

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: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV**

Issue Date: 3/3/2020

Test Information

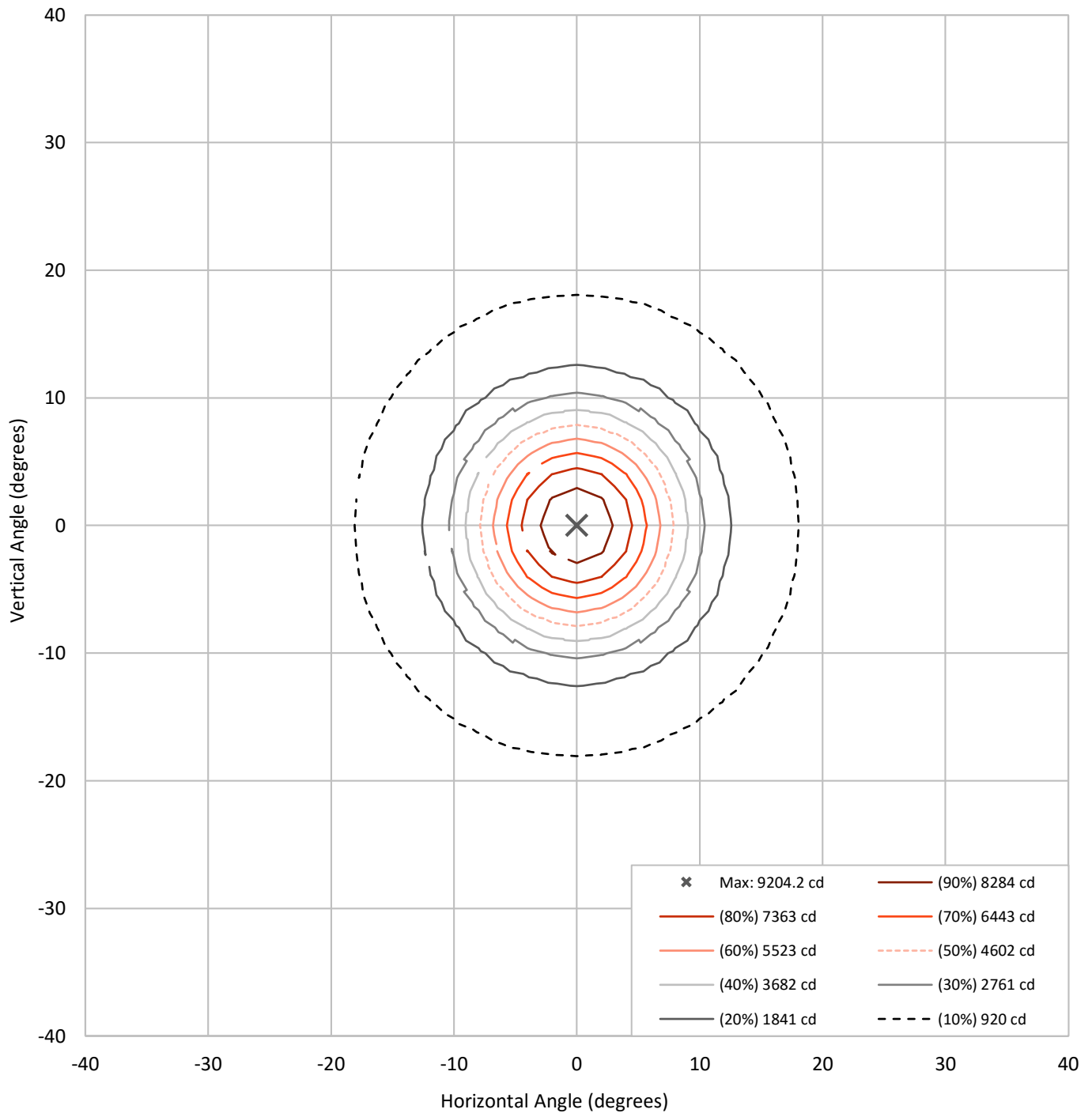
Test Method: LM-79-08
Report Number: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29468)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, SPOT OPTIC, WHITE HOUSING.
Light Source: (1) 2700K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|-------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 1255.4 lumens | Max Intensity: | 9204.2 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 62.5 lumens/watt | | |
| Luminous Opening: | Circular (Dia: 0.25' x H: 0') | | |
| Beam Angle (50%): | 15.8°H x 15.8°V | Field Angle (10%): | 36.1°H x 36.1°V |
| Beam Lumens: | 383 lumens | Field Lumens: | 845.2 lumens |
| Beam Efficiency: | 30.5% | Field Efficiency: | 67.3% |
| Input Watts (W): | 20.1 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |

REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





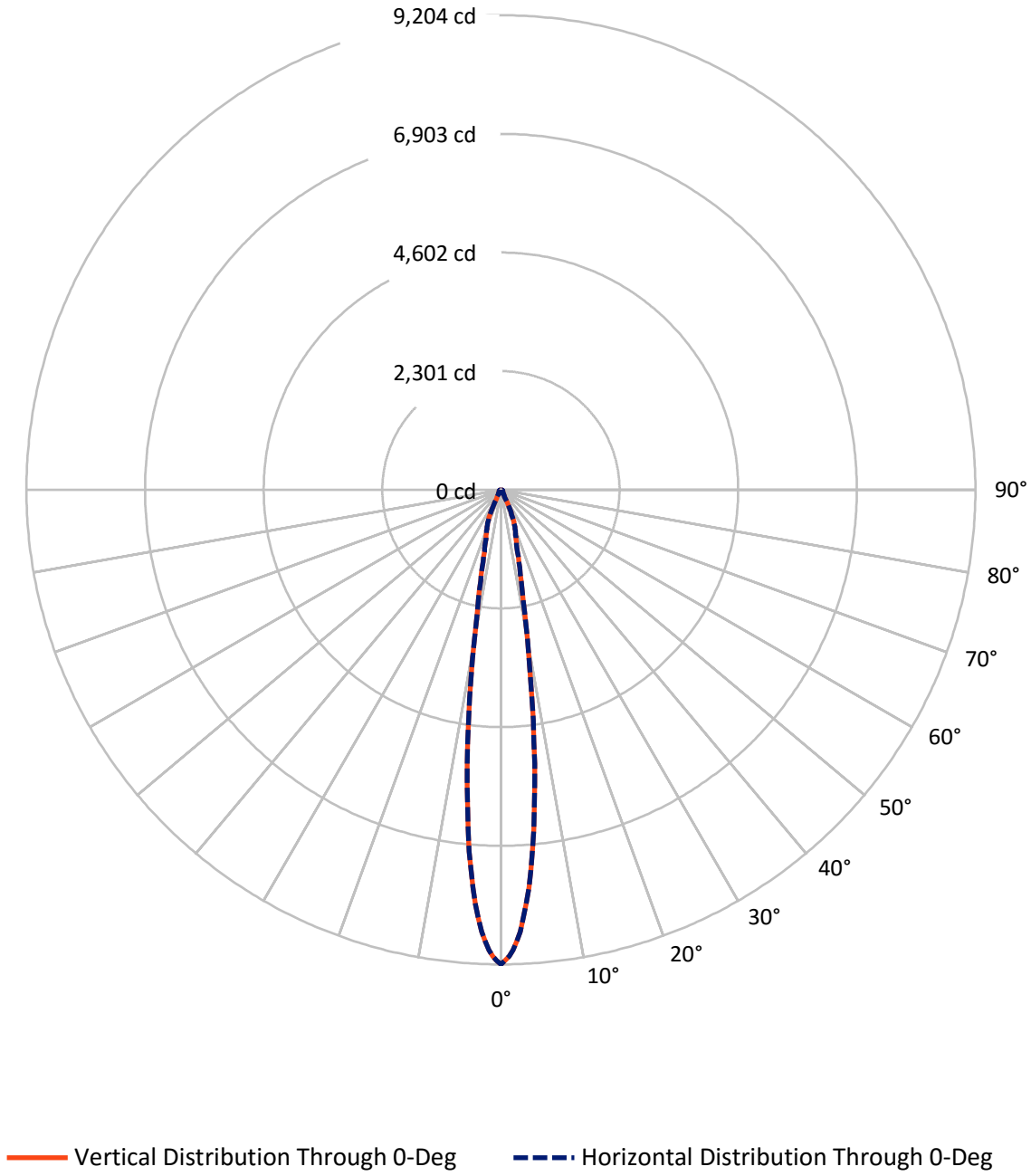
REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|------|-------|-------|------|-----|-----|-----|-----|-----|-----|----|----|----|
| 90 | 0.0 | 0.3 | 0.8 | 1.1 | 1.3 | 1.1 | 0.8 | 0.3 | 0.0 | | | | | | | | | | |
| 80 | 0.0 | 0.3 | 0.8 | 1.1 | 1.3 | 1.1 | 0.8 | 0.3 | 0.0 | | | | | | | | | | |
| 70 | 0.2 | 0.1 | 0.3 | 0.4 | 0.6 | 0.7 | 0.9 | 1.0 | 1.0 | 0.9 | 0.7 | 0.6 | 0.4 | 0.3 | 0.1 | 0.2 | | | |
| 60 | | 0.2 | 0.4 | 0.6 | 0.9 | 1.2 | 1.3 | 1.4 | 1.4 | 1.3 | 1.2 | 0.9 | 0.6 | 0.4 | 0.2 | | | | |
| 50 | 0.2 | 0.2 | 0.5 | 0.9 | 1.2 | 1.3 | 1.4 | 1.5 | 1.5 | 1.4 | 1.3 | 1.2 | 0.9 | 0.5 | 0.2 | 0.2 | | | |
| 40 | | 0.3 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 1.9 | 1.9 | 1.7 | 1.5 | 1.2 | 1.0 | 0.7 | 0.3 | | | | |
| 30 | 0.3 | 0.4 | 0.8 | 1.0 | 1.3 | 1.8 | 4.7 | 10.7 | 10.7 | 4.7 | 1.8 | 1.3 | 1.0 | 0.8 | 0.4 | 0.3 | | | |
| 20 | | 0.4 | 0.8 | 1.1 | 1.4 | 4.4 | 20.5 | 37.9 | 37.9 | 20.5 | 4.4 | 1.4 | 1.1 | 0.8 | 0.4 | | | | |
| 10 | 0.3 | 0.4 | 0.8 | 1.1 | 1.6 | 9.9 | 36.9 | 147.3 | 147.3 | 36.9 | 9.9 | 1.6 | 1.1 | 0.8 | 0.4 | 0.3 | | | |
| 0 | | 0.4 | 0.8 | 1.1 | 1.6 | 9.9 | 36.9 | 147.3 | 147.3 | 36.9 | 9.9 | 1.6 | 1.1 | 0.8 | 0.4 | | | | |
| -10 | 0.3 | 0.4 | 0.8 | 1.1 | 1.4 | 4.4 | 20.5 | 37.9 | 37.9 | 20.5 | 4.4 | 1.4 | 1.1 | 0.8 | 0.4 | 0.3 | | | |
| -20 | | 0.4 | 0.8 | 1.0 | 1.3 | 1.8 | 4.7 | 10.7 | 10.7 | 4.7 | 1.8 | 1.3 | 1.0 | 0.8 | 0.4 | | | | |
| -30 | 0.2 | 0.3 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 1.9 | 1.9 | 1.7 | 1.5 | 1.2 | 1.0 | 0.7 | 0.3 | 0.2 | | | |
| -40 | | 0.2 | 0.5 | 0.9 | 1.2 | 1.3 | 1.4 | 1.5 | 1.5 | 1.4 | 1.3 | 1.2 | 0.9 | 0.5 | 0.2 | | | | |
| -50 | 0.2 | 0.2 | 0.4 | 0.6 | 0.9 | 1.2 | 1.3 | 1.4 | 1.4 | 1.3 | 1.2 | 0.9 | 0.6 | 0.4 | 0.2 | 0.2 | | | |
| -60 | | 0.1 | 0.3 | 0.4 | 0.6 | 0.7 | 0.9 | 1.0 | 1.0 | 0.9 | 0.7 | 0.6 | 0.4 | 0.3 | 0.1 | | | | |
| -70 | 0.0 | 0.3 | 0.8 | 1.1 | 1.3 | 1.1 | 0.8 | 0.3 | 0.0 | | | | | | | 0.0 | | | |
| -80 | | 0.3 | 0.8 | 1.1 | 1.3 | 1.1 | 0.8 | 0.3 | 0.0 | | | | | | | | | | |
| -90 | 0.0 | 0.3 | 0.8 | 1.1 | 1.3 | 1.1 | 0.8 | 0.3 | 0.0 | | | | | | | 0.0 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

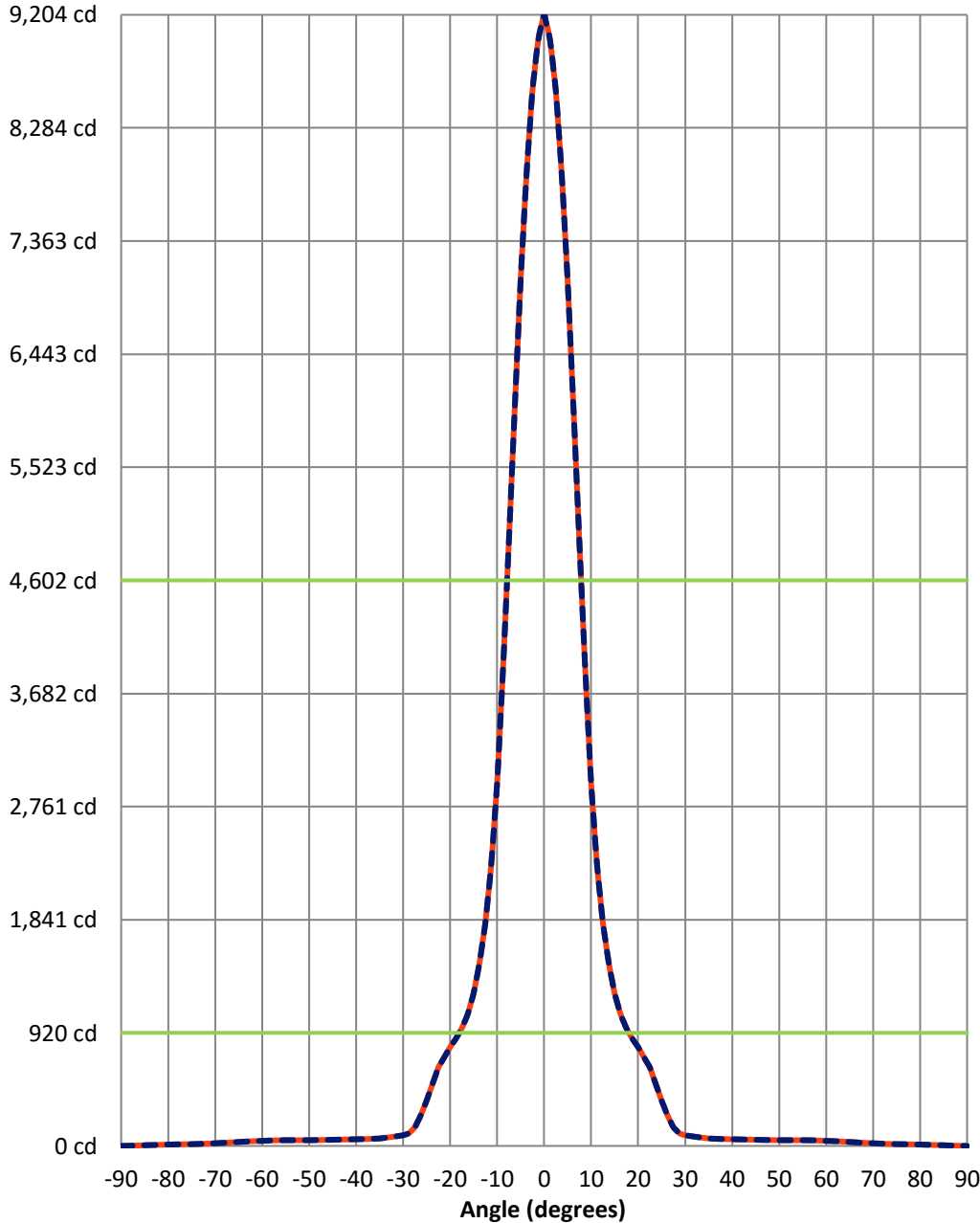
REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 15.8°
 V Angle: 15.8°
 Lumens: 383
 Efficiency: 30.5%

Field:
 H Angle: 36.1°
 V Angle: 36.1°
 Lumens: 845.2
 Efficiency: 67.3%

Spill:
 Lumens: 410.2
 Efficiency: 32.7%

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



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
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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 | 0.2 | 0.2 | 0.2 | 0.2 |
| 87.5° | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 |
| 86.25° | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 |
| 85° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| 83.75° | 0.0 | 0.1 | 0.2 | 0.3 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 |
| 82.5° | 0.0 | 0.1 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 1.0 | 1.1 | 1.2 | 1.4 |
| 81.25° | 0.0 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 1.0 | 1.1 | 1.3 | 1.4 | 1.6 |
| 80° | 0.0 | 0.2 | 0.4 | 0.5 | 0.7 | 0.9 | 1.1 | 1.3 | 1.5 | 1.6 | 1.8 |
| 78.75° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 |
| 77.5° | 0.0 | 0.2 | 0.5 | 0.7 | 0.9 | 1.1 | 1.4 | 1.6 | 1.8 | 2.0 | 2.4 |
| 76.25° | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.3 | 2.7 |
| 75° | 0.0 | 0.3 | 0.5 | 0.8 | 1.1 | 1.4 | 1.6 | 1.9 | 2.2 | 2.7 | 3.1 |
| 73.75° | 0.0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.0 | 2.5 | 3.0 | 3.5 |
| 72.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.3 | 1.6 | 1.9 | 2.3 | 2.8 | 3.3 | 3.8 |
| 71.25° | 0.0 | 0.3 | 0.7 | 1.0 | 1.3 | 1.7 | 2.0 | 2.5 | 3.1 | 3.6 | 4.2 |
| 70° | 0.0 | 0.4 | 0.7 | 1.1 | 1.4 | 1.8 | 2.2 | 2.8 | 3.4 | 4.0 | 4.5 |
| 68.75° | 0.0 | 0.4 | 0.8 | 1.1 | 1.5 | 1.9 | 2.4 | 3.0 | 3.7 | 4.3 | 4.9 |
| 67.5° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.6 | 3.3 | 3.9 | 4.6 | 5.3 |
| 66.25° | 0.0 | 0.4 | 0.8 | 1.3 | 1.7 | 2.1 | 2.8 | 3.5 | 4.2 | 4.9 | 5.6 |
| 65° | 0.0 | 0.4 | 0.9 | 1.3 | 1.8 | 2.3 | 3.0 | 3.8 | 4.5 | 5.2 | 5.9 |
| 63.75° | 0.0 | 0.5 | 0.9 | 1.4 | 1.9 | 2.5 | 3.2 | 4.0 | 4.8 | 5.5 | 6.2 |
| 62.5° | 0.0 | 0.5 | 1.0 | 1.5 | 1.9 | 2.6 | 3.4 | 4.2 | 5.0 | 5.8 | 6.4 |
| 61.25° | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.8 | 3.6 | 4.5 | 5.3 | 6.0 | 6.7 |
| 60° | 0.0 | 0.5 | 1.0 | 1.6 | 2.1 | 3.0 | 3.8 | 4.7 | 5.6 | 6.3 | 7.0 |
| 58.75° | 0.0 | 0.5 | 1.1 | 1.6 | 2.2 | 3.1 | 4.0 | 4.9 | 5.8 | 6.5 | 7.2 |
| 57.5° | 0.0 | 0.6 | 1.1 | 1.7 | 2.4 | 3.3 | 4.2 | 5.2 | 6.0 | 6.7 | 7.5 |
| 56.25° | 0.0 | 0.6 | 1.2 | 1.7 | 2.5 | 3.5 | 4.4 | 5.4 | 6.2 | 7.0 | 7.7 |
| 55° | 0.0 | 0.6 | 1.2 | 1.8 | 2.6 | 3.6 | 4.6 | 5.6 | 6.4 | 7.2 | 8.0 |
| 53.75° | 0.0 | 0.6 | 1.2 | 1.9 | 2.7 | 3.8 | 4.8 | 5.8 | 6.6 | 7.4 | 8.2 |
| 52.5° | 0.0 | 0.6 | 1.3 | 1.9 | 2.9 | 3.9 | 5.0 | 6.0 | 6.8 | 7.6 | 8.5 |
| 51.25° | 0.0 | 0.7 | 1.3 | 2.0 | 3.0 | 4.1 | 5.2 | 6.1 | 7.0 | 7.9 | 8.7 |
| 50° | 0.0 | 0.7 | 1.3 | 2.0 | 3.1 | 4.2 | 5.3 | 6.3 | 7.2 | 8.1 | 9.0 |
| 48.75° | 0.0 | 0.7 | 1.4 | 2.1 | 3.2 | 4.4 | 5.5 | 6.4 | 7.4 | 8.3 | 9.2 |
| 47.5° | 0.0 | 0.7 | 1.4 | 2.1 | 3.3 | 4.5 | 5.7 | 6.6 | 7.5 | 8.5 | 9.4 |
| 46.25° | 0.0 | 0.7 | 1.5 | 2.2 | 3.4 | 4.6 | 5.8 | 6.8 | 7.7 | 8.7 | 9.6 |
| 45° | 0.0 | 0.7 | 1.5 | 2.3 | 3.5 | 4.8 | 5.9 | 6.9 | 7.9 | 8.9 | 9.9 |
| 43.75° | 0.0 | 0.8 | 1.5 | 2.4 | 3.7 | 4.9 | 6.1 | 7.1 | 8.1 | 9.1 | 10.1 |
| 42.5° | 0.0 | 0.8 | 1.5 | 2.5 | 3.8 | 5.0 | 6.2 | 7.2 | 8.2 | 9.3 | 10.3 |
| 41.25° | 0.0 | 0.8 | 1.6 | 2.5 | 3.9 | 5.2 | 6.3 | 7.4 | 8.4 | 9.4 | 10.5 |
| 40° | 0.0 | 0.8 | 1.6 | 2.6 | 4.0 | 5.3 | 6.4 | 7.5 | 8.6 | 9.6 | 10.7 |
| 38.75° | 0.0 | 0.8 | 1.6 | 2.7 | 4.1 | 5.4 | 6.5 | 7.6 | 8.7 | 9.8 | 10.9 |
| 37.5° | 0.0 | 0.8 | 1.7 | 2.8 | 4.2 | 5.5 | 6.7 | 7.8 | 8.9 | 10.0 | 11.1 |
| 36.25° | 0.0 | 0.8 | 1.7 | 2.8 | 4.2 | 5.6 | 6.8 | 7.9 | 9.0 | 10.1 | 11.2 |
| 35° | 0.0 | 0.9 | 1.7 | 2.9 | 4.3 | 5.7 | 6.9 | 8.0 | 9.2 | 10.3 | 11.4 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75° | 0.0 | 0.9 | 1.7 | 3.0 | 4.4 | 5.8 | 7.0 | 8.1 | 9.3 | 10.5 | 11.5 |
| 32.5° | 0.0 | 0.9 | 1.8 | 3.0 | 4.5 | 5.9 | 7.1 | 8.3 | 9.4 | 10.6 | 11.6 |
| 31.25° | 0.0 | 0.9 | 1.8 | 3.1 | 4.6 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 11.8 |
| 30° | 0.0 | 0.9 | 1.8 | 3.1 | 4.7 | 6.1 | 7.3 | 8.5 | 9.7 | 10.9 | 11.9 |
| 28.75° | 0.0 | 0.9 | 1.8 | 3.2 | 4.7 | 6.1 | 7.4 | 8.6 | 9.8 | 11.0 | 12.0 |
| 27.5° | 0.0 | 0.9 | 1.9 | 3.3 | 4.8 | 6.2 | 7.4 | 8.7 | 9.9 | 11.2 | 12.1 |
| 26.25° | 0.0 | 0.9 | 1.9 | 3.3 | 4.9 | 6.3 | 7.5 | 8.8 | 10.0 | 11.3 | 12.2 |
| 25° | 0.0 | 1.0 | 1.9 | 3.4 | 4.9 | 6.3 | 7.6 | 8.9 | 10.1 | 11.4 | 12.3 |
| 23.75° | 0.0 | 1.0 | 1.9 | 3.4 | 5.0 | 6.4 | 7.7 | 9.0 | 10.2 | 11.4 | 12.4 |
| 22.5° | 0.0 | 1.0 | 1.9 | 3.4 | 5.1 | 6.5 | 7.8 | 9.0 | 10.3 | 11.5 | 12.5 |
| 21.25° | 0.0 | 1.0 | 2.0 | 3.5 | 5.1 | 6.5 | 7.8 | 9.1 | 10.4 | 11.6 | 12.6 |
| 20° | 0.0 | 1.0 | 2.0 | 3.5 | 5.2 | 6.6 | 7.9 | 9.2 | 10.5 | 11.7 | 12.7 |
| 18.75° | 0.0 | 1.0 | 2.0 | 3.6 | 5.2 | 6.6 | 8.0 | 9.3 | 10.6 | 11.7 | 12.7 |
| 17.5° | 0.0 | 1.0 | 2.0 | 3.6 | 5.3 | 6.7 | 8.0 | 9.3 | 10.7 | 11.8 | 12.8 |
| 16.25° | 0.0 | 1.0 | 2.0 | 3.6 | 5.3 | 6.7 | 8.1 | 9.4 | 10.7 | 11.9 | 12.9 |
| 15° | 0.0 | 1.0 | 2.0 | 3.7 | 5.4 | 6.8 | 8.1 | 9.5 | 10.8 | 11.9 | 12.9 |
| 13.75° | 0.0 | 1.0 | 2.0 | 3.7 | 5.4 | 6.8 | 8.2 | 9.5 | 10.9 | 12.0 | 13.0 |
| 12.5° | 0.0 | 1.0 | 2.1 | 3.7 | 5.4 | 6.8 | 8.2 | 9.6 | 10.9 | 12.0 | 13.0 |
| 11.25° | 0.0 | 1.0 | 2.1 | 3.7 | 5.5 | 6.9 | 8.2 | 9.6 | 11.0 | 12.1 | 13.1 |
| 10° | 0.0 | 1.0 | 2.1 | 3.8 | 5.5 | 6.9 | 8.3 | 9.6 | 11.0 | 12.1 | 13.1 |
| 8.75° | 0.0 | 1.0 | 2.1 | 3.8 | 5.5 | 6.9 | 8.3 | 9.7 | 11.1 | 12.1 | 13.2 |
| 7.5° | 0.0 | 1.0 | 2.1 | 3.8 | 5.5 | 6.9 | 8.3 | 9.7 | 11.1 | 12.2 | 13.2 |
| 6.25° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.3 | 9.7 | 11.1 | 12.2 | 13.2 |
| 5° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.4 | 9.8 | 11.2 | 12.2 | 13.3 |
| 3.75° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.4 | 9.8 | 11.2 | 12.2 | 13.3 |
| 2.5° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.4 | 9.8 | 11.2 | 12.2 | 13.3 |
| 1.25° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.4 | 9.8 | 11.2 | 12.2 | 13.3 |
| 0° | 0.0 | 1.0 | 2.1 | 3.9 | 5.6 | 7.0 | 8.4 | 9.8 | 11.2 | 12.2 | 13.3 |
| -1.25° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.4 | 9.8 | 11.2 | 12.2 | 13.3 |
| -2.5° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.4 | 9.8 | 11.2 | 12.2 | 13.3 |
| -3.75° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.4 | 9.8 | 11.2 | 12.2 | 13.3 |
| -5° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.4 | 9.8 | 11.2 | 12.2 | 13.3 |
| -6.25° | 0.0 | 1.0 | 2.1 | 3.8 | 5.6 | 7.0 | 8.3 | 9.7 | 11.1 | 12.2 | 13.2 |
| -7.5° | 0.0 | 1.0 | 2.1 | 3.8 | 5.5 | 6.9 | 8.3 | 9.7 | 11.1 | 12.2 | 13.2 |
| -8.75° | 0.0 | 1.0 | 2.1 | 3.8 | 5.5 | 6.9 | 8.3 | 9.7 | 11.1 | 12.1 | 13.2 |
| -10° | 0.0 | 1.0 | 2.1 | 3.8 | 5.5 | 6.9 | 8.3 | 9.6 | 11.0 | 12.1 | 13.1 |
| -11.25° | 0.0 | 1.0 | 2.1 | 3.7 | 5.5 | 6.9 | 8.2 | 9.6 | 11.0 | 12.1 | 13.1 |
| -12.5° | 0.0 | 1.0 | 2.1 | 3.7 | 5.4 | 6.8 | 8.2 | 9.6 | 10.9 | 12.0 | 13.0 |
| -13.75° | 0.0 | 1.0 | 2.0 | 3.7 | 5.4 | 6.8 | 8.2 | 9.5 | 10.9 | 12.0 | 13.0 |
| -15° | 0.0 | 1.0 | 2.0 | 3.7 | 5.4 | 6.8 | 8.1 | 9.5 | 10.8 | 11.9 | 12.9 |
| -16.25° | 0.0 | 1.0 | 2.0 | 3.6 | 5.3 | 6.7 | 8.1 | 9.4 | 10.7 | 11.9 | 12.9 |
| -17.5° | 0.0 | 1.0 | 2.0 | 3.6 | 5.3 | 6.7 | 8.0 | 9.3 | 10.7 | 11.8 | 12.8 |
| -18.75° | 0.0 | 1.0 | 2.0 | 3.6 | 5.2 | 6.6 | 8.0 | 9.3 | 10.6 | 11.7 | 12.7 |
| -20° | 0.0 | 1.0 | 2.0 | 3.5 | 5.2 | 6.6 | 7.9 | 9.2 | 10.5 | 11.7 | 12.7 |
| -21.25° | 0.0 | 1.0 | 2.0 | 3.5 | 5.1 | 6.5 | 7.8 | 9.1 | 10.4 | 11.6 | 12.6 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -22.5° | 0.0 | 1.0 | 1.9 | 3.4 | 5.1 | 6.5 | 7.8 | 9.0 | 10.3 | 11.5 | 12.5 |
| -23.75° | 0.0 | 1.0 | 1.9 | 3.4 | 5.0 | 6.4 | 7.7 | 9.0 | 10.2 | 11.4 | 12.4 |
| -25° | 0.0 | 1.0 | 1.9 | 3.4 | 4.9 | 6.3 | 7.6 | 8.9 | 10.1 | 11.4 | 12.3 |
| -26.25° | 0.0 | 0.9 | 1.9 | 3.3 | 4.9 | 6.3 | 7.5 | 8.8 | 10.0 | 11.3 | 12.2 |
| -27.5° | 0.0 | 0.9 | 1.9 | 3.3 | 4.8 | 6.2 | 7.4 | 8.7 | 9.9 | 11.2 | 12.1 |
| -28.75° | 0.0 | 0.9 | 1.8 | 3.2 | 4.7 | 6.1 | 7.4 | 8.6 | 9.8 | 11.0 | 12.0 |
| -30° | 0.0 | 0.9 | 1.8 | 3.1 | 4.7 | 6.1 | 7.3 | 8.5 | 9.7 | 10.9 | 11.9 |
| -31.25° | 0.0 | 0.9 | 1.8 | 3.1 | 4.6 | 6.0 | 7.2 | 8.4 | 9.6 | 10.8 | 11.8 |
| -32.5° | 0.0 | 0.9 | 1.8 | 3.0 | 4.5 | 5.9 | 7.1 | 8.3 | 9.4 | 10.6 | 11.6 |
| -33.75° | 0.0 | 0.9 | 1.7 | 3.0 | 4.4 | 5.8 | 7.0 | 8.1 | 9.3 | 10.5 | 11.5 |
| -35° | 0.0 | 0.9 | 1.7 | 2.9 | 4.3 | 5.7 | 6.9 | 8.0 | 9.2 | 10.3 | 11.4 |
| -36.25° | 0.0 | 0.8 | 1.7 | 2.8 | 4.2 | 5.6 | 6.8 | 7.9 | 9.0 | 10.1 | 11.2 |
| -37.5° | 0.0 | 0.8 | 1.7 | 2.8 | 4.2 | 5.5 | 6.7 | 7.8 | 8.9 | 10.0 | 11.1 |
| -38.75° | 0.0 | 0.8 | 1.6 | 2.7 | 4.1 | 5.4 | 6.5 | 7.6 | 8.7 | 9.8 | 10.9 |
| -40° | 0.0 | 0.8 | 1.6 | 2.6 | 4.0 | 5.3 | 6.4 | 7.5 | 8.6 | 9.6 | 10.7 |
| -41.25° | 0.0 | 0.8 | 1.6 | 2.5 | 3.9 | 5.2 | 6.3 | 7.4 | 8.4 | 9.4 | 10.5 |
| -42.5° | 0.0 | 0.8 | 1.5 | 2.5 | 3.8 | 5.0 | 6.2 | 7.2 | 8.2 | 9.3 | 10.3 |
| -43.75° | 0.0 | 0.8 | 1.5 | 2.4 | 3.7 | 4.9 | 6.1 | 7.1 | 8.1 | 9.1 | 10.1 |
| -45° | 0.0 | 0.7 | 1.5 | 2.3 | 3.5 | 4.8 | 5.9 | 6.9 | 7.9 | 8.9 | 9.9 |
| -46.25° | 0.0 | 0.7 | 1.5 | 2.2 | 3.4 | 4.6 | 5.8 | 6.8 | 7.7 | 8.7 | 9.6 |
| -47.5° | 0.0 | 0.7 | 1.4 | 2.1 | 3.3 | 4.5 | 5.7 | 6.6 | 7.5 | 8.5 | 9.4 |
| -48.75° | 0.0 | 0.7 | 1.4 | 2.1 | 3.2 | 4.4 | 5.5 | 6.4 | 7.4 | 8.3 | 9.2 |
| -50° | 0.0 | 0.7 | 1.3 | 2.0 | 3.1 | 4.2 | 5.3 | 6.3 | 7.2 | 8.1 | 9.0 |
| -51.25° | 0.0 | 0.7 | 1.3 | 2.0 | 3.0 | 4.1 | 5.2 | 6.1 | 7.0 | 7.9 | 8.7 |
| -52.5° | 0.0 | 0.6 | 1.3 | 1.9 | 2.9 | 3.9 | 5.0 | 6.0 | 6.8 | 7.6 | 8.5 |
| -53.75° | 0.0 | 0.6 | 1.2 | 1.9 | 2.7 | 3.8 | 4.8 | 5.8 | 6.6 | 7.4 | 8.2 |
| -55° | 0.0 | 0.6 | 1.2 | 1.8 | 2.6 | 3.6 | 4.6 | 5.6 | 6.4 | 7.2 | 8.0 |
| -56.25° | 0.0 | 0.6 | 1.2 | 1.7 | 2.5 | 3.5 | 4.4 | 5.4 | 6.2 | 7.0 | 7.7 |
| -57.5° | 0.0 | 0.6 | 1.1 | 1.7 | 2.4 | 3.3 | 4.2 | 5.2 | 6.0 | 6.7 | 7.5 |
| -58.75° | 0.0 | 0.5 | 1.1 | 1.6 | 2.2 | 3.1 | 4.0 | 4.9 | 5.8 | 6.5 | 7.2 |
| -60° | 0.0 | 0.5 | 1.0 | 1.6 | 2.1 | 3.0 | 3.8 | 4.7 | 5.6 | 6.3 | 7.0 |
| -61.25° | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.8 | 3.6 | 4.5 | 5.3 | 6.0 | 6.7 |
| -62.5° | 0.0 | 0.5 | 1.0 | 1.5 | 1.9 | 2.6 | 3.4 | 4.2 | 5.0 | 5.8 | 6.4 |
| -63.75° | 0.0 | 0.5 | 0.9 | 1.4 | 1.9 | 2.5 | 3.2 | 4.0 | 4.8 | 5.5 | 6.2 |
| -65° | 0.0 | 0.4 | 0.9 | 1.3 | 1.8 | 2.3 | 3.0 | 3.8 | 4.5 | 5.2 | 5.9 |
| -66.25° | 0.0 | 0.4 | 0.8 | 1.3 | 1.7 | 2.1 | 2.8 | 3.5 | 4.2 | 4.9 | 5.6 |
| -67.5° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.6 | 3.3 | 3.9 | 4.6 | 5.3 |
| -68.75° | 0.0 | 0.4 | 0.8 | 1.1 | 1.5 | 1.9 | 2.4 | 3.0 | 3.7 | 4.3 | 4.9 |
| -70° | 0.0 | 0.4 | 0.7 | 1.1 | 1.4 | 1.8 | 2.2 | 2.8 | 3.4 | 4.0 | 4.5 |
| -71.25° | 0.0 | 0.3 | 0.7 | 1.0 | 1.3 | 1.7 | 2.0 | 2.5 | 3.1 | 3.6 | 4.2 |
| -72.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.3 | 1.6 | 1.9 | 2.3 | 2.8 | 3.3 | 3.8 |
| -73.75° | 0.0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.0 | 2.5 | 3.0 | 3.5 |
| -75° | 0.0 | 0.3 | 0.5 | 0.8 | 1.1 | 1.4 | 1.6 | 1.9 | 2.2 | 2.7 | 3.1 |
| -76.25° | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.5 | 1.7 | 2.0 | 2.3 | 2.7 |
| -77.5° | 0.0 | 0.2 | 0.5 | 0.7 | 0.9 | 1.1 | 1.4 | 1.6 | 1.8 | 2.0 | 2.4 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 |
| -80° | 0.0 | 0.2 | 0.4 | 0.5 | 0.7 | 0.9 | 1.1 | 1.3 | 1.5 | 1.6 | 1.8 |
| -81.25° | 0.0 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 1.0 | 1.1 | 1.3 | 1.4 | 1.6 |
| -82.5° | 0.0 | 0.1 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 1.0 | 1.1 | 1.2 | 1.4 |
| -83.75° | 0.0 | 0.1 | 0.2 | 0.3 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 |
| -85° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| -86.25° | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 |
| -87.5° | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 |
| -88.75° | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 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: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 |
| 87.5° | 0.5 | 0.5 | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 |
| 86.25° | 0.7 | 0.8 | 0.9 | 0.9 | 1.0 | 1.1 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 |
| 85° | 1.0 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 |
| 83.75° | 1.2 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.3 | 2.5 |
| 82.5° | 1.5 | 1.6 | 1.8 | 1.9 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 |
| 81.25° | 1.7 | 1.9 | 2.0 | 2.3 | 2.5 | 2.8 | 3.0 | 3.3 | 3.5 | 3.8 | 4.0 |
| 80° | 2.0 | 2.2 | 2.5 | 2.8 | 3.1 | 3.4 | 3.7 | 3.9 | 4.2 | 4.5 | 4.8 |
| 78.75° | 2.3 | 2.7 | 3.0 | 3.3 | 3.6 | 4.0 | 4.3 | 4.6 | 4.9 | 5.2 | 5.5 |
| 77.5° | 2.7 | 3.1 | 3.5 | 3.8 | 4.2 | 4.5 | 4.9 | 5.3 | 5.6 | 5.9 | 6.2 |
| 76.25° | 3.1 | 3.5 | 3.9 | 4.3 | 4.7 | 5.1 | 5.5 | 5.8 | 6.2 | 6.5 | 6.8 |
| 75° | 3.5 | 4.0 | 4.4 | 4.8 | 5.3 | 5.7 | 6.0 | 6.4 | 6.7 | 7.0 | 7.4 |
| 73.75° | 3.9 | 4.4 | 4.9 | 5.4 | 5.8 | 6.2 | 6.5 | 6.9 | 7.2 | 7.6 | 8.0 |
| 72.5° | 4.3 | 4.8 | 5.4 | 5.8 | 6.2 | 6.6 | 7.0 | 7.4 | 7.8 | 8.2 | 8.6 |
| 71.25° | 4.7 | 5.3 | 5.8 | 6.2 | 6.6 | 7.1 | 7.5 | 7.9 | 8.3 | 8.7 | 9.2 |
| 70° | 5.1 | 5.7 | 6.2 | 6.6 | 7.1 | 7.5 | 8.0 | 8.4 | 8.9 | 9.3 | 9.7 |
| 68.75° | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 8.9 | 9.4 | 9.9 | 10.3 |
| 67.5° | 5.8 | 6.4 | 6.9 | 7.4 | 7.9 | 8.4 | 8.9 | 9.4 | 9.9 | 10.4 | 10.9 |
| 66.25° | 6.2 | 6.7 | 7.2 | 7.8 | 8.3 | 8.9 | 9.4 | 9.9 | 10.5 | 11.0 | 11.4 |
| 65° | 6.5 | 7.0 | 7.6 | 8.2 | 8.7 | 9.3 | 9.9 | 10.4 | 11.0 | 11.4 | 11.8 |
| 63.75° | 6.8 | 7.4 | 8.0 | 8.6 | 9.2 | 9.7 | 10.3 | 10.9 | 11.4 | 11.8 | 12.3 |
| 62.5° | 7.1 | 7.7 | 8.3 | 8.9 | 9.6 | 10.2 | 10.8 | 11.3 | 11.8 | 12.3 | 12.7 |
| 61.25° | 7.4 | 8.0 | 8.7 | 9.3 | 10.0 | 10.6 | 11.2 | 11.7 | 12.2 | 12.7 | 13.1 |
| 60° | 7.6 | 8.3 | 9.0 | 9.7 | 10.4 | 11.0 | 11.6 | 12.1 | 12.6 | 13.0 | 13.5 |
| 58.75° | 7.9 | 8.6 | 9.3 | 10.1 | 10.8 | 11.4 | 11.9 | 12.4 | 12.9 | 13.4 | 13.7 |
| 57.5° | 8.2 | 9.0 | 9.7 | 10.4 | 11.1 | 11.7 | 12.2 | 12.8 | 13.3 | 13.6 | 14.0 |
| 56.25° | 8.5 | 9.3 | 10.0 | 10.8 | 11.4 | 12.0 | 12.6 | 13.1 | 13.5 | 13.9 | 14.3 |
| 55° | 8.8 | 9.6 | 10.3 | 11.1 | 11.7 | 12.3 | 12.9 | 13.4 | 13.8 | 14.2 | 14.5 |
| 53.75° | 9.0 | 9.9 | 10.7 | 11.4 | 12.0 | 12.6 | 13.2 | 13.6 | 14.0 | 14.4 | 14.9 |
| 52.5° | 9.3 | 10.2 | 11.0 | 11.7 | 12.3 | 12.9 | 13.4 | 13.8 | 14.2 | 14.6 | 15.4 |
| 51.25° | 9.6 | 10.4 | 11.3 | 11.9 | 12.5 | 13.2 | 13.6 | 14.1 | 14.5 | 15.1 | 15.9 |
| 50° | 9.8 | 10.7 | 11.5 | 12.2 | 12.8 | 13.4 | 13.8 | 14.3 | 14.7 | 15.6 | 16.4 |
| 48.75° | 10.1 | 11.0 | 11.7 | 12.4 | 13.1 | 13.6 | 14.0 | 14.5 | 15.1 | 16.0 | 16.9 |
| 47.5° | 10.3 | 11.3 | 12.0 | 12.6 | 13.3 | 13.8 | 14.2 | 14.7 | 15.6 | 16.5 | 17.4 |
| 46.25° | 10.6 | 11.5 | 12.2 | 12.9 | 13.5 | 14.0 | 14.4 | 15.1 | 16.0 | 16.9 | 18.0 |
| 45° | 10.8 | 11.7 | 12.4 | 13.1 | 13.7 | 14.1 | 14.6 | 15.5 | 16.4 | 17.4 | 18.7 |
| 43.75° | 11.1 | 11.9 | 12.6 | 13.3 | 13.8 | 14.3 | 14.9 | 15.9 | 16.8 | 18.0 | 19.4 |
| 42.5° | 11.3 | 12.0 | 12.8 | 13.5 | 14.0 | 14.5 | 15.3 | 16.3 | 17.2 | 18.6 | 20.1 |
| 41.25° | 11.4 | 12.2 | 13.0 | 13.6 | 14.1 | 14.6 | 15.6 | 16.6 | 17.7 | 19.2 | 20.7 |
| 40° | 11.6 | 12.4 | 13.2 | 13.8 | 14.3 | 14.9 | 16.0 | 17.0 | 18.3 | 19.8 | 21.4 |
| 38.75° | 11.8 | 12.6 | 13.4 | 13.9 | 14.4 | 15.2 | 16.3 | 17.3 | 18.9 | 20.4 | 22.0 |
| 37.5° | 11.9 | 12.8 | 13.5 | 14.0 | 14.6 | 15.5 | 16.6 | 17.8 | 19.4 | 21.0 | 22.8 |
| 36.25° | 12.1 | 12.9 | 13.6 | 14.2 | 14.7 | 15.8 | 16.9 | 18.3 | 19.9 | 21.6 | 23.5 |
| 35° | 12.2 | 13.1 | 13.7 | 14.3 | 15.0 | 16.1 | 17.2 | 18.8 | 20.5 | 22.2 | 24.1 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 33.75° | 12.4 | 13.2 | 13.8 | 14.4 | 15.3 | 16.4 | 17.6 | 19.3 | 21.0 | 22.8 | 24.8 |
| 32.5° | 12.5 | 13.4 | 13.9 | 14.5 | 15.5 | 16.7 | 18.0 | 19.7 | 21.5 | 23.4 | 25.4 |
| 31.25° | 12.6 | 13.5 | 14.1 | 14.6 | 15.8 | 16.9 | 18.4 | 20.2 | 22.0 | 24.0 | 26.0 |
| 30° | 12.8 | 13.6 | 14.2 | 14.8 | 16.0 | 17.2 | 18.8 | 20.6 | 22.5 | 24.6 | 26.6 |
| 28.75° | 12.9 | 13.6 | 14.3 | 15.0 | 16.2 | 17.4 | 19.2 | 21.0 | 23.0 | 25.1 | 27.3 |
| 27.5° | 13.0 | 13.7 | 14.3 | 15.2 | 16.5 | 17.8 | 19.6 | 21.4 | 23.5 | 25.7 | 27.9 |
| 26.25° | 13.1 | 13.8 | 14.4 | 15.4 | 16.7 | 18.1 | 20.0 | 21.8 | 24.0 | 26.2 | 28.6 |
| 25° | 13.2 | 13.9 | 14.5 | 15.6 | 16.9 | 18.4 | 20.3 | 22.3 | 24.5 | 26.6 | 29.1 |
| 23.75° | 13.3 | 14.0 | 14.6 | 15.8 | 17.1 | 18.7 | 20.6 | 22.7 | 24.9 | 27.2 | 29.7 |
| 22.5° | 13.4 | 14.0 | 14.7 | 16.0 | 17.2 | 19.0 | 21.0 | 23.1 | 25.3 | 27.7 | 30.2 |
| 21.25° | 13.5 | 14.1 | 14.8 | 16.1 | 17.4 | 19.3 | 21.3 | 23.5 | 25.7 | 28.2 | 30.7 |
| 20° | 13.5 | 14.2 | 15.0 | 16.3 | 17.6 | 19.6 | 21.6 | 23.8 | 26.1 | 28.6 | 31.2 |
| 18.75° | 13.6 | 14.2 | 15.1 | 16.4 | 17.9 | 19.8 | 21.8 | 24.1 | 26.4 | 29.0 | 31.7 |
| 17.5° | 13.6 | 14.3 | 15.2 | 16.6 | 18.1 | 20.1 | 22.1 | 24.5 | 26.8 | 29.4 | 32.1 |
| 16.25° | 13.7 | 14.4 | 15.4 | 16.7 | 18.3 | 20.3 | 22.4 | 24.7 | 27.2 | 29.8 | 32.5 |
| 15° | 13.7 | 14.4 | 15.5 | 16.8 | 18.5 | 20.5 | 22.7 | 25.0 | 27.5 | 30.2 | 32.9 |
| 13.75° | 13.8 | 14.5 | 15.6 | 16.9 | 18.7 | 20.7 | 22.9 | 25.3 | 27.8 | 30.5 | 33.2 |
| 12.5° | 13.8 | 14.5 | 15.7 | 17.0 | 18.8 | 20.9 | 23.1 | 25.5 | 28.1 | 30.8 | 33.5 |
| 11.25° | 13.8 | 14.5 | 15.7 | 17.1 | 19.0 | 21.0 | 23.3 | 25.7 | 28.3 | 31.1 | 33.8 |
| 10° | 13.9 | 14.6 | 15.8 | 17.2 | 19.1 | 21.2 | 23.5 | 25.9 | 28.5 | 31.3 | 34.0 |
| 8.75° | 13.9 | 14.6 | 15.9 | 17.3 | 19.2 | 21.3 | 23.6 | 26.1 | 28.7 | 31.5 | 34.3 |
| 7.5° | 13.9 | 14.6 | 15.9 | 17.3 | 19.3 | 21.4 | 23.8 | 26.2 | 28.9 | 31.7 | 34.5 |
| 6.25° | 14.0 | 14.6 | 16.0 | 17.4 | 19.4 | 21.5 | 23.9 | 26.3 | 29.1 | 31.8 | 34.6 |
| 5° | 14.0 | 14.7 | 16.0 | 17.4 | 19.5 | 21.6 | 24.0 | 26.4 | 29.2 | 32.0 | 34.8 |
| 3.75° | 14.0 | 14.7 | 16.1 | 17.5 | 19.5 | 21.6 | 24.1 | 26.5 | 29.3 | 32.1 | 34.9 |
| 2.5° | 14.0 | 14.7 | 16.1 | 17.5 | 19.6 | 21.7 | 24.1 | 26.6 | 29.3 | 32.1 | 34.9 |
| 1.25° | 14.0 | 14.7 | 16.1 | 17.5 | 19.6 | 21.7 | 24.1 | 26.6 | 29.4 | 32.2 | 35.0 |
| 0° | 14.0 | 14.7 | 16.1 | 17.5 | 19.6 | 21.7 | 24.2 | 26.6 | 29.4 | 32.2 | 35.0 |
| -1.25° | 14.0 | 14.7 | 16.1 | 17.5 | 19.6 | 21.7 | 24.1 | 26.6 | 29.4 | 32.2 | 35.0 |
| -2.5° | 14.0 | 14.7 | 16.1 | 17.5 | 19.6 | 21.7 | 24.1 | 26.6 | 29.3 | 32.1 | 34.9 |
| -3.75° | 14.0 | 14.7 | 16.1 | 17.5 | 19.5 | 21.6 | 24.1 | 26.5 | 29.3 | 32.1 | 34.9 |
| -5° | 14.0 | 14.7 | 16.0 | 17.4 | 19.5 | 21.6 | 24.0 | 26.4 | 29.2 | 32.0 | 34.8 |
| -6.25° | 14.0 | 14.6 | 16.0 | 17.4 | 19.4 | 21.5 | 23.9 | 26.3 | 29.1 | 31.8 | 34.6 |
| -7.5° | 13.9 | 14.6 | 15.9 | 17.3 | 19.3 | 21.4 | 23.8 | 26.2 | 28.9 | 31.7 | 34.5 |
| -8.75° | 13.9 | 14.6 | 15.9 | 17.3 | 19.2 | 21.3 | 23.6 | 26.1 | 28.7 | 31.5 | 34.3 |
| -10° | 13.9 | 14.6 | 15.8 | 17.2 | 19.1 | 21.2 | 23.5 | 25.9 | 28.5 | 31.3 | 34.0 |
| -11.25° | 13.8 | 14.5 | 15.7 | 17.1 | 19.0 | 21.0 | 23.3 | 25.7 | 28.3 | 31.1 | 33.8 |
| -12.5° | 13.8 | 14.5 | 15.7 | 17.0 | 18.8 | 20.9 | 23.1 | 25.5 | 28.1 | 30.8 | 33.5 |
| -13.75° | 13.8 | 14.5 | 15.6 | 16.9 | 18.7 | 20.7 | 22.9 | 25.3 | 27.8 | 30.5 | 33.2 |
| -15° | 13.7 | 14.4 | 15.5 | 16.8 | 18.5 | 20.5 | 22.7 | 25.0 | 27.5 | 30.2 | 32.9 |
| -16.25° | 13.7 | 14.4 | 15.4 | 16.7 | 18.3 | 20.3 | 22.4 | 24.7 | 27.2 | 29.8 | 32.5 |
| -17.5° | 13.6 | 14.3 | 15.2 | 16.6 | 18.1 | 20.1 | 22.1 | 24.5 | 26.8 | 29.4 | 32.1 |
| -18.75° | 13.6 | 14.2 | 15.1 | 16.4 | 17.9 | 19.8 | 21.8 | 24.1 | 26.4 | 29.0 | 31.7 |
| -20° | 13.5 | 14.2 | 15.0 | 16.3 | 17.6 | 19.6 | 21.6 | 23.8 | 26.1 | 28.6 | 31.2 |
| -21.25° | 13.5 | 14.1 | 14.8 | 16.1 | 17.4 | 19.3 | 21.3 | 23.5 | 25.7 | 28.2 | 30.7 |



