.6    | 8.2   | 7.6    | 7.0 | 6.0    | 4.9   | 4.1    | 3.3 | 2.5    | 1.6   |
| -1.25°  | 9.0 | 8.6    | 8.2   | 7.6    | 7.0 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| -2.5°   | 9.0 | 8.6    | 8.2   | 7.6    | 7.0 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| -3.75°  | 9.0 | 8.6    | 8.2   | 7.6    | 7.0 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| -5°     | 9.0 | 8.6    | 8.2   | 7.6    | 7.0 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| -6.25°  | 9.0 | 8.6    | 8.2   | 7.6    | 6.9 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| -7.5°   | 9.0 | 8.6    | 8.1   | 7.6    | 6.9 | 5.9    | 4.9   | 4.1    | 3.3 | 2.4    | 1.6   |
| -8.75°  | 8.9 | 8.5    | 8.1   | 7.5    | 6.9 | 5.9    | 4.8   | 4.1    | 3.3 | 2.4    | 1.6   |
| -10°    | 8.9 | 8.5    | 8.1   | 7.5    | 6.9 | 5.8    | 4.8   | 4.0    | 3.2 | 2.4    | 1.6   |
| -11.25° | 8.9 | 8.5    | 8.1   | 7.5    | 6.8 | 5.8    | 4.8   | 4.0    | 3.2 | 2.4    | 1.6   |
| -12.5°  | 8.9 | 8.5    | 8.1   | 7.5    | 6.8 | 5.8    | 4.8   | 4.0    | 3.2 | 2.4    | 1.6   |
| -13.75° | 8.9 | 8.5    | 8.0   | 7.4    | 6.8 | 5.7    | 4.8   | 4.0    | 3.2 | 2.4    | 1.6   |
| -15°    | 8.8 | 8.4    | 8.0   | 7.4    | 6.7 | 5.7    | 4.7   | 4.0    | 3.2 | 2.4    | 1.5   |
| -16.25° | 8.8 | 8.4    | 8.0   | 7.4    | 6.7 | 5.7    | 4.7   | 3.9    | 3.2 | 2.3    | 1.5   |
| -17.5°  | 8.8 | 8.4    | 7.9   | 7.3    | 6.6 | 5.6    | 4.7   | 3.9    | 3.1 | 2.3    | 1.5   |
| -18.75° | 8.7 | 8.4    | 7.9   | 7.3    | 6.5 | 5.6    | 4.6   | 3.9    | 3.1 | 2.3    | 1.5   |
| -20°    | 8.7 | 8.3    | 7.8   | 7.3    | 6.5 | 5.5    | 4.6   | 3.9    | 3.1 | 2.3    | 1.5   |
| -21.25° | 8.7 | 8.3    | 7.8   | 7.2    | 6.4 | 5.4    | 4.6   | 3.8    | 3.1 | 2.3    | 1.5   |





REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -22.5°  | 8.6 | 8.3    | 7.7   | 7.2    | 6.4 | 5.4    | 4.5   | 3.8    | 3.0 | 2.3    | 1.5   |
| -23.75° | 8.6 | 8.2    | 7.7   | 7.1    | 6.3 | 5.3    | 4.5   | 3.8    | 3.0 | 2.2    | 1.5   |
| -25°    | 8.5 | 8.2    | 7.6   | 7.1    | 6.2 | 5.3    | 4.4   | 3.7    | 3.0 | 2.2    | 1.5   |
| -26.25° | 8.5 | 8.1    | 7.6   | 7.0    | 6.1 | 5.2    | 4.4   | 3.7    | 2.9 | 2.2    | 1.4   |
| -27.5°  | 8.4 | 8.0    | 7.5   | 7.0    | 6.0 | 5.1    | 4.4   | 3.6    | 2.9 | 2.2    | 1.4   |
| -28.75° | 8.4 | 8.0    | 7.5   | 6.9    | 6.0 | 5.0    | 4.3   | 3.6    | 2.9 | 2.1    | 1.4   |
| -30°    | 8.3 | 7.9    | 7.4   | 6.8    | 5.9 | 5.0    | 4.3   | 3.6    | 2.8 | 2.1    | 1.4   |
