

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: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV**

Issue Date: 3/3/2020

Test Information

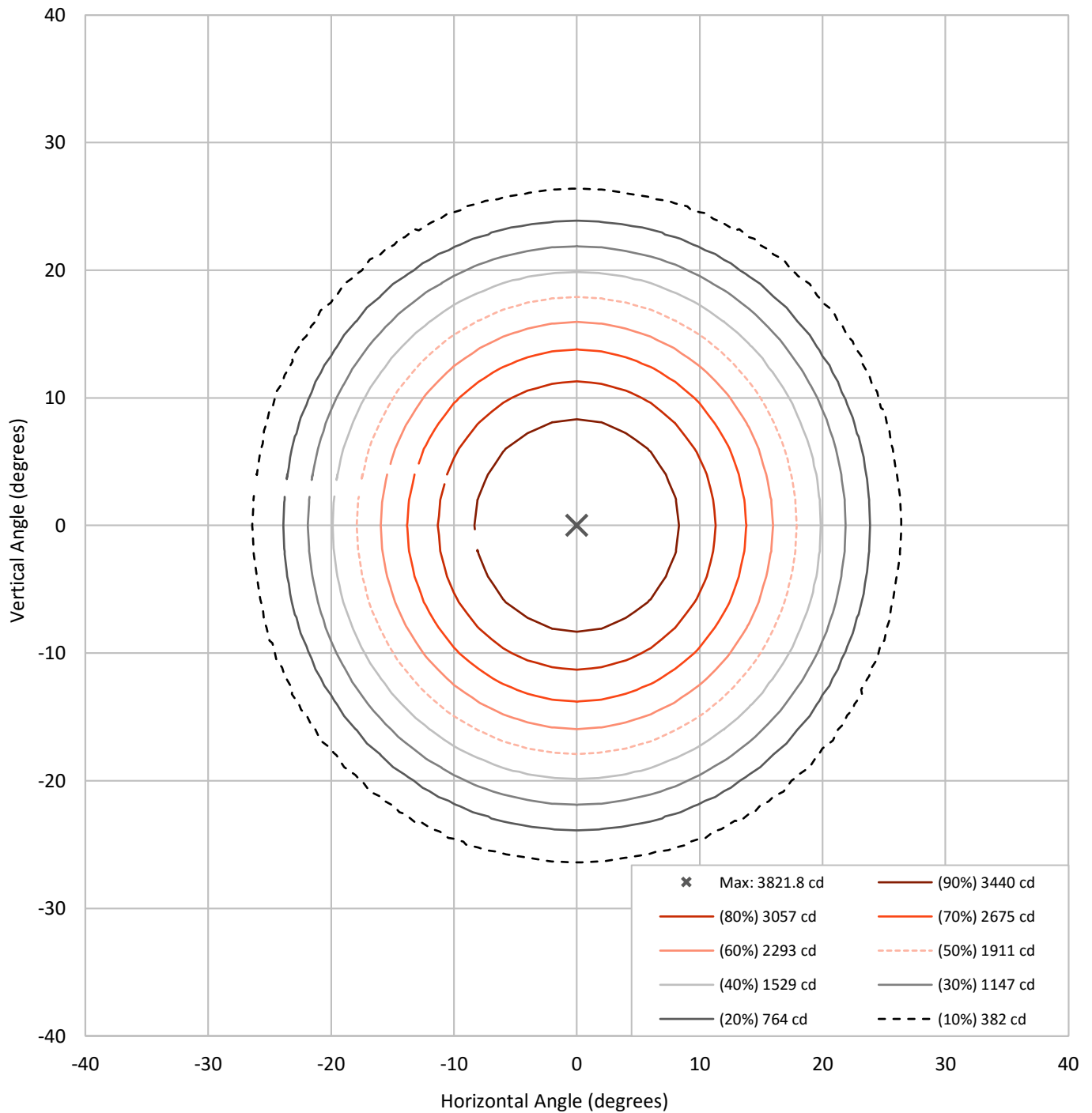
Test Method: LM-79-08
Report Number: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29470)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS,
FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) 4000K CCT, 97 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|-------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 1487.9 lumens | Max Intensity: | 3821.8 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 74.0 lumens/watt | | |
| Luminous Opening: | Circular (Dia: 0.25' x H: 0') | | |
| Beam Angle (50%): | 35.8°H x 35.8°V | Field Angle (10%): | 52.6°H x 52.6°V |
| Beam Lumens: | 874.8 lumens | Field Lumens: | 1242.7 lumens |
| Beam Efficiency: | 58.8% | Field Efficiency: | 83.5% |
| Input Watts (W): | 20.1 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |

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CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

Iso-Candela Plot





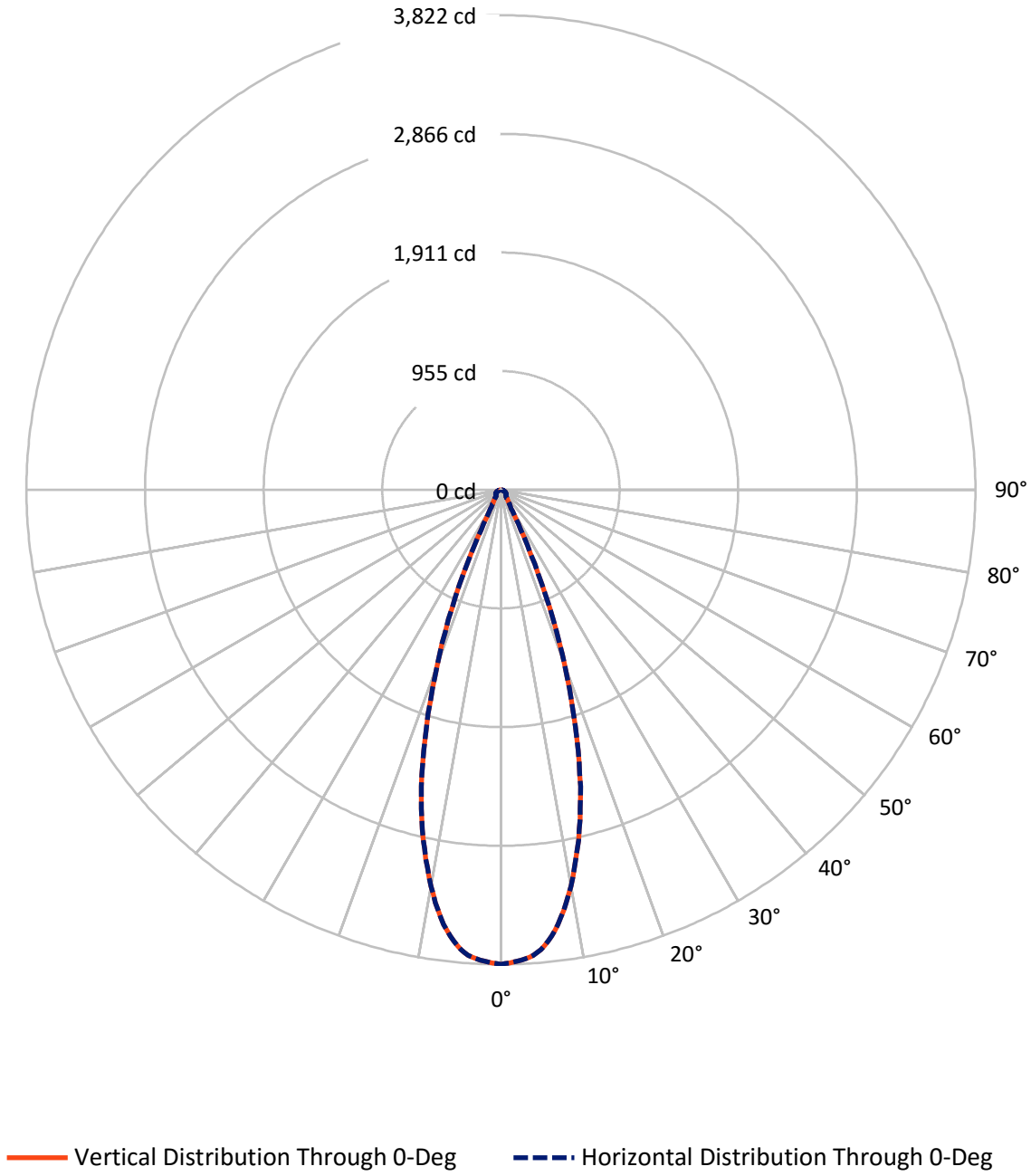
REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|-------|-------|------|------|-----|-----|-----|-----|-----|----|----|----|
| 90 | 0.0 | 0.3 | 0.8 | 1.2 | 1.3 | 1.2 | 0.8 | 0.3 | 0.0 | | | | | | | | | | |
| 80 | 0.0 | 0.3 | 0.8 | 1.2 | 1.3 | 1.2 | 0.8 | 0.3 | 0.0 | | | | | | | | | | |
| 70 | 0.2 | 0.2 | 0.3 | 0.4 | 0.6 | 0.8 | 0.9 | 1.0 | 1.0 | 0.9 | 0.8 | 0.6 | 0.4 | 0.3 | 0.2 | 0.2 | | | |
| 60 | | 0.2 | 0.4 | 0.7 | 1.0 | 1.2 | 1.4 | 1.5 | 1.5 | 1.4 | 1.2 | 1.0 | 0.7 | 0.4 | 0.2 | | | | |
| 50 | 0.2 | 0.3 | 0.5 | 0.9 | 1.2 | 1.5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.5 | 1.2 | 0.9 | 0.5 | 0.3 | 0.2 | | | |
| 40 | | 0.3 | 0.7 | 1.1 | 1.4 | 1.7 | 2.1 | 2.7 | 2.7 | 2.1 | 1.7 | 1.4 | 1.1 | 0.7 | 0.3 | | | | |
| 30 | 0.3 | 0.4 | 0.8 | 1.2 | 1.5 | 2.5 | 7.5 | 17.5 | 17.5 | 7.5 | 2.5 | 1.5 | 1.2 | 0.8 | 0.4 | 0.3 | | | |
| 20 | | 0.4 | 0.8 | 1.2 | 1.8 | 7.1 | 37.4 | 68.1 | 68.1 | 37.4 | 7.1 | 1.8 | 1.2 | 0.8 | 0.4 | | | | |
| 10 | 0.3 | 0.4 | 0.9 | 1.2 | 2.2 | 16.2 | 66.2 | 104.6 | 104.6 | 66.2 | 16.2 | 2.2 | 1.2 | 0.9 | 0.4 | 0.3 | | | |
| 0 | | 0.4 | 0.9 | 1.2 | 2.2 | 16.2 | 66.2 | 104.6 | 104.6 | 66.2 | 16.2 | 2.2 | 1.2 | 0.9 | 0.4 | | | | |
| -10 | 0.3 | 0.4 | 0.8 | 1.2 | 1.8 | 7.1 | 37.4 | 68.1 | 68.1 | 37.4 | 7.1 | 1.8 | 1.2 | 0.8 | 0.4 | 0.3 | | | |
| -20 | | 0.4 | 0.8 | 1.2 | 1.5 | 2.5 | 7.5 | 17.5 | 17.5 | 7.5 | 2.5 | 1.5 | 1.2 | 0.8 | 0.4 | | | | |
| -30 | 0.2 | 0.3 | 0.7 | 1.1 | 1.4 | 1.7 | 2.1 | 2.7 | 2.7 | 2.1 | 1.7 | 1.4 | 1.1 | 0.7 | 0.3 | 0.2 | | | |
| -40 | | 0.3 | 0.5 | 0.9 | 1.2 | 1.5 | 1.7 | 1.7 | 1.7 | 1.7 | 1.5 | 1.2 | 0.9 | 0.5 | 0.3 | | | | |
| -50 | 0.2 | 0.2 | 0.4 | 0.7 | 1.0 | 1.2 | 1.4 | 1.5 | 1.5 | 1.4 | 1.2 | 1.0 | 0.7 | 0.4 | 0.2 | 0.2 | | | |
| -60 | | 0.2 | 0.3 | 0.4 | 0.6 | 0.8 | 0.9 | 1.0 | 1.0 | 0.9 | 0.8 | 0.6 | 0.4 | 0.3 | 0.2 | | | | |