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CANDELA DISTRIBUTION (continued):

| | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -22.5° | 13.4 | 14.0 | 14.7 | 16.0 | 17.2 | 19.0 | 21.0 | 23.1 | 25.3 | 27.7 | 30.2 |
| -23.75° | 13.3 | 14.0 | 14.6 | 15.8 | 17.1 | 18.7 | 20.6 | 22.7 | 24.9 | 27.2 | 29.7 |
| -25° | 13.2 | 13.9 | 14.5 | 15.6 | 16.9 | 18.4 | 20.3 | 22.3 | 24.5 | 26.6 | 29.1 |
| -26.25° | 13.1 | 13.8 | 14.4 | 15.4 | 16.7 | 18.1 | 20.0 | 21.8 | 24.0 | 26.2 | 28.6 |
| -27.5° | 13.0 | 13.7 | 14.3 | 15.2 | 16.5 | 17.8 | 19.6 | 21.4 | 23.5 | 25.7 | 27.9 |
| -28.75° | 12.9 | 13.6 | 14.3 | 15.0 | 16.2 | 17.4 | 19.2 | 21.0 | 23.0 | 25.1 | 27.3 |
| -30° | 12.8 | 13.6 | 14.2 | 14.8 | 16.0 | 17.2 | 18.8 | 20.6 | 22.5 | 24.6 | 26.6 |
| -31.25° | 12.6 | 13.5 | 14.1 | 14.6 | 15.8 | 16.9 | 18.4 | 20.2 | 22.0 | 24.0 | 26.0 |
| -32.5° | 12.5 | 13.4 | 13.9 | 14.5 | 15.5 | 16.7 | 18.0 | 19.7 | 21.5 | 23.4 | 25.4 |
| -33.75° | 12.4 | 13.2 | 13.8 | 14.4 | 15.3 | 16.4 | 17.6 | 19.3 | 21.0 | 22.8 | 24.8 |
| -35° | 12.2 | 13.1 | 13.7 | 14.3 | 15.0 | 16.1 | 17.2 | 18.8 | 20.5 | 22.2 | 24.1 |
| -36.25° | 12.1 | 12.9 | 13.6 | 14.2 | 14.7 | 15.8 | 16.9 | 18.3 | 19.9 | 21.6 | 23.5 |
| -37.5° | 11.9 | 12.8 | 13.5 | 14.0 | 14.6 | 15.5 | 16.6 | 17.8 | 19.4 | 21.0 | 22.8 |
| -38.75° | 11.8 | 12.6 | 13.4 | 13.9 | 14.4 | 15.2 | 16.3 | 17.3 | 18.9 | 20.4 | 22.0 |
| -40° | 11.6 | 12.4 | 13.2 | 13.8 | 14.3 | 14.9 | 16.0 | 17.0 | 18.3 | 19.8 | 21.4 |
| -41.25° | 11.4 | 12.2 | 13.0 | 13.6 | 14.1 | 14.6 | 15.6 | 16.6 | 17.7 | 19.2 | 20.7 |
| -42.5° | 11.3 | 12.0 | 12.8 | 13.5 | 14.0 | 14.5 | 15.3 | 16.3 | 17.2 | 18.6 | 20.1 |
| -43.75° | 11.1 | 11.9 | 12.6 | 13.3 | 13.8 | 14.3 | 14.9 | 15.9 | 16.8 | 18.0 | 19.4 |
| -45° | 10.8 | 11.7 | 12.4 | 13.1 | 13.7 | 14.1 | 14.6 | 15.5 | 16.4 | 17.4 | 18.7 |
| -46.25° | 10.6 | 11.5 | 12.2 | 12.9 | 13.5 | 14.0 | 14.4 | 15.1 | 16.0 | 16.9 | 18.0 |
| -47.5° | 10.3 | 11.3 | 12.0 | 12.6 | 13.3 | 13.8 | 14.2 | 14.7 | 15.6 | 16.5 | 17.4 |
| -48.75° | 10.1 | 11.0 | 11.7 | 12.4 | 13.1 | 13.6 | 14.0 | 14.5 | 15.1 | 16.0 | 16.9 |
| -50° | 9.8 | 10.7 | 11.5 | 12.2 | 12.8 | 13.4 | 13.8 | 14.3 | 14.7 | 15.6 | 16.4 |
| -51.25° | 9.6 | 10.4 | 11.3 | 11.9 | 12.5 | 13.2 | 13.6 | 14.1 | 14.5 | 15.1 | 15.9 |
| -52.5° | 9.3 | 10.2 | 11.0 | 11.7 | 12.3 | 12.9 | 13.4 | 13.8 | 14.2 | 14.6 | 15.4 |
| -53.75° | 9.0 | 9.9 | 10.7 | 11.4 | 12.0 | 12.6 | 13.2 | 13.6 | 14.0 | 14.4 | 14.9 |
| -55° | 8.8 | 9.6 | 10.3 | 11.1 | 11.7 | 12.3 | 12.9 | 13.4 | 13.8 | 14.2 | 14.5 |
| -56.25° | 8.5 | 9.3 | 10.0 | 10.8 | 11.4 | 12.0 | 12.6 | 13.1 | 13.5 | 13.9 | 14.3 |
| -57.5° | 8.2 | 9.0 | 9.7 | 10.4 | 11.1 | 11.7 | 12.2 | 12.8 | 13.3 | 13.6 | 14.0 |
| -58.75° | 7.9 | 8.6 | 9.3 | 10.1 | 10.8 | 11.4 | 11.9 | 12.4 | 12.9 | 13.4 | 13.7 |
| -60° | 7.6 | 8.3 | 9.0 | 9.7 | 10.4 | 11.0 | 11.6 | 12.1 | 12.6 | 13.0 | 13.5 |
| -61.25° | 7.4 | 8.0 | 8.7 | 9.3 | 10.0 | 10.6 | 11.2 | 11.7 | 12.2 | 12.7 | 13.1 |
| -62.5° | 7.1 | 7.7 | 8.3 | 8.9 | 9.6 | 10.2 | 10.8 | 11.3 | 11.8 | 12.3 | 12.7 |
| -63.75° | 6.8 | 7.4 | 8.0 | 8.6 | 9.2 | 9.7 | 10.3 | 10.9 | 11.4 | 11.8 | 12.3 |
| -65° | 6.5 | 7.0 | 7.6 | 8.2 | 8.7 | 9.3 | 9.9 | 10.4 | 11.0 | 11.4 | 11.8 |
| -66.25° | 6.2 | 6.7 | 7.2 | 7.8 | 8.3 | 8.9 | 9.4 | 9.9 | 10.5 | 11.0 | 11.4 |
| -67.5° | 5.8 | 6.4 | 6.9 | 7.4 | 7.9 | 8.4 | 8.9 | 9.4 | 9.9 | 10.4 | 10.9 |
| -68.75° | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 8.9 | 9.4 | 9.9 | 10.3 |
| -70° | 5.1 | 5.7 | 6.2 | 6.6 | 7.1 | 7.5 | 8.0 | 8.4 | 8.9 | 9.3 | 9.7 |
| -71.25° | 4.7 | 5.3 | 5.8 | 6.2 | 6.6 | 7.1 | 7.5 | 7.9 | 8.3 | 8.7 | 9.2 |
| -72.5° | 4.3 | 4.8 | 5.4 | 5.8 | 6.2 | 6.6 | 7.0 | 7.4 | 7.8 | 8.2 | 8.6 |
| -73.75° | 3.9 | 4.4 | 4.9 | 5.4 | 5.8 | 6.2 | 6.5 | 6.9 | 7.2 | 7.6 | 8.0 |
| -75° | 3.5 | 4.0 | 4.4 | 4.8 | 5.3 | 5.7 | 6.0 | 6.4 | 6.7 | 7.0 | 7.4 |
| -76.25° | 3.1 | 3.5 | 3.9 | 4.3 | 4.7 | 5.1 | 5.5 | 5.8 | 6.2 | 6.5 | 6.8 |
| -77.5° | 2.7 | 3.1 | 3.5 | 3.8 | 4.2 | 4.5 | 4.9 | 5.3 | 5.6 | 5.9 | 6.2 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -78.75° | 2.3 | 2.7 | 3.0 | 3.3 | 3.6 | 4.0 | 4.3 | 4.6 | 4.9 | 5.2 | 5.5 |
| -80° | 2.0 | 2.2 | 2.5 | 2.8 | 3.1 | 3.4 | 3.7 | 3.9 | 4.2 | 4.5 | 4.8 |
| -81.25° | 1.7 | 1.9 | 2.0 | 2.3 | 2.5 | 2.8 | 3.0 | 3.3 | 3.5 | 3.8 | 4.0 |
| -82.5° | 1.5 | 1.6 | 1.8 | 1.9 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 |
| -83.75° | 1.2 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.3 | 2.5 |
| -85° | 1.0 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 |
| -86.25° | 0.7 | 0.8 | 0.9 | 0.9 | 1.0 | 1.1 | 1.1 | 1.2 | 1.3 | 1.3 | 1.4 |
| -87.5° | 0.5 | 0.5 | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 |
| -88.75° | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 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: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|--------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 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 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 |
| 87.5° | 1.0 | 1.0 | 1.0 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 |
| 86.25° | 1.5 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 | 1.8 | 1.9 | 1.9 | 2.0 | 2.0 |
| 85° | 1.9 | 2.0 | 2.1 | 2.2 | 2.4 | 2.5 | 2.6 | 2.7 | 2.9 | 3.0 | 3.1 |
| 83.75° | 2.6 | 2.8 | 3.0 | 3.1 | 3.3 | 3.5 | 3.6 | 3.8 | 3.9 | 4.1 | 4.2 |
| 82.5° | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.3 |
| 81.25° | 4.2 | 4.5 | 4.7 | 4.9 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.1 | 6.3 |
| 80° | 5.0 | 5.3 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 |
| 78.75° | 5.8 | 6.0 | 6.3 | 6.5 | 6.7 | 7.0 | 7.2 | 7.4 | 7.6 | 7.9 | 8.1 |
| 77.5° | 6.4 | 6.7 | 7.0 | 7.2 | 7.5 | 7.7 | 8.0 | 8.2 | 8.5 | 8.7 | 9.0 |
| 76.25° | 7.1 | 7.4 | 7.6 | 7.9 | 8.2 | 8.5 | 8.8 | 9.0 | 9.3 | 9.6 | 9.8 |
| 75° | 7.7 | 8.0 | 8.3 | 8.6 | 9.0 | 9.3 | 9.6 | 9.9 | 10.2 | 10.4 | 10.7 |
| 73.75° | 8.3 | 8.7 | 9.0 | 9.3 | 9.7 | 10.0 | 10.3 | 10.7 | 11.0 | 11.3 | 11.5 |
| 72.5° | 8.9 | 9.3 | 9.7 | 10.1 | 10.4 | 10.8 | 11.1 | 11.4 | 11.7 | 11.9 | 12.2 |
| 71.25° | 9.6 | 10.0 | 10.4 | 10.8 | 11.1 | 11.4 | 11.7 | 12.0 | 12.3 | 12.5 | 12.8 |
| 70° | 10.2 | 10.6 | 11.0 | 11.4 | 11.7 | 12.0 | 12.3 | 12.6 | 12.9 | 13.2 | 13.4 |
| 68.75° | 10.8 | 11.2 | 11.6 | 11.9 | 12.2 | 12.6 | 12.9 | 13.2 | 13.4 | 13.6 | 13.8 |
| 67.5° | 11.3 | 11.7 | 12.1 | 12.4 | 12.8 | 13.1 | 13.4 | 13.6 | 13.8 | 14.1 | 14.3 |
| 66.25° | 11.8 | 12.2 | 12.6 | 12.9 | 13.3 | 13.5 | 13.8 | 14.0 | 14.2 | 14.5 | 14.7 |
| 65° | 12.3 | 12.7 | 13.0 | 13.4 | 13.6 | 13.9 | 14.2 | 14.4 | 14.6 | 15.1 | 15.6 |
| 63.75° | 12.7 | 13.1 | 13.5 | 13.7 | 14.0 | 14.3 | 14.5 | 14.9 | 15.4 | 15.9 | 16.4 |
| 62.5° | 13.1 | 13.5 | 13.8 | 14.1 | 14.3 | 14.6 | 15.1 | 15.6 | 16.2 | 16.7 | 17.2 |
| 61.25° | 13.5 | 13.8 | 14.1 | 14.4 | 14.7 | 15.3 | 15.8 | 16.4 | 17.0 | 17.5 | 18.4 |
| 60° | 13.8 | 14.1 | 14.4 | 14.7 | 15.4 | 16.0 | 16.6 | 17.2 | 17.9 | 18.7 | 19.6 |
| 58.75° | 14.1 | 14.4 | 14.7 | 15.4 | 16.0 | 16.7 | 17.3 | 18.1 | 19.0 | 19.9 | 20.8 |
| 57.5° | 14.3 | 14.7 | 15.4 | 16.0 | 16.7 | 17.4 | 18.3 | 19.2 | 20.2 | 21.1 | 22.1 |
| 56.25° | 14.6 | 15.3 | 16.0 | 16.7 | 17.4 | 18.3 | 19.3 | 20.3 | 21.3 | 22.4 | 23.5 |
| 55° | 15.1 | 15.8 | 16.6 | 17.3 | 18.3 | 19.3 | 20.4 | 21.4 | 22.6 | 23.7 | 24.9 |
| 53.75° | 15.6 | 16.4 | 17.2 | 18.1 | 19.2 | 20.3 | 21.4 | 22.6 | 23.9 | 25.1 | 26.3 |
| 52.5° | 16.2 | 17.0 | 17.9 | 19.0 | 20.2 | 21.3 | 22.6 | 23.9 | 25.1 | 26.4 | 27.8 |
| 51.25° | 16.7 | 17.5 | 18.7 | 19.9 | 21.1 | 22.4 | 23.7 | 25.1 | 26.4 | 27.9 | 29.3 |
| 50° | 17.2 | 18.4 | 19.6 | 20.8 | 22.1 | 23.5 | 24.9 | 26.3 | 27.8 | 29.3 | 30.9 |
| 48.75° | 17.9 | 19.2 | 20.4 | 21.7 | 23.2 | 24.6 | 26.1 | 27.6 | 29.2 | 30.8 | 32.4 |
| 47.5° | 18.6 | 20.0 | 21.3 | 22.7 | 24.2 | 25.7 | 27.3 | 28.9 | 30.6 | 32.2 | 33.9 |
| 46.25° | 19.4 | 20.7 | 22.1 | 23.7 | 25.2 | 26.8 | 28.5 | 30.3 | 32.0 | 33.7 | 35.3 |
| 45° | 20.1 | 21.5 | 23.1 | 24.7 | 26.3 | 28.0 | 29.8 | 31.6 | 33.3 | 35.0 | 36.8 |
| 43.75° | 20.8 | 22.3 | 24.0 | 25.6 | 27.4 | 29.2 | 31.0 | 32.8 | 34.6 | 36.4 | 38.0 |
| 42.5° | 21.5 | 23.2 | 24.9 | 26.6 | 28.5 | 30.4 | 32.2 | 34.1 | 35.9 | 37.8 | 38.9 |
| 41.25° | 22.3 | 24.1 | 25.8 | 27.6 | 29.6 | 31.5 | 33.4 | 35.3 | 37.2 | 38.6 | 39.8 |
| 40° | 23.1 | 24.9 | 26.6 | 28.7 | 30.6 | 32.6 | 34.6 | 36.5 | 38.2 | 39.4 | 40.6 |
| 38.75° | 23.9 | 25.7 | 27.6 | 29.7 | 31.7 | 33.7 | 35.7 | 37.7 | 39.0 | 40.2 | 41.4 |
| 37.5° | 24.6 | 26.5 | 28.6 | 30.6 | 32.7 | 34.8 | 36.8 | 38.5 | 39.7 | 41.0 | 42.4 |
| 36.25° | 25.3 | 27.3 | 29.5 | 31.6 | 33.7 | 35.8 | 37.9 | 39.2 | 40.5 | 41.8 | 43.4 |
| 35° | 26.1 | 28.2 | 30.4 | 32.5 | 34.7 | 36.8 | 38.5 | 39.9 | 41.2 | 42.7 | 44.3 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 33.75° | 26.8 | 29.0 | 31.2 | 33.4 | 35.6 | 37.8 | 39.2 | 40.5 | 42.0 | 43.6 | 45.2 |
| 32.5° | 27.5 | 29.8 | 32.1 | 34.3 | 36.6 | 38.4 | 39.8 | 41.2 | 42.8 | 44.4 | 45.7 |
| 31.25° | 28.3 | 30.6 | 32.9 | 35.2 | 37.5 | 39.0 | 40.4 | 41.9 | 43.6 | 45.3 | 45.9 |
| 30° | 29.0 | 31.3 | 33.7 | 36.0 | 38.1 | 39.6 | 41.0 | 42.6 | 44.4 | 45.7 | 46.2 |
| 28.75° | 29.7 | 32.1 | 34.4 | 36.8 | 38.6 | 40.1 | 41.6 | 43.4 | 45.1 | 45.9 | 46.4 |
| 27.5° | 30.4 | 32.8 | 35.2 | 37.6 | 39.1 | 40.6 | 42.3 | 44.0 | 45.6 | 46.1 | 46.7 |
| 26.25° | 31.0 | 33.4 | 35.9 | 38.1 | 39.6 | 41.1 | 42.9 | 44.7 | 45.8 | 46.4 | 46.8 |
| 25° | 31.6 | 34.1 | 36.6 | 38.6 | 40.1 | 41.7 | 43.5 | 45.3 | 46.0 | 46.6 | 46.8 |
| 23.75° | 32.2 | 34.7 | 37.2 | 39.0 | 40.5 | 42.2 | 44.1 | 45.6 | 46.2 | 46.8 | 46.8 |
| 22.5° | 32.8 | 35.3 | 37.8 | 39.4 | 41.0 | 42.8 | 44.7 | 45.8 | 46.4 | 46.8 | 46.8 |
| 21.25° | 33.3 | 35.9 | 38.2 | 39.8 | 41.4 | 43.3 | 45.2 | 46.0 | 46.6 | 46.8 | 46.8 |
| 20° | 33.8 | 36.4 | 38.5 | 40.1 | 41.8 | 43.8 | 45.6 | 46.2 | 46.7 | 46.8 | 46.8 |
| 18.75° | 34.3 | 36.9 | 38.9 | 40.5 | 42.3 | 44.2 | 45.7 | 46.3 | 46.8 | 46.8 | 46.8 |
| 17.5° | 34.7 | 37.4 | 39.2 | 40.8 | 42.7 | 44.7 | 45.8 | 46.5 | 46.8 | 46.8 | 46.8 |
| 16.25° | 35.1 | 37.8 | 39.5 | 41.1 | 43.1 | 45.1 | 46.0 | 46.6 | 46.8 | 46.8 | 46.8 |
| 15° | 35.5 | 38.1 | 39.7 | 41.4 | 43.4 | 45.4 | 46.1 | 46.7 | 46.8 | 46.8 | 46.8 |
| 13.75° | 35.9 | 38.3 | 40.0 | 41.7 | 43.8 | 45.6 | 46.2 | 46.8 | 46.8 | 46.8 | 46.8 |
| 12.5° | 36.2 | 38.5 | 40.2 | 42.0 | 44.1 | 45.7 | 46.3 | 46.8 | 46.8 | 46.8 | 46.8 |
| 11.25° | 36.5 | 38.7 | 40.4 | 42.3 | 44.3 | 45.8 | 46.4 | 46.8 | 46.8 | 46.8 | 46.8 |
| 10° | 36.8 | 38.9 | 40.6 | 42.5 | 44.6 | 45.8 | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 |
| 8.75° | 37.0 | 39.0 | 40.8 | 42.7 | 44.8 | 45.9 | 46.6 | 46.8 | 46.8 | 46.8 | 46.8 |
| 7.5° | 37.2 | 39.2 | 40.9 | 42.9 | 45.0 | 46.0 | 46.6 | 46.8 | 46.8 | 46.8 | 46.8 |
| 6.25° | 37.4 | 39.3 | 41.0 | 43.1 | 45.1 | 46.0 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 |
| 5° | 37.5 | 39.4 | 41.1 | 43.2 | 45.3 | 46.1 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 |
| 3.75° | 37.7 | 39.5 | 41.2 | 43.3 | 45.4 | 46.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 2.5° | 37.7 | 39.5 | 41.3 | 43.3 | 45.4 | 46.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 1.25° | 37.8 | 39.5 | 41.3 | 43.4 | 45.5 | 46.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 0° | 37.8 | 39.6 | 41.3 | 43.4 | 45.5 | 46.2 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -1.25° | 37.8 | 39.5 | 41.3 | 43.4 | 45.5 | 46.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -2.5° | 37.7 | 39.5 | 41.3 | 43.3 | 45.4 | 46.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -3.75° | 37.7 | 39.5 | 41.2 | 43.3 | 45.4 | 46.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -5° | 37.5 | 39.4 | 41.1 | 43.2 | 45.3 | 46.1 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 |
| -6.25° | 37.4 | 39.3 | 41.0 | 43.1 | 45.1 | 46.0 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 |
| -7.5° | 37.2 | 39.2 | 40.9 | 42.9 | 45.0 | 46.0 | 46.6 | 46.8 | 46.8 | 46.8 | 46.8 |
| -8.75° | 37.0 | 39.0 | 40.8 | 42.7 | 44.8 | 45.9 | 46.6 | 46.8 | 46.8 | 46.8 | 46.8 |
| -10° | 36.8 | 38.9 | 40.6 | 42.5 | 44.6 | 45.8 | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 |
| -11.25° | 36.5 | 38.7 | 40.4 | 42.3 | 44.3 | 45.8 | 46.4 | 46.8 | 46.8 | 46.8 | 46.8 |
| -12.5° | 36.2 | 38.5 | 40.2 | 42.0 | 44.1 | 45.7 | 46.3 | 46.8 | 46.8 | 46.8 | 46.8 |
| -13.75° | 35.9 | 38.3 | 40.0 | 41.7 | 43.8 | 45.6 | 46.2 | 46.8 | 46.8 | 46.8 | 46.8 |
| -15° | 35.5 | 38.1 | 39.7 | 41.4 | 43.4 | 45.4 | 46.1 | 46.7 | 46.8 | 46.8 | 46.8 |
| -16.25° | 35.1 | 37.8 | 39.5 | 41.1 | 43.1 | 45.1 | 46.0 | 46.6 | 46.8 | 46.8 | 46.8 |
| -17.5° | 34.7 | 37.4 | 39.2 | 40.8 | 42.7 | 44.7 | 45.8 | 46.5 | 46.8 | 46.8 | 46.8 |
| -18.75° | 34.3 | 36.9 | 38.9 | 40.5 | 42.3 | 44.2 | 45.7 | 46.3 | 46.8 | 46.8 | 46.8 |
| -20° | 33.8 | 36.4 | 38.5 | 40.1 | 41.8 | 43.8 | 45.6 | 46.2 | 46.7 | 46.8 | 46.8 |
| -21.25° | 33.3 | 35.9 | 38.2 | 39.8 | 41.4 | 43.3 | 45.2 | 46.0 | 46.6 | 46.8 | 46.8 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -22.5° | 32.8 | 35.3 | 37.8 | 39.4 | 41.0 | 42.8 | 44.7 | 45.8 | 46.4 | 46.8 | 46.8 |
| -23.75° | 32.2 | 34.7 | 37.2 | 39.0 | 40.5 | 42.2 | 44.1 | 45.6 | 46.2 | 46.8 | 46.8 |
| -25° | 31.6 | 34.1 | 36.6 | 38.6 | 40.1 | 41.7 | 43.5 | 45.3 | 46.0 | 46.6 | 46.8 |
| -26.25° | 31.0 | 33.4 | 35.9 | 38.1 | 39.6 | 41.1 | 42.9 | 44.7 | 45.8 | 46.4 | 46.8 |
| -27.5° | 30.4 | 32.8 | 35.2 | 37.6 | 39.1 | 40.6 | 42.3 | 44.0 | 45.6 | 46.1 | 46.7 |
| -28.75° | 29.7 | 32.1 | 34.4 | 36.8 | 38.6 | 40.1 | 41.6 | 43.4 | 45.1 | 45.9 | 46.4 |
| -30° | 29.0 | 31.3 | 33.7 | 36.0 | 38.1 | 39.6 | 41.0 | 42.6 | 44.4 | 45.7 | 46.2 |
| -31.25° | 28.3 | 30.6 | 32.9 | 35.2 | 37.5 | 39.0 | 40.4 | 41.9 | 43.6 | 45.3 | 45.9 |
| -32.5° | 27.5 | 29.8 | 32.1 | 34.3 | 36.6 | 38.4 | 39.8 | 41.2 | 42.8 | 44.4 | 45.7 |
| -33.75° | 26.8 | 29.0 | 31.2 | 33.4 | 35.6 | 37.8 | 39.2 | 40.5 | 42.0 | 43.6 | 45.2 |
| -35° | 26.1 | 28.2 | 30.4 | 32.5 | 34.7 | 36.8 | 38.5 | 39.9 | 41.2 | 42.7 | 44.3 |
| -36.25° | 25.3 | 27.3 | 29.5 | 31.6 | 33.7 | 35.8 | 37.9 | 39.2 | 40.5 | 41.8 | 43.4 |
| -37.5° | 24.6 | 26.5 | 28.6 | 30.6 | 32.7 | 34.8 | 36.8 | 38.5 | 39.7 | 41.0 | 42.4 |
| -38.75° | 23.9 | 25.7 | 27.6 | 29.7 | 31.7 | 33.7 | 35.7 | 37.7 | 39.0 | 40.2 | 41.4 |
| -40° | 23.1 | 24.9 | 26.6 | 28.7 | 30.6 | 32.6 | 34.6 | 36.5 | 38.2 | 39.4 | 40.6 |
| -41.25° | 22.3 | 24.1 | 25.8 | 27.6 | 29.6 | 31.5 | 33.4 | 35.3 | 37.2 | 38.6 | 39.8 |
| -42.5° | 21.5 | 23.2 | 24.9 | 26.6 | 28.5 | 30.4 | 32.2 | 34.1 | 35.9 | 37.8 | 38.9 |
| -43.75° | 20.8 | 22.3 | 24.0 | 25.6 | 27.4 | 29.2 | 31.0 | 32.8 | 34.6 | 36.4 | 38.0 |
| -45° | 20.1 | 21.5 | 23.1 | 24.7 | 26.3 | 28.0 | 29.8 | 31.6 | 33.3 | 35.0 | 36.8 |
| -46.25° | 19.4 | 20.7 | 22.1 | 23.7 | 25.2 | 26.8 | 28.5 | 30.3 | 32.0 | 33.7 | 35.3 |
| -47.5° | 18.6 | 20.0 | 21.3 | 22.7 | 24.2 | 25.7 | 27.3 | 28.9 | 30.6 | 32.2 | 33.9 |
| -48.75° | 17.9 | 19.2 | 20.4 | 21.7 | 23.2 | 24.6 | 26.1 | 27.6 | 29.2 | 30.8 | 32.4 |
| -50° | 17.2 | 18.4 | 19.6 | 20.8 | 22.1 | 23.5 | 24.9 | 26.3 | 27.8 | 29.3 | 30.9 |
| -51.25° | 16.7 | 17.5 | 18.7 | 19.9 | 21.1 | 22.4 | 23.7 | 25.1 | 26.4 | 27.9 | 29.3 |
| -52.5° | 16.2 | 17.0 | 17.9 | 19.0 | 20.2 | 21.3 | 22.6 | 23.9 | 25.1 | 26.4 | 27.8 |
| -53.75° | 15.6 | 16.4 | 17.2 | 18.1 | 19.2 | 20.3 | 21.4 | 22.6 | 23.9 | 25.1 | 26.3 |
| -55° | 15.1 | 15.8 | 16.6 | 17.3 | 18.3 | 19.3 | 20.4 | 21.4 | 22.6 | 23.7 | 24.9 |
| -56.25° | 14.6 | 15.3 | 16.0 | 16.7 | 17.4 | 18.3 | 19.3 | 20.3 | 21.3 | 22.4 | 23.5 |
| -57.5° | 14.3 | 14.7 | 15.4 | 16.0 | 16.7 | 17.4 | 18.3 | 19.2 | 20.2 | 21.1 | 22.1 |
| -58.75° | 14.1 | 14.4 | 14.7 | 15.4 | 16.0 | 16.7 | 17.3 | 18.1 | 19.0 | 19.9 | 20.8 |
| -60° | 13.8 | 14.1 | 14.4 | 14.7 | 15.4 | 16.0 | 16.6 | 17.2 | 17.9 | 18.7 | 19.6 |
| -61.25° | 13.5 | 13.8 | 14.1 | 14.4 | 14.7 | 15.3 | 15.8 | 16.4 | 17.0 | 17.5 | 18.4 |
| -62.5° | 13.1 | 13.5 | 13.8 | 14.1 | 14.3 | 14.6 | 15.1 | 15.6 | 16.2 | 16.7 | 17.2 |
| -63.75° | 12.7 | 13.1 | 13.5 | 13.7 | 14.0 | 14.3 | 14.5 | 14.9 | 15.4 | 15.9 | 16.4 |
| -65° | 12.3 | 12.7 | 13.0 | 13.4 | 13.6 | 13.9 | 14.2 | 14.4 | 14.6 | 15.1 | 15.6 |
| -66.25° | 11.8 | 12.2 | 12.6 | 12.9 | 13.3 | 13.5 | 13.8 | 14.0 | 14.2 | 14.5 | 14.7 |
| -67.5° | 11.3 | 11.7 | 12.1 | 12.4 | 12.8 | 13.1 | 13.4 | 13.6 | 13.8 | 14.1 | 14.3 |
| -68.75° | 10.8 | 11.2 | 11.6 | 11.9 | 12.2 | 12.6 | 12.9 | 13.2 | 13.4 | 13.6 | 13.8 |
| -70° | 10.2 | 10.6 | 11.0 | 11.4 | 11.7 | 12.0 | 12.3 | 12.6 | 12.9 | 13.2 | 13.4 |
| -71.25° | 9.6 | 10.0 | 10.4 | 10.8 | 11.1 | 11.4 | 11.7 | 12.0 | 12.3 | 12.5 | 12.8 |
| -72.5° | 8.9 | 9.3 | 9.7 | 10.1 | 10.4 | 10.8 | 11.1 | 11.4 | 11.7 | 11.9 | 12.2 |
| -73.75° | 8.3 | 8.7 | 9.0 | 9.3 | 9.7 | 10.0 | 10.3 | 10.7 | 11.0 | 11.3 | 11.5 |
| -75° | 7.7 | 8.0 | 8.3 | 8.6 | 9.0 | 9.3 | 9.6 | 9.9 | 10.2 | 10.4 | 10.7 |
| -76.25° | 7.1 | 7.4 | 7.6 | 7.9 | 8.2 | 8.5 | 8.8 | 9.0 | 9.3 | 9.6 | 9.8 |
| -77.5° | 6.4 | 6.7 | 7.0 | 7.2 | 7.5 | 7.7 | 8.0 | 8.2 | 8.5 | 8.7 | 9.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -78.75° | 5.8 | 6.0 | 6.3 | 6.5 | 6.7 | 7.0 | 7.2 | 7.4 | 7.6 | 7.9 | 8.1 |
| -80° | 5.0 | 5.3 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 |
| -81.25° | 4.2 | 4.5 | 4.7 | 4.9 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.1 | 6.3 |
| -82.5° | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.3 |
| -83.75° | 2.6 | 2.8 | 3.0 | 3.1 | 3.3 | 3.5 | 3.6 | 3.8 | 3.9 | 4.1 | 4.2 |
| -85° | 1.9 | 2.0 | 2.1 | 2.2 | 2.4 | 2.5 | 2.6 | 2.7 | 2.9 | 3.0 | 3.1 |
| -86.25° | 1.5 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 | 1.8 | 1.9 | 1.9 | 2.0 | 2.0 |
| -87.5° | 1.0 | 1.0 | 1.0 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.3 |
| -88.75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | -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° | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 87.5° | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 |
| 86.25° | 2.1 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.5 | 2.6 | 2.7 | 2.8 | 2.8 |
| 85° | 3.2 | 3.3 | 3.4 | 3.5 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.2 |
| 83.75° | 4.4 | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 |
| 82.5° | 5.5 | 5.7 | 5.8 | 5.9 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.7 | 6.8 |
| 81.25° | 6.4 | 6.6 | 6.8 | 6.9 | 7.1 | 7.2 | 7.4 | 7.5 | 7.6 | 7.8 | 7.9 |
| 80° | 7.4 | 7.5 | 7.7 | 7.9 | 8.1 | 8.2 | 8.4 | 8.6 | 8.7 | 8.9 | 9.0 |
| 78.75° | 8.3 | 8.5 | 8.7 | 8.9 | 9.1 | 9.3 | 9.4 | 9.6 | 9.8 | 10.0 | 10.1 |
| 77.5° | 9.2 | 9.4 | 9.6 | 9.9 | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1 | 11.2 |
| 76.25° | 10.1 | 10.3 | 10.6 | 10.8 | 11.1 | 11.3 | 11.4 | 11.6 | 11.8 | 11.9 | 12.1 |
| 75° | 11.0 | 11.3 | 11.5 | 11.7 | 11.9 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 12.9 |
| 73.75° | 11.7 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 | 13.2 | 13.4 | 13.5 | 13.6 |
| 72.5° | 12.4 | 12.6 | 12.9 | 13.1 | 13.3 | 13.5 | 13.6 | 13.8 | 13.9 | 14.0 | 14.2 |
| 71.25° | 13.1 | 13.3 | 13.5 | 13.7 | 13.8 | 14.0 | 14.1 | 14.3 | 14.4 | 14.6 | 14.7 |
| 70° | 13.6 | 13.8 | 14.0 | 14.1 | 14.3 | 14.5 | 14.6 | 14.9 | 15.2 | 15.5 | 15.8 |
| 68.75° | 14.0 | 14.2 | 14.4 | 14.6 | 14.9 | 15.3 | 15.6 | 16.0 | 16.3 | 16.6 | 16.9 |
| 67.5° | 14.5 | 14.7 | 15.1 | 15.5 | 15.9 | 16.3 | 16.6 | 17.0 | 17.3 | 17.8 | 18.3 |
| 66.25° | 15.1 | 15.6 | 16.0 | 16.4 | 16.8 | 17.2 | 17.7 | 18.3 | 18.9 | 19.4 | 19.9 |
| 65° | 16.0 | 16.5 | 16.9 | 17.4 | 18.0 | 18.6 | 19.2 | 19.8 | 20.4 | 21.0 | 21.6 |
| 63.75° | 16.9 | 17.4 | 18.0 | 18.7 | 19.4 | 20.1 | 20.7 | 21.4 | 22.0 | 22.8 | 23.5 |
| 62.5° | 17.9 | 18.6 | 19.4 | 20.1 | 20.8 | 21.5 | 22.3 | 23.1 | 23.9 | 24.6 | 25.3 |
| 61.25° | 19.2 | 20.0 | 20.7 | 21.5 | 22.3 | 23.2 | 24.1 | 24.9 | 25.7 | 26.5 | 27.3 |
| 60° | 20.4 | 21.3 | 22.1 | 23.1 | 24.0 | 24.9 | 25.8 | 26.6 | 27.6 | 28.6 | 29.5 |
| 58.75° | 21.7 | 22.7 | 23.7 | 24.7 | 25.6 | 26.6 | 27.6 | 28.7 | 29.7 | 30.6 | 31.6 |
| 57.5° | 23.2 | 24.2 | 25.2 | 26.3 | 27.4 | 28.5 | 29.6 | 30.6 | 31.7 | 32.7 | 33.7 |
| 56.25° | 24.6 | 25.7 | 26.8 | 28.0 | 29.2 | 30.4 | 31.5 | 32.6 | 33.7 | 34.8 | 35.8 |
| 55° | 26.1 | 27.3 | 28.5 | 29.8 | 31.0 | 32.2 | 33.4 | 34.6 | 35.7 | 36.8 | 37.9 |
| 53.75° | 27.6 | 28.9 | 30.3 | 31.6 | 32.8 | 34.1 | 35.3 | 36.5 | 37.7 | 38.5 | 39.2 |
| 52.5° | 29.2 | 30.6 | 32.0 | 33.3 | 34.6 | 35.9 | 37.2 | 38.2 | 39.0 | 39.7 | 40.5 |
| 51.25° | 30.8 | 32.2 | 33.7 | 35.0 | 36.4 | 37.8 | 38.6 | 39.4 | 40.2 | 41.0 | 41.8 |
| 50° | 32.4 | 33.9 | 35.3 | 36.8 | 38.0 | 38.9 | 39.8 | 40.6 | 41.4 | 42.4 | 43.4 |
| 48.75° | 33.9 | 35.5 | 37.0 | 38.2 | 39.1 | 40.0 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 |
| 47.5° | 35.5 | 37.0 | 38.3 | 39.3 | 40.2 | 41.1 | 42.2 | 43.3 | 44.3 | 45.3 | 45.8 |
| 46.25° | 37.0 | 38.3 | 39.3 | 40.3 | 41.3 | 42.4 | 43.5 | 44.6 | 45.6 | 45.9 | 46.2 |
| 45° | 38.2 | 39.3 | 40.3 | 41.3 | 42.5 | 43.7 | 44.9 | 45.7 | 46.0 | 46.3 | 46.7 |
| 43.75° | 39.1 | 40.2 | 41.3 | 42.5 | 43.7 | 45.0 | 45.7 | 46.1 | 46.4 | 46.8 | 46.8 |
| 42.5° | 40.0 | 41.1 | 42.4 | 43.7 | 45.0 | 45.7 | 46.1 | 46.5 | 46.8 | 46.8 | 46.8 |
| 41.25° | 40.9 | 42.2 | 43.5 | 44.9 | 45.7 | 46.1 | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 |
| 40° | 41.9 | 43.3 | 44.6 | 45.7 | 46.1 | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 38.75° | 42.9 | 44.3 | 45.6 | 46.0 | 46.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 37.5° | 43.9 | 45.3 | 45.9 | 46.3 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 36.25° | 44.9 | 45.8 | 46.2 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.1 |
| 35° | 45.6 | 46.1 | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.1 | 47.6 |