| -31.25° | 8.3 | 7.8    | 7.3   | 6.7    | 5.8 | 4.9    | 4.2   | 3.5    | 2.8 | 2.1    | 1.4   |
| -32.5°  | 8.2 | 7.8    | 7.2   | 6.6    | 5.7 | 4.8    | 4.1   | 3.5    | 2.8 | 2.1    | 1.3   |
| -33.75° | 8.2 | 7.7    | 7.2   | 6.4    | 5.6 | 4.8    | 4.1   | 3.4    | 2.7 | 2.0    | 1.3   |
| -35°    | 8.1 | 7.6    | 7.1   | 6.3    | 5.5 | 4.7    | 4.0   | 3.4    | 2.7 | 2.0    | 1.3   |
| -36.25° | 8.0 | 7.5    | 7.0   | 6.2    | 5.4 | 4.6    | 4.0   | 3.3    | 2.6 | 2.0    | 1.3   |
| -37.5°  | 7.9 | 7.4    | 6.9   | 6.1    | 5.3 | 4.5    | 3.9   | 3.3    | 2.6 | 1.9    | 1.3   |
| -38.75° | 7.8 | 7.3    | 6.8   | 6.0    | 5.1 | 4.5    | 3.8   | 3.2    | 2.6 | 1.9    | 1.2   |
| -40°    | 7.7 | 7.2    | 6.6   | 5.8    | 5.0 | 4.4    | 3.8   | 3.2    | 2.5 | 1.9    | 1.2   |
| -41.25° | 7.6 | 7.1    | 6.5   | 5.7    | 4.9 | 4.3    | 3.7   | 3.1    | 2.5 | 1.8    | 1.2   |
| -42.5°  | 7.5 | 7.0    | 6.3   | 5.5    | 4.8 | 4.2    | 3.6   | 3.0    | 2.4 | 1.8    | 1.2   |
| -43.75° | 7.4 | 6.9    | 6.2   | 5.4    | 4.7 | 4.1    | 3.6   | 3.0    | 2.4 | 1.7    | 1.2   |
| -45°    | 7.3 | 6.7    | 6.0   | 5.3    | 4.6 | 4.1    | 3.5   | 2.9    | 2.3 | 1.7    | 1.1   |
| -46.25° | 7.1 | 6.5    | 5.8   | 5.1    | 4.5 | 4.0    | 3.4   | 2.8    | 2.2 | 1.7    | 1.1   |
| -47.5°  | 7.0 | 6.4    | 5.7   | 5.0    | 4.4 | 3.9    | 3.3   | 2.8    | 2.2 | 1.6    | 1.1   |
| -48.75° | 6.9 | 6.2    | 5.5   | 4.8    | 4.3 | 3.8    | 3.3   | 2.7    | 2.1 | 1.6    | 1.1   |
| -50°    | 6.6 | 6.0    | 5.3   | 4.7    | 4.2 | 3.7    | 3.2   | 2.6    | 2.1 | 1.5    | 1.0   |
| -51.25° | 6.4 | 5.8    | 5.1   | 4.6    | 4.1 | 3.6    | 3.1   | 2.6    | 2.0 | 1.5    | 1.0   |
| -52.5°  | 6.2 | 5.6    | 5.0   | 4.5    | 4.0 | 3.5    | 3.0   | 2.5    | 2.0 | 1.5    | 1.0   |
| -53.75° | 6.0 | 5.4    | 4.8   | 4.3    | 3.9 | 3.4    | 2.9   | 2.4    | 1.9 | 1.4    | 0.9   |
| -55°    | 5.8 | 5.2    | 4.7   | 4.2    | 3.8 | 3.3    | 2.8   | 2.3    | 1.8 | 1.4    | 0.9   |
| -56.25° | 5.5 | 5.0    | 4.5   | 4.1    | 3.6 | 3.2    | 2.7   | 2.3    | 1.8 | 1.3    | 0.9   |
| -57.5°  | 5.3 | 4.8    | 4.4   | 4.0    | 3.5 | 3.1    | 2.6   | 2.2    | 1.7 | 1.3    | 0.9   |
| -58.75° | 5.1 | 4.6    | 4.2   | 3.8    | 3.4 | 3.0    | 2.5   | 2.1    | 1.7 | 1.2    | 0.8   |
| -60°    | 4.9 | 4.5    | 4.1   | 3.7    | 3.3 | 2.9    | 2.4   | 2.0    | 1.6 | 1.2    | 0.8   |
| -61.25° | 4.7 | 4.3    | 3.9   | 3.5    | 3.2 | 2.8    | 2.3   | 1.9    | 1.5 | 1.2    | 0.8   |
| -62.5°  | 4.5 | 4.1    | 3.8   | 3.4    | 3.0 | 2.6    | 2.2   | 1.9    | 1.5 | 1.1    | 0.7   |