| -70 | 0.0 | 0.3 | 0.8 | 1.2 | 1.3 | 1.2 | 0.8 | 0.3 | 0.0 | | | | | | | 0.0 | | | |
| -80 | | 0.3 | 0.8 | 1.2 | 1.3 | 1.2 | 0.8 | 0.3 | 0.0 | | | | | | | | | | |
| -90 | 0.0 | 0.3 | 0.8 | 1.2 | 1.3 | 1.2 | 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 |

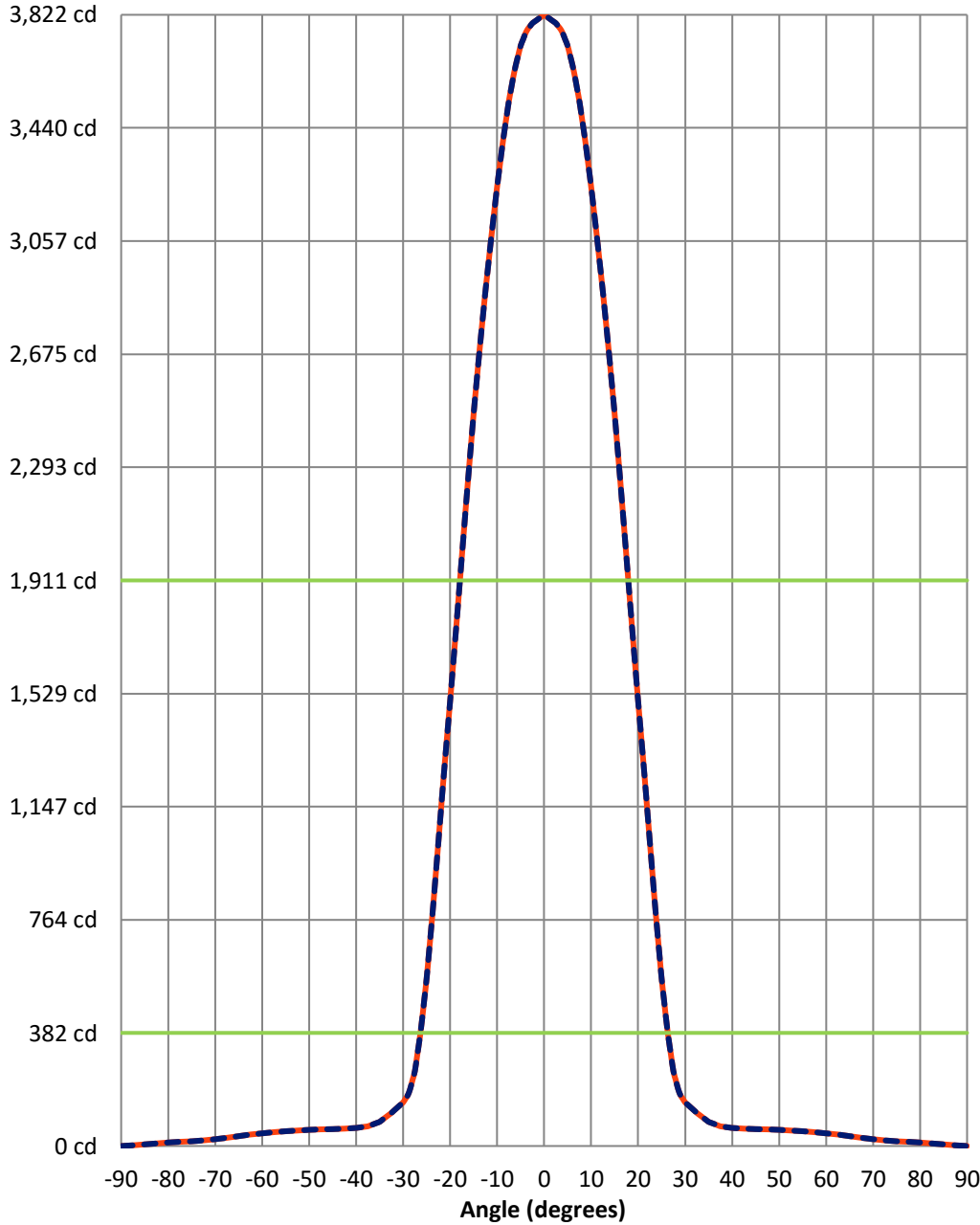
REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 35.8°
 V Angle: 35.8°
 Lumens: 874.8
 Efficiency: 58.8%

Field:
 H Angle: 52.6°
 V Angle: 52.6°
 Lumens: 1242.7
 Efficiency: 83.5%

Spill:
 Lumens: 245.2
 Efficiency: 16.5%

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



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| 87.5° | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.5 |
| 86.25° | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 |
| 85° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| 83.75° | 0.0 | 0.1 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 0.9 | 1.0 | 1.2 | 1.3 |
| 82.5° | 0.0 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 0.9 | 1.1 | 1.2 | 1.4 | 1.6 |
| 81.25° | 0.0 | 0.2 | 0.4 | 0.5 | 0.7 | 0.9 | 1.1 | 1.3 | 1.5 | 1.6 | 1.8 |
| 80° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.5 | 1.7 | 1.9 | 2.1 |
| 78.75° | 0.0 | 0.2 | 0.5 | 0.7 | 0.9 | 1.2 | 1.4 | 1.6 | 1.9 | 2.1 | 2.3 |
| 77.5° | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.3 | 1.6 | 1.8 | 2.1 | 2.3 | 2.6 |
| 76.25° | 0.0 | 0.3 | 0.6 | 0.9 | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.6 | 3.0 |
| 75° | 0.0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.6 | 1.9 | 2.2 | 2.5 | 2.9 | 3.3 |
| 73.75° | 0.0 | 0.3 | 0.7 | 1.0 | 1.3 | 1.7 | 2.0 | 2.3 | 2.8 | 3.2 | 3.6 |
| 72.5° | 0.0 | 0.4 | 0.7 | 1.1 | 1.4 | 1.8 | 2.2 | 2.6 | 3.0 | 3.5 | 4.0 |
| 71.25° | 0.0 | 0.4 | 0.8 | 1.2 | 1.5 | 1.9 | 2.3 | 2.8 | 3.3 | 3.8 | 4.3 |
| 70° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.1 | 4.6 |
| 68.75° | 0.0 | 0.4 | 0.9 | 1.3 | 1.7 | 2.2 | 2.7 | 3.2 | 3.8 | 4.4 | 5.0 |
| 67.5° | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 2.3 | 2.9 | 3.5 | 4.1 | 4.7 | 5.3 |
| 66.25° | 0.0 | 0.5 | 1.0 | 1.4 | 1.9 | 2.4 | 3.1 | 3.7 | 4.3 | 5.0 | 5.6 |
| 65° | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.6 | 3.2 | 3.9 | 4.6 | 5.3 | 5.9 |
| 63.75° | 0.0 | 0.5 | 1.1 | 1.6 | 2.1 | 2.7 | 3.4 | 4.1 | 4.8 | 5.5 | 6.2 |
| 62.5° | 0.0 | 0.6 | 1.1 | 1.7 | 2.2 | 2.9 | 3.6 | 4.4 | 5.1 | 5.8 | 6.5 |
| 61.25° | 0.0 | 0.6 | 1.2 | 1.7 | 2.3 | 3.0 | 3.8 | 4.6 | 5.3 | 6.1 | 6.8 |
| 60° | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.2 | 4.0 | 4.8 | 5.6 | 6.3 | 7.1 |
| 58.75° | 0.0 | 0.6 | 1.2 | 1.9 | 2.5 | 3.3 | 4.2 | 5.0 | 5.8 | 6.6 | 7.4 |
| 57.5° | 0.0 | 0.6 | 1.3 | 1.9 | 2.6 | 3.5 | 4.3 | 5.2 | 6.0 | 6.9 | 7.7 |
| 56.25° | 0.0 | 0.7 | 1.3 | 2.0 | 2.8 | 3.6 | 4.5 | 5.4 | 6.3 | 7.1 | 8.0 |
| 55° | 0.0 | 0.7 | 1.4 | 2.1 | 2.9 | 3.8 | 4.7 | 5.6 | 6.5 | 7.4 | 8.2 |
| 53.75° | 0.0 | 0.7 | 1.4 | 2.1 | 3.0 | 3.9 | 4.9 | 5.8 | 6.7 | 7.6 | 8.5 |
| 52.5° | 0.0 | 0.7 | 1.5 | 2.2 | 3.1 | 4.1 | 5.0 | 6.0 | 6.9 | 7.9 | 8.8 |