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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° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 33.75° | 45.9 | 46.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.5 | 48.0 |
| 32.5° | 46.2 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.9 | 47.4 | 47.9 | 48.5 |
| 31.25° | 46.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.3 | 47.8 | 48.4 | 49.1 |
| 30° | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.2 | 47.7 | 48.2 | 49.0 | 49.7 |
| 28.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.5 | 48.0 | 48.7 | 49.5 | 50.3 |
| 27.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.3 | 47.8 | 48.5 | 49.3 | 50.1 | 50.9 |
| 26.25° | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.6 | 48.1 | 49.0 | 49.8 | 50.6 | 51.4 |
| 25° | 46.8 | 46.8 | 46.8 | 46.8 | 47.3 | 47.9 | 48.6 | 49.4 | 50.3 | 51.1 | 51.9 |
| 23.75° | 46.8 | 46.8 | 46.8 | 47.0 | 47.6 | 48.2 | 49.0 | 49.9 | 50.8 | 51.6 | 52.5 |
| 22.5° | 46.8 | 46.8 | 46.8 | 47.2 | 47.8 | 48.6 | 49.5 | 50.3 | 51.2 | 52.1 | 53.0 |
| 21.25° | 46.8 | 46.8 | 46.9 | 47.5 | 48.1 | 49.0 | 49.9 | 50.8 | 51.7 | 52.6 | 53.4 |
| 20° | 46.8 | 46.8 | 47.1 | 47.7 | 48.4 | 49.3 | 50.3 | 51.2 | 52.1 | 53.0 | 53.9 |
| 18.75° | 46.8 | 46.8 | 47.3 | 47.9 | 48.8 | 49.7 | 50.6 | 51.6 | 52.5 | 53.4 | 54.3 |
| 17.5° | 46.8 | 46.9 | 47.5 | 48.1 | 49.1 | 50.0 | 51.0 | 51.9 | 52.9 | 53.8 | 54.7 |
| 16.25° | 46.8 | 47.0 | 47.7 | 48.4 | 49.4 | 50.3 | 51.3 | 52.3 | 53.2 | 54.2 | 55.1 |
| 15° | 46.8 | 47.2 | 47.9 | 48.7 | 49.7 | 50.6 | 51.6 | 52.6 | 53.6 | 54.5 | 55.5 |
| 13.75° | 46.8 | 47.4 | 48.0 | 48.9 | 49.9 | 50.9 | 51.9 | 52.9 | 53.9 | 54.8 | 55.8 |
| 12.5° | 46.8 | 47.5 | 48.2 | 49.2 | 50.2 | 51.2 | 52.2 | 53.2 | 54.2 | 55.1 | 56.1 |
| 11.25° | 47.0 | 47.6 | 48.4 | 49.4 | 50.4 | 51.4 | 52.4 | 53.4 | 54.4 | 55.4 | 56.4 |
| 10° | 47.1 | 47.8 | 48.6 | 49.6 | 50.6 | 51.6 | 52.6 | 53.6 | 54.6 | 55.7 | 56.7 |
| 8.75° | 47.2 | 47.9 | 48.7 | 49.7 | 50.8 | 51.8 | 52.8 | 53.8 | 54.9 | 55.9 | 57.2 |
| 7.5° | 47.3 | 47.9 | 48.9 | 49.9 | 50.9 | 52.0 | 53.0 | 54.0 | 55.0 | 56.1 | 57.6 |
| 6.25° | 47.3 | 48.0 | 49.0 | 50.0 | 51.1 | 52.1 | 53.1 | 54.2 | 55.2 | 56.2 | 57.9 |
| 5° | 47.4 | 48.1 | 49.1 | 50.1 | 51.2 | 52.2 | 53.2 | 54.3 | 55.3 | 56.4 | 58.2 |
| 3.75° | 47.4 | 48.1 | 49.2 | 50.2 | 51.2 | 52.3 | 53.3 | 54.4 | 55.4 | 56.5 | 58.4 |
| 2.5° | 47.5 | 48.2 | 49.2 | 50.3 | 51.3 | 52.4 | 53.4 | 54.4 | 55.5 | 56.5 | 58.6 |
| 1.25° | 47.5 | 48.2 | 49.2 | 50.3 | 51.3 | 52.4 | 53.4 | 54.5 | 55.5 | 56.6 | 58.7 |
| 0° | 47.5 | 48.2 | 49.3 | 50.3 | 51.4 | 52.4 | 53.5 | 54.5 | 55.6 | 56.6 | 58.7 |
| -1.25° | 47.5 | 48.2 | 49.2 | 50.3 | 51.3 | 52.4 | 53.4 | 54.5 | 55.5 | 56.6 | 58.7 |
| -2.5° | 47.5 | 48.2 | 49.2 | 50.3 | 51.3 | 52.4 | 53.4 | 54.4 | 55.5 | 56.5 | 58.6 |
| -3.75° | 47.4 | 48.1 | 49.2 | 50.2 | 51.2 | 52.3 | 53.3 | 54.4 | 55.4 | 56.5 | 58.4 |
| -5° | 47.4 | 48.1 | 49.1 | 50.1 | 51.2 | 52.2 | 53.2 | 54.3 | 55.3 | 56.4 | 58.2 |
| -6.25° | 47.3 | 48.0 | 49.0 | 50.0 | 51.1 | 52.1 | 53.1 | 54.2 | 55.2 | 56.2 | 57.9 |
| -7.5° | 47.3 | 47.9 | 48.9 | 49.9 | 50.9 | 52.0 | 53.0 | 54.0 | 55.0 | 56.1 | 57.6 |
| -8.75° | 47.2 | 47.9 | 48.7 | 49.7 | 50.8 | 51.8 | 52.8 | 53.8 | 54.9 | 55.9 | 57.2 |
| -10° | 47.1 | 47.8 | 48.6 | 49.6 | 50.6 | 51.6 | 52.6 | 53.6 | 54.6 | 55.7 | 56.7 |
| -11.25° | 47.0 | 47.6 | 48.4 | 49.4 | 50.4 | 51.4 | 52.4 | 53.4 | 54.4 | 55.4 | 56.4 |
| -12.5° | 46.8 | 47.5 | 48.2 | 49.2 | 50.2 | 51.2 | 52.2 | 53.2 | 54.2 | 55.1 | 56.1 |
| -13.75° | 46.8 | 47.4 | 48.0 | 48.9 | 49.9 | 50.9 | 51.9 | 52.9 | 53.9 | 54.8 | 55.8 |
| -15° | 46.8 | 47.2 | 47.9 | 48.7 | 49.7 | 50.6 | 51.6 | 52.6 | 53.6 | 54.5 | 55.5 |
| -16.25° | 46.8 | 47.0 | 47.7 | 48.4 | 49.4 | 50.3 | 51.3 | 52.3 | 53.2 | 54.2 | 55.1 |
| -17.5° | 46.8 | 46.9 | 47.5 | 48.1 | 49.1 | 50.0 | 51.0 | 51.9 | 52.9 | 53.8 | 54.7 |
| -18.75° | 46.8 | 46.8 | 47.3 | 47.9 | 48.8 | 49.7 | 50.6 | 51.6 | 52.5 | 53.4 | 54.3 |
| -20° | 46.8 | 46.8 | 47.1 | 47.7 | 48.4 | 49.3 | 50.3 | 51.2 | 52.1 | 53.0 | 53.9 |
| -21.25° | 46.8 | 46.8 | 46.9 | 47.5 | 48.1 | 49.0 | 49.9 | 50.8 | 51.7 | 52.6 | 53.4 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -22.5° | 46.8 | 46.8 | 46.8 | 47.2 | 47.8 | 48.6 | 49.5 | 50.3 | 51.2 | 52.1 | 53.0 |
| -23.75° | 46.8 | 46.8 | 46.8 | 47.0 | 47.6 | 48.2 | 49.0 | 49.9 | 50.8 | 51.6 | 52.5 |
| -25° | 46.8 | 46.8 | 46.8 | 46.8 | 47.3 | 47.9 | 48.6 | 49.4 | 50.3 | 51.1 | 51.9 |
| -26.25° | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.6 | 48.1 | 49.0 | 49.8 | 50.6 | 51.4 |
| -27.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.3 | 47.8 | 48.5 | 49.3 | 50.1 | 50.9 |
| -28.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.5 | 48.0 | 48.7 | 49.5 | 50.3 |
| -30° | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.2 | 47.7 | 48.2 | 49.0 | 49.7 |
| -31.25° | 46.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.3 | 47.8 | 48.4 | 49.1 |
| -32.5° | 46.2 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.9 | 47.4 | 47.9 | 48.5 |
| -33.75° | 45.9 | 46.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.5 | 48.0 |
| -35° | 45.6 | 46.1 | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.1 | 47.6 |
| -36.25° | 44.9 | 45.8 | 46.2 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.1 |
| -37.5° | 43.9 | 45.3 | 45.9 | 46.3 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -38.75° | 42.9 | 44.3 | 45.6 | 46.0 | 46.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -40° | 41.9 | 43.3 | 44.6 | 45.7 | 46.1 | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -41.25° | 40.9 | 42.2 | 43.5 | 44.9 | 45.7 | 46.1 | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 |
| -42.5° | 40.0 | 41.1 | 42.4 | 43.7 | 45.0 | 45.7 | 46.1 | 46.5 | 46.8 | 46.8 | 46.8 |
| -43.75° | 39.1 | 40.2 | 41.3 | 42.5 | 43.7 | 45.0 | 45.7 | 46.1 | 46.4 | 46.8 | 46.8 |
| -45° | 38.2 | 39.3 | 40.3 | 41.3 | 42.5 | 43.7 | 44.9 | 45.7 | 46.0 | 46.3 | 46.7 |
| -46.25° | 37.0 | 38.3 | 39.3 | 40.3 | 41.3 | 42.4 | 43.5 | 44.6 | 45.6 | 45.9 | 46.2 |
| -47.5° | 35.5 | 37.0 | 38.3 | 39.3 | 40.2 | 41.1 | 42.2 | 43.3 | 44.3 | 45.3 | 45.8 |
| -48.75° | 33.9 | 35.5 | 37.0 | 38.2 | 39.1 | 40.0 | 40.9 | 41.9 | 42.9 | 43.9 | 44.9 |
| -50° | 32.4 | 33.9 | 35.3 | 36.8 | 38.0 | 38.9 | 39.8 | 40.6 | 41.4 | 42.4 | 43.4 |
| -51.25° | 30.8 | 32.2 | 33.7 | 35.0 | 36.4 | 37.8 | 38.6 | 39.4 | 40.2 | 41.0 | 41.8 |
| -52.5° | 29.2 | 30.6 | 32.0 | 33.3 | 34.6 | 35.9 | 37.2 | 38.2 | 39.0 | 39.7 | 40.5 |
| -53.75° | 27.6 | 28.9 | 30.3 | 31.6 | 32.8 | 34.1 | 35.3 | 36.5 | 37.7 | 38.5 | 39.2 |
| -55° | 26.1 | 27.3 | 28.5 | 29.8 | 31.0 | 32.2 | 33.4 | 34.6 | 35.7 | 36.8 | 37.9 |
| -56.25° | 24.6 | 25.7 | 26.8 | 28.0 | 29.2 | 30.4 | 31.5 | 32.6 | 33.7 | 34.8 | 35.8 |
| -57.5° | 23.2 | 24.2 | 25.2 | 26.3 | 27.4 | 28.5 | 29.6 | 30.6 | 31.7 | 32.7 | 33.7 |
| -58.75° | 21.7 | 22.7 | 23.7 | 24.7 | 25.6 | 26.6 | 27.6 | 28.7 | 29.7 | 30.6 | 31.6 |
| -60° | 20.4 | 21.3 | 22.1 | 23.1 | 24.0 | 24.9 | 25.8 | 26.6 | 27.6 | 28.6 | 29.5 |
| -61.25° | 19.2 | 20.0 | 20.7 | 21.5 | 22.3 | 23.2 | 24.1 | 24.9 | 25.7 | 26.5 | 27.3 |
| -62.5° | 17.9 | 18.6 | 19.4 | 20.1 | 20.8 | 21.5 | 22.3 | 23.1 | 23.9 | 24.6 | 25.3 |
| -63.75° | 16.9 | 17.4 | 18.0 | 18.7 | 19.4 | 20.1 | 20.7 | 21.4 | 22.0 | 22.8 | 23.5 |
| -65° | 16.0 | 16.5 | 16.9 | 17.4 | 18.0 | 18.6 | 19.2 | 19.8 | 20.4 | 21.0 | 21.6 |
| -66.25° | 15.1 | 15.6 | 16.0 | 16.4 | 16.8 | 17.2 | 17.7 | 18.3 | 18.9 | 19.4 | 19.9 |
| -67.5° | 14.5 | 14.7 | 15.1 | 15.5 | 15.9 | 16.3 | 16.6 | 17.0 | 17.3 | 17.8 | 18.3 |
| -68.75° | 14.0 | 14.2 | 14.4 | 14.6 | 14.9 | 15.3 | 15.6 | 16.0 | 16.3 | 16.6 | 16.9 |
| -70° | 13.6 | 13.8 | 14.0 | 14.1 | 14.3 | 14.5 | 14.6 | 14.9 | 15.2 | 15.5 | 15.8 |
| -71.25° | 13.1 | 13.3 | 13.5 | 13.7 | 13.8 | 14.0 | 14.1 | 14.3 | 14.4 | 14.6 | 14.7 |
| -72.5° | 12.4 | 12.6 | 12.9 | 13.1 | 13.3 | 13.5 | 13.6 | 13.8 | 13.9 | 14.0 | 14.2 |
| -73.75° | 11.7 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 | 13.2 | 13.4 | 13.5 | 13.6 |
| -75° | 11.0 | 11.3 | 11.5 | 11.7 | 11.9 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 12.9 |
| -76.25° | 10.1 | 10.3 | 10.6 | 10.8 | 11.1 | 11.3 | 11.4 | 11.6 | 11.8 | 11.9 | 12.1 |
| -77.5° | 9.2 | 9.4 | 9.6 | 9.9 | 10.1 | 10.3 | 10.5 | 10.7 | 10.9 | 11.1 | 11.2 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -78.75° | 8.3 | 8.5 | 8.7 | 8.9 | 9.1 | 9.3 | 9.4 | 9.6 | 9.8 | 10.0 | 10.1 |
| -80° | 7.4 | 7.5 | 7.7 | 7.9 | 8.1 | 8.2 | 8.4 | 8.6 | 8.7 | 8.9 | 9.0 |
| -81.25° | 6.4 | 6.6 | 6.8 | 6.9 | 7.1 | 7.2 | 7.4 | 7.5 | 7.6 | 7.8 | 7.9 |
| -82.5° | 5.5 | 5.7 | 5.8 | 5.9 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.7 | 6.8 |
| -83.75° | 4.4 | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 |
| -85° | 3.2 | 3.3 | 3.4 | 3.5 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.2 |
| -86.25° | 2.1 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.5 | 2.6 | 2.7 | 2.8 | 2.8 |
| -87.5° | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 | 1.7 | 1.7 |
| -88.75° | 0.7 | 0.7 | 0.7 | 0.7 | 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: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 |
| 87.5° | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 86.25° | 2.9 | 3.0 | 3.0 | 3.1 | 3.1 | 3.2 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 |
| 85° | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.7 | 4.8 | 4.9 | 4.9 | 5.0 | 5.1 |
| 83.75° | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.1 | 6.2 | 6.3 | 6.3 | 6.4 | 6.5 |
| 82.5° | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 |
| 81.25° | 8.0 | 8.1 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.0 |
| 80° | 9.2 | 9.3 | 9.4 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 |
| 78.75° | 10.3 | 10.5 | 10.6 | 10.8 | 10.9 | 11.0 | 11.2 | 11.3 | 11.4 | 11.4 | 11.5 |
| 77.5° | 11.4 | 11.5 | 11.6 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 |
| 76.25° | 12.2 | 12.4 | 12.5 | 12.6 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 |
| 75° | 13.1 | 13.2 | 13.4 | 13.5 | 13.6 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.0 |
| 73.75° | 13.7 | 13.8 | 13.9 | 14.1 | 14.2 | 14.3 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 |
| 72.5° | 14.3 | 14.4 | 14.5 | 14.6 | 14.8 | 15.0 | 15.2 | 15.4 | 15.6 | 15.8 | 16.0 |
| 71.25° | 15.0 | 15.3 | 15.5 | 15.8 | 16.0 | 16.2 | 16.5 | 16.7 | 16.9 | 17.1 | 17.2 |
| 70° | 16.1 | 16.4 | 16.7 | 16.9 | 17.2 | 17.4 | 17.8 | 18.1 | 18.4 | 18.7 | 19.0 |
| 68.75° | 17.2 | 17.6 | 18.0 | 18.4 | 18.8 | 19.2 | 19.6 | 20.0 | 20.3 | 20.6 | 21.0 |
| 67.5° | 18.8 | 19.3 | 19.7 | 20.2 | 20.6 | 21.0 | 21.4 | 21.8 | 22.3 | 22.7 | 23.1 |
| 66.25° | 20.5 | 21.0 | 21.5 | 22.0 | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 24.9 | 25.3 |
| 65° | 22.2 | 22.8 | 23.4 | 24.0 | 24.6 | 25.1 | 25.7 | 26.2 | 26.6 | 27.2 | 27.7 |
| 63.75° | 24.1 | 24.8 | 25.4 | 26.0 | 26.6 | 27.3 | 27.9 | 28.6 | 29.1 | 29.7 | 30.2 |
| 62.5° | 26.1 | 26.8 | 27.5 | 28.3 | 29.0 | 29.7 | 30.4 | 31.0 | 31.6 | 32.2 | 32.8 |
| 61.25° | 28.2 | 29.0 | 29.8 | 30.6 | 31.3 | 32.1 | 32.8 | 33.4 | 34.1 | 34.7 | 35.3 |
| 60° | 30.4 | 31.2 | 32.1 | 32.9 | 33.7 | 34.4 | 35.2 | 35.9 | 36.6 | 37.2 | 37.8 |
| 58.75° | 32.5 | 33.4 | 34.3 | 35.2 | 36.0 | 36.8 | 37.6 | 38.1 | 38.6 | 39.0 | 39.4 |
| 57.5° | 34.7 | 35.6 | 36.6 | 37.5 | 38.1 | 38.6 | 39.1 | 39.6 | 40.1 | 40.5 | 41.0 |
| 56.25° | 36.8 | 37.8 | 38.4 | 39.0 | 39.6 | 40.1 | 40.6 | 41.1 | 41.7 | 42.2 | 42.8 |
| 55° | 38.5 | 39.2 | 39.8 | 40.4 | 41.0 | 41.6 | 42.3 | 42.9 | 43.5 | 44.1 | 44.7 |
| 53.75° | 39.9 | 40.5 | 41.2 | 41.9 | 42.6 | 43.4 | 44.0 | 44.7 | 45.3 | 45.6 | 45.8 |
| 52.5° | 41.2 | 42.0 | 42.8 | 43.6 | 44.4 | 45.1 | 45.6 | 45.8 | 46.0 | 46.2 | 46.4 |
| 51.25° | 42.7 | 43.6 | 44.4 | 45.3 | 45.7 | 45.9 | 46.1 | 46.4 | 46.6 | 46.8 | 46.8 |
| 50° | 44.3 | 45.2 | 45.7 | 45.9 | 46.2 | 46.4 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 |
| 48.75° | 45.6 | 45.9 | 46.2 | 46.4 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 47.5° | 46.1 | 46.4 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 46.25° | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 45° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.2 |
| 43.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.3 | 47.6 | 47.8 |
| 42.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.3 | 47.6 | 47.9 | 48.2 | 48.6 |
| 41.25° | 46.8 | 46.8 | 46.8 | 46.8 | 47.2 | 47.5 | 47.8 | 48.1 | 48.6 | 49.0 | 49.5 |
| 40° | 46.8 | 46.8 | 46.9 | 47.3 | 47.7 | 48.0 | 48.5 | 49.0 | 49.4 | 49.9 | 50.3 |
| 38.75° | 46.8 | 47.0 | 47.4 | 47.8 | 48.2 | 48.7 | 49.3 | 49.8 | 50.3 | 50.8 | 51.2 |
| 37.5° | 47.1 | 47.5 | 47.9 | 48.4 | 49.0 | 49.5 | 50.1 | 50.6 | 51.1 | 51.6 | 52.1 |
| 36.25° | 47.6 | 48.0 | 48.5 | 49.1 | 49.7 | 50.3 | 50.9 | 51.4 | 51.9 | 52.5 | 53.0 |
| 35° | 48.0 | 48.6 | 49.2 | 49.8 | 50.5 | 51.1 | 51.6 | 52.2 | 52.8 | 53.3 | 53.8 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|-------|---------|--------|
| 33.75° | 48.6 | 49.2 | 49.9 | 50.6 | 51.2 | 51.8 | 52.4 | 53.0 | 53.6 | 54.1 | 54.7 |
| 32.5° | 49.2 | 49.9 | 50.6 | 51.3 | 51.9 | 52.6 | 53.2 | 53.8 | 54.4 | 54.9 | 55.5 |
| 31.25° | 49.8 | 50.6 | 51.3 | 51.9 | 52.6 | 53.3 | 53.9 | 54.6 | 55.2 | 55.8 | 56.3 |
| 30° | 50.5 | 51.2 | 51.9 | 52.6 | 53.3 | 54.0 | 54.7 | 55.3 | 55.9 | 56.5 | 57.7 |
| 28.75° | 51.1 | 51.8 | 52.6 | 53.3 | 54.0 | 54.7 | 55.4 | 56.0 | 56.8 | 58.1 | 59.3 |
| 27.5° | 51.6 | 52.4 | 53.2 | 53.9 | 54.7 | 55.4 | 56.1 | 56.9 | 58.3 | 59.6 | 61.0 |
| 26.25° | 52.2 | 53.0 | 53.8 | 54.6 | 55.3 | 56.0 | 56.9 | 58.4 | 59.7 | 61.6 | 65.3 |
| 25° | 52.8 | 53.6 | 54.4 | 55.2 | 55.9 | 56.8 | 58.3 | 59.7 | 61.9 | 65.8 | 69.6 |
| 23.75° | 53.3 | 54.1 | 54.9 | 55.8 | 56.5 | 58.1 | 59.6 | 61.6 | 65.8 | 69.9 | 74.0 |
| 22.5° | 53.8 | 54.7 | 55.5 | 56.3 | 57.7 | 59.3 | 61.0 | 65.3 | 69.6 | 74.0 | 78.9 |
| 21.25° | 54.3 | 55.2 | 56.0 | 57.1 | 58.8 | 60.5 | 64.4 | 68.9 | 73.5 | 78.6 | 83.5 |
| 20° | 54.8 | 55.7 | 56.5 | 58.2 | 59.9 | 63.0 | 67.8 | 72.4 | 77.7 | 82.9 | 88.9 |
| 18.75° | 55.2 | 56.1 | 57.4 | 59.2 | 61.2 | 66.1 | 71.0 | 76.2 | 81.8 | 87.4 | 96.5 |
| 17.5° | 55.7 | 56.6 | 58.4 | 60.2 | 64.1 | 69.1 | 74.2 | 80.0 | 85.6 | 94.0 | 115.9 |
| 16.25° | 56.1 | 57.4 | 59.2 | 61.6 | 66.7 | 71.8 | 77.6 | 83.5 | 91.0 | 108.5 | 152.1 |
| 15° | 56.4 | 58.2 | 60.0 | 64.0 | 69.2 | 74.8 | 80.9 | 87.0 | 98.3 | 130.5 | 198.4 |
| 13.75° | 57.0 | 58.9 | 60.8 | 66.2 | 71.6 | 77.7 | 83.9 | 92.1 | 113.5 | 168.3 | 253.6 |
| 12.5° | 57.6 | 59.6 | 62.8 | 68.3 | 74.0 | 80.3 | 86.7 | 98.8 | 135.8 | 211.7 | 311.2 |
| 11.25° | 58.2 | 60.2 | 64.7 | 70.2 | 76.3 | 82.8 | 90.8 | 111.3 | 166.9 | 257.2 | 366.8 |
| 10° | 58.7 | 60.7 | 66.3 | 72.0 | 78.4 | 85.0 | 94.6 | 124.0 | 199.9 | 303.5 | 421.4 |
| 8.75° | 59.2 | 62.1 | 67.8 | 73.6 | 80.3 | 87.2 | 102.2 | 148.1 | 235.3 | 346.9 | 470.8 |
| 7.5° | 59.6 | 63.3 | 69.1 | 75.2 | 82.0 | 90.1 | 110.6 | 169.2 | 266.5 | 386.4 | 514.4 |
| 6.25° | 60.0 | 64.3 | 70.2 | 76.6 | 83.4 | 92.5 | 117.9 | 189.0 | 297.1 | 421.8 | 551.8 |
| 5° | 60.3 | 65.2 | 71.1 | 77.7 | 84.6 | 94.5 | 126.9 | 210.0 | 322.8 | 451.2 | 582.9 |
| 3.75° | 60.5 | 65.9 | 71.8 | 78.6 | 85.5 | 96.5 | 138.0 | 226.4 | 343.0 | 474.2 | 607.3 |
| 2.5° | 60.7 | 66.4 | 72.3 | 79.2 | 86.2 | 99.7 | 146.0 | 238.2 | 357.5 | 490.8 | 624.9 |
| 1.25° | 60.8 | 66.7 | 72.6 | 79.6 | 86.6 | 101.6 | 150.8 | 245.3 | 366.3 | 500.8 | 635.5 |
| 0° | 60.8 | 66.8 | 72.7 | 79.7 | 86.7 | 102.3 | 152.5 | 247.7 | 369.2 | 504.2 | 639.1 |
| -1.25° | 60.8 | 66.7 | 72.6 | 79.6 | 86.6 | 101.6 | 150.8 | 245.3 | 366.3 | 500.8 | 635.5 |
| -2.5° | 60.7 | 66.4 | 72.3 | 79.2 | 86.2 | 99.7 | 146.0 | 238.2 | 357.5 | 490.8 | 624.9 |
| -3.75° | 60.5 | 65.9 | 71.8 | 78.6 | 85.5 | 96.5 | 138.0 | 226.4 | 343.0 | 474.2 | 607.3 |
| -5° | 60.3 | 65.2 | 71.1 | 77.7 | 84.6 | 94.5 | 126.9 | 210.0 | 322.8 | 451.2 | 582.9 |
| -6.25° | 60.0 | 64.3 | 70.2 | 76.6 | 83.4 | 92.5 | 117.9 | 189.0 | 297.1 | 421.8 | 551.8 |
| -7.5° | 59.6 | 63.3 | 69.1 | 75.2 | 82.0 | 90.1 | 110.6 | 169.2 | 266.5 | 386.4 | 514.4 |
| -8.75° | 59.2 | 62.1 | 67.8 | 73.6 | 80.3 | 87.2 | 102.2 | 148.1 | 235.3 | 346.9 | 470.8 |
| -10° | 58.7 | 60.7 | 66.3 | 72.0 | 78.4 | 85.0 | 94.6 | 124.0 | 199.9 | 303.5 | 421.4 |
| -11.25° | 58.2 | 60.2 | 64.7 | 70.2 | 76.3 | 82.8 | 90.8 | 111.3 | 166.9 | 257.2 | 366.8 |
| -12.5° | 57.6 | 59.6 | 62.8 | 68.3 | 74.0 | 80.3 | 86.7 | 98.8 | 135.8 | 211.7 | 311.2 |
| -13.75° | 57.0 | 58.9 | 60.8 | 66.2 | 71.6 | 77.7 | 83.9 | 92.1 | 113.5 | 168.3 | 253.6 |
| -15° | 56.4 | 58.2 | 60.0 | 64.0 | 69.2 | 74.8 | 80.9 | 87.0 | 98.3 | 130.5 | 198.4 |
| -16.25° | 56.1 | 57.4 | 59.2 | 61.6 | 66.7 | 71.8 | 77.6 | 83.5 | 91.0 | 108.5 | 152.1 |
| -17.5° | 55.7 | 56.6 | 58.4 | 60.2 | 64.1 | 69.1 | 74.2 | 80.0 | 85.6 | 94.0 | 115.9 |
| -18.75° | 55.2 | 56.1 | 57.4 | 59.2 | 61.2 | 66.1 | 71.0 | 76.2 | 81.8 | 87.4 | 96.5 |
| -20° | 54.8 | 55.7 | 56.5 | 58.2 | 59.9 | 63.0 | 67.8 | 72.4 | 77.7 | 82.9 | 88.9 |
| -21.25° | 54.3 | 55.2 | 56.0 | 57.1 | 58.8 | 60.5 | 64.4 | 68.9 | 73.5 | 78.6 | 83.5 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -22.5° | 53.8 | 54.7 | 55.5 | 56.3 | 57.7 | 59.3 | 61.0 | 65.3 | 69.6 | 74.0 | 78.9 |
| -23.75° | 53.3 | 54.1 | 54.9 | 55.8 | 56.5 | 58.1 | 59.6 | 61.6 | 65.8 | 69.9 | 74.0 |
| -25° | 52.8 | 53.6 | 54.4 | 55.2 | 55.9 | 56.8 | 58.3 | 59.7 | 61.9 | 65.8 | 69.6 |
| -26.25° | 52.2 | 53.0 | 53.8 | 54.6 | 55.3 | 56.0 | 56.9 | 58.4 | 59.7 | 61.6 | 65.3 |
| -27.5° | 51.6 | 52.4 | 53.2 | 53.9 | 54.7 | 55.4 | 56.1 | 56.9 | 58.3 | 59.6 | 61.0 |
| -28.75° | 51.1 | 51.8 | 52.6 | 53.3 | 54.0 | 54.7 | 55.4 | 56.0 | 56.8 | 58.1 | 59.3 |
| -30° | 50.5 | 51.2 | 51.9 | 52.6 | 53.3 | 54.0 | 54.7 | 55.3 | 55.9 | 56.5 | 57.7 |
| -31.25° | 49.8 | 50.6 | 51.3 | 51.9 | 52.6 | 53.3 | 53.9 | 54.6 | 55.2 | 55.8 | 56.3 |
| -32.5° | 49.2 | 49.9 | 50.6 | 51.3 | 51.9 | 52.6 | 53.2 | 53.8 | 54.4 | 54.9 | 55.5 |
| -33.75° | 48.6 | 49.2 | 49.9 | 50.6 | 51.2 | 51.8 | 52.4 | 53.0 | 53.6 | 54.1 | 54.7 |
| -35° | 48.0 | 48.6 | 49.2 | 49.8 | 50.5 | 51.1 | 51.6 | 52.2 | 52.8 | 53.3 | 53.8 |
| -36.25° | 47.6 | 48.0 | 48.5 | 49.1 | 49.7 | 50.3 | 50.9 | 51.4 | 51.9 | 52.5 | 53.0 |
| -37.5° | 47.1 | 47.5 | 47.9 | 48.4 | 49.0 | 49.5 | 50.1 | 50.6 | 51.1 | 51.6 | 52.1 |
| -38.75° | 46.8 | 47.0 | 47.4 | 47.8 | 48.2 | 48.7 | 49.3 | 49.8 | 50.3 | 50.8 | 51.2 |
| -40° | 46.8 | 46.8 | 46.9 | 47.3 | 47.7 | 48.0 | 48.5 | 49.0 | 49.4 | 49.9 | 50.3 |
| -41.25° | 46.8 | 46.8 | 46.8 | 46.8 | 47.2 | 47.5 | 47.8 | 48.1 | 48.6 | 49.0 | 49.5 |
| -42.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.3 | 47.6 | 47.9 | 48.2 | 48.6 |
| -43.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.3 | 47.6 | 47.8 |
| -45° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.2 |
| -46.25° | 46.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -47.5° | 46.1 | 46.4 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -48.75° | 45.6 | 45.9 | 46.2 | 46.4 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -50° | 44.3 | 45.2 | 45.7 | 45.9 | 46.2 | 46.4 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 |
| -51.25° | 42.7 | 43.6 | 44.4 | 45.3 | 45.7 | 45.9 | 46.1 | 46.4 | 46.6 | 46.8 | 46.8 |
| -52.5° | 41.2 | 42.0 | 42.8 | 43.6 | 44.4 | 45.1 | 45.6 | 45.8 | 46.0 | 46.2 | 46.4 |
| -53.75° | 39.9 | 40.5 | 41.2 | 41.9 | 42.6 | 43.4 | 44.0 | 44.7 | 45.3 | 45.6 | 45.8 |
| -55° | 38.5 | 39.2 | 39.8 | 40.4 | 41.0 | 41.6 | 42.3 | 42.9 | 43.5 | 44.1 | 44.7 |
| -56.25° | 36.8 | 37.8 | 38.4 | 39.0 | 39.6 | 40.1 | 40.6 | 41.1 | 41.7 | 42.2 | 42.8 |
| -57.5° | 34.7 | 35.6 | 36.6 | 37.5 | 38.1 | 38.6 | 39.1 | 39.6 | 40.1 | 40.5 | 41.0 |
| -58.75° | 32.5 | 33.4 | 34.3 | 35.2 | 36.0 | 36.8 | 37.6 | 38.1 | 38.6 | 39.0 | 39.4 |
| -60° | 30.4 | 31.2 | 32.1 | 32.9 | 33.7 | 34.4 | 35.2 | 35.9 | 36.6 | 37.2 | 37.8 |
| -61.25° | 28.2 | 29.0 | 29.8 | 30.6 | 31.3 | 32.1 | 32.8 | 33.4 | 34.1 | 34.7 | 35.3 |
| -62.5° | 26.1 | 26.8 | 27.5 | 28.3 | 29.0 | 29.7 | 30.4 | 31.0 | 31.6 | 32.2 | 32.8 |
| -63.75° | 24.1 | 24.8 | 25.4 | 26.0 | 26.6 | 27.3 | 27.9 | 28.6 | 29.1 | 29.7 | 30.2 |
| -65° | 22.2 | 22.8 | 23.4 | 24.0 | 24.6 | 25.1 | 25.7 | 26.2 | 26.6 | 27.2 | 27.7 |
| -66.25° | 20.5 | 21.0 | 21.5 | 22.0 | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 24.9 | 25.3 |
| -67.5° | 18.8 | 19.3 | 19.7 | 20.2 | 20.6 | 21.0 | 21.4 | 21.8 | 22.3 | 22.7 | 23.1 |
| -68.75° | 17.2 | 17.6 | 18.0 | 18.4 | 18.8 | 19.2 | 19.6 | 20.0 | 20.3 | 20.6 | 21.0 |
| -70° | 16.1 | 16.4 | 16.7 | 16.9 | 17.2 | 17.4 | 17.8 | 18.1 | 18.4 | 18.7 | 19.0 |
| -71.25° | 15.0 | 15.3 | 15.5 | 15.8 | 16.0 | 16.2 | 16.5 | 16.7 | 16.9 | 17.1 | 17.2 |
| -72.5° | 14.3 | 14.4 | 14.5 | 14.6 | 14.8 | 15.0 | 15.2 | 15.4 | 15.6 | 15.8 | 16.0 |
| -73.75° | 13.7 | 13.8 | 13.9 | 14.1 | 14.2 | 14.3 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 |
| -75° | 13.1 | 13.2 | 13.4 | 13.5 | 13.6 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.0 |
| -76.25° | 12.2 | 12.4 | 12.5 | 12.6 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 |
| -77.5° | 11.4 | 11.5 | 11.6 | 11.8 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 10.3 | 10.5 | 10.6 | 10.8 | 10.9 | 11.0 | 11.2 | 11.3 | 11.4 | 11.4 | 11.5 |
| -80° | 9.2 | 9.3 | 9.4 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 |
| -81.25° | 8.0 | 8.1 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.0 |
| -82.5° | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 |
| -83.75° | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.1 | 6.2 | 6.3 | 6.3 | 6.4 | 6.5 |
| -85° | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.7 | 4.8 | 4.9 | 4.9 | 5.0 | 5.1 |
| -86.25° | 2.9 | 3.0 | 3.0 | 3.1 | 3.1 | 3.2 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 |
| -87.5° | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -88.75° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 |
| 86.25° | 3.5 | 3.5 | 3.6 | 3.6 | 3.6 | 3.7 | 3.7 | 3.7 | 3.7 | 3.8 | 3.8 |
| 85° | 5.1 | 5.2 | 5.2 | 5.3 | 5.3 | 5.4 | 5.4 | 5.4 | 5.5 | 5.5 | 5.5 |
| 83.75° | 6.5 | 6.6 | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 |
| 82.5° | 7.8 | 7.9 | 8.0 | 8.0 | 8.1 | 8.1 | 8.2 | 8.2 | 8.2 | 8.3 | 8.3 |
| 81.25° | 9.1 | 9.2 | 9.3 | 9.3 | 9.4 | 9.5 | 9.5 | 9.6 | 9.6 | 9.6 | 9.7 |
| 80° | 10.4 | 10.5 | 10.6 | 10.7 | 10.7 | 10.8 | 10.9 | 10.9 | 11.0 | 11.0 | 11.1 |
| 78.75° | 11.6 | 11.7 | 11.7 | 11.8 | 11.9 | 11.9 | 12.0 | 12.0 | 12.1 | 12.1 | 12.1 |
| 77.5° | 12.6 | 12.7 | 12.7 | 12.8 | 12.9 | 12.9 | 13.0 | 13.0 | 13.1 | 13.1 | 13.2 |
| 76.25° | 13.5 | 13.5 | 13.6 | 13.6 | 13.7 | 13.7 | 13.8 | 13.8 | 13.8 | 13.9 | 13.9 |
| 75° | 14.1 | 14.2 | 14.2 | 14.3 | 14.4 | 14.4 | 14.5 | 14.5 | 14.5 | 14.6 | 14.6 |
| 73.75° | 14.8 | 15.0 | 15.1 | 15.2 | 15.4 | 15.5 | 15.6 | 15.7 | 15.7 | 15.8 | 15.9 |
| 72.5° | 16.1 | 16.3 | 16.4 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 |
| 71.25° | 17.4 | 17.6 | 17.9 | 18.1 | 18.3 | 18.5 | 18.7 | 18.8 | 19.0 | 19.1 | 19.2 |
| 70° | 19.3 | 19.6 | 19.8 | 20.1 | 20.3 | 20.5 | 20.7 | 20.9 | 21.0 | 21.2 | 21.3 |
| 68.75° | 21.3 | 21.6 | 21.8 | 22.1 | 22.4 | 22.7 | 22.9 | 23.1 | 23.3 | 23.5 | 23.6 |
| 67.5° | 23.5 | 23.8 | 24.1 | 24.5 | 24.7 | 25.0 | 25.3 | 25.5 | 25.7 | 25.9 | 26.1 |
| 66.25° | 25.7 | 26.1 | 26.4 | 26.8 | 27.2 | 27.5 | 27.8 | 28.1 | 28.3 | 28.5 | 28.7 |
| 65° | 28.2 | 28.6 | 29.0 | 29.4 | 29.8 | 30.2 | 30.5 | 30.8 | 31.1 | 31.3 | 31.5 |
| 63.75° | 30.7 | 31.2 | 31.7 | 32.1 | 32.5 | 32.9 | 33.2 | 33.5 | 33.8 | 34.0 | 34.3 |
| 62.5° | 33.3 | 33.8 | 34.3 | 34.7 | 35.1 | 35.5 | 35.9 | 36.2 | 36.5 | 36.8 | 37.0 |
| 61.25° | 35.9 | 36.4 | 36.9 | 37.4 | 37.8 | 38.1 | 38.3 | 38.5 | 38.7 | 38.9 | 39.0 |
| 60° | 38.2 | 38.5 | 38.9 | 39.2 | 39.5 | 39.7 | 40.0 | 40.2 | 40.4 | 40.6 | 40.8 |
| 58.75° | 39.8 | 40.1 | 40.5 | 40.8 | 41.1 | 41.4 | 41.7 | 42.0 | 42.3 | 42.5 | 42.7 |
| 57.5° | 41.4 | 41.8 | 42.3 | 42.7 | 43.1 | 43.4 | 43.8 | 44.1 | 44.3 | 44.6 | 44.8 |
| 56.25° | 43.3 | 43.8 | 44.2 | 44.7 | 45.1 | 45.4 | 45.6 | 45.7 | 45.8 | 45.8 | 45.9 |
| 55° | 45.2 | 45.6 | 45.7 | 45.8 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 |
| 53.75° | 46.0 | 46.2 | 46.3 | 46.5 | 46.6 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 52.5° | 46.6 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 51.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 50° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 48.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.1 | 47.2 |
| 47.5° | 46.8 | 46.8 | 46.8 | 46.9 | 47.0 | 47.2 | 47.4 | 47.5 | 47.6 | 47.8 | 47.9 |
| 46.25° | 46.9 | 47.1 | 47.3 | 47.5 | 47.7 | 47.9 | 48.0 | 48.2 | 48.4 | 48.6 | 48.7 |
| 45° | 47.5 | 47.7 | 47.9 | 48.1 | 48.4 | 48.7 | 48.9 | 49.2 | 49.4 | 49.6 | 49.7 |
| 43.75° | 48.1 | 48.4 | 48.8 | 49.1 | 49.4 | 49.7 | 49.9 | 50.2 | 50.4 | 50.6 | 50.8 |
| 42.5° | 49.0 | 49.3 | 49.7 | 50.0 | 50.3 | 50.6 | 50.9 | 51.2 | 51.4 | 51.6 | 51.8 |
| 41.25° | 49.9 | 50.3 | 50.6 | 51.0 | 51.3 | 51.6 | 51.9 | 52.2 | 52.4 | 52.6 | 52.8 |
| 40° | 50.8 | 51.2 | 51.6 | 51.9 | 52.3 | 52.6 | 52.9 | 53.2 | 53.4 | 53.6 | 53.8 |
| 38.75° | 51.7 | 52.1 | 52.5 | 52.9 | 53.2 | 53.6 | 53.9 | 54.2 | 54.4 | 54.6 | 54.9 |
| 37.5° | 52.6 | 53.0 | 53.4 | 53.8 | 54.2 | 54.5 | 54.8 | 55.1 | 55.4 | 55.7 | 55.9 |
| 36.25° | 53.4 | 53.9 | 54.3 | 54.7 | 55.1 | 55.5 | 55.8 | 56.1 | 56.4 | 56.7 | 57.2 |
| 35° | 54.3 | 54.8 | 55.2 | 55.7 | 56.1 | 56.4 | 57.0 | 57.6 | 58.2 | 58.7 | 59.2 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|-------|---------|--------|---------|--------|---------|--------|---------|--------|--------|
| 33.75° | 55.2 | 55.7 | 56.1 | 56.6 | 57.4 | 58.2 | 58.9 | 59.6 | 60.2 | 60.7 | 62.1 |
| 32.5° | 56.0 | 56.5 | 57.4 | 58.4 | 59.2 | 60.0 | 60.8 | 62.8 | 64.7 | 66.3 | 67.8 |
| 31.25° | 57.1 | 58.2 | 59.2 | 60.2 | 61.6 | 64.0 | 66.2 | 68.3 | 70.2 | 72.0 | 73.6 |
| 30° | 58.8 | 59.9 | 61.2 | 64.1 | 66.7 | 69.2 | 71.6 | 74.0 | 76.3 | 78.4 | 80.3 |
| 28.75° | 60.5 | 63.0 | 66.1 | 69.1 | 71.8 | 74.8 | 77.7 | 80.3 | 82.8 | 85.0 | 87.2 |
| 27.5° | 64.4 | 67.8 | 71.0 | 74.2 | 77.6 | 80.9 | 83.9 | 86.7 | 90.8 | 94.6 | 102.2 |
| 26.25° | 68.9 | 72.4 | 76.2 | 80.0 | 83.5 | 87.0 | 92.1 | 98.8 | 111.3 | 124.0 | 148.1 |
| 25° | 73.5 | 77.7 | 81.8 | 85.6 | 91.0 | 98.3 | 113.5 | 135.8 | 166.9 | 199.9 | 235.3 |
| 23.75° | 78.6 | 82.9 | 87.4 | 94.0 | 108.5 | 130.5 | 168.3 | 211.7 | 257.2 | 303.5 | 346.9 |
| 22.5° | 83.5 | 88.9 | 96.5 | 115.9 | 152.1 | 198.4 | 253.6 | 311.2 | 366.8 | 421.4 | 470.8 |
| 21.25° | 89.4 | 99.4 | 120.4 | 166.7 | 224.4 | 288.3 | 355.6 | 422.5 | 485.6 | 543.4 | 595.5 |
| 20° | 99.4 | 122.3 | 174.0 | 240.2 | 313.4 | 389.3 | 465.3 | 536.7 | 603.1 | 654.4 | 688.1 |
| 18.75° | 120.4 | 174.0 | 245.5 | 326.1 | 410.4 | 494.2 | 573.9 | 645.1 | 687.8 | 727.2 | 762.9 |
| 17.5° | 166.7 | 240.2 | 326.1 | 417.4 | 508.8 | 596.5 | 664.1 | 712.3 | 757.3 | 799.0 | 830.5 |