| -63.75° | 4.3 | 4.0    | 3.6   | 3.3    | 2.9 | 2.5    | 2.2   | 1.8    | 1.4 | 1.1    | 0.7   |
| -65°    | 4.1 | 3.8    | 3.5   | 3.1    | 2.8 | 2.4    | 2.1   | 1.7    | 1.4 | 1.0    | 0.7   |
| -66.25° | 3.9 | 3.6    | 3.3   | 3.0    | 2.6 | 2.3    | 1.9   | 1.6    | 1.3 | 1.0    | 0.6   |
| -67.5°  | 3.7 | 3.4    | 3.1   | 2.8    | 2.5 | 2.2    | 1.8   | 1.5    | 1.2 | 0.9    | 0.6   |
| -68.75° | 3.5 | 3.3    | 3.0   | 2.7    | 2.4 | 2.0    | 1.7   | 1.4    | 1.2 | 0.9    | 0.6   |
| -70°    | 3.4 | 3.1    | 2.8   | 2.5    | 2.2 | 1.9    | 1.6   | 1.4    | 1.1 | 0.8    | 0.5   |
| -71.25° | 3.1 | 2.9    | 2.6   | 2.3    | 2.1 | 1.8    | 1.5   | 1.3    | 1.0 | 0.8    | 0.5   |
| -72.5°  | 2.9 | 2.7    | 2.4   | 2.2    | 1.9 | 1.7    | 1.4   | 1.2    | 1.0 | 0.7    | 0.5   |
| -73.75° | 2.7 | 2.5    | 2.3   | 2.0    | 1.8 | 1.6    | 1.3   | 1.1    | 0.9 | 0.7    | 0.4   |
| -75°    | 2.5 | 2.3    | 2.1   | 1.9    | 1.7 | 1.4    | 1.2   | 1.0    | 0.8 | 0.6    | 0.4   |
| -76.25° | 2.3 | 2.1    | 1.9   | 1.7    | 1.5 | 1.3    | 1.1   | 0.9    | 0.8 | 0.6    | 0.4   |
| -77.5°  | 2.1 | 1.9    | 1.7   | 1.5    | 1.4 | 1.2    | 1.0   | 0.9    | 0.7 | 0.5    | 0.3   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-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° | 1.9 | 1.7    | 1.5   | 1.4    | 1.2 | 1.1    | 0.9   | 0.8    | 0.6 | 0.5    | 0.3   |
| -80°    | 1.7 | 1.5    | 1.4   | 1.2    | 1.1 | 1.0    | 0.8   | 0.7    | 0.6 | 0.4    | 0.3   |
| -81.25° | 1.4 | 1.3    | 1.2   | 1.1    | 1.0 | 0.8    | 0.7   | 0.6    | 0.5 | 0.4    | 0.2   |
| -82.5°  | 1.2 | 1.1    | 1.0   | 0.9    | 0.8 | 0.7    | 0.6   | 0.5    | 0.4 | 0.3    | 0.2   |
| -83.75° | 1.0 | 0.9    | 0.9   | 0.8    | 0.7 | 0.6    | 0.5   | 0.4    | 0.3 | 0.3    | 0.2   |
| -85°    | 0.8 | 0.8    | 0.7   | 0.6    | 0.6 | 0.5    | 0.4   | 0.3    | 0.3 | 0.2    | 0.1   |
| -86.25° | 0.6 | 0.6    | 0.5   | 0.5    | 0.4 | 0.4    | 0.3   | 0.3    | 0.2 | 0.2    | 0.1   |
| -87.5°  | 0.4 | 0.4    | 0.3   | 0.3    | 0.3 | 0.2    | 0.2   | 0.2    | 0.1 | 0.1    | 0.1   |
| -88.75° | 0.2 | 0.2    | 0.2   | 0.2    | 0.1 | 0.1    | 0.1   | 0.1    | 0.1 | 0.1    | 0.0   |
| -90°    | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   | 0.0    | 0.0 | 0.0    | 0.0   |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| 33.75°  | 0.7    | 0.0 |
| 32.5°   | 0.7    | 0.0 |
| 31.25°  | 0.7    | 0.0 |
| 30°     | 0.7    | 0.0 |
| 28.75°  | 0.7    | 0.0 |
| 27.5°   | 0.7    | 0.0 |