| 51.25° | 0.0 | 0.8 | 1.5 | 2.3 | 3.2 | 4.2 | 5.2 | 6.2 | 7.1 | 8.1 | 9.1 |
| 50° | 0.0 | 0.8 | 1.5 | 2.3 | 3.3 | 4.3 | 5.4 | 6.4 | 7.3 | 8.3 | 9.3 |
| 48.75° | 0.0 | 0.8 | 1.6 | 2.4 | 3.4 | 4.5 | 5.5 | 6.5 | 7.6 | 8.6 | 9.6 |
| 47.5° | 0.0 | 0.8 | 1.6 | 2.4 | 3.5 | 4.6 | 5.7 | 6.7 | 7.8 | 8.8 | 9.9 |
| 46.25° | 0.0 | 0.8 | 1.7 | 2.5 | 3.6 | 4.7 | 5.8 | 6.9 | 8.0 | 9.0 | 10.1 |
| 45° | 0.0 | 0.8 | 1.7 | 2.6 | 3.7 | 4.9 | 6.0 | 7.1 | 8.1 | 9.2 | 10.4 |
| 43.75° | 0.0 | 0.9 | 1.7 | 2.7 | 3.8 | 5.0 | 6.1 | 7.2 | 8.3 | 9.5 | 10.6 |
| 42.5° | 0.0 | 0.9 | 1.8 | 2.7 | 3.9 | 5.1 | 6.2 | 7.4 | 8.5 | 9.7 | 10.9 |
| 41.25° | 0.0 | 0.9 | 1.8 | 2.8 | 4.0 | 5.2 | 6.4 | 7.5 | 8.7 | 9.9 | 11.1 |
| 40° | 0.0 | 0.9 | 1.8 | 2.9 | 4.1 | 5.3 | 6.5 | 7.7 | 8.9 | 10.1 | 11.3 |
| 38.75° | 0.0 | 0.9 | 1.9 | 2.9 | 4.2 | 5.4 | 6.6 | 7.8 | 9.1 | 10.3 | 11.5 |
| 37.5° | 0.0 | 1.0 | 1.9 | 3.0 | 4.3 | 5.5 | 6.8 | 8.0 | 9.2 | 10.5 | 11.8 |
| 36.25° | 0.0 | 1.0 | 1.9 | 3.1 | 4.4 | 5.6 | 6.9 | 8.1 | 9.4 | 10.7 | 12.0 |
| 35° | 0.0 | 1.0 | 2.0 | 3.1 | 4.4 | 5.7 | 7.0 | 8.3 | 9.6 | 10.9 | 12.1 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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 | 1.0 | 2.0 | 3.2 | 4.5 | 5.8 | 7.1 | 8.4 | 9.7 | 11.0 | 12.3 |
| 32.5° | 0.0 | 1.0 | 2.0 | 3.2 | 4.6 | 5.9 | 7.2 | 8.5 | 9.9 | 11.2 | 12.4 |
| 31.25° | 0.0 | 1.0 | 2.1 | 3.3 | 4.7 | 6.0 | 7.3 | 8.7 | 10.0 | 11.4 | 12.5 |
| 30° | 0.0 | 1.0 | 2.1 | 3.4 | 4.7 | 6.1 | 7.4 | 8.8 | 10.2 | 11.6 | 12.7 |
| 28.75° | 0.0 | 1.1 | 2.1 | 3.4 | 4.8 | 6.2 | 7.5 | 8.9 | 10.3 | 11.7 | 12.8 |
| 27.5° | 0.0 | 1.1 | 2.1 | 3.5 | 4.9 | 6.3 | 7.6 | 9.0 | 10.4 | 11.9 | 12.9 |
| 26.25° | 0.0 | 1.1 | 2.2 | 3.5 | 4.9 | 6.3 | 7.7 | 9.1 | 10.6 | 12.0 | 13.0 |
| 25° | 0.0 | 1.1 | 2.2 | 3.5 | 5.0 | 6.4 | 7.8 | 9.2 | 10.7 | 12.1 | 13.2 |
| 23.75° | 0.0 | 1.1 | 2.2 | 3.6 | 5.1 | 6.5 | 7.9 | 9.3 | 10.8 | 12.2 | 13.3 |
| 22.5° | 0.0 | 1.1 | 2.2 | 3.6 | 5.1 | 6.6 | 8.0 | 9.4 | 10.9 | 12.3 | 13.4 |
| 21.25° | 0.0 | 1.1 | 2.2 | 3.7 | 5.2 | 6.6 | 8.1 | 9.5 | 11.0 | 12.4 | 13.5 |
| 20° | 0.0 | 1.1 | 2.3 | 3.7 | 5.2 | 6.7 | 8.1 | 9.6 | 11.1 | 12.4 | 13.6 |
| 18.75° | 0.0 | 1.1 | 2.3 | 3.7 | 5.3 | 6.7 | 8.2 | 9.7 | 11.2 | 12.5 | 13.7 |
| 17.5° | 0.0 | 1.1 | 2.3 | 3.8 | 5.3 | 6.8 | 8.3 | 9.8 | 11.3 | 12.6 | 13.7 |
| 16.25° | 0.0 | 1.2 | 2.3 | 3.8 | 5.3 | 6.8 | 8.3 | 9.8 | 11.4 | 12.7 | 13.8 |
| 15° | 0.0 | 1.2 | 2.3 | 3.8 | 5.4 | 6.9 | 8.4 | 9.9 | 11.5 | 12.7 | 13.9 |
| 13.75° | 0.0 | 1.2 | 2.3 | 3.9 | 5.4 | 6.9 | 8.4 | 10.0 | 11.5 | 12.8 | 14.0 |
| 12.5° | 0.0 | 1.2 | 2.3 | 3.9 | 5.4 | 7.0 | 8.5 | 10.0 | 11.6 | 12.8 | 14.0 |
| 11.25° | 0.0 | 1.2 | 2.4 | 3.9 | 5.5 | 7.0 | 8.5 | 10.1 | 11.7 | 12.9 | 14.1 |
| 10° | 0.0 | 1.2 | 2.4 | 3.9 | 5.5 | 7.0 | 8.6 | 10.1 | 11.7 | 12.9 | 14.1 |
| 8.75° | 0.0 | 1.2 | 2.4 | 3.9 | 5.5 | 7.1 | 8.6 | 10.2 | 11.7 | 13.0 | 14.2 |
| 7.5° | 0.0 | 1.2 | 2.4 | 4.0 | 5.5 | 7.1 | 8.6 | 10.2 | 11.8 | 13.0 | 14.2 |
| 6.25° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.6 | 10.2 | 11.8 | 13.0 | 14.2 |