| 16.25° | 224.4 | 313.4 | 410.4 | 508.8 | 604.0 | 673.6 | 727.1 | 777.8 | 821.3 | 856.8 | 895.9 |
| 15° | 288.3 | 389.3 | 494.2 | 596.5 | 673.6 | 732.1 | 788.2 | 834.2 | 878.4 | 924.3 | 972.4 |
| 13.75° | 355.6 | 465.3 | 573.9 | 664.1 | 727.1 | 788.2 | 838.6 | 889.4 | 944.1 | 1001.2 | 1069.9 |
| 12.5° | 422.5 | 536.7 | 645.1 | 712.3 | 777.8 | 834.2 | 889.4 | 950.7 | 1019.8 | 1101.2 | 1210.4 |
| 11.25° | 485.6 | 603.1 | 687.8 | 757.3 | 821.3 | 878.4 | 944.1 | 1019.8 | 1115.9 | 1241.3 | 1386.0 |
| 10° | 543.4 | 654.4 | 727.2 | 799.0 | 856.8 | 924.3 | 1001.2 | 1101.2 | 1241.3 | 1406.4 | 1602.6 |
| 8.75° | 595.5 | 688.1 | 762.9 | 830.5 | 895.9 | 972.4 | 1069.9 | 1210.4 | 1386.0 | 1602.6 | 1862.3 |
| 7.5° | 640.6 | 717.9 | 794.6 | 857.7 | 932.4 | 1022.3 | 1149.9 | 1325.7 | 1546.4 | 1823.6 | 2174.5 |
| 6.25° | 664.9 | 743.7 | 818.5 | 886.3 | 967.5 | 1072.9 | 1231.0 | 1437.0 | 1709.9 | 2062.3 | 2532.7 |
| 5° | 685.1 | 765.1 | 837.0 | 910.1 | 997.5 | 1125.5 | 1313.2 | 1557.4 | 1878.2 | 2314.2 | 2913.5 |
| 3.75° | 700.9 | 782.0 | 851.5 | 930.1 | 1028.9 | 1176.0 | 1381.3 | 1654.2 | 2031.0 | 2569.9 | 3298.9 |
| 2.5° | 712.4 | 794.2 | 863.1 | 945.9 | 1051.7 | 1212.8 | 1432.7 | 1742.4 | 2168.1 | 2779.2 | 3596.0 |
| 1.25° | 719.3 | 801.6 | 870.8 | 955.4 | 1065.5 | 1235.1 | 1472.1 | 1797.9 | 2252.2 | 2908.5 | 3797.6 |
| 0° | 721.6 | 804.1 | 873.4 | 958.7 | 1070.2 | 1242.6 | 1485.4 | 1816.7 | 2280.6 | 2952.2 | 3869.5 |
| -1.25° | 719.3 | 801.6 | 870.8 | 955.4 | 1065.5 | 1235.1 | 1472.1 | 1797.9 | 2252.2 | 2908.5 | 3797.6 |
| -2.5° | 712.4 | 794.2 | 863.1 | 945.9 | 1051.7 | 1212.8 | 1432.7 | 1742.4 | 2168.1 | 2779.2 | 3596.0 |
| -3.75° | 700.9 | 782.0 | 851.5 | 930.1 | 1028.9 | 1176.0 | 1381.3 | 1654.2 | 2031.0 | 2569.9 | 3298.9 |
| -5° | 685.1 | 765.1 | 837.0 | 910.1 | 997.5 | 1125.5 | 1313.2 | 1557.4 | 1878.2 | 2314.2 | 2913.5 |
| -6.25° | 664.9 | 743.7 | 818.5 | 886.3 | 967.5 | 1072.9 | 1231.0 | 1437.0 | 1709.9 | 2062.3 | 2532.7 |
| -7.5° | 640.6 | 717.9 | 794.6 | 857.7 | 932.4 | 1022.3 | 1149.9 | 1325.7 | 1546.4 | 1823.6 | 2174.5 |
| -8.75° | 595.5 | 688.1 | 762.9 | 830.5 | 895.9 | 972.4 | 1069.9 | 1210.4 | 1386.0 | 1602.6 | 1862.3 |
| -10° | 543.4 | 654.4 | 727.2 | 799.0 | 856.8 | 924.3 | 1001.2 | 1101.2 | 1241.3 | 1406.4 | 1602.6 |
| -11.25° | 485.6 | 603.1 | 687.8 | 757.3 | 821.3 | 878.4 | 944.1 | 1019.8 | 1115.9 | 1241.3 | 1386.0 |
| -12.5° | 422.5 | 536.7 | 645.1 | 712.3 | 777.8 | 834.2 | 889.4 | 950.7 | 1019.8 | 1101.2 | 1210.4 |
| -13.75° | 355.6 | 465.3 | 573.9 | 664.1 | 727.1 | 788.2 | 838.6 | 889.4 | 944.1 | 1001.2 | 1069.9 |
| -15° | 288.3 | 389.3 | 494.2 | 596.5 | 673.6 | 732.1 | 788.2 | 834.2 | 878.4 | 924.3 | 972.4 |
| -16.25° | 224.4 | 313.4 | 410.4 | 508.8 | 604.0 | 673.6 | 727.1 | 777.8 | 821.3 | 856.8 | 895.9 |
| -17.5° | 166.7 | 240.2 | 326.1 | 417.4 | 508.8 | 596.5 | 664.1 | 712.3 | 757.3 | 799.0 | 830.5 |
| -18.75° | 120.4 | 174.0 | 245.5 | 326.1 | 410.4 | 494.2 | 573.9 | 645.1 | 687.8 | 727.2 | 762.9 |
| -20° | 99.4 | 122.3 | 174.0 | 240.2 | 313.4 | 389.3 | 465.3 | 536.7 | 603.1 | 654.4 | 688.1 |
| -21.25° | 89.4 | 99.4 | 120.4 | 166.7 | 224.4 | 288.3 | 355.6 | 422.5 | 485.6 | 543.4 | 595.5 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|-------|---------|--------|---------|-------|--------|
| -22.5° | 83.5 | 88.9 | 96.5 | 115.9 | 152.1 | 198.4 | 253.6 | 311.2 | 366.8 | 421.4 | 470.8 |
| -23.75° | 78.6 | 82.9 | 87.4 | 94.0 | 108.5 | 130.5 | 168.3 | 211.7 | 257.2 | 303.5 | 346.9 |
| -25° | 73.5 | 77.7 | 81.8 | 85.6 | 91.0 | 98.3 | 113.5 | 135.8 | 166.9 | 199.9 | 235.3 |
| -26.25° | 68.9 | 72.4 | 76.2 | 80.0 | 83.5 | 87.0 | 92.1 | 98.8 | 111.3 | 124.0 | 148.1 |
| -27.5° | 64.4 | 67.8 | 71.0 | 74.2 | 77.6 | 80.9 | 83.9 | 86.7 | 90.8 | 94.6 | 102.2 |
| -28.75° | 60.5 | 63.0 | 66.1 | 69.1 | 71.8 | 74.8 | 77.7 | 80.3 | 82.8 | 85.0 | 87.2 |
| -30° | 58.8 | 59.9 | 61.2 | 64.1 | 66.7 | 69.2 | 71.6 | 74.0 | 76.3 | 78.4 | 80.3 |
| -31.25° | 57.1 | 58.2 | 59.2 | 60.2 | 61.6 | 64.0 | 66.2 | 68.3 | 70.2 | 72.0 | 73.6 |
| -32.5° | 56.0 | 56.5 | 57.4 | 58.4 | 59.2 | 60.0 | 60.8 | 62.8 | 64.7 | 66.3 | 67.8 |
| -33.75° | 55.2 | 55.7 | 56.1 | 56.6 | 57.4 | 58.2 | 58.9 | 59.6 | 60.2 | 60.7 | 62.1 |
| -35° | 54.3 | 54.8 | 55.2 | 55.7 | 56.1 | 56.4 | 57.0 | 57.6 | 58.2 | 58.7 | 59.2 |
| -36.25° | 53.4 | 53.9 | 54.3 | 54.7 | 55.1 | 55.5 | 55.8 | 56.1 | 56.4 | 56.7 | 57.2 |
| -37.5° | 52.6 | 53.0 | 53.4 | 53.8 | 54.2 | 54.5 | 54.8 | 55.1 | 55.4 | 55.7 | 55.9 |
| -38.75° | 51.7 | 52.1 | 52.5 | 52.9 | 53.2 | 53.6 | 53.9 | 54.2 | 54.4 | 54.6 | 54.9 |
| -40° | 50.8 | 51.2 | 51.6 | 51.9 | 52.3 | 52.6 | 52.9 | 53.2 | 53.4 | 53.6 | 53.8 |
| -41.25° | 49.9 | 50.3 | 50.6 | 51.0 | 51.3 | 51.6 | 51.9 | 52.2 | 52.4 | 52.6 | 52.8 |
| -42.5° | 49.0 | 49.3 | 49.7 | 50.0 | 50.3 | 50.6 | 50.9 | 51.2 | 51.4 | 51.6 | 51.8 |
| -43.75° | 48.1 | 48.4 | 48.8 | 49.1 | 49.4 | 49.7 | 49.9 | 50.2 | 50.4 | 50.6 | 50.8 |
| -45° | 47.5 | 47.7 | 47.9 | 48.1 | 48.4 | 48.7 | 48.9 | 49.2 | 49.4 | 49.6 | 49.7 |
| -46.25° | 46.9 | 47.1 | 47.3 | 47.5 | 47.7 | 47.9 | 48.0 | 48.2 | 48.4 | 48.6 | 48.7 |
| -47.5° | 46.8 | 46.8 | 46.8 | 46.9 | 47.0 | 47.2 | 47.4 | 47.5 | 47.6 | 47.8 | 47.9 |
| -48.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 47.0 | 47.1 | 47.2 |
| -50° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -51.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -52.5° | 46.6 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -53.75° | 46.0 | 46.2 | 46.3 | 46.5 | 46.6 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -55° | 45.2 | 45.6 | 45.7 | 45.8 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 |
| -56.25° | 43.3 | 43.8 | 44.2 | 44.7 | 45.1 | 45.4 | 45.6 | 45.7 | 45.8 | 45.8 | 45.9 |
| -57.5° | 41.4 | 41.8 | 42.3 | 42.7 | 43.1 | 43.4 | 43.8 | 44.1 | 44.3 | 44.6 | 44.8 |
| -58.75° | 39.8 | 40.1 | 40.5 | 40.8 | 41.1 | 41.4 | 41.7 | 42.0 | 42.3 | 42.5 | 42.7 |
| -60° | 38.2 | 38.5 | 38.9 | 39.2 | 39.5 | 39.7 | 40.0 | 40.2 | 40.4 | 40.6 | 40.8 |
| -61.25° | 35.9 | 36.4 | 36.9 | 37.4 | 37.8 | 38.1 | 38.3 | 38.5 | 38.7 | 38.9 | 39.0 |
| -62.5° | 33.3 | 33.8 | 34.3 | 34.7 | 35.1 | 35.5 | 35.9 | 36.2 | 36.5 | 36.8 | 37.0 |
| -63.75° | 30.7 | 31.2 | 31.7 | 32.1 | 32.5 | 32.9 | 33.2 | 33.5 | 33.8 | 34.0 | 34.3 |
| -65° | 28.2 | 28.6 | 29.0 | 29.4 | 29.8 | 30.2 | 30.5 | 30.8 | 31.1 | 31.3 | 31.5 |
| -66.25° | 25.7 | 26.1 | 26.4 | 26.8 | 27.2 | 27.5 | 27.8 | 28.1 | 28.3 | 28.5 | 28.7 |
| -67.5° | 23.5 | 23.8 | 24.1 | 24.5 | 24.7 | 25.0 | 25.3 | 25.5 | 25.7 | 25.9 | 26.1 |
| -68.75° | 21.3 | 21.6 | 21.8 | 22.1 | 22.4 | 22.7 | 22.9 | 23.1 | 23.3 | 23.5 | 23.6 |
| -70° | 19.3 | 19.6 | 19.8 | 20.1 | 20.3 | 20.5 | 20.7 | 20.9 | 21.0 | 21.2 | 21.3 |
| -71.25° | 17.4 | 17.6 | 17.9 | 18.1 | 18.3 | 18.5 | 18.7 | 18.8 | 19.0 | 19.1 | 19.2 |
| -72.5° | 16.1 | 16.3 | 16.4 | 16.6 | 16.7 | 16.8 | 16.9 | 17.0 | 17.1 | 17.2 | 17.3 |
| -73.75° | 14.8 | 15.0 | 15.1 | 15.2 | 15.4 | 15.5 | 15.6 | 15.7 | 15.7 | 15.8 | 15.9 |
| -75° | 14.1 | 14.2 | 14.2 | 14.3 | 14.4 | 14.4 | 14.5 | 14.5 | 14.5 | 14.6 | 14.6 |
| -76.25° | 13.5 | 13.5 | 13.6 | 13.6 | 13.7 | 13.7 | 13.8 | 13.8 | 13.8 | 13.9 | 13.9 |
| -77.5° | 12.6 | 12.7 | 12.7 | 12.8 | 12.9 | 12.9 | 13.0 | 13.0 | 13.1 | 13.1 | 13.2 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -78.75° | 11.6 | 11.7 | 11.7 | 11.8 | 11.9 | 11.9 | 12.0 | 12.0 | 12.1 | 12.1 | 12.1 |
| -80° | 10.4 | 10.5 | 10.6 | 10.7 | 10.7 | 10.8 | 10.9 | 10.9 | 11.0 | 11.0 | 11.1 |
| -81.25° | 9.1 | 9.2 | 9.3 | 9.3 | 9.4 | 9.5 | 9.5 | 9.6 | 9.6 | 9.6 | 9.7 |
| -82.5° | 7.8 | 7.9 | 8.0 | 8.0 | 8.1 | 8.1 | 8.2 | 8.2 | 8.2 | 8.3 | 8.3 |
| -83.75° | 6.5 | 6.6 | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 |
| -85° | 5.1 | 5.2 | 5.2 | 5.3 | 5.3 | 5.4 | 5.4 | 5.4 | 5.5 | 5.5 | 5.5 |
| -86.25° | 3.5 | 3.5 | 3.6 | 3.6 | 3.6 | 3.7 | 3.7 | 3.7 | 3.7 | 3.8 | 3.8 |
| -87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 |
| -88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|--------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 87.5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| 86.25° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 |
| 85° | 5.5 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 |
| 83.75° | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| 82.5° | 8.3 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| 81.25° | 9.7 | 9.7 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| 80° | 11.1 | 11.1 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 |
| 78.75° | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.3 | 12.2 | 12.2 | 12.2 | 12.2 |
| 77.5° | 13.2 | 13.2 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 |
| 76.25° | 13.9 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| 75° | 14.6 | 14.6 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 |
| 73.75° | 15.9 | 16.0 | 16.0 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.0 |
| 72.5° | 17.3 | 17.4 | 17.4 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.4 |
| 71.25° | 19.3 | 19.4 | 19.5 | 19.5 | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 19.5 | 19.5 |
| 70° | 21.4 | 21.5 | 21.6 | 21.6 | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 21.6 | 21.6 |
| 68.75° | 23.8 | 23.9 | 24.0 | 24.1 | 24.1 | 24.1 | 24.2 | 24.1 | 24.1 | 24.1 | 24.0 |
| 67.5° | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.6 | 26.6 | 26.6 | 26.6 | 26.5 | 26.4 |
| 66.25° | 28.9 | 29.1 | 29.2 | 29.3 | 29.3 | 29.4 | 29.4 | 29.4 | 29.3 | 29.3 | 29.2 |
| 65° | 31.7 | 31.8 | 32.0 | 32.1 | 32.1 | 32.2 | 32.2 | 32.2 | 32.1 | 32.1 | 32.0 |
| 63.75° | 34.5 | 34.6 | 34.8 | 34.9 | 34.9 | 35.0 | 35.0 | 35.0 | 34.9 | 34.9 | 34.8 |
| 62.5° | 37.2 | 37.4 | 37.5 | 37.7 | 37.7 | 37.8 | 37.8 | 37.8 | 37.7 | 37.7 | 37.5 |
| 61.25° | 39.2 | 39.3 | 39.4 | 39.5 | 39.5 | 39.5 | 39.6 | 39.5 | 39.5 | 39.5 | 39.4 |
| 60° | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.2 | 41.1 |
| 58.75° | 42.9 | 43.1 | 43.2 | 43.3 | 43.3 | 43.4 | 43.4 | 43.4 | 43.3 | 43.3 | 43.2 |
| 57.5° | 45.0 | 45.1 | 45.3 | 45.4 | 45.4 | 45.5 | 45.5 | 45.5 | 45.4 | 45.4 | 45.3 |
| 56.25° | 46.0 | 46.0 | 46.1 | 46.1 | 46.1 | 46.1 | 46.2 | 46.1 | 46.1 | 46.1 | 46.1 |
| 55° | 46.6 | 46.7 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 |
| 53.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 52.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 51.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 50° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 48.75° | 47.3 | 47.3 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.4 | 47.4 |
| 47.5° | 47.9 | 48.0 | 48.1 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.1 | 48.1 |
| 46.25° | 48.9 | 49.0 | 49.1 | 49.2 | 49.2 | 49.2 | 49.3 | 49.2 | 49.2 | 49.2 | 49.1 |
| 45° | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.2 | 50.1 |
| 43.75° | 50.9 | 51.1 | 51.2 | 51.2 | 51.3 | 51.3 | 51.4 | 51.3 | 51.3 | 51.2 | 51.2 |
| 42.5° | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.3 | 52.2 |
| 41.25° | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.4 | 53.5 | 53.4 | 53.4 | 53.3 | 53.2 |
| 40° | 54.0 | 54.2 | 54.3 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.4 | 54.4 | 54.3 |
| 38.75° | 55.0 | 55.2 | 55.3 | 55.4 | 55.5 | 55.5 | 55.6 | 55.5 | 55.5 | 55.4 | 55.3 |
| 37.5° | 56.1 | 56.2 | 56.4 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.5 | 56.5 | 56.4 |
| 36.25° | 57.6 | 57.9 | 58.2 | 58.4 | 58.6 | 58.7 | 58.7 | 58.7 | 58.6 | 58.4 | 58.2 |
| 35° | 59.6 | 60.0 | 60.3 | 60.5 | 60.7 | 60.8 | 60.8 | 60.8 | 60.7 | 60.5 | 60.3 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 33.75° | 63.3 | 64.3 | 65.2 | 65.9 | 66.4 | 66.7 | 66.8 | 66.7 | 66.4 | 65.9 | 65.2 |
| 32.5° | 69.1 | 70.2 | 71.1 | 71.8 | 72.3 | 72.6 | 72.7 | 72.6 | 72.3 | 71.8 | 71.1 |
| 31.25° | 75.2 | 76.6 | 77.7 | 78.6 | 79.2 | 79.6 | 79.7 | 79.6 | 79.2 | 78.6 | 77.7 |
| 30° | 82.0 | 83.4 | 84.6 | 85.5 | 86.2 | 86.6 | 86.7 | 86.6 | 86.2 | 85.5 | 84.6 |
| 28.75° | 90.1 | 92.5 | 94.5 | 96.5 | 99.7 | 101.6 | 102.3 | 101.6 | 99.7 | 96.5 | 94.5 |
| 27.5° | 110.6 | 117.9 | 126.9 | 138.0 | 146.0 | 150.8 | 152.5 | 150.8 | 146.0 | 138.0 | 126.9 |
| 26.25° | 169.2 | 189.0 | 210.0 | 226.4 | 238.2 | 245.3 | 247.7 | 245.3 | 238.2 | 226.4 | 210.0 |
| 25° | 266.5 | 297.1 | 322.8 | 343.0 | 357.5 | 366.3 | 369.2 | 366.3 | 357.5 | 343.0 | 322.8 |
| 23.75° | 386.4 | 421.8 | 451.2 | 474.2 | 490.8 | 500.8 | 504.2 | 500.8 | 490.8 | 474.2 | 451.2 |
| 22.5° | 514.4 | 551.8 | 582.9 | 607.3 | 624.9 | 635.5 | 639.1 | 635.5 | 624.9 | 607.3 | 582.9 |
| 21.25° | 640.6 | 664.9 | 685.1 | 700.9 | 712.4 | 719.3 | 721.6 | 719.3 | 712.4 | 700.9 | 685.1 |
| 20° | 717.9 | 743.7 | 765.1 | 782.0 | 794.2 | 801.6 | 804.1 | 801.6 | 794.2 | 782.0 | 765.1 |
| 18.75° | 794.6 | 818.5 | 837.0 | 851.5 | 863.1 | 870.8 | 873.4 | 870.8 | 863.1 | 851.5 | 837.0 |
| 17.5° | 857.7 | 886.3 | 910.1 | 930.1 | 945.9 | 955.4 | 958.7 | 955.4 | 945.9 | 930.1 | 910.1 |
| 16.25° | 932.4 | 967.5 | 997.5 | 1028.9 | 1051.7 | 1065.5 | 1070.2 | 1065.5 | 1051.7 | 1028.9 | 997.5 |
| 15° | 1022.3 | 1072.9 | 1125.5 | 1176.0 | 1212.8 | 1235.1 | 1242.6 | 1235.1 | 1212.8 | 1176.0 | 1125.5 |
| 13.75° | 1149.9 | 1231.0 | 1313.2 | 1381.3 | 1432.7 | 1472.1 | 1485.4 | 1472.1 | 1432.7 | 1381.3 | 1313.2 |
| 12.5° | 1325.7 | 1437.0 | 1557.4 | 1654.2 | 1742.4 | 1797.9 | 1816.7 | 1797.9 | 1742.4 | 1654.2 | 1557.4 |
| 11.25° | 1546.4 | 1709.9 | 1878.2 | 2031.0 | 2168.1 | 2252.2 | 2280.6 | 2252.2 | 2168.1 | 2031.0 | 1878.2 |
| 10° | 1823.6 | 2062.3 | 2314.2 | 2569.9 | 2779.2 | 2908.5 | 2952.2 | 2908.5 | 2779.2 | 2569.9 | 2314.2 |
| 8.75° | 2174.5 | 2532.7 | 2913.5 | 3298.9 | 3596.0 | 3797.6 | 3869.5 | 3797.6 | 3596.0 | 3298.9 | 2913.5 |
| 7.5° | 2616.4 | 3129.6 | 3661.3 | 4171.0 | 4565.8 | 4828.3 | 4918.2 | 4828.3 | 4565.8 | 4171.0 | 3661.3 |
| 6.25° | 3129.6 | 3804.2 | 4483.5 | 5106.0 | 5588.5 | 5896.5 | 6003.0 | 5896.5 | 5588.5 | 5106.0 | 4483.5 |
| 5° | 3661.3 | 4483.5 | 5296.7 | 6005.5 | 6558.4 | 6917.5 | 7044.2 | 6917.5 | 6558.4 | 6005.5 | 5296.7 |
| 3.75° | 4171.0 | 5106.0 | 6005.5 | 6795.5 | 7400.1 | 7792.8 | 7913.6 | 7792.8 | 7400.1 | 6795.5 | 6005.5 |
| 2.5° | 4565.8 | 5588.5 | 6558.4 | 7400.1 | 8041.8 | 8451.8 | 8582.6 | 8451.8 | 8041.8 | 7400.1 | 6558.4 |
| 1.25° | 4828.3 | 5896.5 | 6917.5 | 7792.8 | 8451.8 | 8869.2 | 9014.0 | 8869.2 | 8451.8 | 7792.8 | 6917.5 |
| 0° | 4918.2 | 6003.0 | 7044.2 | 7913.6 | 8582.6 | 9014.0 | 9204.2 | 9014.0 | 8582.6 | 7913.6 | 7044.2 |
| -1.25° | 4828.3 | 5896.5 | 6917.5 | 7792.8 | 8451.8 | 8869.2 | 9014.0 | 8869.2 | 8451.8 | 7792.8 | 6917.5 |
| -2.5° | 4565.8 | 5588.5 | 6558.4 | 7400.1 | 8041.8 | 8451.8 | 8582.6 | 8451.8 | 8041.8 | 7400.1 | 6558.4 |
| -3.75° | 4171.0 | 5106.0 | 6005.5 | 6795.5 | 7400.1 | 7792.8 | 7913.6 | 7792.8 | 7400.1 | 6795.5 | 6005.5 |
| -5° | 3661.3 | 4483.5 | 5296.7 | 6005.5 | 6558.4 | 6917.5 | 7044.2 | 6917.5 | 6558.4 | 6005.5 | 5296.7 |
| -6.25° | 3129.6 | 3804.2 | 4483.5 | 5106.0 | 5588.5 | 5896.5 | 6003.0 | 5896.5 | 5588.5 | 5106.0 | 4483.5 |
| -7.5° | 2616.4 | 3129.6 | 3661.3 | 4171.0 | 4565.8 | 4828.3 | 4918.2 | 4828.3 | 4565.8 | 4171.0 | 3661.3 |
| -8.75° | 2174.5 | 2532.7 | 2913.5 | 3298.9 | 3596.0 | 3797.6 | 3869.5 | 3797.6 | 3596.0 | 3298.9 | 2913.5 |
| -10° | 1823.6 | 2062.3 | 2314.2 | 2569.9 | 2779.2 | 2908.5 | 2952.2 | 2908.5 | 2779.2 | 2569.9 | 2314.2 |
| -11.25° | 1546.4 | 1709.9 | 1878.2 | 2031.0 | 2168.1 | 2252.2 | 2280.6 | 2252.2 | 2168.1 | 2031.0 | 1878.2 |
| -12.5° | 1325.7 | 1437.0 | 1557.4 | 1654.2 | 1742.4 | 1797.9 | 1816.7 | 1797.9 | 1742.4 | 1654.2 | 1557.4 |
| -13.75° | 1149.9 | 1231.0 | 1313.2 | 1381.3 | 1432.7 | 1472.1 | 1485.4 | 1472.1 | 1432.7 | 1381.3 | 1313.2 |
| -15° | 1022.3 | 1072.9 | 1125.5 | 1176.0 | 1212.8 | 1235.1 | 1242.6 | 1235.1 | 1212.8 | 1176.0 | 1125.5 |
| -16.25° | 932.4 | 967.5 | 997.5 | 1028.9 | 1051.7 | 1065.5 | 1070.2 | 1065.5 | 1051.7 | 1028.9 | 997.5 |
| -17.5° | 857.7 | 886.3 | 910.1 | 930.1 | 945.9 | 955.4 | 958.7 | 955.4 | 945.9 | 930.1 | 910.1 |
| -18.75° | 794.6 | 818.5 | 837.0 | 851.5 | 863.1 | 870.8 | 873.4 | 870.8 | 863.1 | 851.5 | 837.0 |
| -20° | 717.9 | 743.7 | 765.1 | 782.0 | 794.2 | 801.6 | 804.1 | 801.6 | 794.2 | 782.0 | 765.1 |
| -21.25° | 640.6 | 664.9 | 685.1 | 700.9 | 712.4 | 719.3 | 721.6 | 719.3 | 712.4 | 700.9 | 685.1 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|
| -22.5° | 514.4 | 551.8 | 582.9 | 607.3 | 624.9 | 635.5 | 639.1 | 635.5 | 624.9 | 607.3 | 582.9 |
| -23.75° | 386.4 | 421.8 | 451.2 | 474.2 | 490.8 | 500.8 | 504.2 | 500.8 | 490.8 | 474.2 | 451.2 |
| -25° | 266.5 | 297.1 | 322.8 | 343.0 | 357.5 | 366.3 | 369.2 | 366.3 | 357.5 | 343.0 | 322.8 |
| -26.25° | 169.2 | 189.0 | 210.0 | 226.4 | 238.2 | 245.3 | 247.7 | 245.3 | 238.2 | 226.4 | 210.0 |
| -27.5° | 110.6 | 117.9 | 126.9 | 138.0 | 146.0 | 150.8 | 152.5 | 150.8 | 146.0 | 138.0 | 126.9 |
| -28.75° | 90.1 | 92.5 | 94.5 | 96.5 | 99.7 | 101.6 | 102.3 | 101.6 | 99.7 | 96.5 | 94.5 |
| -30° | 82.0 | 83.4 | 84.6 | 85.5 | 86.2 | 86.6 | 86.7 | 86.6 | 86.2 | 85.5 | 84.6 |
| -31.25° | 75.2 | 76.6 | 77.7 | 78.6 | 79.2 | 79.6 | 79.7 | 79.6 | 79.2 | 78.6 | 77.7 |
| -32.5° | 69.1 | 70.2 | 71.1 | 71.8 | 72.3 | 72.6 | 72.7 | 72.6 | 72.3 | 71.8 | 71.1 |
| -33.75° | 63.3 | 64.3 | 65.2 | 65.9 | 66.4 | 66.7 | 66.8 | 66.7 | 66.4 | 65.9 | 65.2 |
| -35° | 59.6 | 60.0 | 60.3 | 60.5 | 60.7 | 60.8 | 60.8 | 60.8 | 60.7 | 60.5 | 60.3 |
| -36.25° | 57.6 | 57.9 | 58.2 | 58.4 | 58.6 | 58.7 | 58.7 | 58.7 | 58.6 | 58.4 | 58.2 |
| -37.5° | 56.1 | 56.2 | 56.4 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.5 | 56.5 | 56.4 |
| -38.75° | 55.0 | 55.2 | 55.3 | 55.4 | 55.5 | 55.5 | 55.6 | 55.5 | 55.5 | 55.4 | 55.3 |
| -40° | 54.0 | 54.2 | 54.3 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.4 | 54.4 | 54.3 |
| -41.25° | 53.0 | 53.1 | 53.2 | 53.3 | 53.4 | 53.4 | 53.5 | 53.4 | 53.4 | 53.3 | 53.2 |
| -42.5° | 52.0 | 52.1 | 52.2 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.3 | 52.2 |
| -43.75° | 50.9 | 51.1 | 51.2 | 51.2 | 51.3 | 51.3 | 51.4 | 51.3 | 51.3 | 51.2 | 51.2 |
| -45° | 49.9 | 50.0 | 50.1 | 50.2 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.2 | 50.1 |
| -46.25° | 48.9 | 49.0 | 49.1 | 49.2 | 49.2 | 49.2 | 49.3 | 49.2 | 49.2 | 49.2 | 49.1 |
| -47.5° | 47.9 | 48.0 | 48.1 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.1 | 48.1 |
| -48.75° | 47.3 | 47.3 | 47.4 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.4 | 47.4 |
| -50° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -51.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -52.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -53.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -55° | 46.6 | 46.7 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 |
| -56.25° | 46.0 | 46.0 | 46.1 | 46.1 | 46.1 | 46.1 | 46.2 | 46.1 | 46.1 | 46.1 | 46.1 |
| -57.5° | 45.0 | 45.1 | 45.3 | 45.4 | 45.4 | 45.5 | 45.5 | 45.5 | 45.4 | 45.4 | 45.3 |
| -58.75° | 42.9 | 43.1 | 43.2 | 43.3 | 43.3 | 43.4 | 43.4 | 43.4 | 43.3 | 43.3 | 43.2 |
| -60° | 40.9 | 41.0 | 41.1 | 41.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.2 | 41.1 |
| -61.25° | 39.2 | 39.3 | 39.4 | 39.5 | 39.5 | 39.5 | 39.6 | 39.5 | 39.5 | 39.5 | 39.4 |
| -62.5° | 37.2 | 37.4 | 37.5 | 37.7 | 37.7 | 37.8 | 37.8 | 37.8 | 37.7 | 37.7 | 37.5 |
| -63.75° | 34.5 | 34.6 | 34.8 | 34.9 | 34.9 | 35.0 | 35.0 | 35.0 | 34.9 | 34.9 | 34.8 |
| -65° | 31.7 | 31.8 | 32.0 | 32.1 | 32.1 | 32.2 | 32.2 | 32.2 | 32.1 | 32.1 | 32.0 |
| -66.25° | 28.9 | 29.1 | 29.2 | 29.3 | 29.3 | 29.4 | 29.4 | 29.4 | 29.3 | 29.3 | 29.2 |
| -67.5° | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.6 | 26.6 | 26.6 | 26.6 | 26.5 | 26.4 |
| -68.75° | 23.8 | 23.9 | 24.0 | 24.1 | 24.1 | 24.1 | 24.2 | 24.1 | 24.1 | 24.1 | 24.0 |
| -70° | 21.4 | 21.5 | 21.6 | 21.6 | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 21.6 | 21.6 |
| -71.25° | 19.3 | 19.4 | 19.5 | 19.5 | 19.6 | 19.6 | 19.6 | 19.6 | 19.6 | 19.5 | 19.5 |
| -72.5° | 17.3 | 17.4 | 17.4 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.5 | 17.4 |
| -73.75° | 15.9 | 16.0 | 16.0 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.1 | 16.0 |
| -75° | 14.6 | 14.6 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 | 14.7 |
| -76.25° | 13.9 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| -77.5° | 13.2 | 13.2 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 | 13.3 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| -78.75° | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.3 | 12.2 | 12.2 | 12.2 | 12.2 |
| -80° | 11.1 | 11.1 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 | 11.2 |
| -81.25° | 9.7 | 9.7 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 | 9.8 |
| -82.5° | 8.3 | 8.3 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| -83.75° | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| -85° | 5.5 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 | 5.6 |
| -86.25° | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 3.9 | 3.8 | 3.8 | 3.8 | 3.8 |
| -87.5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| -88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|--------|-------|------|-------|------|--------|-------|--------|------|--------|-------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 87.5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 86.25° | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 |
| 85° | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.3 | 5.3 | 5.2 |
| 83.75° | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 |
| 82.5° | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 |
| 81.25° | 9.7 | 9.7 | 9.7 | 9.6 | 9.6 | 9.6 | 9.5 | 9.5 | 9.4 | 9.3 | 9.3 |
| 80° | 11.1 | 11.1 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 10.8 | 10.7 | 10.7 | 10.6 |
| 78.75° | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.8 | 11.7 |
| 77.5° | 13.2 | 13.2 | 13.2 | 13.1 | 13.1 | 13.0 | 13.0 | 12.9 | 12.9 | 12.8 | 12.7 |
| 76.25° | 14.0 | 13.9 | 13.9 | 13.9 | 13.8 | 13.8 | 13.8 | 13.7 | 13.7 | 13.6 | 13.6 |
| 75° | 14.6 | 14.6 | 14.6 | 14.6 | 14.5 | 14.5 | 14.5 | 14.4 | 14.4 | 14.3 | 14.2 |
| 73.75° | 16.0 | 15.9 | 15.9 | 15.8 | 15.7 | 15.7 | 15.6 | 15.5 | 15.4 | 15.2 | 15.1 |
| 72.5° | 17.4 | 17.3 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.4 |
| 71.25° | 19.4 | 19.3 | 19.2 | 19.1 | 19.0 | 18.8 | 18.7 | 18.5 | 18.3 | 18.1 | 17.9 |
| 70° | 21.5 | 21.4 | 21.3 | 21.2 | 21.0 | 20.9 | 20.7 | 20.5 | 20.3 | 20.1 | 19.8 |
| 68.75° | 23.9 | 23.8 | 23.6 | 23.5 | 23.3 | 23.1 | 22.9 | 22.7 | 22.4 | 22.1 | 21.8 |
| 67.5° | 26.3 | 26.2 | 26.1 | 25.9 | 25.7 | 25.5 | 25.3 | 25.0 | 24.7 | 24.5 | 24.1 |
| 66.25° | 29.1 | 28.9 | 28.7 | 28.5 | 28.3 | 28.1 | 27.8 | 27.5 | 27.2 | 26.8 | 26.4 |
| 65° | 31.8 | 31.7 | 31.5 | 31.3 | 31.1 | 30.8 | 30.5 | 30.2 | 29.8 | 29.4 | 29.0 |
| 63.75° | 34.6 | 34.5 | 34.3 | 34.0 | 33.8 | 33.5 | 33.2 | 32.9 | 32.5 | 32.1 | 31.7 |
| 62.5° | 37.4 | 37.2 | 37.0 | 36.8 | 36.5 | 36.2 | 35.9 | 35.5 | 35.1 | 34.7 | 34.3 |
| 61.25° | 39.3 | 39.2 | 39.0 | 38.9 | 38.7 | 38.5 | 38.3 | 38.1 | 37.8 | 37.4 | 36.9 |
| 60° | 41.0 | 40.9 | 40.8 | 40.6 | 40.4 | 40.2 | 40.0 | 39.7 | 39.5 | 39.2 | 38.9 |
| 58.75° | 43.1 | 42.9 | 42.7 | 42.5 | 42.3 | 42.0 | 41.7 | 41.4 | 41.1 | 40.8 | 40.5 |
| 57.5° | 45.1 | 45.0 | 44.8 | 44.6 | 44.3 | 44.1 | 43.8 | 43.4 | 43.1 | 42.7 | 42.3 |
| 56.25° | 46.0 | 46.0 | 45.9 | 45.8 | 45.8 | 45.7 | 45.6 | 45.4 | 45.1 | 44.7 | 44.2 |
| 55° | 46.7 | 46.6 | 46.6 | 46.5 | 46.4 | 46.3 | 46.2 | 46.1 | 46.0 | 45.8 | 45.7 |
| 53.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.6 | 46.5 | 46.3 |
| 52.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 51.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 50° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 48.75° | 47.3 | 47.3 | 47.2 | 47.1 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 47.5° | 48.0 | 47.9 | 47.9 | 47.8 | 47.6 | 47.5 | 47.4 | 47.2 | 47.0 | 46.9 | 46.8 |
| 46.25° | 49.0 | 48.9 | 48.7 | 48.6 | 48.4 | 48.2 | 48.0 | 47.9 | 47.7 | 47.5 | 47.3 |
| 45° | 50.0 | 49.9 | 49.7 | 49.6 | 49.4 | 49.2 | 48.9 | 48.7 | 48.4 | 48.1 | 47.9 |
| 43.75° | 51.1 | 50.9 | 50.8 | 50.6 | 50.4 | 50.2 | 49.9 | 49.7 | 49.4 | 49.1 | 48.8 |
| 42.5° | 52.1 | 52.0 | 51.8 | 51.6 | 51.4 | 51.2 | 50.9 | 50.6 | 50.3 | 50.0 | 49.7 |
| 41.25° | 53.1 | 53.0 | 52.8 | 52.6 | 52.4 | 52.2 | 51.9 | 51.6 | 51.3 | 51.0 | 50.6 |
| 40° | 54.2 | 54.0 | 53.8 | 53.6 | 53.4 | 53.2 | 52.9 | 52.6 | 52.3 | 51.9 | 51.6 |
| 38.75° | 55.2 | 55.0 | 54.9 | 54.6 | 54.4 | 54.2 | 53.9 | 53.6 | 53.2 | 52.9 | 52.5 |
| 37.5° | 56.2 | 56.1 | 55.9 | 55.7 | 55.4 | 55.1 | 54.8 | 54.5 | 54.2 | 53.8 | 53.4 |
| 36.25° | 57.9 | 57.6 | 57.2 | 56.7 | 56.4 | 56.1 | 55.8 | 55.5 | 55.1 | 54.7 | 54.3 |
| 35° | 60.0 | 59.6 | 59.2 | 58.7 | 58.2 | 57.6 | 57.0 | 56.4 | 56.1 | 55.7 | 55.2 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| 33.75° | 64.3 | 63.3 | 62.1 | 60.7 | 60.2 | 59.6 | 58.9 | 58.2 | 57.4 | 56.6 | 56.1 |
| 32.5° | 70.2 | 69.1 | 67.8 | 66.3 | 64.7 | 62.8 | 60.8 | 60.0 | 59.2 | 58.4 | 57.4 |
| 31.25° | 76.6 | 75.2 | 73.6 | 72.0 | 70.2 | 68.3 | 66.2 | 64.0 | 61.6 | 60.2 | 59.2 |
| 30° | 83.4 | 82.0 | 80.3 | 78.4 | 76.3 | 74.0 | 71.6 | 69.2 | 66.7 | 64.1 | 61.2 |
| 28.75° | 92.5 | 90.1 | 87.2 | 85.0 | 82.8 | 80.3 | 77.7 | 74.8 | 71.8 | 69.1 | 66.1 |
| 27.5° | 117.9 | 110.6 | 102.2 | 94.6 | 90.8 | 86.7 | 83.9 | 80.9 | 77.6 | 74.2 | 71.0 |
| 26.25° | 189.0 | 169.2 | 148.1 | 124.0 | 111.3 | 98.8 | 92.1 | 87.0 | 83.5 | 80.0 | 76.2 |
| 25° | 297.1 | 266.5 | 235.3 | 199.9 | 166.9 | 135.8 | 113.5 | 98.3 | 91.0 | 85.6 | 81.8 |
| 23.75° | 421.8 | 386.4 | 346.9 | 303.5 | 257.2 | 211.7 | 168.3 | 130.5 | 108.5 | 94.0 | 87.4 |
| 22.5° | 551.8 | 514.4 | 470.8 | 421.4 | 366.8 | 311.2 | 253.6 | 198.4 | 152.1 | 115.9 | 96.5 |
| 21.25° | 664.9 | 640.6 | 595.5 | 543.4 | 485.6 | 422.5 | 355.6 | 288.3 | 224.4 | 166.7 | 120.4 |
| 20° | 743.7 | 717.9 | 688.1 | 654.4 | 603.1 | 536.7 | 465.3 | 389.3 | 313.4 | 240.2 | 174.0 |
| 18.75° | 818.5 | 794.6 | 762.9 | 727.2 | 687.8 | 645.1 | 573.9 | 494.2 | 410.4 | 326.1 | 245.5 |
| 17.5° | 886.3 | 857.7 | 830.5 | 799.0 | 757.3 | 712.3 | 664.1 | 596.5 | 508.8 | 417.4 | 326.1 |
| 16.25° | 967.5 | 932.4 | 895.9 | 856.8 | 821.3 | 777.8 | 727.1 | 673.6 | 604.0 | 508.8 | 410.4 |
| 15° | 1072.9 | 1022.3 | 972.4 | 924.3 | 878.4 | 834.2 | 788.2 | 732.1 | 673.6 | 596.5 | 494.2 |
| 13.75° | 1231.0 | 1149.9 | 1069.9 | 1001.2 | 944.1 | 889.4 | 838.6 | 788.2 | 727.1 | 664.1 | 573.9 |
| 12.5° | 1437.0 | 1325.7 | 1210.4 | 1101.2 | 1019.8 | 950.7 | 889.4 | 834.2 | 777.8 | 712.3 | 645.1 |
| 11.25° | 1709.9 | 1546.4 | 1386.0 | 1241.3 | 1115.9 | 1019.8 | 944.1 | 878.4 | 821.3 | 757.3 | 687.8 |
| 10° | 2062.3 | 1823.6 | 1602.6 | 1406.4 | 1241.3 | 1101.2 | 1001.2 | 924.3 | 856.8 | 799.0 | 727.2 |
| 8.75° | 2532.7 | 2174.5 | 1862.3 | 1602.6 | 1386.0 | 1210.4 | 1069.9 | 972.4 | 895.9 | 830.5 | 762.9 |