| 26.25°  | 0.7    | 0.0 |
| 25°     | 0.7    | 0.0 |
| 23.75°  | 0.7    | 0.0 |
| 22.5°   | 0.7    | 0.0 |
| 21.25°  | 0.7    | 0.0 |
| 20°     | 0.8    | 0.0 |
| 18.75°  | 0.8    | 0.0 |
| 17.5°   | 0.8    | 0.0 |
| 16.25°  | 0.8    | 0.0 |
| 15°     | 0.8    | 0.0 |
| 13.75°  | 0.8    | 0.0 |
| 12.5°   | 0.8    | 0.0 |
| 11.25°  | 0.8    | 0.0 |
| 10°     | 0.8    | 0.0 |
| 8.75°   | 0.8    | 0.0 |
| 7.5°    | 0.8    | 0.0 |
| 6.25°   | 0.8    | 0.0 |
| 5°      | 0.8    | 0.0 |
| 3.75°   | 0.8    | 0.0 |
| 2.5°    | 0.8    | 0.0 |
| 1.25°   | 0.8    | 0.0 |
| 0°      | 0.8    | 0.0 |
| -1.25°  | 0.8    | 0.0 |
| -2.5°   | 0.8    | 0.0 |
| -3.75°  | 0.8    | 0.0 |
| -5°     | 0.8    | 0.0 |
| -6.25°  | 0.8    | 0.0 |
| -7.5°   | 0.8    | 0.0 |
| -8.75°  | 0.8    | 0.0 |
| -10°    | 0.8    | 0.0 |
| -11.25° | 0.8    | 0.0 |
| -12.5°  | 0.8    | 0.0 |
| -13.75° | 0.8    | 0.0 |
| -15°    | 0.8    | 0.0 |
| -16.25° | 0.8    | 0.0 |
| -17.5°  | 0.8    | 0.0 |
| -18.75° | 0.8    | 0.0 |
| -20°    | 0.8    | 0.0 |
| -21.25° | 0.7    | 0.0 |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

|         | 88.75° | 90° |
|---------|--------|-----|
| -22.5°  | 0.7    | 0.0 |
| -23.75° | 0.7    | 0.0 |
| -25°    | 0.7    | 0.0 |
| -26.25° | 0.7    | 0.0 |
| -27.5°  | 0.7    | 0.0 |
| -28.75° | 0.7    | 0.0 |
| -30°    | 0.7    | 0.0 |
| -31.25° | 0.7    | 0.0 |
| -32.5°  | 0.7    | 0.0 |
| -33.75° | 0.7    | 0.0 |
| -35°    | 0.7    | 0.0 |
| -36.25° | 0.6    | 0.0 |
| -37.5°  | 0.6    | 0.0 |
| -38.75° | 0.6    | 0.0 |
| -40°    | 0.6    | 0.0 |
| -41.25° | 0.6    | 0.0 |
| -42.5°  | 0.6    | 0.0 |
| -43.75° | 0.6    | 0.0 |
| -45°    | 0.6    | 0.0 |
| -46.25° | 0.6    | 0.0 |
| -47.5°  | 0.5    | 0.0 |
| -48.75° | 0.5    | 0.0 |
| -50°    | 0.5    | 0.0 |
| -51.25° | 0.5    | 0.0 |
| -52.5°  | 0.5    | 0.0 |
| -53.75° | 0.5    | 0.0 |
| -55°    | 0.5    | 0.0 |
| -56.25° | 0.4    | 0.0 |
| -57.5°  | 0.4    | 0.0 |
| -58.75° | 0.4    | 0.0 |
| -60°    | 0.4    | 0.0 |
| -61.25° | 0.4    | 0.0 |
| -62.5°  | 0.4    | 0.0 |
| -63.75° | 0.4    | 0.0 |
| -65°    | 0.3    | 0.0 |
| -66.25° | 0.3    | 0.0 |
| -67.5°  | 0.3    | 0.0 |
| -68.75° | 0.3    | 0.0 |
| -70°    | 0.3    | 0.0 |
| -71.25° | 0.3    | 0.0 |
| -72.5°  | 0.2    | 0.0 |
| -73.75° | 0.2    | 0.0 |
| -75°    | 0.2    | 0.0 |
| -76.25° | 0.2    | 0.0 |
| -77.5°  | 0.2    | 0.0 |



REPORT NUMBER: P220450 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2790-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)