| 5° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.7 | 10.3 | 11.9 | 13.1 | 14.3 |
| 3.75° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.7 | 10.3 | 11.9 | 13.1 | 14.3 |
| 2.5° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.7 | 10.3 | 11.9 | 13.1 | 14.3 |
| 1.25° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.7 | 10.3 | 11.9 | 13.1 | 14.3 |
| 0° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.7 | 10.3 | 11.9 | 13.1 | 14.3 |
| -1.25° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.7 | 10.3 | 11.9 | 13.1 | 14.3 |
| -2.5° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.7 | 10.3 | 11.9 | 13.1 | 14.3 |
| -3.75° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.7 | 10.3 | 11.9 | 13.1 | 14.3 |
| -5° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.7 | 10.3 | 11.9 | 13.1 | 14.3 |
| -6.25° | 0.0 | 1.2 | 2.4 | 4.0 | 5.6 | 7.1 | 8.6 | 10.2 | 11.8 | 13.0 | 14.2 |
| -7.5° | 0.0 | 1.2 | 2.4 | 4.0 | 5.5 | 7.1 | 8.6 | 10.2 | 11.8 | 13.0 | 14.2 |
| -8.75° | 0.0 | 1.2 | 2.4 | 3.9 | 5.5 | 7.1 | 8.6 | 10.2 | 11.7 | 13.0 | 14.2 |
| -10° | 0.0 | 1.2 | 2.4 | 3.9 | 5.5 | 7.0 | 8.6 | 10.1 | 11.7 | 12.9 | 14.1 |
| -11.25° | 0.0 | 1.2 | 2.4 | 3.9 | 5.5 | 7.0 | 8.5 | 10.1 | 11.7 | 12.9 | 14.1 |
| -12.5° | 0.0 | 1.2 | 2.3 | 3.9 | 5.4 | 7.0 | 8.5 | 10.0 | 11.6 | 12.8 | 14.0 |
| -13.75° | 0.0 | 1.2 | 2.3 | 3.9 | 5.4 | 6.9 | 8.4 | 10.0 | 11.5 | 12.8 | 14.0 |
| -15° | 0.0 | 1.2 | 2.3 | 3.8 | 5.4 | 6.9 | 8.4 | 9.9 | 11.5 | 12.7 | 13.9 |
| -16.25° | 0.0 | 1.2 | 2.3 | 3.8 | 5.3 | 6.8 | 8.3 | 9.8 | 11.4 | 12.7 | 13.8 |
| -17.5° | 0.0 | 1.1 | 2.3 | 3.8 | 5.3 | 6.8 | 8.3 | 9.8 | 11.3 | 12.6 | 13.7 |
| -18.75° | 0.0 | 1.1 | 2.3 | 3.7 | 5.3 | 6.7 | 8.2 | 9.7 | 11.2 | 12.5 | 13.7 |
| -20° | 0.0 | 1.1 | 2.3 | 3.7 | 5.2 | 6.7 | 8.1 | 9.6 | 11.1 | 12.4 | 13.6 |
| -21.25° | 0.0 | 1.1 | 2.2 | 3.7 | 5.2 | 6.6 | 8.1 | 9.5 | 11.0 | 12.4 | 13.5 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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 | 1.1 | 2.2 | 3.6 | 5.1 | 6.6 | 8.0 | 9.4 | 10.9 | 12.3 | 13.4 |
| -23.75° | 0.0 | 1.1 | 2.2 | 3.6 | 5.1 | 6.5 | 7.9 | 9.3 | 10.8 | 12.2 | 13.3 |
| -25° | 0.0 | 1.1 | 2.2 | 3.5 | 5.0 | 6.4 | 7.8 | 9.2 | 10.7 | 12.1 | 13.2 |
| -26.25° | 0.0 | 1.1 | 2.2 | 3.5 | 4.9 | 6.3 | 7.7 | 9.1 | 10.6 | 12.0 | 13.0 |
| -27.5° | 0.0 | 1.1 | 2.1 | 3.5 | 4.9 | 6.3 | 7.6 | 9.0 | 10.4 | 11.9 | 12.9 |
| -28.75° | 0.0 | 1.1 | 2.1 | 3.4 | 4.8 | 6.2 | 7.5 | 8.9 | 10.3 | 11.7 | 12.8 |
| -30° | 0.0 | 1.0 | 2.1 | 3.4 | 4.7 | 6.1 | 7.4 | 8.8 | 10.2 | 11.6 | 12.7 |
| -31.25° | 0.0 | 1.0 | 2.1 | 3.3 | 4.7 | 6.0 | 7.3 | 8.7 | 10.0 | 11.4 | 12.5 |
| -32.5° | 0.0 | 1.0 | 2.0 | 3.2 | 4.6 | 5.9 | 7.2 | 8.5 | 9.9 | 11.2 | 12.4 |
| -33.75° | 0.0 | 1.0 | 2.0 | 3.2 | 4.5 | 5.8 | 7.1 | 8.4 | 9.7 | 11.0 | 12.3 |
| -35° | 0.0 | 1.0 | 2.0 | 3.1 | 4.4 | 5.7 | 7.0 | 8.3 | 9.6 | 10.9 | 12.1 |
| -36.25° | 0.0 | 1.0 | 1.9 | 3.1 | 4.4 | 5.6 | 6.9 | 8.1 | 9.4 | 10.7 | 12.0 |
| -37.5° | 0.0 | 1.0 | 1.9 | 3.0 | 4.3 | 5.5 | 6.8 | 8.0 | 9.2 | 10.5 | 11.8 |