| 7.5° | 3129.6 | 2616.4 | 2174.5 | 1823.6 | 1546.4 | 1325.7 | 1149.9 | 1022.3 | 932.4 | 857.7 | 794.6 |
| 6.25° | 3804.2 | 3129.6 | 2532.7 | 2062.3 | 1709.9 | 1437.0 | 1231.0 | 1072.9 | 967.5 | 886.3 | 818.5 |
| 5° | 4483.5 | 3661.3 | 2913.5 | 2314.2 | 1878.2 | 1557.4 | 1313.2 | 1125.5 | 997.5 | 910.1 | 837.0 |
| 3.75° | 5106.0 | 4171.0 | 3298.9 | 2569.9 | 2031.0 | 1654.2 | 1381.3 | 1176.0 | 1028.9 | 930.1 | 851.5 |
| 2.5° | 5588.5 | 4565.8 | 3596.0 | 2779.2 | 2168.1 | 1742.4 | 1432.7 | 1212.8 | 1051.7 | 945.9 | 863.1 |
| 1.25° | 5896.5 | 4828.3 | 3797.6 | 2908.5 | 2252.2 | 1797.9 | 1472.1 | 1235.1 | 1065.5 | 955.4 | 870.8 |
| 0° | 6003.0 | 4918.2 | 3869.5 | 2952.2 | 2280.6 | 1816.7 | 1485.4 | 1242.6 | 1070.2 | 958.7 | 873.4 |
| -1.25° | 5896.5 | 4828.3 | 3797.6 | 2908.5 | 2252.2 | 1797.9 | 1472.1 | 1235.1 | 1065.5 | 955.4 | 870.8 |
| -2.5° | 5588.5 | 4565.8 | 3596.0 | 2779.2 | 2168.1 | 1742.4 | 1432.7 | 1212.8 | 1051.7 | 945.9 | 863.1 |
| -3.75° | 5106.0 | 4171.0 | 3298.9 | 2569.9 | 2031.0 | 1654.2 | 1381.3 | 1176.0 | 1028.9 | 930.1 | 851.5 |
| -5° | 4483.5 | 3661.3 | 2913.5 | 2314.2 | 1878.2 | 1557.4 | 1313.2 | 1125.5 | 997.5 | 910.1 | 837.0 |
| -6.25° | 3804.2 | 3129.6 | 2532.7 | 2062.3 | 1709.9 | 1437.0 | 1231.0 | 1072.9 | 967.5 | 886.3 | 818.5 |
| -7.5° | 3129.6 | 2616.4 | 2174.5 | 1823.6 | 1546.4 | 1325.7 | 1149.9 | 1022.3 | 932.4 | 857.7 | 794.6 |
| -8.75° | 2532.7 | 2174.5 | 1862.3 | 1602.6 | 1386.0 | 1210.4 | 1069.9 | 972.4 | 895.9 | 830.5 | 762.9 |
| -10° | 2062.3 | 1823.6 | 1602.6 | 1406.4 | 1241.3 | 1101.2 | 1001.2 | 924.3 | 856.8 | 799.0 | 727.2 |
| -11.25° | 1709.9 | 1546.4 | 1386.0 | 1241.3 | 1115.9 | 1019.8 | 944.1 | 878.4 | 821.3 | 757.3 | 687.8 |
| -12.5° | 1437.0 | 1325.7 | 1210.4 | 1101.2 | 1019.8 | 950.7 | 889.4 | 834.2 | 777.8 | 712.3 | 645.1 |
| -13.75° | 1231.0 | 1149.9 | 1069.9 | 1001.2 | 944.1 | 889.4 | 838.6 | 788.2 | 727.1 | 664.1 | 573.9 |
| -15° | 1072.9 | 1022.3 | 972.4 | 924.3 | 878.4 | 834.2 | 788.2 | 732.1 | 673.6 | 596.5 | 494.2 |
| -16.25° | 967.5 | 932.4 | 895.9 | 856.8 | 821.3 | 777.8 | 727.1 | 673.6 | 604.0 | 508.8 | 410.4 |
| -17.5° | 886.3 | 857.7 | 830.5 | 799.0 | 757.3 | 712.3 | 664.1 | 596.5 | 508.8 | 417.4 | 326.1 |
| -18.75° | 818.5 | 794.6 | 762.9 | 727.2 | 687.8 | 645.1 | 573.9 | 494.2 | 410.4 | 326.1 | 245.5 |
| -20° | 743.7 | 717.9 | 688.1 | 654.4 | 603.1 | 536.7 | 465.3 | 389.3 | 313.4 | 240.2 | 174.0 |
| -21.25° | 664.9 | 640.6 | 595.5 | 543.4 | 485.6 | 422.5 | 355.6 | 288.3 | 224.4 | 166.7 | 120.4 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|
| -22.5° | 551.8 | 514.4 | 470.8 | 421.4 | 366.8 | 311.2 | 253.6 | 198.4 | 152.1 | 115.9 | 96.5 |
| -23.75° | 421.8 | 386.4 | 346.9 | 303.5 | 257.2 | 211.7 | 168.3 | 130.5 | 108.5 | 94.0 | 87.4 |
| -25° | 297.1 | 266.5 | 235.3 | 199.9 | 166.9 | 135.8 | 113.5 | 98.3 | 91.0 | 85.6 | 81.8 |
| -26.25° | 189.0 | 169.2 | 148.1 | 124.0 | 111.3 | 98.8 | 92.1 | 87.0 | 83.5 | 80.0 | 76.2 |
| -27.5° | 117.9 | 110.6 | 102.2 | 94.6 | 90.8 | 86.7 | 83.9 | 80.9 | 77.6 | 74.2 | 71.0 |
| -28.75° | 92.5 | 90.1 | 87.2 | 85.0 | 82.8 | 80.3 | 77.7 | 74.8 | 71.8 | 69.1 | 66.1 |
| -30° | 83.4 | 82.0 | 80.3 | 78.4 | 76.3 | 74.0 | 71.6 | 69.2 | 66.7 | 64.1 | 61.2 |
| -31.25° | 76.6 | 75.2 | 73.6 | 72.0 | 70.2 | 68.3 | 66.2 | 64.0 | 61.6 | 60.2 | 59.2 |
| -32.5° | 70.2 | 69.1 | 67.8 | 66.3 | 64.7 | 62.8 | 60.8 | 60.0 | 59.2 | 58.4 | 57.4 |
| -33.75° | 64.3 | 63.3 | 62.1 | 60.7 | 60.2 | 59.6 | 58.9 | 58.2 | 57.4 | 56.6 | 56.1 |
| -35° | 60.0 | 59.6 | 59.2 | 58.7 | 58.2 | 57.6 | 57.0 | 56.4 | 56.1 | 55.7 | 55.2 |
| -36.25° | 57.9 | 57.6 | 57.2 | 56.7 | 56.4 | 56.1 | 55.8 | 55.5 | 55.1 | 54.7 | 54.3 |
| -37.5° | 56.2 | 56.1 | 55.9 | 55.7 | 55.4 | 55.1 | 54.8 | 54.5 | 54.2 | 53.8 | 53.4 |
| -38.75° | 55.2 | 55.0 | 54.9 | 54.6 | 54.4 | 54.2 | 53.9 | 53.6 | 53.2 | 52.9 | 52.5 |
| -40° | 54.2 | 54.0 | 53.8 | 53.6 | 53.4 | 53.2 | 52.9 | 52.6 | 52.3 | 51.9 | 51.6 |
| -41.25° | 53.1 | 53.0 | 52.8 | 52.6 | 52.4 | 52.2 | 51.9 | 51.6 | 51.3 | 51.0 | 50.6 |
| -42.5° | 52.1 | 52.0 | 51.8 | 51.6 | 51.4 | 51.2 | 50.9 | 50.6 | 50.3 | 50.0 | 49.7 |
| -43.75° | 51.1 | 50.9 | 50.8 | 50.6 | 50.4 | 50.2 | 49.9 | 49.7 | 49.4 | 49.1 | 48.8 |
| -45° | 50.0 | 49.9 | 49.7 | 49.6 | 49.4 | 49.2 | 48.9 | 48.7 | 48.4 | 48.1 | 47.9 |
| -46.25° | 49.0 | 48.9 | 48.7 | 48.6 | 48.4 | 48.2 | 48.0 | 47.9 | 47.7 | 47.5 | 47.3 |
| -47.5° | 48.0 | 47.9 | 47.9 | 47.8 | 47.6 | 47.5 | 47.4 | 47.2 | 47.0 | 46.9 | 46.8 |
| -48.75° | 47.3 | 47.3 | 47.2 | 47.1 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -50° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -51.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -52.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -53.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.6 | 46.5 | 46.3 |
| -55° | 46.7 | 46.6 | 46.6 | 46.5 | 46.4 | 46.3 | 46.2 | 46.1 | 46.0 | 45.8 | 45.7 |
| -56.25° | 46.0 | 46.0 | 45.9 | 45.8 | 45.8 | 45.7 | 45.6 | 45.4 | 45.1 | 44.7 | 44.2 |
| -57.5° | 45.1 | 45.0 | 44.8 | 44.6 | 44.3 | 44.1 | 43.8 | 43.4 | 43.1 | 42.7 | 42.3 |
| -58.75° | 43.1 | 42.9 | 42.7 | 42.5 | 42.3 | 42.0 | 41.7 | 41.4 | 41.1 | 40.8 | 40.5 |
| -60° | 41.0 | 40.9 | 40.8 | 40.6 | 40.4 | 40.2 | 40.0 | 39.7 | 39.5 | 39.2 | 38.9 |
| -61.25° | 39.3 | 39.2 | 39.0 | 38.9 | 38.7 | 38.5 | 38.3 | 38.1 | 37.8 | 37.4 | 36.9 |
| -62.5° | 37.4 | 37.2 | 37.0 | 36.8 | 36.5 | 36.2 | 35.9 | 35.5 | 35.1 | 34.7 | 34.3 |
| -63.75° | 34.6 | 34.5 | 34.3 | 34.0 | 33.8 | 33.5 | 33.2 | 32.9 | 32.5 | 32.1 | 31.7 |
| -65° | 31.8 | 31.7 | 31.5 | 31.3 | 31.1 | 30.8 | 30.5 | 30.2 | 29.8 | 29.4 | 29.0 |
| -66.25° | 29.1 | 28.9 | 28.7 | 28.5 | 28.3 | 28.1 | 27.8 | 27.5 | 27.2 | 26.8 | 26.4 |
| -67.5° | 26.3 | 26.2 | 26.1 | 25.9 | 25.7 | 25.5 | 25.3 | 25.0 | 24.7 | 24.5 | 24.1 |
| -68.75° | 23.9 | 23.8 | 23.6 | 23.5 | 23.3 | 23.1 | 22.9 | 22.7 | 22.4 | 22.1 | 21.8 |
| -70° | 21.5 | 21.4 | 21.3 | 21.2 | 21.0 | 20.9 | 20.7 | 20.5 | 20.3 | 20.1 | 19.8 |
| -71.25° | 19.4 | 19.3 | 19.2 | 19.1 | 19.0 | 18.8 | 18.7 | 18.5 | 18.3 | 18.1 | 17.9 |
| -72.5° | 17.4 | 17.3 | 17.3 | 17.2 | 17.1 | 17.0 | 16.9 | 16.8 | 16.7 | 16.6 | 16.4 |
| -73.75° | 16.0 | 15.9 | 15.9 | 15.8 | 15.7 | 15.7 | 15.6 | 15.5 | 15.4 | 15.2 | 15.1 |
| -75° | 14.6 | 14.6 | 14.6 | 14.6 | 14.5 | 14.5 | 14.5 | 14.4 | 14.4 | 14.3 | 14.2 |
| -76.25° | 14.0 | 13.9 | 13.9 | 13.9 | 13.8 | 13.8 | 13.8 | 13.7 | 13.7 | 13.6 | 13.6 |
| -77.5° | 13.2 | 13.2 | 13.2 | 13.1 | 13.1 | 13.0 | 13.0 | 12.9 | 12.9 | 12.8 | 12.7 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|------|--------|-------|--------|------|--------|-------|--------|
| -78.75° | 12.2 | 12.2 | 12.1 | 12.1 | 12.1 | 12.0 | 12.0 | 11.9 | 11.9 | 11.8 | 11.7 |
| -80° | 11.1 | 11.1 | 11.1 | 11.0 | 11.0 | 10.9 | 10.9 | 10.8 | 10.7 | 10.7 | 10.6 |
| -81.25° | 9.7 | 9.7 | 9.7 | 9.6 | 9.6 | 9.6 | 9.5 | 9.5 | 9.4 | 9.3 | 9.3 |
| -82.5° | 8.3 | 8.3 | 8.3 | 8.3 | 8.2 | 8.2 | 8.2 | 8.1 | 8.1 | 8.0 | 8.0 |
| -83.75° | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 |
| -85° | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.3 | 5.3 | 5.2 |
| -86.25° | 3.8 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 |
| -87.5° | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 87.5° | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| 86.25° | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.3 | 3.3 | 3.2 | 3.1 | 3.1 | 3.0 |
| 85° | 5.2 | 5.1 | 5.1 | 5.0 | 4.9 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 | 4.5 |
| 83.75° | 6.6 | 6.5 | 6.5 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 5.9 |
| 82.5° | 7.9 | 7.8 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 |
| 81.25° | 9.2 | 9.1 | 9.0 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 |
| 80° | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.8 | 9.7 | 9.6 | 9.4 |
| 78.75° | 11.7 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 | 11.2 | 11.0 | 10.9 | 10.8 | 10.6 |
| 77.5° | 12.7 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.6 |
| 76.25° | 13.5 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.8 | 12.6 | 12.5 |
| 75° | 14.2 | 14.1 | 14.0 | 14.0 | 13.9 | 13.8 | 13.7 | 13.6 | 13.6 | 13.5 | 13.4 |
| 73.75° | 15.0 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.3 | 14.2 | 14.1 | 13.9 |
| 72.5° | 16.3 | 16.1 | 16.0 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 14.6 | 14.5 |
| 71.25° | 17.6 | 17.4 | 17.2 | 17.1 | 16.9 | 16.7 | 16.5 | 16.2 | 16.0 | 15.8 | 15.5 |
| 70° | 19.6 | 19.3 | 19.0 | 18.7 | 18.4 | 18.1 | 17.8 | 17.4 | 17.2 | 16.9 | 16.7 |
| 68.75° | 21.6 | 21.3 | 21.0 | 20.6 | 20.3 | 20.0 | 19.6 | 19.2 | 18.8 | 18.4 | 18.0 |
| 67.5° | 23.8 | 23.5 | 23.1 | 22.7 | 22.3 | 21.8 | 21.4 | 21.0 | 20.6 | 20.2 | 19.7 |
| 66.25° | 26.1 | 25.7 | 25.3 | 24.9 | 24.5 | 24.0 | 23.5 | 23.0 | 22.5 | 22.0 | 21.5 |
| 65° | 28.6 | 28.2 | 27.7 | 27.2 | 26.6 | 26.2 | 25.7 | 25.1 | 24.6 | 24.0 | 23.4 |
| 63.75° | 31.2 | 30.7 | 30.2 | 29.7 | 29.1 | 28.6 | 27.9 | 27.3 | 26.6 | 26.0 | 25.4 |
| 62.5° | 33.8 | 33.3 | 32.8 | 32.2 | 31.6 | 31.0 | 30.4 | 29.7 | 29.0 | 28.3 | 27.5 |
| 61.25° | 36.4 | 35.9 | 35.3 | 34.7 | 34.1 | 33.4 | 32.8 | 32.1 | 31.3 | 30.6 | 29.8 |
| 60° | 38.5 | 38.2 | 37.8 | 37.2 | 36.6 | 35.9 | 35.2 | 34.4 | 33.7 | 32.9 | 32.1 |
| 58.75° | 40.1 | 39.8 | 39.4 | 39.0 | 38.6 | 38.1 | 37.6 | 36.8 | 36.0 | 35.2 | 34.3 |
| 57.5° | 41.8 | 41.4 | 41.0 | 40.5 | 40.1 | 39.6 | 39.1 | 38.6 | 38.1 | 37.5 | 36.6 |
| 56.25° | 43.8 | 43.3 | 42.8 | 42.2 | 41.7 | 41.1 | 40.6 | 40.1 | 39.6 | 39.0 | 38.4 |
| 55° | 45.6 | 45.2 | 44.7 | 44.1 | 43.5 | 42.9 | 42.3 | 41.6 | 41.0 | 40.4 | 39.8 |
| 53.75° | 46.2 | 46.0 | 45.8 | 45.6 | 45.3 | 44.7 | 44.0 | 43.4 | 42.6 | 41.9 | 41.2 |
| 52.5° | 46.7 | 46.6 | 46.4 | 46.2 | 46.0 | 45.8 | 45.6 | 45.1 | 44.4 | 43.6 | 42.8 |
| 51.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 46.4 | 46.1 | 45.9 | 45.7 | 45.3 | 44.4 |
| 50° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.4 | 46.2 | 45.9 | 45.7 |
| 48.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.4 | 46.2 |
| 47.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 |
| 46.25° | 47.1 | 46.9 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 45° | 47.7 | 47.5 | 47.2 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 43.75° | 48.4 | 48.1 | 47.8 | 47.6 | 47.3 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 42.5° | 49.3 | 49.0 | 48.6 | 48.2 | 47.9 | 47.6 | 47.3 | 47.0 | 46.8 | 46.8 | 46.8 |
| 41.25° | 50.3 | 49.9 | 49.5 | 49.0 | 48.6 | 48.1 | 47.8 | 47.5 | 47.2 | 46.8 | 46.8 |
| 40° | 51.2 | 50.8 | 50.3 | 49.9 | 49.4 | 49.0 | 48.5 | 48.0 | 47.7 | 47.3 | 46.9 |
| 38.75° | 52.1 | 51.7 | 51.2 | 50.8 | 50.3 | 49.8 | 49.3 | 48.7 | 48.2 | 47.8 | 47.4 |
| 37.5° | 53.0 | 52.6 | 52.1 | 51.6 | 51.1 | 50.6 | 50.1 | 49.5 | 49.0 | 48.4 | 47.9 |
| 36.25° | 53.9 | 53.4 | 53.0 | 52.5 | 51.9 | 51.4 | 50.9 | 50.3 | 49.7 | 49.1 | 48.5 |
| 35° | 54.8 | 54.3 | 53.8 | 53.3 | 52.8 | 52.2 | 51.6 | 51.1 | 50.5 | 49.8 | 49.2 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|-------|--------|-------|--------|-------|--------|-------|--------|------|--------|-------|
| 33.75° | 55.7 | 55.2 | 54.7 | 54.1 | 53.6 | 53.0 | 52.4 | 51.8 | 51.2 | 50.6 | 49.9 |
| 32.5° | 56.5 | 56.0 | 55.5 | 54.9 | 54.4 | 53.8 | 53.2 | 52.6 | 51.9 | 51.3 | 50.6 |
| 31.25° | 58.2 | 57.1 | 56.3 | 55.8 | 55.2 | 54.6 | 53.9 | 53.3 | 52.6 | 51.9 | 51.3 |
| 30° | 59.9 | 58.8 | 57.7 | 56.5 | 55.9 | 55.3 | 54.7 | 54.0 | 53.3 | 52.6 | 51.9 |
| 28.75° | 63.0 | 60.5 | 59.3 | 58.1 | 56.8 | 56.0 | 55.4 | 54.7 | 54.0 | 53.3 | 52.6 |
| 27.5° | 67.8 | 64.4 | 61.0 | 59.6 | 58.3 | 56.9 | 56.1 | 55.4 | 54.7 | 53.9 | 53.2 |
| 26.25° | 72.4 | 68.9 | 65.3 | 61.6 | 59.7 | 58.4 | 56.9 | 56.0 | 55.3 | 54.6 | 53.8 |
| 25° | 77.7 | 73.5 | 69.6 | 65.8 | 61.9 | 59.7 | 58.3 | 56.8 | 55.9 | 55.2 | 54.4 |
| 23.75° | 82.9 | 78.6 | 74.0 | 69.9 | 65.8 | 61.6 | 59.6 | 58.1 | 56.5 | 55.8 | 54.9 |
| 22.5° | 88.9 | 83.5 | 78.9 | 74.0 | 69.6 | 65.3 | 61.0 | 59.3 | 57.7 | 56.3 | 55.5 |
| 21.25° | 99.4 | 89.4 | 83.5 | 78.6 | 73.5 | 68.9 | 64.4 | 60.5 | 58.8 | 57.1 | 56.0 |
| 20° | 122.3 | 99.4 | 88.9 | 82.9 | 77.7 | 72.4 | 67.8 | 63.0 | 59.9 | 58.2 | 56.5 |
| 18.75° | 174.0 | 120.4 | 96.5 | 87.4 | 81.8 | 76.2 | 71.0 | 66.1 | 61.2 | 59.2 | 57.4 |
| 17.5° | 240.2 | 166.7 | 115.9 | 94.0 | 85.6 | 80.0 | 74.2 | 69.1 | 64.1 | 60.2 | 58.4 |
| 16.25° | 313.4 | 224.4 | 152.1 | 108.5 | 91.0 | 83.5 | 77.6 | 71.8 | 66.7 | 61.6 | 59.2 |
| 15° | 389.3 | 288.3 | 198.4 | 130.5 | 98.3 | 87.0 | 80.9 | 74.8 | 69.2 | 64.0 | 60.0 |
| 13.75° | 465.3 | 355.6 | 253.6 | 168.3 | 113.5 | 92.1 | 83.9 | 77.7 | 71.6 | 66.2 | 60.8 |
| 12.5° | 536.7 | 422.5 | 311.2 | 211.7 | 135.8 | 98.8 | 86.7 | 80.3 | 74.0 | 68.3 | 62.8 |
| 11.25° | 603.1 | 485.6 | 366.8 | 257.2 | 166.9 | 111.3 | 90.8 | 82.8 | 76.3 | 70.2 | 64.7 |
| 10° | 654.4 | 543.4 | 421.4 | 303.5 | 199.9 | 124.0 | 94.6 | 85.0 | 78.4 | 72.0 | 66.3 |
| 8.75° | 688.1 | 595.5 | 470.8 | 346.9 | 235.3 | 148.1 | 102.2 | 87.2 | 80.3 | 73.6 | 67.8 |
| 7.5° | 717.9 | 640.6 | 514.4 | 386.4 | 266.5 | 169.2 | 110.6 | 90.1 | 82.0 | 75.2 | 69.1 |
| 6.25° | 743.7 | 664.9 | 551.8 | 421.8 | 297.1 | 189.0 | 117.9 | 92.5 | 83.4 | 76.6 | 70.2 |
| 5° | 765.1 | 685.1 | 582.9 | 451.2 | 322.8 | 210.0 | 126.9 | 94.5 | 84.6 | 77.7 | 71.1 |
| 3.75° | 782.0 | 700.9 | 607.3 | 474.2 | 343.0 | 226.4 | 138.0 | 96.5 | 85.5 | 78.6 | 71.8 |
| 2.5° | 794.2 | 712.4 | 624.9 | 490.8 | 357.5 | 238.2 | 146.0 | 99.7 | 86.2 | 79.2 | 72.3 |
| 1.25° | 801.6 | 719.3 | 635.5 | 500.8 | 366.3 | 245.3 | 150.8 | 101.6 | 86.6 | 79.6 | 72.6 |
| 0° | 804.1 | 721.6 | 639.1 | 504.2 | 369.2 | 247.7 | 152.5 | 102.3 | 86.7 | 79.7 | 72.7 |
| -1.25° | 801.6 | 719.3 | 635.5 | 500.8 | 366.3 | 245.3 | 150.8 | 101.6 | 86.6 | 79.6 | 72.6 |
| -2.5° | 794.2 | 712.4 | 624.9 | 490.8 | 357.5 | 238.2 | 146.0 | 99.7 | 86.2 | 79.2 | 72.3 |
| -3.75° | 782.0 | 700.9 | 607.3 | 474.2 | 343.0 | 226.4 | 138.0 | 96.5 | 85.5 | 78.6 | 71.8 |
| -5° | 765.1 | 685.1 | 582.9 | 451.2 | 322.8 | 210.0 | 126.9 | 94.5 | 84.6 | 77.7 | 71.1 |
| -6.25° | 743.7 | 664.9 | 551.8 | 421.8 | 297.1 | 189.0 | 117.9 | 92.5 | 83.4 | 76.6 | 70.2 |
| -7.5° | 717.9 | 640.6 | 514.4 | 386.4 | 266.5 | 169.2 | 110.6 | 90.1 | 82.0 | 75.2 | 69.1 |
| -8.75° | 688.1 | 595.5 | 470.8 | 346.9 | 235.3 | 148.1 | 102.2 | 87.2 | 80.3 | 73.6 | 67.8 |
| -10° | 654.4 | 543.4 | 421.4 | 303.5 | 199.9 | 124.0 | 94.6 | 85.0 | 78.4 | 72.0 | 66.3 |
| -11.25° | 603.1 | 485.6 | 366.8 | 257.2 | 166.9 | 111.3 | 90.8 | 82.8 | 76.3 | 70.2 | 64.7 |
| -12.5° | 536.7 | 422.5 | 311.2 | 211.7 | 135.8 | 98.8 | 86.7 | 80.3 | 74.0 | 68.3 | 62.8 |
| -13.75° | 465.3 | 355.6 | 253.6 | 168.3 | 113.5 | 92.1 | 83.9 | 77.7 | 71.6 | 66.2 | 60.8 |
| -15° | 389.3 | 288.3 | 198.4 | 130.5 | 98.3 | 87.0 | 80.9 | 74.8 | 69.2 | 64.0 | 60.0 |
| -16.25° | 313.4 | 224.4 | 152.1 | 108.5 | 91.0 | 83.5 | 77.6 | 71.8 | 66.7 | 61.6 | 59.2 |
| -17.5° | 240.2 | 166.7 | 115.9 | 94.0 | 85.6 | 80.0 | 74.2 | 69.1 | 64.1 | 60.2 | 58.4 |
| -18.75° | 174.0 | 120.4 | 96.5 | 87.4 | 81.8 | 76.2 | 71.0 | 66.1 | 61.2 | 59.2 | 57.4 |
| -20° | 122.3 | 99.4 | 88.9 | 82.9 | 77.7 | 72.4 | 67.8 | 63.0 | 59.9 | 58.2 | 56.5 |
| -21.25° | 99.4 | 89.4 | 83.5 | 78.6 | 73.5 | 68.9 | 64.4 | 60.5 | 58.8 | 57.1 | 56.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|
| -22.5° | 88.9 | 83.5 | 78.9 | 74.0 | 69.6 | 65.3 | 61.0 | 59.3 | 57.7 | 56.3 | 55.5 |
| -23.75° | 82.9 | 78.6 | 74.0 | 69.9 | 65.8 | 61.6 | 59.6 | 58.1 | 56.5 | 55.8 | 54.9 |
| -25° | 77.7 | 73.5 | 69.6 | 65.8 | 61.9 | 59.7 | 58.3 | 56.8 | 55.9 | 55.2 | 54.4 |
| -26.25° | 72.4 | 68.9 | 65.3 | 61.6 | 59.7 | 58.4 | 56.9 | 56.0 | 55.3 | 54.6 | 53.8 |
| -27.5° | 67.8 | 64.4 | 61.0 | 59.6 | 58.3 | 56.9 | 56.1 | 55.4 | 54.7 | 53.9 | 53.2 |
| -28.75° | 63.0 | 60.5 | 59.3 | 58.1 | 56.8 | 56.0 | 55.4 | 54.7 | 54.0 | 53.3 | 52.6 |
| -30° | 59.9 | 58.8 | 57.7 | 56.5 | 55.9 | 55.3 | 54.7 | 54.0 | 53.3 | 52.6 | 51.9 |
| -31.25° | 58.2 | 57.1 | 56.3 | 55.8 | 55.2 | 54.6 | 53.9 | 53.3 | 52.6 | 51.9 | 51.3 |
| -32.5° | 56.5 | 56.0 | 55.5 | 54.9 | 54.4 | 53.8 | 53.2 | 52.6 | 51.9 | 51.3 | 50.6 |
| -33.75° | 55.7 | 55.2 | 54.7 | 54.1 | 53.6 | 53.0 | 52.4 | 51.8 | 51.2 | 50.6 | 49.9 |
| -35° | 54.8 | 54.3 | 53.8 | 53.3 | 52.8 | 52.2 | 51.6 | 51.1 | 50.5 | 49.8 | 49.2 |
| -36.25° | 53.9 | 53.4 | 53.0 | 52.5 | 51.9 | 51.4 | 50.9 | 50.3 | 49.7 | 49.1 | 48.5 |
| -37.5° | 53.0 | 52.6 | 52.1 | 51.6 | 51.1 | 50.6 | 50.1 | 49.5 | 49.0 | 48.4 | 47.9 |
| -38.75° | 52.1 | 51.7 | 51.2 | 50.8 | 50.3 | 49.8 | 49.3 | 48.7 | 48.2 | 47.8 | 47.4 |
| -40° | 51.2 | 50.8 | 50.3 | 49.9 | 49.4 | 49.0 | 48.5 | 48.0 | 47.7 | 47.3 | 46.9 |
| -41.25° | 50.3 | 49.9 | 49.5 | 49.0 | 48.6 | 48.1 | 47.8 | 47.5 | 47.2 | 46.8 | 46.8 |
| -42.5° | 49.3 | 49.0 | 48.6 | 48.2 | 47.9 | 47.6 | 47.3 | 47.0 | 46.8 | 46.8 | 46.8 |
| -43.75° | 48.4 | 48.1 | 47.8 | 47.6 | 47.3 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -45° | 47.7 | 47.5 | 47.2 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -46.25° | 47.1 | 46.9 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -47.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 |
| -48.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.4 | 46.2 |
| -50° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.4 | 46.2 | 45.9 | 45.7 |
| -51.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 46.4 | 46.1 | 45.9 | 45.7 | 45.3 | 44.4 |
| -52.5° | 46.7 | 46.6 | 46.4 | 46.2 | 46.0 | 45.8 | 45.6 | 45.1 | 44.4 | 43.6 | 42.8 |
| -53.75° | 46.2 | 46.0 | 45.8 | 45.6 | 45.3 | 44.7 | 44.0 | 43.4 | 42.6 | 41.9 | 41.2 |
| -55° | 45.6 | 45.2 | 44.7 | 44.1 | 43.5 | 42.9 | 42.3 | 41.6 | 41.0 | 40.4 | 39.8 |
| -56.25° | 43.8 | 43.3 | 42.8 | 42.2 | 41.7 | 41.1 | 40.6 | 40.1 | 39.6 | 39.0 | 38.4 |
| -57.5° | 41.8 | 41.4 | 41.0 | 40.5 | 40.1 | 39.6 | 39.1 | 38.6 | 38.1 | 37.5 | 36.6 |
| -58.75° | 40.1 | 39.8 | 39.4 | 39.0 | 38.6 | 38.1 | 37.6 | 36.8 | 36.0 | 35.2 | 34.3 |
| -60° | 38.5 | 38.2 | 37.8 | 37.2 | 36.6 | 35.9 | 35.2 | 34.4 | 33.7 | 32.9 | 32.1 |
| -61.25° | 36.4 | 35.9 | 35.3 | 34.7 | 34.1 | 33.4 | 32.8 | 32.1 | 31.3 | 30.6 | 29.8 |
| -62.5° | 33.8 | 33.3 | 32.8 | 32.2 | 31.6 | 31.0 | 30.4 | 29.7 | 29.0 | 28.3 | 27.5 |
| -63.75° | 31.2 | 30.7 | 30.2 | 29.7 | 29.1 | 28.6 | 27.9 | 27.3 | 26.6 | 26.0 | 25.4 |
| -65° | 28.6 | 28.2 | 27.7 | 27.2 | 26.6 | 26.2 | 25.7 | 25.1 | 24.6 | 24.0 | 23.4 |
| -66.25° | 26.1 | 25.7 | 25.3 | 24.9 | 24.5 | 24.0 | 23.5 | 23.0 | 22.5 | 22.0 | 21.5 |
| -67.5° | 23.8 | 23.5 | 23.1 | 22.7 | 22.3 | 21.8 | 21.4 | 21.0 | 20.6 | 20.2 | 19.7 |
| -68.75° | 21.6 | 21.3 | 21.0 | 20.6 | 20.3 | 20.0 | 19.6 | 19.2 | 18.8 | 18.4 | 18.0 |
| -70° | 19.6 | 19.3 | 19.0 | 18.7 | 18.4 | 18.1 | 17.8 | 17.4 | 17.2 | 16.9 | 16.7 |
| -71.25° | 17.6 | 17.4 | 17.2 | 17.1 | 16.9 | 16.7 | 16.5 | 16.2 | 16.0 | 15.8 | 15.5 |
| -72.5° | 16.3 | 16.1 | 16.0 | 15.8 | 15.6 | 15.4 | 15.2 | 15.0 | 14.8 | 14.6 | 14.5 |
| -73.75° | 15.0 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 | 14.3 | 14.3 | 14.2 | 14.1 | 13.9 |
| -75° | 14.2 | 14.1 | 14.0 | 14.0 | 13.9 | 13.8 | 13.7 | 13.6 | 13.6 | 13.5 | 13.4 |
| -76.25° | 13.5 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.8 | 12.6 | 12.5 |
| -77.5° | 12.7 | 12.6 | 12.5 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.8 | 11.6 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|
| -78.75° | 11.7 | 11.6 | 11.5 | 11.4 | 11.4 | 11.3 | 11.2 | 11.0 | 10.9 | 10.8 | 10.6 |
| -80° | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.8 | 9.7 | 9.6 | 9.4 |
| -81.25° | 9.2 | 9.1 | 9.0 | 9.0 | 8.9 | 8.8 | 8.7 | 8.6 | 8.5 | 8.4 | 8.3 |
| -82.5° | 7.9 | 7.8 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.4 | 7.3 | 7.2 | 7.1 |
| -83.75° | 6.6 | 6.5 | 6.5 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 5.9 |
| -85° | 5.2 | 5.1 | 5.1 | 5.0 | 4.9 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 | 4.5 |
| -86.25° | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.3 | 3.3 | 3.2 | 3.1 | 3.1 | 3.0 |
| -87.5° | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 |
| -88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -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: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|--------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 |
| 87.5° | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 |
| 86.25° | 3.0 | 2.9 | 2.8 | 2.8 | 2.7 | 2.6 | 2.5 | 2.5 | 2.4 | 2.3 | 2.2 |
| 85° | 4.4 | 4.3 | 4.2 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.7 | 3.5 | 3.4 |
| 83.75° | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.0 | 4.9 | 4.8 | 4.6 |
| 82.5° | 7.0 | 6.9 | 6.8 | 6.7 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 5.9 | 5.8 |
| 81.25° | 8.1 | 8.0 | 7.9 | 7.8 | 7.6 | 7.5 | 7.4 | 7.2 | 7.1 | 6.9 | 6.8 |
| 80° | 9.3 | 9.2 | 9.0 | 8.9 | 8.7 | 8.6 | 8.4 | 8.2 | 8.1 | 7.9 | 7.7 |
| 78.75° | 10.5 | 10.3 | 10.1 | 10.0 | 9.8 | 9.6 | 9.4 | 9.3 | 9.1 | 8.9 | 8.7 |
| 77.5° | 11.5 | 11.4 | 11.2 | 11.1 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.9 | 9.6 |
| 76.25° | 12.4 | 12.2 | 12.1 | 11.9 | 11.8 | 11.6 | 11.4 | 11.3 | 11.1 | 10.8 | 10.6 |
| 75° | 13.2 | 13.1 | 12.9 | 12.8 | 12.6 | 12.4 | 12.2 | 12.0 | 11.9 | 11.7 | 11.5 |
| 73.75° | 13.8 | 13.7 | 13.6 | 13.5 | 13.4 | 13.2 | 13.0 | 12.8 | 12.6 | 12.4 | 12.2 |
| 72.5° | 14.4 | 14.3 | 14.2 | 14.0 | 13.9 | 13.8 | 13.6 | 13.5 | 13.3 | 13.1 | 12.9 |
| 71.25° | 15.3 | 15.0 | 14.7 | 14.6 | 14.4 | 14.3 | 14.1 | 14.0 | 13.8 | 13.7 | 13.5 |
| 70° | 16.4 | 16.1 | 15.8 | 15.5 | 15.2 | 14.9 | 14.6 | 14.5 | 14.3 | 14.1 | 14.0 |
| 68.75° | 17.6 | 17.2 | 16.9 | 16.6 | 16.3 | 16.0 | 15.6 | 15.3 | 14.9 | 14.6 | 14.4 |
| 67.5° | 19.3 | 18.8 | 18.3 | 17.8 | 17.3 | 17.0 | 16.6 | 16.3 | 15.9 | 15.5 | 15.1 |
| 66.25° | 21.0 | 20.5 | 19.9 | 19.4 | 18.9 | 18.3 | 17.7 | 17.2 | 16.8 | 16.4 | 16.0 |
| 65° | 22.8 | 22.2 | 21.6 | 21.0 | 20.4 | 19.8 | 19.2 | 18.6 | 18.0 | 17.4 | 16.9 |
| 63.75° | 24.8 | 24.1 | 23.5 | 22.8 | 22.0 | 21.4 | 20.7 | 20.1 | 19.4 | 18.7 | 18.0 |
| 62.5° | 26.8 | 26.1 | 25.3 | 24.6 | 23.9 | 23.1 | 22.3 | 21.5 | 20.8 | 20.1 | 19.4 |
| 61.25° | 29.0 | 28.2 | 27.3 | 26.5 | 25.7 | 24.9 | 24.1 | 23.2 | 22.3 | 21.5 | 20.7 |
| 60° | 31.2 | 30.4 | 29.5 | 28.6 | 27.6 | 26.6 | 25.8 | 24.9 | 24.0 | 23.1 | 22.1 |
| 58.75° | 33.4 | 32.5 | 31.6 | 30.6 | 29.7 | 28.7 | 27.6 | 26.6 | 25.6 | 24.7 | 23.7 |
| 57.5° | 35.6 | 34.7 | 33.7 | 32.7 | 31.7 | 30.6 | 29.6 | 28.5 | 27.4 | 26.3 | 25.2 |
| 56.25° | 37.8 | 36.8 | 35.8 | 34.8 | 33.7 | 32.6 | 31.5 | 30.4 | 29.2 | 28.0 | 26.8 |
| 55° | 39.2 | 38.5 | 37.9 | 36.8 | 35.7 | 34.6 | 33.4 | 32.2 | 31.0 | 29.8 | 28.5 |
| 53.75° | 40.5 | 39.9 | 39.2 | 38.5 | 37.7 | 36.5 | 35.3 | 34.1 | 32.8 | 31.6 | 30.3 |
| 52.5° | 42.0 | 41.2 | 40.5 | 39.7 | 39.0 | 38.2 | 37.2 | 35.9 | 34.6 | 33.3 | 32.0 |
| 51.25° | 43.6 | 42.7 | 41.8 | 41.0 | 40.2 | 39.4 | 38.6 | 37.8 | 36.4 | 35.0 | 33.7 |
| 50° | 45.2 | 44.3 | 43.4 | 42.4 | 41.4 | 40.6 | 39.8 | 38.9 | 38.0 | 36.8 | 35.3 |
| 48.75° | 45.9 | 45.6 | 44.9 | 43.9 | 42.9 | 41.9 | 40.9 | 40.0 | 39.1 | 38.2 | 37.0 |
| 47.5° | 46.4 | 46.1 | 45.8 | 45.3 | 44.3 | 43.3 | 42.2 | 41.1 | 40.2 | 39.3 | 38.3 |
| 46.25° | 46.8 | 46.5 | 46.2 | 45.9 | 45.6 | 44.6 | 43.5 | 42.4 | 41.3 | 40.3 | 39.3 |
| 45° | 46.8 | 46.8 | 46.7 | 46.3 | 46.0 | 45.7 | 44.9 | 43.7 | 42.5 | 41.3 | 40.3 |
| 43.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.4 | 46.1 | 45.7 | 45.0 | 43.7 | 42.5 | 41.3 |
| 42.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 46.1 | 45.7 | 45.0 | 43.7 | 42.4 |
| 41.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 46.1 | 45.7 | 44.9 | 43.5 |
| 40° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 46.1 | 45.7 | 44.6 |
| 38.75° | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.4 | 46.0 | 45.6 |
| 37.5° | 47.5 | 47.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.3 | 45.9 |
| 36.25° | 48.0 | 47.6 | 47.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.2 |
| 35° | 48.6 | 48.0 | 47.6 | 47.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|
| 33.75° | 49.2 | 48.6 | 48.0 | 47.5 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 32.5° | 49.9 | 49.2 | 48.5 | 47.9 | 47.4 | 46.9 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 31.25° | 50.6 | 49.8 | 49.1 | 48.4 | 47.8 | 47.3 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| 30° | 51.2 | 50.5 | 49.7 | 49.0 | 48.2 | 47.7 | 47.2 | 46.8 | 46.8 | 46.8 | 46.8 |
| 28.75° | 51.8 | 51.1 | 50.3 | 49.5 | 48.7 | 48.0 | 47.5 | 47.0 | 46.8 | 46.8 | 46.8 |
| 27.5° | 52.4 | 51.6 | 50.9 | 50.1 | 49.3 | 48.5 | 47.8 | 47.3 | 46.8 | 46.8 | 46.8 |
| 26.25° | 53.0 | 52.2 | 51.4 | 50.6 | 49.8 | 49.0 | 48.1 | 47.6 | 47.0 | 46.8 | 46.8 |
| 25° | 53.6 | 52.8 | 51.9 | 51.1 | 50.3 | 49.4 | 48.6 | 47.9 | 47.3 | 46.8 | 46.8 |
| 23.75° | 54.1 | 53.3 | 52.5 | 51.6 | 50.8 | 49.9 | 49.0 | 48.2 | 47.6 | 47.0 | 46.8 |
| 22.5° | 54.7 | 53.8 | 53.0 | 52.1 | 51.2 | 50.3 | 49.5 | 48.6 | 47.8 | 47.2 | 46.8 |
| 21.25° | 55.2 | 54.3 | 53.4 | 52.6 | 51.7 | 50.8 | 49.9 | 49.0 | 48.1 | 47.5 | 46.9 |
| 20° | 55.7 | 54.8 | 53.9 | 53.0 | 52.1 | 51.2 | 50.3 | 49.3 | 48.4 | 47.7 | 47.1 |
| 18.75° | 56.1 | 55.2 | 54.3 | 53.4 | 52.5 | 51.6 | 50.6 | 49.7 | 48.8 | 47.9 | 47.3 |
| 17.5° | 56.6 | 55.7 | 54.7 | 53.8 | 52.9 | 51.9 | 51.0 | 50.0 | 49.1 | 48.1 | 47.5 |
| 16.25° | 57.4 | 56.1 | 55.1 | 54.2 | 53.2 | 52.3 | 51.3 | 50.3 | 49.4 | 48.4 | 47.7 |
| 15° | 58.2 | 56.4 | 55.5 | 54.5 | 53.6 | 52.6 | 51.6 | 50.6 | 49.7 | 48.7 | 47.9 |
| 13.75° | 58.9 | 57.0 | 55.8 | 54.8 | 53.9 | 52.9 | 51.9 | 50.9 | 49.9 | 48.9 | 48.0 |
| 12.5° | 59.6 | 57.6 | 56.1 | 55.1 | 54.2 | 53.2 | 52.2 | 51.2 | 50.2 | 49.2 | 48.2 |
| 11.25° | 60.2 | 58.2 | 56.4 | 55.4 | 54.4 | 53.4 | 52.4 | 51.4 | 50.4 | 49.4 | 48.4 |
| 10° | 60.7 | 58.7 | 56.7 | 55.7 | 54.6 | 53.6 | 52.6 | 51.6 | 50.6 | 49.6 | 48.6 |
| 8.75° | 62.1 | 59.2 | 57.2 | 55.9 | 54.9 | 53.8 | 52.8 | 51.8 | 50.8 | 49.7 | 48.7 |
| 7.5° | 63.3 | 59.6 | 57.6 | 56.1 | 55.0 | 54.0 | 53.0 | 52.0 | 50.9 | 49.9 | 48.9 |
| 6.25° | 64.3 | 60.0 | 57.9 | 56.2 | 55.2 | 54.2 | 53.1 | 52.1 | 51.1 | 50.0 | 49.0 |
| 5° | 65.2 | 60.3 | 58.2 | 56.4 | 55.3 | 54.3 | 53.2 | 52.2 | 51.2 | 50.1 | 49.1 |
| 3.75° | 65.9 | 60.5 | 58.4 | 56.5 | 55.4 | 54.4 | 53.3 | 52.3 | 51.2 | 50.2 | 49.2 |
| 2.5° | 66.4 | 60.7 | 58.6 | 56.5 | 55.5 | 54.4 | 53.4 | 52.4 | 51.3 | 50.3 | 49.2 |
| 1.25° | 66.7 | 60.8 | 58.7 | 56.6 | 55.5 | 54.5 | 53.4 | 52.4 | 51.3 | 50.3 | 49.2 |
| 0° | 66.8 | 60.8 | 58.7 | 56.6 | 55.6 | 54.5 | 53.5 | 52.4 | 51.4 | 50.3 | 49.3 |
| -1.25° | 66.7 | 60.8 | 58.7 | 56.6 | 55.5 | 54.5 | 53.4 | 52.4 | 51.3 | 50.3 | 49.2 |
| -2.5° | 66.4 | 60.7 | 58.6 | 56.5 | 55.5 | 54.4 | 53.4 | 52.4 | 51.3 | 50.3 | 49.2 |
| -3.75° | 65.9 | 60.5 | 58.4 | 56.5 | 55.4 | 54.4 | 53.3 | 52.3 | 51.2 | 50.2 | 49.2 |
| -5° | 65.2 | 60.3 | 58.2 | 56.4 | 55.3 | 54.3 | 53.2 | 52.2 | 51.2 | 50.1 | 49.1 |