| -38.75° | 0.0 | 0.9 | 1.9 | 2.9 | 4.2 | 5.4 | 6.6 | 7.8 | 9.1 | 10.3 | 11.5 |
| -40° | 0.0 | 0.9 | 1.8 | 2.9 | 4.1 | 5.3 | 6.5 | 7.7 | 8.9 | 10.1 | 11.3 |
| -41.25° | 0.0 | 0.9 | 1.8 | 2.8 | 4.0 | 5.2 | 6.4 | 7.5 | 8.7 | 9.9 | 11.1 |
| -42.5° | 0.0 | 0.9 | 1.8 | 2.7 | 3.9 | 5.1 | 6.2 | 7.4 | 8.5 | 9.7 | 10.9 |
| -43.75° | 0.0 | 0.9 | 1.7 | 2.7 | 3.8 | 5.0 | 6.1 | 7.2 | 8.3 | 9.5 | 10.6 |
| -45° | 0.0 | 0.8 | 1.7 | 2.6 | 3.7 | 4.9 | 6.0 | 7.1 | 8.1 | 9.2 | 10.4 |
| -46.25° | 0.0 | 0.8 | 1.7 | 2.5 | 3.6 | 4.7 | 5.8 | 6.9 | 8.0 | 9.0 | 10.1 |
| -47.5° | 0.0 | 0.8 | 1.6 | 2.4 | 3.5 | 4.6 | 5.7 | 6.7 | 7.8 | 8.8 | 9.9 |
| -48.75° | 0.0 | 0.8 | 1.6 | 2.4 | 3.4 | 4.5 | 5.5 | 6.5 | 7.6 | 8.6 | 9.6 |
| -50° | 0.0 | 0.8 | 1.5 | 2.3 | 3.3 | 4.3 | 5.4 | 6.4 | 7.3 | 8.3 | 9.3 |
| -51.25° | 0.0 | 0.8 | 1.5 | 2.3 | 3.2 | 4.2 | 5.2 | 6.2 | 7.1 | 8.1 | 9.1 |
| -52.5° | 0.0 | 0.7 | 1.5 | 2.2 | 3.1 | 4.1 | 5.0 | 6.0 | 6.9 | 7.9 | 8.8 |
| -53.75° | 0.0 | 0.7 | 1.4 | 2.1 | 3.0 | 3.9 | 4.9 | 5.8 | 6.7 | 7.6 | 8.5 |
| -55° | 0.0 | 0.7 | 1.4 | 2.1 | 2.9 | 3.8 | 4.7 | 5.6 | 6.5 | 7.4 | 8.2 |
| -56.25° | 0.0 | 0.7 | 1.3 | 2.0 | 2.8 | 3.6 | 4.5 | 5.4 | 6.3 | 7.1 | 8.0 |
| -57.5° | 0.0 | 0.6 | 1.3 | 1.9 | 2.6 | 3.5 | 4.3 | 5.2 | 6.0 | 6.9 | 7.7 |
| -58.75° | 0.0 | 0.6 | 1.2 | 1.9 | 2.5 | 3.3 | 4.2 | 5.0 | 5.8 | 6.6 | 7.4 |
| -60° | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.2 | 4.0 | 4.8 | 5.6 | 6.3 | 7.1 |
| -61.25° | 0.0 | 0.6 | 1.2 | 1.7 | 2.3 | 3.0 | 3.8 | 4.6 | 5.3 | 6.1 | 6.8 |
| -62.5° | 0.0 | 0.6 | 1.1 | 1.7 | 2.2 | 2.9 | 3.6 | 4.4 | 5.1 | 5.8 | 6.5 |
| -63.75° | 0.0 | 0.5 | 1.1 | 1.6 | 2.1 | 2.7 | 3.4 | 4.1 | 4.8 | 5.5 | 6.2 |
| -65° | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.6 | 3.2 | 3.9 | 4.6 | 5.3 | 5.9 |
| -66.25° | 0.0 | 0.5 | 1.0 | 1.4 | 1.9 | 2.4 | 3.1 | 3.7 | 4.3 | 5.0 | 5.6 |
| -67.5° | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 2.3 | 2.9 | 3.5 | 4.1 | 4.7 | 5.3 |
| -68.75° | 0.0 | 0.4 | 0.9 | 1.3 | 1.7 | 2.2 | 2.7 | 3.2 | 3.8 | 4.4 | 5.0 |
| -70° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.1 | 4.6 |
| -71.25° | 0.0 | 0.4 | 0.8 | 1.2 | 1.5 | 1.9 | 2.3 | 2.8 | 3.3 | 3.8 | 4.3 |
| -72.5° | 0.0 | 0.4 | 0.7 | 1.1 | 1.4 | 1.8 | 2.2 | 2.6 | 3.0 | 3.5 | 4.0 |
| -73.75° | 0.0 | 0.3 | 0.7 | 1.0 | 1.3 | 1.7 | 2.0 | 2.3 | 2.8 | 3.2 | 3.6 |
| -75° | 0.0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.6 | 1.9 | 2.2 | 2.5 | 2.9 | 3.3 |
| -76.25° | 0.0 | 0.3 | 0.6 | 0.9 | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.6 | 3.0 |
| -77.5° | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.3 | 1.6 | 1.8 | 2.1 | 2.3 | 2.6 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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 | 0.5 | 0.7 | 0.9 | 1.2 | 1.4 | 1.6 | 1.9 | 2.1 | 2.3 |
| -80° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.5 | 1.7 | 1.9 | 2.1 |
| -81.25° | 0.0 | 0.2 | 0.4 | 0.5 | 0.7 | 0.9 | 1.1 | 1.3 | 1.5 | 1.6 | 1.8 |
| -82.5° | 0.0 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 0.9 | 1.1 | 1.2 | 1.4 | 1.6 |
| -83.75° | 0.0 | 0.1 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 0.9 | 1.0 | 1.2 | 1.3 |
| -85° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
| -86.25° | 0.0 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.7 | 0.8 |
| -87.5° | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.5 |
| -88.75° | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 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: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 |
| 87.5° | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.9 | 0.9 | 1.0 | 1.0 | 1.1 |
| 86.25° | 0.9 | 0.9 | 1.0 | 1.1 | 1.2 | 1.2 | 1.3 | 1.4 | 1.4 | 1.5 | 1.6 |
| 85° | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 |
| 83.75° | 1.4 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.2 | 2.3 | 2.4 | 2.6 | 2.7 |
| 82.5° | 1.7 | 1.9 | 2.0 | 2.2 | 2.3 | 2.5 | 2.7 | 2.9 | 3.1 | 3.2 | 3.4 |
| 81.25° | 2.0 | 2.2 | 2.3 | 2.6 | 2.8 | 3.0 | 3.2 | 3.5 | 3.7 | 3.9 | 4.1 |
| 80° | 2.3 | 2.5 | 2.8 | 3.0 | 3.3 | 3.6 | 3.8 | 4.1 | 4.3 | 4.6 | 4.8 |
| 78.75° | 2.6 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.7 | 5.0 | 5.3 | 5.5 |
| 77.5° | 3.0 | 3.3 | 3.6 | 4.0 | 4.3 | 4.6 | 5.0 | 5.3 | 5.6 | 5.9 | 6.2 |
| 76.25° | 3.3 | 3.7 | 4.1 | 4.4 | 4.8 | 5.2 | 5.5 | 5.9 | 6.2 | 6.5 | 6.9 |
| 75° | 3.7 | 4.1 | 4.5 | 4.9 | 5.3 | 5.7 | 6.1 | 6.4 | 6.8 | 7.2 | 7.6 |
| 73.75° | 4.1 | 4.5 | 4.9 | 5.4 | 5.8 | 6.2 | 6.6 | 7.0 | 7.4 | 7.8 | 8.2 |
| 72.5° | 4.4 | 4.9 | 5.4 | 5.8 | 6.3 | 6.7 | 7.2 | 7.6 | 8.0 | 8.5 | 8.9 |
| 71.25° | 4.8 | 5.3 | 5.8 | 6.3 | 6.8 | 7.2 | 7.7 | 8.2 | 8.6 | 9.1 | 9.6 |
| 70° | 5.2 | 5.7 | 6.2 | 6.7 | 7.2 | 7.7 | 8.2 | 8.7 | 9.2 | 9.7 | 10.2 |
| 68.75° | 5.5 | 6.1 | 6.6 | 7.2 | 7.7 | 8.2 | 8.8 | 9.3 | 9.8 | 10.4 | 10.9 |
| 67.5° | 5.9 | 6.4 | 7.0 | 7.6 | 8.2 | 8.7 | 9.3 | 9.9 | 10.4 | 11.0 | 11.6 |
| 66.25° | 6.2 | 6.8 | 7.4 | 8.0 | 8.6 | 9.2 | 9.8 | 10.4 | 11.0 | 11.6 | 12.2 |
| 65° | 6.5 | 7.2 | 7.8 | 8.5 | 9.1 | 9.7 | 10.4 | 11.0 | 11.6 | 12.2 | 12.6 |
| 63.75° | 6.9 | 7.6 | 8.2 | 8.9 | 9.6 | 10.2 | 10.9 | 11.6 | 12.2 | 12.6 | 13.1 |
| 62.5° | 7.2 | 7.9 | 8.6 | 9.3 | 10.0 | 10.7 | 11.4 | 12.1 | 12.6 | 13.1 | 13.6 |
| 61.25° | 7.5 | 8.3 | 9.0 | 9.7 | 10.5 | 11.2 | 11.9 | 12.5 | 13.0 | 13.6 | 14.1 |
| 60° | 7.9 | 8.6 | 9.4 | 10.2 | 10.9 | 11.7 | 12.3 | 12.9 | 13.5 | 14.0 | 14.5 |
| 58.75° | 8.2 | 9.0 | 9.8 | 10.6 | 11.4 | 12.1 | 12.7 | 13.3 | 13.9 | 14.4 | 14.8 |
| 57.5° | 8.5 | 9.3 | 10.2 | 11.0 | 11.8 | 12.5 | 13.1 | 13.7 | 14.3 | 14.7 | 15.1 |
| 56.25° | 8.8 | 9.7 | 10.5 | 11.4 | 12.2 | 12.8 | 13.5 | 14.1 | 14.6 | 15.0 | 15.4 |
| 55° | 9.1 | 10.0 | 10.9 | 11.8 | 12.5 | 13.2 | 13.8 | 14.4 | 14.8 | 15.3 | 15.7 |
| 53.75° | 9.4 | 10.4 | 11.3 | 12.1 | 12.8 | 13.5 | 14.2 | 14.7 | 15.1 | 15.6 | 16.1 |
| 52.5° | 9.7 | 10.7 | 11.7 | 12.4 | 13.1 | 13.8 | 14.5 | 14.9 | 15.4 | 15.8 | 16.7 |
| 51.25° | 10.1 | 11.0 | 12.0 | 12.7 | 13.4 | 14.2 | 14.7 | 15.2 | 15.6 | 16.3 | 17.2 |