| -6.25° | 64.3 | 60.0 | 57.9 | 56.2 | 55.2 | 54.2 | 53.1 | 52.1 | 51.1 | 50.0 | 49.0 |
| -7.5° | 63.3 | 59.6 | 57.6 | 56.1 | 55.0 | 54.0 | 53.0 | 52.0 | 50.9 | 49.9 | 48.9 |
| -8.75° | 62.1 | 59.2 | 57.2 | 55.9 | 54.9 | 53.8 | 52.8 | 51.8 | 50.8 | 49.7 | 48.7 |
| -10° | 60.7 | 58.7 | 56.7 | 55.7 | 54.6 | 53.6 | 52.6 | 51.6 | 50.6 | 49.6 | 48.6 |
| -11.25° | 60.2 | 58.2 | 56.4 | 55.4 | 54.4 | 53.4 | 52.4 | 51.4 | 50.4 | 49.4 | 48.4 |
| -12.5° | 59.6 | 57.6 | 56.1 | 55.1 | 54.2 | 53.2 | 52.2 | 51.2 | 50.2 | 49.2 | 48.2 |
| -13.75° | 58.9 | 57.0 | 55.8 | 54.8 | 53.9 | 52.9 | 51.9 | 50.9 | 49.9 | 48.9 | 48.0 |
| -15° | 58.2 | 56.4 | 55.5 | 54.5 | 53.6 | 52.6 | 51.6 | 50.6 | 49.7 | 48.7 | 47.9 |
| -16.25° | 57.4 | 56.1 | 55.1 | 54.2 | 53.2 | 52.3 | 51.3 | 50.3 | 49.4 | 48.4 | 47.7 |
| -17.5° | 56.6 | 55.7 | 54.7 | 53.8 | 52.9 | 51.9 | 51.0 | 50.0 | 49.1 | 48.1 | 47.5 |
| -18.75° | 56.1 | 55.2 | 54.3 | 53.4 | 52.5 | 51.6 | 50.6 | 49.7 | 48.8 | 47.9 | 47.3 |
| -20° | 55.7 | 54.8 | 53.9 | 53.0 | 52.1 | 51.2 | 50.3 | 49.3 | 48.4 | 47.7 | 47.1 |
| -21.25° | 55.2 | 54.3 | 53.4 | 52.6 | 51.7 | 50.8 | 49.9 | 49.0 | 48.1 | 47.5 | 46.9 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|
| -22.5° | 54.7 | 53.8 | 53.0 | 52.1 | 51.2 | 50.3 | 49.5 | 48.6 | 47.8 | 47.2 | 46.8 |
| -23.75° | 54.1 | 53.3 | 52.5 | 51.6 | 50.8 | 49.9 | 49.0 | 48.2 | 47.6 | 47.0 | 46.8 |
| -25° | 53.6 | 52.8 | 51.9 | 51.1 | 50.3 | 49.4 | 48.6 | 47.9 | 47.3 | 46.8 | 46.8 |
| -26.25° | 53.0 | 52.2 | 51.4 | 50.6 | 49.8 | 49.0 | 48.1 | 47.6 | 47.0 | 46.8 | 46.8 |
| -27.5° | 52.4 | 51.6 | 50.9 | 50.1 | 49.3 | 48.5 | 47.8 | 47.3 | 46.8 | 46.8 | 46.8 |
| -28.75° | 51.8 | 51.1 | 50.3 | 49.5 | 48.7 | 48.0 | 47.5 | 47.0 | 46.8 | 46.8 | 46.8 |
| -30° | 51.2 | 50.5 | 49.7 | 49.0 | 48.2 | 47.7 | 47.2 | 46.8 | 46.8 | 46.8 | 46.8 |
| -31.25° | 50.6 | 49.8 | 49.1 | 48.4 | 47.8 | 47.3 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -32.5° | 49.9 | 49.2 | 48.5 | 47.9 | 47.4 | 46.9 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -33.75° | 49.2 | 48.6 | 48.0 | 47.5 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| -35° | 48.6 | 48.0 | 47.6 | 47.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 |
| -36.25° | 48.0 | 47.6 | 47.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.2 |
| -37.5° | 47.5 | 47.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.3 | 45.9 |
| -38.75° | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.4 | 46.0 | 45.6 |
| -40° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 46.1 | 45.7 | 44.6 |
| -41.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 46.1 | 45.7 | 44.9 | 43.5 |
| -42.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 46.1 | 45.7 | 45.0 | 43.7 | 42.4 |
| -43.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.4 | 46.1 | 45.7 | 45.0 | 43.7 | 42.5 | 41.3 |
| -45° | 46.8 | 46.8 | 46.7 | 46.3 | 46.0 | 45.7 | 44.9 | 43.7 | 42.5 | 41.3 | 40.3 |
| -46.25° | 46.8 | 46.5 | 46.2 | 45.9 | 45.6 | 44.6 | 43.5 | 42.4 | 41.3 | 40.3 | 39.3 |
| -47.5° | 46.4 | 46.1 | 45.8 | 45.3 | 44.3 | 43.3 | 42.2 | 41.1 | 40.2 | 39.3 | 38.3 |
| -48.75° | 45.9 | 45.6 | 44.9 | 43.9 | 42.9 | 41.9 | 40.9 | 40.0 | 39.1 | 38.2 | 37.0 |
| -50° | 45.2 | 44.3 | 43.4 | 42.4 | 41.4 | 40.6 | 39.8 | 38.9 | 38.0 | 36.8 | 35.3 |
| -51.25° | 43.6 | 42.7 | 41.8 | 41.0 | 40.2 | 39.4 | 38.6 | 37.8 | 36.4 | 35.0 | 33.7 |
| -52.5° | 42.0 | 41.2 | 40.5 | 39.7 | 39.0 | 38.2 | 37.2 | 35.9 | 34.6 | 33.3 | 32.0 |
| -53.75° | 40.5 | 39.9 | 39.2 | 38.5 | 37.7 | 36.5 | 35.3 | 34.1 | 32.8 | 31.6 | 30.3 |
| -55° | 39.2 | 38.5 | 37.9 | 36.8 | 35.7 | 34.6 | 33.4 | 32.2 | 31.0 | 29.8 | 28.5 |
| -56.25° | 37.8 | 36.8 | 35.8 | 34.8 | 33.7 | 32.6 | 31.5 | 30.4 | 29.2 | 28.0 | 26.8 |
| -57.5° | 35.6 | 34.7 | 33.7 | 32.7 | 31.7 | 30.6 | 29.6 | 28.5 | 27.4 | 26.3 | 25.2 |
| -58.75° | 33.4 | 32.5 | 31.6 | 30.6 | 29.7 | 28.7 | 27.6 | 26.6 | 25.6 | 24.7 | 23.7 |
| -60° | 31.2 | 30.4 | 29.5 | 28.6 | 27.6 | 26.6 | 25.8 | 24.9 | 24.0 | 23.1 | 22.1 |
| -61.25° | 29.0 | 28.2 | 27.3 | 26.5 | 25.7 | 24.9 | 24.1 | 23.2 | 22.3 | 21.5 | 20.7 |
| -62.5° | 26.8 | 26.1 | 25.3 | 24.6 | 23.9 | 23.1 | 22.3 | 21.5 | 20.8 | 20.1 | 19.4 |
| -63.75° | 24.8 | 24.1 | 23.5 | 22.8 | 22.0 | 21.4 | 20.7 | 20.1 | 19.4 | 18.7 | 18.0 |
| -65° | 22.8 | 22.2 | 21.6 | 21.0 | 20.4 | 19.8 | 19.2 | 18.6 | 18.0 | 17.4 | 16.9 |
| -66.25° | 21.0 | 20.5 | 19.9 | 19.4 | 18.9 | 18.3 | 17.7 | 17.2 | 16.8 | 16.4 | 16.0 |
| -67.5° | 19.3 | 18.8 | 18.3 | 17.8 | 17.3 | 17.0 | 16.6 | 16.3 | 15.9 | 15.5 | 15.1 |
| -68.75° | 17.6 | 17.2 | 16.9 | 16.6 | 16.3 | 16.0 | 15.6 | 15.3 | 14.9 | 14.6 | 14.4 |
| -70° | 16.4 | 16.1 | 15.8 | 15.5 | 15.2 | 14.9 | 14.6 | 14.5 | 14.3 | 14.1 | 14.0 |
| -71.25° | 15.3 | 15.0 | 14.7 | 14.6 | 14.4 | 14.3 | 14.1 | 14.0 | 13.8 | 13.7 | 13.5 |
| -72.5° | 14.4 | 14.3 | 14.2 | 14.0 | 13.9 | 13.8 | 13.6 | 13.5 | 13.3 | 13.1 | 12.9 |
| -73.75° | 13.8 | 13.7 | 13.6 | 13.5 | 13.4 | 13.2 | 13.0 | 12.8 | 12.6 | 12.4 | 12.2 |
| -75° | 13.2 | 13.1 | 12.9 | 12.8 | 12.6 | 12.4 | 12.2 | 12.0 | 11.9 | 11.7 | 11.5 |
| -76.25° | 12.4 | 12.2 | 12.1 | 11.9 | 11.8 | 11.6 | 11.4 | 11.3 | 11.1 | 10.8 | 10.6 |
| -77.5° | 11.5 | 11.4 | 11.2 | 11.1 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.9 | 9.6 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|------|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| -78.75° | 10.5 | 10.3 | 10.1 | 10.0 | 9.8 | 9.6 | 9.4 | 9.3 | 9.1 | 8.9 | 8.7 |
| -80° | 9.3 | 9.2 | 9.0 | 8.9 | 8.7 | 8.6 | 8.4 | 8.2 | 8.1 | 7.9 | 7.7 |
| -81.25° | 8.1 | 8.0 | 7.9 | 7.8 | 7.6 | 7.5 | 7.4 | 7.2 | 7.1 | 6.9 | 6.8 |
| -82.5° | 7.0 | 6.9 | 6.8 | 6.7 | 6.5 | 6.4 | 6.3 | 6.2 | 6.1 | 5.9 | 5.8 |
| -83.75° | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.0 | 4.9 | 4.8 | 4.6 |
| -85° | 4.4 | 4.3 | 4.2 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.7 | 3.5 | 3.4 |
| -86.25° | 3.0 | 2.9 | 2.8 | 2.8 | 2.7 | 2.6 | 2.5 | 2.5 | 2.4 | 2.3 | 2.2 |
| -87.5° | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 |
| -88.75° | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 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: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 |
| 87.5° | 1.4 | 1.4 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 |
| 86.25° | 2.1 | 2.1 | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 |
| 85° | 3.3 | 3.2 | 3.1 | 3.0 | 2.9 | 2.7 | 2.6 | 2.5 | 2.4 | 2.2 | 2.1 |
| 83.75° | 4.5 | 4.4 | 4.2 | 4.1 | 3.9 | 3.8 | 3.6 | 3.5 | 3.3 | 3.1 | 3.0 |
| 82.5° | 5.7 | 5.5 | 5.3 | 5.2 | 5.0 | 4.8 | 4.6 | 4.4 | 4.2 | 4.0 | 3.8 |
| 81.25° | 6.6 | 6.4 | 6.3 | 6.1 | 6.0 | 5.8 | 5.6 | 5.4 | 5.2 | 4.9 | 4.7 |
| 80° | 7.5 | 7.4 | 7.2 | 7.0 | 6.8 | 6.6 | 6.4 | 6.2 | 6.0 | 5.8 | 5.6 |
| 78.75° | 8.5 | 8.3 | 8.1 | 7.9 | 7.6 | 7.4 | 7.2 | 7.0 | 6.7 | 6.5 | 6.3 |
| 77.5° | 9.4 | 9.2 | 9.0 | 8.7 | 8.5 | 8.2 | 8.0 | 7.7 | 7.5 | 7.2 | 7.0 |
| 76.25° | 10.3 | 10.1 | 9.8 | 9.6 | 9.3 | 9.0 | 8.8 | 8.5 | 8.2 | 7.9 | 7.6 |
| 75° | 11.3 | 11.0 | 10.7 | 10.4 | 10.2 | 9.9 | 9.6 | 9.3 | 9.0 | 8.6 | 8.3 |
| 73.75° | 12.0 | 11.7 | 11.5 | 11.3 | 11.0 | 10.7 | 10.3 | 10.0 | 9.7 | 9.3 | 9.0 |
| 72.5° | 12.6 | 12.4 | 12.2 | 11.9 | 11.7 | 11.4 | 11.1 | 10.8 | 10.4 | 10.1 | 9.7 |
| 71.25° | 13.3 | 13.1 | 12.8 | 12.5 | 12.3 | 12.0 | 11.7 | 11.4 | 11.1 | 10.8 | 10.4 |
| 70° | 13.8 | 13.6 | 13.4 | 13.2 | 12.9 | 12.6 | 12.3 | 12.0 | 11.7 | 11.4 | 11.0 |
| 68.75° | 14.2 | 14.0 | 13.8 | 13.6 | 13.4 | 13.2 | 12.9 | 12.6 | 12.2 | 11.9 | 11.6 |
| 67.5° | 14.7 | 14.5 | 14.3 | 14.1 | 13.8 | 13.6 | 13.4 | 13.1 | 12.8 | 12.4 | 12.1 |
| 66.25° | 15.6 | 15.1 | 14.7 | 14.5 | 14.2 | 14.0 | 13.8 | 13.5 | 13.3 | 12.9 | 12.6 |
| 65° | 16.5 | 16.0 | 15.6 | 15.1 | 14.6 | 14.4 | 14.2 | 13.9 | 13.6 | 13.4 | 13.0 |
| 63.75° | 17.4 | 16.9 | 16.4 | 15.9 | 15.4 | 14.9 | 14.5 | 14.3 | 14.0 | 13.7 | 13.5 |
| 62.5° | 18.6 | 17.9 | 17.2 | 16.7 | 16.2 | 15.6 | 15.1 | 14.6 | 14.3 | 14.1 | 13.8 |
| 61.25° | 20.0 | 19.2 | 18.4 | 17.5 | 17.0 | 16.4 | 15.8 | 15.3 | 14.7 | 14.4 | 14.1 |
| 60° | 21.3 | 20.4 | 19.6 | 18.7 | 17.9 | 17.2 | 16.6 | 16.0 | 15.4 | 14.7 | 14.4 |
| 58.75° | 22.7 | 21.7 | 20.8 | 19.9 | 19.0 | 18.1 | 17.3 | 16.7 | 16.0 | 15.4 | 14.7 |
| 57.5° | 24.2 | 23.2 | 22.1 | 21.1 | 20.2 | 19.2 | 18.3 | 17.4 | 16.7 | 16.0 | 15.4 |
| 56.25° | 25.7 | 24.6 | 23.5 | 22.4 | 21.3 | 20.3 | 19.3 | 18.3 | 17.4 | 16.7 | 16.0 |
| 55° | 27.3 | 26.1 | 24.9 | 23.7 | 22.6 | 21.4 | 20.4 | 19.3 | 18.3 | 17.3 | 16.6 |
| 53.75° | 28.9 | 27.6 | 26.3 | 25.1 | 23.9 | 22.6 | 21.4 | 20.3 | 19.2 | 18.1 | 17.2 |
| 52.5° | 30.6 | 29.2 | 27.8 | 26.4 | 25.1 | 23.9 | 22.6 | 21.3 | 20.2 | 19.0 | 17.9 |
| 51.25° | 32.2 | 30.8 | 29.3 | 27.9 | 26.4 | 25.1 | 23.7 | 22.4 | 21.1 | 19.9 | 18.7 |
| 50° | 33.9 | 32.4 | 30.9 | 29.3 | 27.8 | 26.3 | 24.9 | 23.5 | 22.1 | 20.8 | 19.6 |
| 48.75° | 35.5 | 33.9 | 32.4 | 30.8 | 29.2 | 27.6 | 26.1 | 24.6 | 23.2 | 21.7 | 20.4 |
| 47.5° | 37.0 | 35.5 | 33.9 | 32.2 | 30.6 | 28.9 | 27.3 | 25.7 | 24.2 | 22.7 | 21.3 |
| 46.25° | 38.3 | 37.0 | 35.3 | 33.7 | 32.0 | 30.3 | 28.5 | 26.8 | 25.2 | 23.7 | 22.1 |
| 45° | 39.3 | 38.2 | 36.8 | 35.0 | 33.3 | 31.6 | 29.8 | 28.0 | 26.3 | 24.7 | 23.1 |
| 43.75° | 40.2 | 39.1 | 38.0 | 36.4 | 34.6 | 32.8 | 31.0 | 29.2 | 27.4 | 25.6 | 24.0 |
| 42.5° | 41.1 | 40.0 | 38.9 | 37.8 | 35.9 | 34.1 | 32.2 | 30.4 | 28.5 | 26.6 | 24.9 |
| 41.25° | 42.2 | 40.9 | 39.8 | 38.6 | 37.2 | 35.3 | 33.4 | 31.5 | 29.6 | 27.6 | 25.8 |
| 40° | 43.3 | 41.9 | 40.6 | 39.4 | 38.2 | 36.5 | 34.6 | 32.6 | 30.6 | 28.7 | 26.6 |
| 38.75° | 44.3 | 42.9 | 41.4 | 40.2 | 39.0 | 37.7 | 35.7 | 33.7 | 31.7 | 29.7 | 27.6 |
| 37.5° | 45.3 | 43.9 | 42.4 | 41.0 | 39.7 | 38.5 | 36.8 | 34.8 | 32.7 | 30.6 | 28.6 |
| 36.25° | 45.8 | 44.9 | 43.4 | 41.8 | 40.5 | 39.2 | 37.9 | 35.8 | 33.7 | 31.6 | 29.5 |
| 35° | 46.1 | 45.6 | 44.3 | 42.7 | 41.2 | 39.9 | 38.5 | 36.8 | 34.7 | 32.5 | 30.4 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|
| 33.75° | 46.4 | 45.9 | 45.2 | 43.6 | 42.0 | 40.5 | 39.2 | 37.8 | 35.6 | 33.4 | 31.2 |
| 32.5° | 46.7 | 46.2 | 45.7 | 44.4 | 42.8 | 41.2 | 39.8 | 38.4 | 36.6 | 34.3 | 32.1 |
| 31.25° | 46.8 | 46.4 | 45.9 | 45.3 | 43.6 | 41.9 | 40.4 | 39.0 | 37.5 | 35.2 | 32.9 |
| 30° | 46.8 | 46.7 | 46.2 | 45.7 | 44.4 | 42.6 | 41.0 | 39.6 | 38.1 | 36.0 | 33.7 |
| 28.75° | 46.8 | 46.8 | 46.4 | 45.9 | 45.1 | 43.4 | 41.6 | 40.1 | 38.6 | 36.8 | 34.4 |
| 27.5° | 46.8 | 46.8 | 46.7 | 46.1 | 45.6 | 44.0 | 42.3 | 40.6 | 39.1 | 37.6 | 35.2 |
| 26.25° | 46.8 | 46.8 | 46.8 | 46.4 | 45.8 | 44.7 | 42.9 | 41.1 | 39.6 | 38.1 | 35.9 |
| 25° | 46.8 | 46.8 | 46.8 | 46.6 | 46.0 | 45.3 | 43.5 | 41.7 | 40.1 | 38.6 | 36.6 |
| 23.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.2 | 45.6 | 44.1 | 42.2 | 40.5 | 39.0 | 37.2 |
| 22.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.4 | 45.8 | 44.7 | 42.8 | 41.0 | 39.4 | 37.8 |
| 21.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 46.0 | 45.2 | 43.3 | 41.4 | 39.8 | 38.2 |
| 20° | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.2 | 45.6 | 43.8 | 41.8 | 40.1 | 38.5 |
| 18.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.3 | 45.7 | 44.2 | 42.3 | 40.5 | 38.9 |
| 17.5° | 46.9 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 45.8 | 44.7 | 42.7 | 40.8 | 39.2 |
| 16.25° | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 46.0 | 45.1 | 43.1 | 41.1 | 39.5 |
| 15° | 47.2 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.1 | 45.4 | 43.4 | 41.4 | 39.7 |
| 13.75° | 47.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.2 | 45.6 | 43.8 | 41.7 | 40.0 |
| 12.5° | 47.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.3 | 45.7 | 44.1 | 42.0 | 40.2 |
| 11.25° | 47.6 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.4 | 45.8 | 44.3 | 42.3 | 40.4 |
| 10° | 47.8 | 47.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 45.8 | 44.6 | 42.5 | 40.6 |
| 8.75° | 47.9 | 47.2 | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 45.9 | 44.8 | 42.7 | 40.8 |
| 7.5° | 47.9 | 47.3 | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 46.0 | 45.0 | 42.9 | 40.9 |
| 6.25° | 48.0 | 47.3 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.0 | 45.1 | 43.1 | 41.0 |
| 5° | 48.1 | 47.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.1 | 45.3 | 43.2 | 41.1 |
| 3.75° | 48.1 | 47.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.1 | 45.4 | 43.3 | 41.2 |
| 2.5° | 48.2 | 47.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.1 | 45.4 | 43.3 | 41.3 |
| 1.25° | 48.2 | 47.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.1 | 45.5 | 43.4 | 41.3 |
| 0° | 48.2 | 47.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.2 | 45.5 | 43.4 | 41.3 |
| -1.25° | 48.2 | 47.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.1 | 45.5 | 43.4 | 41.3 |
| -2.5° | 48.2 | 47.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.1 | 45.4 | 43.3 | 41.3 |
| -3.75° | 48.1 | 47.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.1 | 45.4 | 43.3 | 41.2 |
| -5° | 48.1 | 47.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.1 | 45.3 | 43.2 | 41.1 |
| -6.25° | 48.0 | 47.3 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.0 | 45.1 | 43.1 | 41.0 |
| -7.5° | 47.9 | 47.3 | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 46.0 | 45.0 | 42.9 | 40.9 |
| -8.75° | 47.9 | 47.2 | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 45.9 | 44.8 | 42.7 | 40.8 |
| -10° | 47.8 | 47.1 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 45.8 | 44.6 | 42.5 | 40.6 |
| -11.25° | 47.6 | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.4 | 45.8 | 44.3 | 42.3 | 40.4 |
| -12.5° | 47.5 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.3 | 45.7 | 44.1 | 42.0 | 40.2 |
| -13.75° | 47.4 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.2 | 45.6 | 43.8 | 41.7 | 40.0 |
| -15° | 47.2 | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.1 | 45.4 | 43.4 | 41.4 | 39.7 |
| -16.25° | 47.0 | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 46.0 | 45.1 | 43.1 | 41.1 | 39.5 |
| -17.5° | 46.9 | 46.8 | 46.8 | 46.8 | 46.8 | 46.5 | 45.8 | 44.7 | 42.7 | 40.8 | 39.2 |
| -18.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.3 | 45.7 | 44.2 | 42.3 | 40.5 | 38.9 |
| -20° | 46.8 | 46.8 | 46.8 | 46.8 | 46.7 | 46.2 | 45.6 | 43.8 | 41.8 | 40.1 | 38.5 |
| -21.25° | 46.8 | 46.8 | 46.8 | 46.8 | 46.6 | 46.0 | 45.2 | 43.3 | 41.4 | 39.8 | 38.2 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|
| -22.5° | 46.8 | 46.8 | 46.8 | 46.8 | 46.4 | 45.8 | 44.7 | 42.8 | 41.0 | 39.4 | 37.8 |
| -23.75° | 46.8 | 46.8 | 46.8 | 46.8 | 46.2 | 45.6 | 44.1 | 42.2 | 40.5 | 39.0 | 37.2 |
| -25° | 46.8 | 46.8 | 46.8 | 46.6 | 46.0 | 45.3 | 43.5 | 41.7 | 40.1 | 38.6 | 36.6 |
| -26.25° | 46.8 | 46.8 | 46.8 | 46.4 | 45.8 | 44.7 | 42.9 | 41.1 | 39.6 | 38.1 | 35.9 |
| -27.5° | 46.8 | 46.8 | 46.7 | 46.1 | 45.6 | 44.0 | 42.3 | 40.6 | 39.1 | 37.6 | 35.2 |
| -28.75° | 46.8 | 46.8 | 46.4 | 45.9 | 45.1 | 43.4 | 41.6 | 40.1 | 38.6 | 36.8 | 34.4 |
| -30° | 46.8 | 46.7 | 46.2 | 45.7 | 44.4 | 42.6 | 41.0 | 39.6 | 38.1 | 36.0 | 33.7 |
| -31.25° | 46.8 | 46.4 | 45.9 | 45.3 | 43.6 | 41.9 | 40.4 | 39.0 | 37.5 | 35.2 | 32.9 |
| -32.5° | 46.7 | 46.2 | 45.7 | 44.4 | 42.8 | 41.2 | 39.8 | 38.4 | 36.6 | 34.3 | 32.1 |
| -33.75° | 46.4 | 45.9 | 45.2 | 43.6 | 42.0 | 40.5 | 39.2 | 37.8 | 35.6 | 33.4 | 31.2 |
| -35° | 46.1 | 45.6 | 44.3 | 42.7 | 41.2 | 39.9 | 38.5 | 36.8 | 34.7 | 32.5 | 30.4 |
| -36.25° | 45.8 | 44.9 | 43.4 | 41.8 | 40.5 | 39.2 | 37.9 | 35.8 | 33.7 | 31.6 | 29.5 |
| -37.5° | 45.3 | 43.9 | 42.4 | 41.0 | 39.7 | 38.5 | 36.8 | 34.8 | 32.7 | 30.6 | 28.6 |
| -38.75° | 44.3 | 42.9 | 41.4 | 40.2 | 39.0 | 37.7 | 35.7 | 33.7 | 31.7 | 29.7 | 27.6 |
| -40° | 43.3 | 41.9 | 40.6 | 39.4 | 38.2 | 36.5 | 34.6 | 32.6 | 30.6 | 28.7 | 26.6 |
| -41.25° | 42.2 | 40.9 | 39.8 | 38.6 | 37.2 | 35.3 | 33.4 | 31.5 | 29.6 | 27.6 | 25.8 |
| -42.5° | 41.1 | 40.0 | 38.9 | 37.8 | 35.9 | 34.1 | 32.2 | 30.4 | 28.5 | 26.6 | 24.9 |
| -43.75° | 40.2 | 39.1 | 38.0 | 36.4 | 34.6 | 32.8 | 31.0 | 29.2 | 27.4 | 25.6 | 24.0 |
| -45° | 39.3 | 38.2 | 36.8 | 35.0 | 33.3 | 31.6 | 29.8 | 28.0 | 26.3 | 24.7 | 23.1 |
| -46.25° | 38.3 | 37.0 | 35.3 | 33.7 | 32.0 | 30.3 | 28.5 | 26.8 | 25.2 | 23.7 | 22.1 |
| -47.5° | 37.0 | 35.5 | 33.9 | 32.2 | 30.6 | 28.9 | 27.3 | 25.7 | 24.2 | 22.7 | 21.3 |
| -48.75° | 35.5 | 33.9 | 32.4 | 30.8 | 29.2 | 27.6 | 26.1 | 24.6 | 23.2 | 21.7 | 20.4 |
| -50° | 33.9 | 32.4 | 30.9 | 29.3 | 27.8 | 26.3 | 24.9 | 23.5 | 22.1 | 20.8 | 19.6 |
| -51.25° | 32.2 | 30.8 | 29.3 | 27.9 | 26.4 | 25.1 | 23.7 | 22.4 | 21.1 | 19.9 | 18.7 |
| -52.5° | 30.6 | 29.2 | 27.8 | 26.4 | 25.1 | 23.9 | 22.6 | 21.3 | 20.2 | 19.0 | 17.9 |
| -53.75° | 28.9 | 27.6 | 26.3 | 25.1 | 23.9 | 22.6 | 21.4 | 20.3 | 19.2 | 18.1 | 17.2 |
| -55° | 27.3 | 26.1 | 24.9 | 23.7 | 22.6 | 21.4 | 20.4 | 19.3 | 18.3 | 17.3 | 16.6 |
| -56.25° | 25.7 | 24.6 | 23.5 | 22.4 | 21.3 | 20.3 | 19.3 | 18.3 | 17.4 | 16.7 | 16.0 |
| -57.5° | 24.2 | 23.2 | 22.1 | 21.1 | 20.2 | 19.2 | 18.3 | 17.4 | 16.7 | 16.0 | 15.4 |
| -58.75° | 22.7 | 21.7 | 20.8 | 19.9 | 19.0 | 18.1 | 17.3 | 16.7 | 16.0 | 15.4 | 14.7 |
| -60° | 21.3 | 20.4 | 19.6 | 18.7 | 17.9 | 17.2 | 16.6 | 16.0 | 15.4 | 14.7 | 14.4 |
| -61.25° | 20.0 | 19.2 | 18.4 | 17.5 | 17.0 | 16.4 | 15.8 | 15.3 | 14.7 | 14.4 | 14.1 |
| -62.5° | 18.6 | 17.9 | 17.2 | 16.7 | 16.2 | 15.6 | 15.1 | 14.6 | 14.3 | 14.1 | 13.8 |
| -63.75° | 17.4 | 16.9 | 16.4 | 15.9 | 15.4 | 14.9 | 14.5 | 14.3 | 14.0 | 13.7 | 13.5 |
| -65° | 16.5 | 16.0 | 15.6 | 15.1 | 14.6 | 14.4 | 14.2 | 13.9 | 13.6 | 13.4 | 13.0 |
| -66.25° | 15.6 | 15.1 | 14.7 | 14.5 | 14.2 | 14.0 | 13.8 | 13.5 | 13.3 | 12.9 | 12.6 |
| -67.5° | 14.7 | 14.5 | 14.3 | 14.1 | 13.8 | 13.6 | 13.4 | 13.1 | 12.8 | 12.4 | 12.1 |
| -68.75° | 14.2 | 14.0 | 13.8 | 13.6 | 13.4 | 13.2 | 12.9 | 12.6 | 12.2 | 11.9 | 11.6 |
| -70° | 13.8 | 13.6 | 13.4 | 13.2 | 12.9 | 12.6 | 12.3 | 12.0 | 11.7 | 11.4 | 11.0 |
| -71.25° | 13.3 | 13.1 | 12.8 | 12.5 | 12.3 | 12.0 | 11.7 | 11.4 | 11.1 | 10.8 | 10.4 |
| -72.5° | 12.6 | 12.4 | 12.2 | 11.9 | 11.7 | 11.4 | 11.1 | 10.8 | 10.4 | 10.1 | 9.7 |
| -73.75° | 12.0 | 11.7 | 11.5 | 11.3 | 11.0 | 10.7 | 10.3 | 10.0 | 9.7 | 9.3 | 9.0 |
| -75° | 11.3 | 11.0 | 10.7 | 10.4 | 10.2 | 9.9 | 9.6 | 9.3 | 9.0 | 8.6 | 8.3 |
| -76.25° | 10.3 | 10.1 | 9.8 | 9.6 | 9.3 | 9.0 | 8.8 | 8.5 | 8.2 | 7.9 | 7.6 |
| -77.5° | 9.4 | 9.2 | 9.0 | 8.7 | 8.5 | 8.2 | 8.0 | 7.7 | 7.5 | 7.2 | 7.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -78.75° | 8.5 | 8.3 | 8.1 | 7.9 | 7.6 | 7.4 | 7.2 | 7.0 | 6.7 | 6.5 | 6.3 |
| -80° | 7.5 | 7.4 | 7.2 | 7.0 | 6.8 | 6.6 | 6.4 | 6.2 | 6.0 | 5.8 | 5.6 |
| -81.25° | 6.6 | 6.4 | 6.3 | 6.1 | 6.0 | 5.8 | 5.6 | 5.4 | 5.2 | 4.9 | 4.7 |
| -82.5° | 5.7 | 5.5 | 5.3 | 5.2 | 5.0 | 4.8 | 4.6 | 4.4 | 4.2 | 4.0 | 3.8 |
| -83.75° | 4.5 | 4.4 | 4.2 | 4.1 | 3.9 | 3.8 | 3.6 | 3.5 | 3.3 | 3.1 | 3.0 |
| -85° | 3.3 | 3.2 | 3.1 | 3.0 | 2.9 | 2.7 | 2.6 | 2.5 | 2.4 | 2.2 | 2.1 |
| -86.25° | 2.1 | 2.1 | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 |
| -87.5° | 1.4 | 1.4 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.0 |
| -88.75° | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 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: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|--------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 |
| 87.5° | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 |
| 86.25° | 1.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 | 0.9 | 0.9 |
| 85° | 2.0 | 1.9 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 |
| 83.75° | 2.8 | 2.6 | 2.5 | 2.3 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 |
| 82.5° | 3.6 | 3.4 | 3.2 | 3.0 | 2.8 | 2.6 | 2.4 | 2.2 | 2.0 | 1.9 | 1.8 |
| 81.25° | 4.5 | 4.2 | 4.0 | 3.8 | 3.5 | 3.3 | 3.0 | 2.8 | 2.5 | 2.3 | 2.0 |
| 80° | 5.3 | 5.0 | 4.8 | 4.5 | 4.2 | 3.9 | 3.7 | 3.4 | 3.1 | 2.8 | 2.5 |
| 78.75° | 6.0 | 5.8 | 5.5 | 5.2 | 4.9 | 4.6 | 4.3 | 4.0 | 3.6 | 3.3 | 3.0 |
| 77.5° | 6.7 | 6.4 | 6.2 | 5.9 | 5.6 | 5.3 | 4.9 | 4.5 | 4.2 | 3.8 | 3.5 |
| 76.25° | 7.4 | 7.1 | 6.8 | 6.5 | 6.2 | 5.8 | 5.5 | 5.1 | 4.7 | 4.3 | 3.9 |
| 75° | 8.0 | 7.7 | 7.4 | 7.0 | 6.7 | 6.4 | 6.0 | 5.7 | 5.3 | 4.8 | 4.4 |
| 73.75° | 8.7 | 8.3 | 8.0 | 7.6 | 7.2 | 6.9 | 6.5 | 6.2 | 5.8 | 5.4 | 4.9 |
| 72.5° | 9.3 | 8.9 | 8.6 | 8.2 | 7.8 | 7.4 | 7.0 | 6.6 | 6.2 | 5.8 | 5.4 |
| 71.25° | 10.0 | 9.6 | 9.2 | 8.7 | 8.3 | 7.9 | 7.5 | 7.1 | 6.6 | 6.2 | 5.8 |
| 70° | 10.6 | 10.2 | 9.7 | 9.3 | 8.9 | 8.4 | 8.0 | 7.5 | 7.1 | 6.6 | 6.2 |
| 68.75° | 11.2 | 10.8 | 10.3 | 9.9 | 9.4 | 8.9 | 8.5 | 8.0 | 7.5 | 7.0 | 6.5 |
| 67.5° | 11.7 | 11.3 | 10.9 | 10.4 | 9.9 | 9.4 | 8.9 | 8.4 | 7.9 | 7.4 | 6.9 |
| 66.25° | 12.2 | 11.8 | 11.4 | 11.0 | 10.5 | 9.9 | 9.4 | 8.9 | 8.3 | 7.8 | 7.2 |
| 65° | 12.7 | 12.3 | 11.8 | 11.4 | 11.0 | 10.4 | 9.9 | 9.3 | 8.7 | 8.2 | 7.6 |
| 63.75° | 13.1 | 12.7 | 12.3 | 11.8 | 11.4 | 10.9 | 10.3 | 9.7 | 9.2 | 8.6 | 8.0 |
| 62.5° | 13.5 | 13.1 | 12.7 | 12.3 | 11.8 | 11.3 | 10.8 | 10.2 | 9.6 | 8.9 | 8.3 |
| 61.25° | 13.8 | 13.5 | 13.1 | 12.7 | 12.2 | 11.7 | 11.2 | 10.6 | 10.0 | 9.3 | 8.7 |
| 60° | 14.1 | 13.8 | 13.5 | 13.0 | 12.6 | 12.1 | 11.6 | 11.0 | 10.4 | 9.7 | 9.0 |
| 58.75° | 14.4 | 14.1 | 13.7 | 13.4 | 12.9 | 12.4 | 11.9 | 11.4 | 10.8 | 10.1 | 9.3 |
| 57.5° | 14.7 | 14.3 | 14.0 | 13.6 | 13.3 | 12.8 | 12.2 | 11.7 | 11.1 | 10.4 | 9.7 |
| 56.25° | 15.3 | 14.6 | 14.3 | 13.9 | 13.5 | 13.1 | 12.6 | 12.0 | 11.4 | 10.8 | 10.0 |
| 55° | 15.8 | 15.1 | 14.5 | 14.2 | 13.8 | 13.4 | 12.9 | 12.3 | 11.7 | 11.1 | 10.3 |
| 53.75° | 16.4 | 15.6 | 14.9 | 14.4 | 14.0 | 13.6 | 13.2 | 12.6 | 12.0 | 11.4 | 10.7 |
| 52.5° | 17.0 | 16.2 | 15.4 | 14.6 | 14.2 | 13.8 | 13.4 | 12.9 | 12.3 | 11.7 | 11.0 |
| 51.25° | 17.5 | 16.7 | 15.9 | 15.1 | 14.5 | 14.1 | 13.6 | 13.2 | 12.5 | 11.9 | 11.3 |
| 50° | 18.4 | 17.2 | 16.4 | 15.6 | 14.7 | 14.3 | 13.8 | 13.4 | 12.8 | 12.2 | 11.5 |
| 48.75° | 19.2 | 17.9 | 16.9 | 16.0 | 15.1 | 14.5 | 14.0 | 13.6 | 13.1 | 12.4 | 11.7 |
| 47.5° | 20.0 | 18.6 | 17.4 | 16.5 | 15.6 | 14.7 | 14.2 | 13.8 | 13.3 | 12.6 | 12.0 |
| 46.25° | 20.7 | 19.4 | 18.0 | 16.9 | 16.0 | 15.1 | 14.4 | 14.0 | 13.5 | 12.9 | 12.2 |
| 45° | 21.5 | 20.1 | 18.7 | 17.4 | 16.4 | 15.5 | 14.6 | 14.1 | 13.7 | 13.1 | 12.4 |
| 43.75° | 22.3 | 20.8 | 19.4 | 18.0 | 16.8 | 15.9 | 14.9 | 14.3 | 13.8 | 13.3 | 12.6 |
| 42.5° | 23.2 | 21.5 | 20.1 | 18.6 | 17.2 | 16.3 | 15.3 | 14.5 | 14.0 | 13.5 | 12.8 |
| 41.25° | 24.1 | 22.3 | 20.7 | 19.2 | 17.7 | 16.6 | 15.6 | 14.6 | 14.1 | 13.6 | 13.0 |
| 40° | 24.9 | 23.1 | 21.4 | 19.8 | 18.3 | 17.0 | 16.0 | 14.9 | 14.3 | 13.8 | 13.2 |
| 38.75° | 25.7 | 23.9 | 22.0 | 20.4 | 18.9 | 17.3 | 16.3 | 15.2 | 14.4 | 13.9 | 13.4 |
| 37.5° | 26.5 | 24.6 | 22.8 | 21.0 | 19.4 | 17.8 | 16.6 | 15.5 | 14.6 | 14.0 | 13.5 |
| 36.25° | 27.3 | 25.3 | 23.5 | 21.6 | 19.9 | 18.3 | 16.9 | 15.8 | 14.7 | 14.2 | 13.6 |
| 35° | 28.2 | 26.1 | 24.1 | 22.2 | 20.5 | 18.8 | 17.2 | 16.1 | 15.0 | 14.3 | 13.7 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|
| 33.75° | 29.0 | 26.8 | 24.8 | 22.8 | 21.0 | 19.3 | 17.6 | 16.4 | 15.3 | 14.4 | 13.8 |
| 32.5° | 29.8 | 27.5 | 25.4 | 23.4 | 21.5 | 19.7 | 18.0 | 16.7 | 15.5 | 14.5 | 13.9 |
| 31.25° | 30.6 | 28.3 | 26.0 | 24.0 | 22.0 | 20.2 | 18.4 | 16.9 | 15.8 | 14.6 | 14.1 |
| 30° | 31.3 | 29.0 | 26.6 | 24.6 | 22.5 | 20.6 | 18.8 | 17.2 | 16.0 | 14.8 | 14.2 |
| 28.75° | 32.1 | 29.7 | 27.3 | 25.1 | 23.0 | 21.0 | 19.2 | 17.4 | 16.2 | 15.0 | 14.3 |
| 27.5° | 32.8 | 30.4 | 27.9 | 25.7 | 23.5 | 21.4 | 19.6 | 17.8 | 16.5 | 15.2 | 14.3 |
| 26.25° | 33.4 | 31.0 | 28.6 | 26.2 | 24.0 | 21.8 | 20.0 | 18.1 | 16.7 | 15.4 | 14.4 |
| 25° | 34.1 | 31.6 | 29.1 | 26.6 | 24.5 | 22.3 | 20.3 | 18.4 | 16.9 | 15.6 | 14.5 |
| 23.75° | 34.7 | 32.2 | 29.7 | 27.2 | 24.9 | 22.7 | 20.6 | 18.7 | 17.1 | 15.8 | 14.6 |
| 22.5° | 35.3 | 32.8 | 30.2 | 27.7 | 25.3 | 23.1 | 21.0 | 19.0 | 17.2 | 16.0 | 14.7 |
| 21.25° | 35.9 | 33.3 | 30.7 | 28.2 | 25.7 | 23.5 | 21.3 | 19.3 | 17.4 | 16.1 | 14.8 |
| 20° | 36.4 | 33.8 | 31.2 | 28.6 | 26.1 | 23.8 | 21.6 | 19.6 | 17.6 | 16.3 | 15.0 |
| 18.75° | 36.9 | 34.3 | 31.7 | 29.0 | 26.4 | 24.1 | 21.8 | 19.8 | 17.9 | 16.4 | 15.1 |
| 17.5° | 37.4 | 34.7 | 32.1 | 29.4 | 26.8 | 24.5 | 22.1 | 20.1 | 18.1 | 16.6 | 15.2 |
| 16.25° | 37.8 | 35.1 | 32.5 | 29.8 | 27.2 | 24.7 | 22.4 | 20.3 | 18.3 | 16.7 | 15.4 |
| 15° | 38.1 | 35.5 | 32.9 | 30.2 | 27.5 | 25.0 | 22.7 | 20.5 | 18.5 | 16.8 | 15.5 |
| 13.75° | 38.3 | 35.9 | 33.2 | 30.5 | 27.8 | 25.3 | 22.9 | 20.7 | 18.7 | 16.9 | 15.6 |
| 12.5° | 38.5 | 36.2 | 33.5 | 30.8 | 28.1 | 25.5 | 23.1 | 20.9 | 18.8 | 17.0 | 15.7 |
| 11.25° | 38.7 | 36.5 | 33.8 | 31.1 | 28.3 | 25.7 | 23.3 | 21.0 | 19.0 | 17.1 | 15.7 |
| 10° | 38.9 | 36.8 | 34.0 | 31.3 | 28.5 | 25.9 | 23.5 | 21.2 | 19.1 | 17.2 | 15.8 |
| 8.75° | 39.0 | 37.0 | 34.3 | 31.5 | 28.7 | 26.1 | 23.6 | 21.3 | 19.2 | 17.3 | 15.9 |
| 7.5° | 39.2 | 37.2 | 34.5 | 31.7 | 28.9 | 26.2 | 23.8 | 21.4 | 19.3 | 17.3 | 15.9 |
| 6.25° | 39.3 | 37.4 | 34.6 | 31.8 | 29.1 | 26.3 | 23.9 | 21.5 | 19.4 | 17.4 | 16.0 |
| 5° | 39.4 | 37.5 | 34.8 | 32.0 | 29.2 | 26.4 | 24.0 | 21.6 | 19.5 | 17.4 | 16.0 |
| 3.75° | 39.5 | 37.7 | 34.9 | 32.1 | 29.3 | 26.5 | 24.1 | 21.6 | 19.5 | 17.5 | 16.1 |
| 2.5° | 39.5 | 37.7 | 34.9 | 32.1 | 29.3 | 26.6 | 24.1 | 21.7 | 19.6 | 17.5 | 16.1 |
| 1.25° | 39.5 | 37.8 | 35.0 | 32.2 | 29.4 | 26.6 | 24.1 | 21.7 | 19.6 | 17.5 | 16.1 |
| 0° | 39.6 | 37.8 | 35.0 | 32.2 | 29.4 | 26.6 | 24.2 | 21.7 | 19.6 | 17.5 | 16.1 |
| -1.25° | 39.5 | 37.8 | 35.0 | 32.2 | 29.4 | 26.6 | 24.1 | 21.7 | 19.6 | 17.5 | 16.1 |
| -2.5° | 39.5 | 37.7 | 34.9 | 32.1 | 29.3 | 26.6 | 24.1 | 21.7 | 19.6 | 17.5 | 16.1 |
| -3.75° | 39.5 | 37.7 | 34.9 | 32.1 | 29.3 | 26.5 | 24.1 | 21.6 | 19.5 | 17.5 | 16.1 |
| -5° | 39.4 | 37.5 | 34.8 | 32.0 | 29.2 | 26.4 | 24.0 | 21.6 | 19.5 | 17.4 | 16.0 |
| -6.25° | 39.3 | 37.4 | 34.6 | 31.8 | 29.1 | 26.3 | 23.9 | 21.5 | 19.4 | 17.4 | 16.0 |
| -7.5° | 39.2 | 37.2 | 34.5 | 31.7 | 28.9 | 26.2 | 23.8 | 21.4 | 19.3 | 17.3 | 15.9 |
| -8.75° | 39.0 | 37.0 | 34.3 | 31.5 | 28.7 | 26.1 | 23.6 | 21.3 | 19.2 | 17.3 | 15.9 |
| -10° | 38.9 | 36.8 | 34.0 | 31.3 | 28.5 | 25.9 | 23.5 | 21.2 | 19.1 | 17.2 | 15.8 |
| -11.25° | 38.7 | 36.5 | 33.8 | 31.1 | 28.3 | 25.7 | 23.3 | 21.0 | 19.0 | 17.1 | 15.7 |
| -12.5° | 38.5 | 36.2 | 33.5 | 30.8 | 28.1 | 25.5 | 23.1 | 20.9 | 18.8 | 17.0 | 15.7 |
| -13.75° | 38.3 | 35.9 | 33.2 | 30.5 | 27.8 | 25.3 | 22.9 | 20.7 | 18.7 | 16.9 | 15.6 |
| -15° | 38.1 | 35.5 | 32.9 | 30.2 | 27.5 | 25.0 | 22.7 | 20.5 | 18.5 | 16.8 | 15.5 |
| -16.25° | 37.8 | 35.1 | 32.5 | 29.8 | 27.2 | 24.7 | 22.4 | 20.3 | 18.3 | 16.7 | 15.4 |
| -17.5° | 37.4 | 34.7 | 32.1 | 29.4 | 26.8 | 24.5 | 22.1 | 20.1 | 18.1 | 16.6 | 15.2 |
| -18.75° | 36.9 | 34.3 | 31.7 | 29.0 | 26.4 | 24.1 | 21.8 | 19.8 | 17.9 | 16.4 | 15.1 |
| -20° | 36.4 | 33.8 | 31.2 | 28.6 | 26.1 | 23.8 | 21.6 | 19.6 | 17.6 | 16.3 | 15.0 |
| -21.25° | 35.9 | 33.3 | 30.7 | 28.2 | 25.7 | 23.5 | 21.3 | 19.3 | 17.4 | 16.1 | 14.8 |

REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|
| -22.5° | 35.3 | 32.8 | 30.2 | 27.7 | 25.3 | 23.1 | 21.0 | 19.0 | 17.2 | 16.0 | 14.7 |
| -23.75° | 34.7 | 32.2 | 29.7 | 27.2 | 24.9 | 22.7 | 20.6 | 18.7 | 17.1 | 15.8 | 14.6 |
| -25° | 34.1 | 31.6 | 29.1 | 26.6 | 24.5 | 22.3 | 20.3 | 18.4 | 16.9 | 15.6 | 14.5 |
| -26.25° | 33.4 | 31.0 | 28.6 | 26.2 | 24.0 | 21.8 | 20.0 | 18.1 | 16.7 | 15.4 | 14.4 |
| -27.5° | 32.8 | 30.4 | 27.9 | 25.7 | 23.5 | 21.4 | 19.6 | 17.8 | 16.5 | 15.2 | 14.3 |
| -28.75° | 32.1 | 29.7 | 27.3 | 25.1 | 23.0 | 21.0 | 19.2 | 17.4 | 16.2 | 15.0 | 14.3 |
| -30° | 31.3 | 29.0 | 26.6 | 24.6 | 22.5 | 20.6 | 18.8 | 17.2 | 16.0 | 14.8 | 14.2 |
| -31.25° | 30.6 | 28.3 | 26.0 | 24.0 | 22.0 | 20.2 | 18.4 | 16.9 | 15.8 | 14.6 | 14.1 |
| -32.5° | 29.8 | 27.5 | 25.4 | 23.4 | 21.5 | 19.7 | 18.0 | 16.7 | 15.5 | 14.5 | 13.9 |
| -33.75° | 29.0 | 26.8 | 24.8 | 22.8 | 21.0 | 19.3 | 17.6 | 16.4 | 15.3 | 14.4 | 13.8 |
| -35° | 28.2 | 26.1 | 24.1 | 22.2 | 20.5 | 18.8 | 17.2 | 16.1 | 15.0 | 14.3 | 13.7 |
| -36.25° | 27.3 | 25.3 | 23.5 | 21.6 | 19.9 | 18.3 | 16.9 | 15.8 | 14.7 | 14.2 | 13.6 |
| -37.5° | 26.5 | 24.6 | 22.8 | 21.0 | 19.4 | 17.8 | 16.6 | 15.5 | 14.6 | 14.0 | 13.5 |
| -38.75° | 25.7 | 23.9 | 22.0 | 20.4 | 18.9 | 17.3 | 16.3 | 15.2 | 14.4 | 13.9 | 13.4 |
| -40° | 24.9 | 23.1 | 21.4 | 19.8 | 18.3 | 17.0 | 16.0 | 14.9 | 14.3 | 13.8 | 13.2 |
| -41.25° | 24.1 | 22.3 | 20.7 | 19.2 | 17.7 | 16.6 | 15.6 | 14.6 | 14.1 | 13.6 | 13.0 |
| -42.5° | 23.2 | 21.5 | 20.1 | 18.6 | 17.2 | 16.3 | 15.3 | 14.5 | 14.0 | 13.5 | 12.8 |
| -43.75° | 22.3 | 20.8 | 19.4 | 18.0 | 16.8 | 15.9 | 14.9 | 14.3 | 13.8 | 13.3 | 12.6 |
| -45° | 21.5 | 20.1 | 18.7 | 17.4 | 16.4 | 15.5 | 14.6 | 14.1 | 13.7 | 13.1 | 12.4 |
| -46.25° | 20.7 | 19.4 | 18.0 | 16.9 | 16.0 | 15.1 | 14.4 | 14.0 | 13.5 | 12.9 | 12.2 |
| -47.5° | 20.0 | 18.6 | 17.4 | 16.5 | 15.6 | 14.7 | 14.2 | 13.8 | 13.3 | 12.6 | 12.0 |
| -48.75° | 19.2 | 17.9 | 16.9 | 16.0 | 15.1 | 14.5 | 14.0 | 13.6 | 13.1 | 12.4 | 11.7 |
| -50° | 18.4 | 17.2 | 16.4 | 15.6 | 14.7 | 14.3 | 13.8 | 13.4 | 12.8 | 12.2 | 11.5 |
| -51.25° | 17.5 | 16.7 | 15.9 | 15.1 | 14.5 | 14.1 | 13.6 | 13.2 | 12.5 | 11.9 | 11.3 |
| -52.5° | 17.0 | 16.2 | 15.4 | 14.6 | 14.2 | 13.8 | 13.4 | 12.9 | 12.3 | 11.7 | 11.0 |
| -53.75° | 16.4 | 15.6 | 14.9 | 14.4 | 14.0 | 13.6 | 13.2 | 12.6 | 12.0 | 11.4 | 10.7 |
| -55° | 15.8 | 15.1 | 14.5 | 14.2 | 13.8 | 13.4 | 12.9 | 12.3 | 11.7 | 11.1 | 10.3 |
| -56.25° | 15.3 | 14.6 | 14.3 | 13.9 | 13.5 | 13.1 | 12.6 | 12.0 | 11.4 | 10.8 | 10.0 |
| -57.5° | 14.7 | 14.3 | 14.0 | 13.6 | 13.3 | 12.8 | 12.2 | 11.7 | 11.1 | 10.4 | 9.7 |
| -58.75° | 14.4 | 14.1 | 13.7 | 13.4 | 12.9 | 12.4 | 11.9 | 11.4 | 10.8 | 10.1 | 9.3 |
| -60° | 14.1 | 13.8 | 13.5 | 13.0 | 12.6 | 12.1 | 11.6 | 11.0 | 10.4 | 9.7 | 9.0 |
| -61.25° | 13.8 | 13.5 | 13.1 | 12.7 | 12.2 | 11.7 | 11.2 | 10.6 | 10.0 | 9.3 | 8.7 |
| -62.5° | 13.5 | 13.1 | 12.7 | 12.3 | 11.8 | 11.3 | 10.8 | 10.2 | 9.6 | 8.9 | 8.3 |
| -63.75° | 13.1 | 12.7 | 12.3 | 11.8 | 11.4 | 10.9 | 10.3 | 9.7 | 9.2 | 8.6 | 8.0 |
| -65° | 12.7 | 12.3 | 11.8 | 11.4 | 11.0 | 10.4 | 9.9 | 9.3 | 8.7 | 8.2 | 7.6 |
| -66.25° | 12.2 | 11.8 | 11.4 | 11.0 | 10.5 | 9.9 | 9.4 | 8.9 | 8.3 | 7.8 | 7.2 |
| -67.5° | 11.7 | 11.3 | 10.9 | 10.4 | 9.9 | 9.4 | 8.9 | 8.4 | 7.9 | 7.4 | 6.9 |
| -68.75° | 11.2 | 10.8 | 10.3 | 9.9 | 9.4 | 8.9 | 8.5 | 8.0 | 7.5 | 7.0 | 6.5 |
| -70° | 10.6 | 10.2 | 9.7 | 9.3 | 8.9 | 8.4 | 8.0 | 7.5 | 7.1 | 6.6 | 6.2 |
| -71.25° | 10.0 | 9.6 | 9.2 | 8.7 | 8.3 | 7.9 | 7.5 | 7.1 | 6.6 | 6.2 | 5.8 |
| -72.5° | 9.3 | 8.9 | 8.6 | 8.2 | 7.8 | 7.4 | 7.0 | 6.6 | 6.2 | 5.8 | 5.4 |
| -73.75° | 8.7 | 8.3 | 8.0 | 7.6 | 7.2 | 6.9 | 6.5 | 6.2 | 5.8 | 5.4 | 4.9 |
| -75° | 8.0 | 7.7 | 7.4 | 7.0 | 6.7 | 6.4 | 6.0 | 5.7 | 5.3 | 4.8 | 4.4 |
| -76.25° | 7.4 | 7.1 | 6.8 | 6.5 | 6.2 | 5.8 | 5.5 | 5.1 | 4.7 | 4.3 | 3.9 |
| -77.5° | 6.7 | 6.4 | 6.2 | 5.9 | 5.6 | 5.3 | 4.9 | 4.5 | 4.2 | 3.8 | 3.5 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| -78.75° | 6.0 | 5.8 | 5.5 | 5.2 | 4.9 | 4.6 | 4.3 | 4.0 | 3.6 | 3.3 | 3.0 |
| -80° | 5.3 | 5.0 | 4.8 | 4.5 | 4.2 | 3.9 | 3.7 | 3.4 | 3.1 | 2.8 | 2.5 |
| -81.25° | 4.5 | 4.2 | 4.0 | 3.8 | 3.5 | 3.3 | 3.0 | 2.8 | 2.5 | 2.3 | 2.0 |
| -82.5° | 3.6 | 3.4 | 3.2 | 3.0 | 2.8 | 2.6 | 2.4 | 2.2 | 2.0 | 1.9 | 1.8 |
| -83.75° | 2.8 | 2.6 | 2.5 | 2.3 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 |
| -85° | 2.0 | 1.9 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 |
| -86.25° | 1.5 | 1.5 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 | 0.9 | 0.9 |
| -87.5° | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 |
| -88.75° | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|--------|------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| 87.5° | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 |
| 86.25° | 0.8 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 |
| 85° | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.2 |
| 83.75° | 1.4 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.3 | 0.2 |
| 82.5° | 1.6 | 1.5 | 1.4 | 1.2 | 1.1 | 1.0 | 0.8 | 0.7 | 0.5 | 0.4 | 0.3 |
| 81.25° | 1.9 | 1.7 | 1.6 | 1.4 | 1.3 | 1.1 | 1.0 | 0.8 | 0.6 | 0.5 | 0.3 |
| 80° | 2.2 | 2.0 | 1.8 | 1.6 | 1.5 | 1.3 | 1.1 | 0.9 | 0.7 | 0.5 | 0.4 |
| 78.75° | 2.7 | 2.3 | 2.0 | 1.8 | 1.6 | 1.4 | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 |
| 77.5° | 3.1 | 2.7 | 2.4 | 2.0 | 1.8 | 1.6 | 1.4 | 1.1 | 0.9 | 0.7 | 0.5 |
| 76.25° | 3.5 | 3.1 | 2.7 | 2.3 | 2.0 | 1.7 | 1.5 | 1.2 | 1.0 | 0.7 | 0.5 |
| 75° | 4.0 | 3.5 | 3.1 | 2.7 | 2.2 | 1.9 | 1.6 | 1.4 | 1.1 | 0.8 | 0.5 |
| 73.75° | 4.4 | 3.9 | 3.5 | 3.0 | 2.5 | 2.0 | 1.8 | 1.5 | 1.2 | 0.9 | 0.6 |
| 72.5° | 4.8 | 4.3 | 3.8 | 3.3 | 2.8 | 2.3 | 1.9 | 1.6 | 1.3 | 0.9 | 0.6 |
| 71.25° | 5.3 | 4.7 | 4.2 | 3.6 | 3.1 | 2.5 | 2.0 | 1.7 | 1.3 | 1.0 | 0.7 |
| 70° | 5.7 | 5.1 | 4.5 | 4.0 | 3.4 | 2.8 | 2.2 | 1.8 | 1.4 | 1.1 | 0.7 |
| 68.75° | 6.0 | 5.5 | 4.9 | 4.3 | 3.7 | 3.0 | 2.4 | 1.9 | 1.5 | 1.1 | 0.8 |
| 67.5° | 6.4 | 5.8 | 5.3 | 4.6 | 3.9 | 3.3 | 2.6 | 2.0 | 1.6 | 1.2 | 0.8 |
| 66.25° | 6.7 | 6.2 | 5.6 | 4.9 | 4.2 | 3.5 | 2.8 | 2.1 | 1.7 | 1.3 | 0.8 |
| 65° | 7.0 | 6.5 | 5.9 | 5.2 | 4.5 | 3.8 | 3.0 | 2.3 | 1.8 | 1.3 | 0.9 |
| 63.75° | 7.4 | 6.8 | 6.2 | 5.5 | 4.8 | 4.0 | 3.2 | 2.5 | 1.9 | 1.4 | 0.9 |
| 62.5° | 7.7 | 7.1 | 6.4 | 5.8 | 5.0 | 4.2 | 3.4 | 2.6 | 1.9 | 1.5 | 1.0 |
| 61.25° | 8.0 | 7.4 | 6.7 | 6.0 | 5.3 | 4.5 | 3.6 | 2.8 | 2.0 | 1.5 | 1.0 |
| 60° | 8.3 | 7.6 | 7.0 | 6.3 | 5.6 | 4.7 | 3.8 | 3.0 | 2.1 | 1.6 | 1.0 |
| 58.75° | 8.6 | 7.9 | 7.2 | 6.5 | 5.8 | 4.9 | 4.0 | 3.1 | 2.2 | 1.6 | 1.1 |
| 57.5° | 9.0 | 8.2 | 7.5 | 6.7 | 6.0 | 5.2 | 4.2 | 3.3 | 2.4 | 1.7 | 1.1 |
| 56.25° | 9.3 | 8.5 | 7.7 | 7.0 | 6.2 | 5.4 | 4.4 | 3.5 | 2.5 | 1.7 | 1.2 |
| 55° | 9.6 | 8.8 | 8.0 | 7.2 | 6.4 | 5.6 | 4.6 | 3.6 | 2.6 | 1.8 | 1.2 |
| 53.75° | 9.9 | 9.0 | 8.2 | 7.4 | 6.6 | 5.8 | 4.8 | 3.8 | 2.7 | 1.9 | 1.2 |
| 52.5° | 10.2 | 9.3 | 8.5 | 7.6 | 6.8 | 6.0 | 5.0 | 3.9 | 2.9 | 1.9 | 1.3 |
| 51.25° | 10.4 | 9.6 | 8.7 | 7.9 | 7.0 | 6.1 | 5.2 | 4.1 | 3.0 | 2.0 | 1.3 |
| 50° | 10.7 | 9.8 | 9.0 | 8.1 | 7.2 | 6.3 | 5.3 | 4.2 | 3.1 | 2.0 | 1.3 |
| 48.75° | 11.0 | 10.1 | 9.2 | 8.3 | 7.4 | 6.4 | 5.5 | 4.4 | 3.2 | 2.1 | 1.4 |
| 47.5° | 11.3 | 10.3 | 9.4 | 8.5 | 7.5 | 6.6 | 5.7 | 4.5 | 3.3 | 2.1 | 1.4 |
| 46.25° | 11.5 | 10.6 | 9.6 | 8.7 | 7.7 | 6.8 | 5.8 | 4.6 | 3.4 | 2.2 | 1.5 |
| 45° | 11.7 | 10.8 | 9.9 | 8.9 | 7.9 | 6.9 | 5.9 | 4.8 | 3.5 | 2.3 | 1.5 |
| 43.75° | 11.9 | 11.1 | 10.1 | 9.1 | 8.1 | 7.1 | 6.1 | 4.9 | 3.7 | 2.4 | 1.5 |
| 42.5° | 12.0 | 11.3 | 10.3 | 9.3 | 8.2 | 7.2 | 6.2 | 5.0 | 3.8 | 2.5 | 1.5 |
| 41.25° | 12.2 | 11.4 | 10.5 | 9.4 | 8.4 | 7.4 | 6.3 | 5.2 | 3.9 | 2.5 | 1.6 |
| 40° | 12.4 | 11.6 | 10.7 | 9.6 | 8.6 | 7.5 | 6.4 | 5.3 | 4.0 | 2.6 | 1.6 |
| 38.75° | 12.6 | 11.8 | 10.9 | 9.8 | 8.7 | 7.6 | 6.5 | 5.4 | 4.1 | 2.7 | 1.6 |
| 37.5° | 12.8 | 11.9 | 11.1 | 10.0 | 8.9 | 7.8 | 6.7 | 5.5 | 4.2 | 2.8 | 1.7 |
| 36.25° | 12.9 | 12.1 | 11.2 | 10.1 | 9.0 | 7.9 | 6.8 | 5.6 | 4.2 | 2.8 | 1.7 |
| 35° | 13.1 | 12.2 | 11.4 | 10.3 | 9.2 | 8.0 | 6.9 | 5.7 | 4.3 | 2.9 | 1.7 |

REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|------|--------|-------|--------|------|--------|-------|--------|-----|--------|-------|
| 33.75° | 13.2 | 12.4 | 11.5 | 10.5 | 9.3 | 8.1 | 7.0 | 5.8 | 4.4 | 3.0 | 1.7 |
| 32.5° | 13.4 | 12.5 | 11.6 | 10.6 | 9.4 | 8.3 | 7.1 | 5.9 | 4.5 | 3.0 | 1.8 |
| 31.25° | 13.5 | 12.6 | 11.8 | 10.8 | 9.6 | 8.4 | 7.2 | 6.0 | 4.6 | 3.1 | 1.8 |
| 30° | 13.6 | 12.8 | 11.9 | 10.9 | 9.7 | 8.5 | 7.3 | 6.1 | 4.7 | 3.1 | 1.8 |
| 28.75° | 13.6 | 12.9 | 12.0 | 11.0 | 9.8 | 8.6 | 7.4 | 6.1 | 4.7 | 3.2 | 1.8 |
| 27.5° | 13.7 | 13.0 | 12.1 | 11.2 | 9.9 | 8.7 | 7.4 | 6.2 | 4.8 | 3.3 | 1.9 |
| 26.25° | 13.8 | 13.1 | 12.2 | 11.3 | 10.0 | 8.8 | 7.5 | 6.3 | 4.9 | 3.3 | 1.9 |
| 25° | 13.9 | 13.2 | 12.3 | 11.4 | 10.1 | 8.9 | 7.6 | 6.3 | 4.9 | 3.4 | 1.9 |
| 23.75° | 14.0 | 13.3 | 12.4 | 11.4 | 10.2 | 9.0 | 7.7 | 6.4 | 5.0 | 3.4 | 1.9 |
| 22.5° | 14.0 | 13.4 | 12.5 | 11.5 | 10.3 | 9.0 | 7.8 | 6.5 | 5.1 | 3.4 | 1.9 |
| 21.25° | 14.1 | 13.5 | 12.6 | 11.6 | 10.4 | 9.1 | 7.8 | 6.5 | 5.1 | 3.5 | 2.0 |
| 20° | 14.2 | 13.5 | 12.7 | 11.7 | 10.5 | 9.2 | 7.9 | 6.6 | 5.2 | 3.5 | 2.0 |
| 18.75° | 14.2 | 13.6 | 12.7 | 11.7 | 10.6 | 9.3 | 8.0 | 6.6 | 5.2 | 3.6 | 2.0 |
| 17.5° | 14.3 | 13.6 | 12.8 | 11.8 | 10.7 | 9.3 | 8.0 | 6.7 | 5.3 | 3.6 | 2.0 |
| 16.25° | 14.4 | 13.7 | 12.9 | 11.9 | 10.7 | 9.4 | 8.1 | 6.7 | 5.3 | 3.6 | 2.0 |
| 15° | 14.4 | 13.7 | 12.9 | 11.9 | 10.8 | 9.5 | 8.1 | 6.8 | 5.4 | 3.7 | 2.0 |
| 13.75° | 14.5 | 13.8 | 13.0 | 12.0 | 10.9 | 9.5 | 8.2 | 6.8 | 5.4 | 3.7 | 2.0 |
| 12.5° | 14.5 | 13.8 | 13.0 | 12.0 | 10.9 | 9.6 | 8.2 | 6.8 | 5.4 | 3.7 | 2.1 |
| 11.25° | 14.5 | 13.8 | 13.1 | 12.1 | 11.0 | 9.6 | 8.2 | 6.9 | 5.5 | 3.7 | 2.1 |
| 10° | 14.6 | 13.9 | 13.1 | 12.1 | 11.0 | 9.6 | 8.3 | 6.9 | 5.5 | 3.8 | 2.1 |
| 8.75° | 14.6 | 13.9 | 13.2 | 12.1 | 11.1 | 9.7 | 8.3 | 6.9 | 5.5 | 3.8 | 2.1 |
| 7.5° | 14.6 | 13.9 | 13.2 | 12.2 | 11.1 | 9.7 | 8.3 | 6.9 | 5.5 | 3.8 | 2.1 |
| 6.25° | 14.6 | 14.0 | 13.2 | 12.2 | 11.1 | 9.7 | 8.3 | 7.0 | 5.6 | 3.8 | 2.1 |
| 5° | 14.7 | 14.0 | 13.3 | 12.2 | 11.2 | 9.8 | 8.4 | 7.0 | 5.6 | 3.8 | 2.1 |
| 3.75° | 14.7 | 14.0 | 13.3 | 12.2 | 11.2 | 9.8 | 8.4 | 7.0 | 5.6 | 3.8 | 2.1 |
| 2.5° | 14.7 | 14.0 | 13.3 | 12.2 | 11.2 | 9.8 | 8.4 | 7.0 | 5.6 | 3.8 | 2.1 |
| 1.25° | 14.7 | 14.0 | 13.3 | 12.2 | 11.2 | 9.8 | 8.4 | 7.0 | 5.6 | 3.8 | 2.1 |
| 0° | 14.7 | 14.0 | 13.3 | 12.3 | 11.2 | 9.8 | 8.4 | 7.0 | 5.6 | 3.9 | 2.1 |
| -1.25° | 14.7 | 14.0 | 13.3 | 12.2 | 11.2 | 9.8 | 8.4 | 7.0 | 5.6 | 3.8 | 2.1 |
| -2.5° | 14.7 | 14.0 | 13.3 | 12.2 | 11.2 | 9.8 | 8.4 | 7.0 | 5.6 | 3.8 | 2.1 |
| -3.75° | 14.7 | 14.0 | 13.3 | 12.2 | 11.2 | 9.8 | 8.4 | 7.0 | 5.6 | 3.8 | 2.1 |
| -5° | 14.7 | 14.0 | 13.3 | 12.2 | 11.2 | 9.8 | 8.4 | 7.0 | 5.6 | 3.8 | 2.1 |
| -6.25° | 14.6 | 14.0 | 13.2 | 12.2 | 11.1 | 9.7 | 8.3 | 7.0 | 5.6 | 3.8 | 2.1 |
| -7.5° | 14.6 | 13.9 | 13.2 | 12.2 | 11.1 | 9.7 | 8.3 | 6.9 | 5.5 | 3.8 | 2.1 |
| -8.75° | 14.6 | 13.9 | 13.2 | 12.1 | 11.1 | 9.7 | 8.3 | 6.9 | 5.5 | 3.8 | 2.1 |
| -10° | 14.6 | 13.9 | 13.1 | 12.1 | 11.0 | 9.6 | 8.3 | 6.9 | 5.5 | 3.8 | 2.1 |
| -11.25° | 14.5 | 13.8 | 13.1 | 12.1 | 11.0 | 9.6 | 8.2 | 6.9 | 5.5 | 3.7 | 2.1 |
| -12.5° | 14.5 | 13.8 | 13.0 | 12.0 | 10.9 | 9.6 | 8.2 | 6.8 | 5.4 | 3.7 | 2.1 |
| -13.75° | 14.5 | 13.8 | 13.0 | 12.0 | 10.9 | 9.5 | 8.2 | 6.8 | 5.4 | 3.7 | 2.0 |
| -15° | 14.4 | 13.7 | 12.9 | 11.9 | 10.8 | 9.5 | 8.1 | 6.8 | 5.4 | 3.7 | 2.0 |
| -16.25° | 14.4 | 13.7 | 12.9 | 11.9 | 10.7 | 9.4 | 8.1 | 6.7 | 5.3 | 3.6 | 2.0 |
| -17.5° | 14.3 | 13.6 | 12.8 | 11.8 | 10.7 | 9.3 | 8.0 | 6.7 | 5.3 | 3.6 | 2.0 |
| -18.75° | 14.2 | 13.6 | 12.7 | 11.7 | 10.6 | 9.3 | 8.0 | 6.6 | 5.2 | 3.6 | 2.0 |
| -20° | 14.2 | 13.5 | 12.7 | 11.7 | 10.5 | 9.2 | 7.9 | 6.6 | 5.2 | 3.5 | 2.0 |
| -21.25° | 14.1 | 13.5 | 12.6 | 11.6 | 10.4 | 9.1 | 7.8 | 6.5 | 5.1 | 3.5 | 2.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|------|--------|-------|--------|------|--------|-------|--------|-----|--------|-------|
| -22.5° | 14.0 | 13.4 | 12.5 | 11.5 | 10.3 | 9.0 | 7.8 | 6.5 | 5.1 | 3.4 | 1.9 |
| -23.75° | 14.0 | 13.3 | 12.4 | 11.4 | 10.2 | 9.0 | 7.7 | 6.4 | 5.0 | 3.4 | 1.9 |
| -25° | 13.9 | 13.2 | 12.3 | 11.4 | 10.1 | 8.9 | 7.6 | 6.3 | 4.9 | 3.4 | 1.9 |
| -26.25° | 13.8 | 13.1 | 12.2 | 11.3 | 10.0 | 8.8 | 7.5 | 6.3 | 4.9 | 3.3 | 1.9 |
| -27.5° | 13.7 | 13.0 | 12.1 | 11.2 | 9.9 | 8.7 | 7.4 | 6.2 | 4.8 | 3.3 | 1.9 |
| -28.75° | 13.6 | 12.9 | 12.0 | 11.0 | 9.8 | 8.6 | 7.4 | 6.1 | 4.7 | 3.2 | 1.8 |
| -30° | 13.6 | 12.8 | 11.9 | 10.9 | 9.7 | 8.5 | 7.3 | 6.1 | 4.7 | 3.1 | 1.8 |
| -31.25° | 13.5 | 12.6 | 11.8 | 10.8 | 9.6 | 8.4 | 7.2 | 6.0 | 4.6 | 3.1 | 1.8 |
| -32.5° | 13.4 | 12.5 | 11.6 | 10.6 | 9.4 | 8.3 | 7.1 | 5.9 | 4.5 | 3.0 | 1.8 |
| -33.75° | 13.2 | 12.4 | 11.5 | 10.5 | 9.3 | 8.1 | 7.0 | 5.8 | 4.4 | 3.0 | 1.7 |
| -35° | 13.1 | 12.2 | 11.4 | 10.3 | 9.2 | 8.0 | 6.9 | 5.7 | 4.3 | 2.9 | 1.7 |
| -36.25° | 12.9 | 12.1 | 11.2 | 10.1 | 9.0 | 7.9 | 6.8 | 5.6 | 4.2 | 2.8 | 1.7 |
| -37.5° | 12.8 | 11.9 | 11.1 | 10.0 | 8.9 | 7.8 | 6.7 | 5.5 | 4.2 | 2.8 | 1.7 |
| -38.75° | 12.6 | 11.8 | 10.9 | 9.8 | 8.7 | 7.6 | 6.5 | 5.4 | 4.1 | 2.7 | 1.6 |
| -40° | 12.4 | 11.6 | 10.7 | 9.6 | 8.6 | 7.5 | 6.4 | 5.3 | 4.0 | 2.6 | 1.6 |
| -41.25° | 12.2 | 11.4 | 10.5 | 9.4 | 8.4 | 7.4 | 6.3 | 5.2 | 3.9 | 2.5 | 1.6 |
| -42.5° | 12.0 | 11.3 | 10.3 | 9.3 | 8.2 | 7.2 | 6.2 | 5.0 | 3.8 | 2.5 | 1.5 |
| -43.75° | 11.9 | 11.1 | 10.1 | 9.1 | 8.1 | 7.1 | 6.1 | 4.9 | 3.7 | 2.4 | 1.5 |
| -45° | 11.7 | 10.8 | 9.9 | 8.9 | 7.9 | 6.9 | 5.9 | 4.8 | 3.5 | 2.3 | 1.5 |
| -46.25° | 11.5 | 10.6 | 9.6 | 8.7 | 7.7 | 6.8 | 5.8 | 4.6 | 3.4 | 2.2 | 1.5 |
| -47.5° | 11.3 | 10.3 | 9.4 | 8.5 | 7.5 | 6.6 | 5.7 | 4.5 | 3.3 | 2.1 | 1.4 |
| -48.75° | 11.0 | 10.1 | 9.2 | 8.3 | 7.4 | 6.4 | 5.5 | 4.4 | 3.2 | 2.1 | 1.4 |
| -50° | 10.7 | 9.8 | 9.0 | 8.1 | 7.2 | 6.3 | 5.3 | 4.2 | 3.1 | 2.0 | 1.3 |
| -51.25° | 10.4 | 9.6 | 8.7 | 7.9 | 7.0 | 6.1 | 5.2 | 4.1 | 3.0 | 2.0 | 1.3 |
| -52.5° | 10.2 | 9.3 | 8.5 | 7.6 | 6.8 | 6.0 | 5.0 | 3.9 | 2.9 | 1.9 | 1.3 |
| -53.75° | 9.9 | 9.0 | 8.2 | 7.4 | 6.6 | 5.8 | 4.8 | 3.8 | 2.7 | 1.9 | 1.2 |
| -55° | 9.6 | 8.8 | 8.0 | 7.2 | 6.4 | 5.6 | 4.6 | 3.6 | 2.6 | 1.8 | 1.2 |
| -56.25° | 9.3 | 8.5 | 7.7 | 7.0 | 6.2 | 5.4 | 4.4 | 3.5 | 2.5 | 1.7 | 1.2 |
| -57.5° | 9.0 | 8.2 | 7.5 | 6.7 | 6.0 | 5.2 | 4.2 | 3.3 | 2.4 | 1.7 | 1.1 |
| -58.75° | 8.6 | 7.9 | 7.2 | 6.5 | 5.8 | 4.9 | 4.0 | 3.1 | 2.2 | 1.6 | 1.1 |
| -60° | 8.3 | 7.6 | 7.0 | 6.3 | 5.6 | 4.7 | 3.8 | 3.0 | 2.1 | 1.6 | 1.0 |
| -61.25° | 8.0 | 7.4 | 6.7 | 6.0 | 5.3 | 4.5 | 3.6 | 2.8 | 2.0 | 1.5 | 1.0 |
| -62.5° | 7.7 | 7.1 | 6.4 | 5.8 | 5.0 | 4.2 | 3.4 | 2.6 | 1.9 | 1.5 | 1.0 |
| -63.75° | 7.4 | 6.8 | 6.2 | 5.5 | 4.8 | 4.0 | 3.2 | 2.5 | 1.9 | 1.4 | 0.9 |
| -65° | 7.0 | 6.5 | 5.9 | 5.2 | 4.5 | 3.8 | 3.0 | 2.3 | 1.8 | 1.3 | 0.9 |
| -66.25° | 6.7 | 6.2 | 5.6 | 4.9 | 4.2 | 3.5 | 2.8 | 2.1 | 1.7 | 1.3 | 0.8 |
| -67.5° | 6.4 | 5.8 | 5.3 | 4.6 | 3.9 | 3.3 | 2.6 | 2.0 | 1.6 | 1.2 | 0.8 |
| -68.75° | 6.0 | 5.5 | 4.9 | 4.3 | 3.7 | 3.0 | 2.4 | 1.9 | 1.5 | 1.1 | 0.8 |
| -70° | 5.7 | 5.1 | 4.5 | 4.0 | 3.4 | 2.8 | 2.2 | 1.8 | 1.4 | 1.1 | 0.7 |
| -71.25° | 5.3 | 4.7 | 4.2 | 3.6 | 3.1 | 2.5 | 2.0 | 1.7 | 1.3 | 1.0 | 0.7 |
| -72.5° | 4.8 | 4.3 | 3.8 | 3.3 | 2.8 | 2.3 | 1.9 | 1.6 | 1.3 | 0.9 | 0.6 |
| -73.75° | 4.4 | 3.9 | 3.5 | 3.0 | 2.5 | 2.0 | 1.8 | 1.5 | 1.2 | 0.9 | 0.6 |
| -75° | 4.0 | 3.5 | 3.1 | 2.7 | 2.2 | 1.9 | 1.6 | 1.4 | 1.1 | 0.8 | 0.5 |
| -76.25° | 3.5 | 3.1 | 2.7 | 2.3 | 2.0 | 1.7 | 1.5 | 1.2 | 1.0 | 0.7 | 0.5 |
| -77.5° | 3.1 | 2.7 | 2.4 | 2.0 | 1.8 | 1.6 | 1.4 | 1.1 | 0.9 | 0.7 | 0.5 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -78.75° | 2.7 | 2.3 | 2.0 | 1.8 | 1.6 | 1.4 | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 |
| -80° | 2.2 | 2.0 | 1.8 | 1.6 | 1.5 | 1.3 | 1.1 | 0.9 | 0.7 | 0.5 | 0.4 |
| -81.25° | 1.9 | 1.7 | 1.6 | 1.4 | 1.3 | 1.1 | 1.0 | 0.8 | 0.6 | 0.5 | 0.3 |
| -82.5° | 1.6 | 1.5 | 1.4 | 1.2 | 1.1 | 1.0 | 0.8 | 0.7 | 0.5 | 0.4 | 0.3 |
| -83.75° | 1.4 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.3 | 0.2 |
| -85° | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.2 |
| -86.25° | 0.8 | 0.7 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 |
| -87.5° | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 |
| -88.75° | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 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: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-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° | 0.2 | 0.0 |
| 80° | 0.2 | 0.0 |
| 78.75° | 0.2 | 0.0 |
| 77.5° | 0.2 | 0.0 |
| 76.25° | 0.2 | 0.0 |
| 75° | 0.3 | 0.0 |
| 73.75° | 0.3 | 0.0 |
| 72.5° | 0.3 | 0.0 |
| 71.25° | 0.3 | 0.0 |
| 70° | 0.4 | 0.0 |
| 68.75° | 0.4 | 0.0 |
| 67.5° | 0.4 | 0.0 |
| 66.25° | 0.4 | 0.0 |
| 65° | 0.4 | 0.0 |
| 63.75° | 0.5 | 0.0 |
| 62.5° | 0.5 | 0.0 |
| 61.25° | 0.5 | 0.0 |
| 60° | 0.5 | 0.0 |
| 58.75° | 0.5 | 0.0 |
| 57.5° | 0.6 | 0.0 |
| 56.25° | 0.6 | 0.0 |
| 55° | 0.6 | 0.0 |
| 53.75° | 0.6 | 0.0 |
| 52.5° | 0.6 | 0.0 |
| 51.25° | 0.7 | 0.0 |
| 50° | 0.7 | 0.0 |
| 48.75° | 0.7 | 0.0 |
| 47.5° | 0.7 | 0.0 |
| 46.25° | 0.7 | 0.0 |
| 45° | 0.7 | 0.0 |
| 43.75° | 0.8 | 0.0 |
| 42.5° | 0.8 | 0.0 |
| 41.25° | 0.8 | 0.0 |
| 40° | 0.8 | 0.0 |
| 38.75° | 0.8 | 0.0 |
| 37.5° | 0.8 | 0.0 |
| 36.25° | 0.8 | 0.0 |
| 35° | 0.9 | 0.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 88.75° | 90° |
|---------|--------|-----|
| 33.75° | 0.9 | 0.0 |
| 32.5° | 0.9 | 0.0 |
| 31.25° | 0.9 | 0.0 |
| 30° | 0.9 | 0.0 |
| 28.75° | 0.9 | 0.0 |
| 27.5° | 0.9 | 0.0 |
| 26.25° | 0.9 | 0.0 |
| 25° | 1.0 | 0.0 |
| 23.75° | 1.0 | 0.0 |
| 22.5° | 1.0 | 0.0 |
| 21.25° | 1.0 | 0.0 |
| 20° | 1.0 | 0.0 |
| 18.75° | 1.0 | 0.0 |
| 17.5° | 1.0 | 0.0 |
| 16.25° | 1.0 | 0.0 |
| 15° | 1.0 | 0.0 |
| 13.75° | 1.0 | 0.0 |
| 12.5° | 1.0 | 0.0 |
| 11.25° | 1.0 | 0.0 |
| 10° | 1.0 | 0.0 |
| 8.75° | 1.0 | 0.0 |
| 7.5° | 1.0 | 0.0 |
| 6.25° | 1.0 | 0.0 |
| 5° | 1.0 | 0.0 |
| 3.75° | 1.0 | 0.0 |
| 2.5° | 1.0 | 0.0 |
| 1.25° | 1.0 | 0.0 |
| 0° | 1.0 | 0.0 |
| -1.25° | 1.0 | 0.0 |
| -2.5° | 1.0 | 0.0 |
| -3.75° | 1.0 | 0.0 |
| -5° | 1.0 | 0.0 |
| -6.25° | 1.0 | 0.0 |
| -7.5° | 1.0 | 0.0 |
| -8.75° | 1.0 | 0.0 |
| -10° | 1.0 | 0.0 |
| -11.25° | 1.0 | 0.0 |
| -12.5° | 1.0 | 0.0 |
| -13.75° | 1.0 | 0.0 |
| -15° | 1.0 | 0.0 |
| -16.25° | 1.0 | 0.0 |
| -17.5° | 1.0 | 0.0 |
| -18.75° | 1.0 | 0.0 |
| -20° | 1.0 | 0.0 |
| -21.25° | 1.0 | 0.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 88.75° | 90° |
|---------|--------|-----|
| -22.5° | 1.0 | 0.0 |
| -23.75° | 1.0 | 0.0 |
| -25° | 1.0 | 0.0 |
| -26.25° | 0.9 | 0.0 |
| -27.5° | 0.9 | 0.0 |
| -28.75° | 0.9 | 0.0 |
| -30° | 0.9 | 0.0 |
| -31.25° | 0.9 | 0.0 |
| -32.5° | 0.9 | 0.0 |
| -33.75° | 0.9 | 0.0 |
| -35° | 0.9 | 0.0 |
| -36.25° | 0.8 | 0.0 |
| -37.5° | 0.8 | 0.0 |
| -38.75° | 0.8 | 0.0 |
| -40° | 0.8 | 0.0 |
| -41.25° | 0.8 | 0.0 |
| -42.5° | 0.8 | 0.0 |
| -43.75° | 0.8 | 0.0 |
| -45° | 0.7 | 0.0 |
| -46.25° | 0.7 | 0.0 |
| -47.5° | 0.7 | 0.0 |
| -48.75° | 0.7 | 0.0 |
| -50° | 0.7 | 0.0 |
| -51.25° | 0.7 | 0.0 |
| -52.5° | 0.6 | 0.0 |
| -53.75° | 0.6 | 0.0 |
| -55° | 0.6 | 0.0 |
| -56.25° | 0.6 | 0.0 |
| -57.5° | 0.6 | 0.0 |
| -58.75° | 0.5 | 0.0 |
| -60° | 0.5 | 0.0 |
| -61.25° | 0.5 | 0.0 |
| -62.5° | 0.5 | 0.0 |
| -63.75° | 0.5 | 0.0 |
| -65° | 0.4 | 0.0 |
| -66.25° | 0.4 | 0.0 |
| -67.5° | 0.4 | 0.0 |
| -68.75° | 0.4 | 0.0 |
| -70° | 0.4 | 0.0 |
| -71.25° | 0.3 | 0.0 |
| -72.5° | 0.3 | 0.0 |
| -73.75° | 0.3 | 0.0 |
| -75° | 0.3 | 0.0 |
| -76.25° | 0.2 | 0.0 |
| -77.5° | 0.2 | 0.0 |



REPORT NUMBER: P220446 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED2797-S-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 88.75° | 90° |
|---------|--------|-----|
| -78.75° | 0.2 | 0.0 |
| -80° | 0.2 | 0.0 |
| -81.25° | 0.2 | 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)