| 50° | 10.3 | 11.4 | 12.2 | 13.0 | 13.7 | 14.4 | 14.9 | 15.4 | 15.9 | 16.8 | 17.8 |
| 48.75° | 10.6 | 11.7 | 12.5 | 13.3 | 14.0 | 14.6 | 15.1 | 15.7 | 16.4 | 17.4 | 18.3 |
| 47.5° | 10.9 | 12.0 | 12.8 | 13.6 | 14.3 | 14.9 | 15.4 | 15.9 | 16.9 | 17.9 | 18.9 |
| 46.25° | 11.2 | 12.2 | 13.0 | 13.8 | 14.5 | 15.1 | 15.6 | 16.3 | 17.4 | 18.4 | 19.5 |
| 45° | 11.5 | 12.4 | 13.3 | 14.1 | 14.7 | 15.3 | 15.8 | 16.8 | 17.8 | 18.9 | 20.2 |
| 43.75° | 11.8 | 12.6 | 13.5 | 14.3 | 14.9 | 15.5 | 16.1 | 17.2 | 18.3 | 19.4 | 20.8 |
| 42.5° | 12.0 | 12.9 | 13.7 | 14.5 | 15.1 | 15.6 | 16.5 | 17.6 | 18.7 | 20.0 | 21.5 |
| 41.25° | 12.2 | 13.1 | 14.0 | 14.7 | 15.3 | 15.8 | 16.9 | 18.0 | 19.2 | 20.6 | 22.1 |
| 40° | 12.4 | 13.3 | 14.2 | 14.8 | 15.4 | 16.1 | 17.3 | 18.4 | 19.8 | 21.2 | 22.7 |
| 38.75° | 12.6 | 13.5 | 14.4 | 15.0 | 15.6 | 16.5 | 17.7 | 18.8 | 20.3 | 21.8 | 23.3 |
| 37.5° | 12.7 | 13.7 | 14.5 | 15.1 | 15.8 | 16.8 | 18.0 | 19.3 | 20.8 | 22.3 | 24.0 |
| 36.25° | 12.9 | 13.9 | 14.6 | 15.3 | 15.9 | 17.2 | 18.4 | 19.8 | 21.3 | 22.9 | 24.7 |
| 35° | 13.1 | 14.1 | 14.8 | 15.4 | 16.2 | 17.5 | 18.7 | 20.2 | 21.8 | 23.5 | 25.4 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 13.2 | 14.2 | 14.9 | 15.6 | 16.5 | 17.8 | 19.1 | 20.7 | 22.3 | 24.1 | 26.0 |
| 32.5° | 13.4 | 14.4 | 15.0 | 15.7 | 16.8 | 18.1 | 19.5 | 21.1 | 22.8 | 24.7 | 26.7 |
| 31.25° | 13.6 | 14.5 | 15.2 | 15.8 | 17.1 | 18.4 | 19.9 | 21.6 | 23.3 | 25.3 | 27.3 |
| 30° | 13.7 | 14.6 | 15.3 | 16.0 | 17.3 | 18.7 | 20.3 | 22.0 | 23.8 | 25.8 | 27.8 |
| 28.75° | 13.8 | 14.7 | 15.4 | 16.3 | 17.6 | 18.9 | 20.6 | 22.4 | 24.3 | 26.4 | 28.5 |
| 27.5° | 14.0 | 14.8 | 15.5 | 16.5 | 17.8 | 19.3 | 21.0 | 22.7 | 24.8 | 26.9 | 29.1 |
| 26.25° | 14.1 | 14.9 | 15.6 | 16.7 | 18.1 | 19.6 | 21.4 | 23.1 | 25.3 | 27.4 | 29.7 |
| 25° | 14.2 | 15.0 | 15.7 | 16.9 | 18.3 | 19.9 | 21.7 | 23.6 | 25.7 | 27.8 | 30.3 |
| 23.75° | 14.3 | 15.1 | 15.8 | 17.1 | 18.5 | 20.2 | 22.0 | 24.0 | 26.1 | 28.4 | 30.8 |
| 22.5° | 14.4 | 15.2 | 15.9 | 17.3 | 18.7 | 20.5 | 22.3 | 24.4 | 26.5 | 28.9 | 31.4 |
| 21.25° | 14.5 | 15.2 | 16.0 | 17.5 | 18.9 | 20.7 | 22.6 | 24.7 | 26.9 | 29.3 | 31.9 |
| 20° | 14.6 | 15.3 | 16.2 | 17.7 | 19.1 | 21.0 | 22.9 | 25.1 | 27.3 | 29.8 | 32.3 |
| 18.75° | 14.6 | 15.4 | 16.4 | 17.8 | 19.4 | 21.2 | 23.1 | 25.4 | 27.6 | 30.2 | 32.8 |
| 17.5° | 14.7 | 15.4 | 16.5 | 18.0 | 19.6 | 21.5 | 23.4 | 25.7 | 28.0 | 30.6 | 33.2 |
| 16.25° | 14.7 | 15.5 | 16.6 | 18.1 | 19.8 | 21.7 | 23.7 | 26.0 | 28.3 | 31.0 | 33.6 |
| 15° | 14.8 | 15.6 | 16.7 | 18.2 | 19.9 | 21.9 | 23.9 | 26.3 | 28.7 | 31.3 | 34.0 |
| 13.75° | 14.8 | 15.6 | 16.9 | 18.4 | 20.1 | 22.0 | 24.2 | 26.5 | 29.0 | 31.6 | 34.3 |
| 12.5° | 14.9 | 15.7 | 17.0 | 18.5 | 20.3 | 22.2 | 24.4 | 26.7 | 29.2 | 31.9 | 34.6 |
| 11.25° | 14.9 | 15.7 | 17.1 | 18.6 | 20.4 | 22.4 | 24.6 | 26.9 | 29.5 | 32.2 | 34.9 |
| 10° | 15.0 | 15.8 | 17.1 | 18.7 | 20.5 | 22.5 | 24.8 | 27.1 | 29.7 | 32.4 | 35.1 |
| 8.75° | 15.0 | 15.8 | 17.2 | 18.7 | 20.6 | 22.6 | 24.9 | 27.3 | 29.9 | 32.6 | 35.4 |
| 7.5° | 15.0 | 15.8 | 17.3 | 18.8 | 20.7 | 22.7 | 25.0 | 27.4 | 30.1 | 32.8 | 35.6 |
| 6.25° | 15.0 | 15.8 | 17.3 | 18.9 | 20.8 | 22.8 | 25.1 | 27.5 | 30.2 | 33.0 | 35.7 |
| 5° | 15.1 | 15.9 | 17.4 | 18.9 | 20.9 | 22.9 | 25.2 | 27.6 | 30.3 | 33.1 | 35.9 |
| 3.75° | 15.1 | 15.9 | 17.4 | 19.0 | 20.9 | 22.9 | 25.3 | 27.7 | 30.4 | 33.2 | 36.0 |
| 2.5° | 15.1 | 15.9 | 17.4 | 19.0 | 21.0 | 23.0 | 25.4 | 27.8 | 30.5 | 33.2 | 36.0 |
| 1.25° | 15.1 | 15.9 | 17.4 | 19.0 | 21.0 | 23.0 | 25.4 | 27.8 | 30.5 | 33.3 | 36.1 |
| 0° | 15.1 | 15.9 | 17.5 | 19.0 | 21.0 | 23.0 | 25.4 | 27.8 | 30.6 | 33.3 | 36.1 |
| -1.25° | 15.1 | 15.9 | 17.4 | 19.0 | 21.0 | 23.0 | 25.4 | 27.8 | 30.5 | 33.3 | 36.1 |
| -2.5° | 15.1 | 15.9 | 17.4 | 19.0 | 21.0 | 23.0 | 25.4 | 27.8 | 30.5 | 33.2 | 36.0 |
| -3.75° | 15.1 | 15.9 | 17.4 | 19.0 | 20.9 | 22.9 | 25.3 | 27.7 | 30.4 | 33.2 | 36.0 |
| -5° | 15.1 | 15.9 | 17.4 | 18.9 | 20.9 | 22.9 | 25.2 | 27.6 | 30.3 | 33.1 | 35.9 |
| -6.25° | 15.0 | 15.8 | 17.3 | 18.9 | 20.8 | 22.8 | 25.1 | 27.5 | 30.2 | 33.0 | 35.7 |
| -7.5° | 15.0 | 15.8 | 17.3 | 18.8 | 20.7 | 22.7 | 25.0 | 27.4 | 30.1 | 32.8 | 35.6 |
| -8.75° | 15.0 | 15.8 | 17.2 | 18.7 | 20.6 | 22.6 | 24.9 | 27.3 | 29.9 | 32.6 | 35.4 |
| -10° | 15.0 | 15.8 | 17.1 | 18.7 | 20.5 | 22.5 | 24.8 | 27.1 | 29.7 | 32.4 | 35.1 |
| -11.25° | 14.9 | 15.7 | 17.1 | 18.6 | 20.4 | 22.4 | 24.6 | 26.9 | 29.5 | 32.2 | 34.9 |
| -12.5° | 14.9 | 15.7 | 17.0 | 18.5 | 20.3 | 22.2 | 24.4 | 26.7 | 29.2 | 31.9 | 34.6 |
| -13.75° | 14.8 | 15.6 | 16.9 | 18.4 | 20.1 | 22.0 | 24.2 | 26.5 | 29.0 | 31.6 | 34.3 |
| -15° | 14.8 | 15.6 | 16.7 | 18.2 | 19.9 | 21.9 | 23.9 | 26.3 | 28.7 | 31.3 | 34.0 |
| -16.25° | 14.7 | 15.5 | 16.6 | 18.1 | 19.8 | 21.7 | 23.7 | 26.0 | 28.3 | 31.0 | 33.6 |
| -17.5° | 14.7 | 15.4 | 16.5 | 18.0 | 19.6 | 21.5 | 23.4 | 25.7 | 28.0 | 30.6 | 33.2 |
| -18.75° | 14.6 | 15.4 | 16.4 | 17.8 | 19.4 | 21.2 | 23.1 | 25.4 | 27.6 | 30.2 | 32.8 |
| -20° | 14.6 | 15.3 | 16.2 | 17.7 | 19.1 | 21.0 | 22.9 | 25.1 | 27.3 | 29.8 | 32.3 |
| -21.25° | 14.5 | 15.2 | 16.0 | 17.5 | 18.9 | 20.7 | 22.6 | 24.7 | 26.9 | 29.3 | 31.9 |



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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° | 14.4 | 15.2 | 15.9 | 17.3 | 18.7 | 20.5 | 22.3 | 24.4 | 26.5 | 28.9 | 31.4 |
| -23.75° | 14.3 | 15.1 | 15.8 | 17.1 | 18.5 | 20.2 | 22.0 | 24.0 | 26.1 | 28.4 | 30.8 |
| -25° | 14.2 | 15.0 | 15.7 | 16.9 | 18.3 | 19.9 | 21.7 | 23.6 | 25.7 | 27.8 | 30.3 |
| -26.25° | 14.1 | 14.9 | 15.6 | 16.7 | 18.1 | 19.6 | 21.4 | 23.1 | 25.3 | 27.4 | 29.7 |
| -27.5° | 14.0 | 14.8 | 15.5 | 16.5 | 17.8 | 19.3 | 21.0 | 22.7 | 24.8 | 26.9 | 29.1 |
| -28.75° | 13.8 | 14.7 | 15.4 | 16.3 | 17.6 | 18.9 | 20.6 | 22.4 | 24.3 | 26.4 | 28.5 |
| -30° | 13.7 | 14.6 | 15.3 | 16.0 | 17.3 | 18.7 | 20.3 | 22.0 | 23.8 | 25.8 | 27.8 |
| -31.25° | 13.6 | 14.5 | 15.2 | 15.8 | 17.1 | 18.4 | 19.9 | 21.6 | 23.3 | 25.3 | 27.3 |
| -32.5° | 13.4 | 14.4 | 15.0 | 15.7 | 16.8 | 18.1 | 19.5 | 21.1 | 22.8 | 24.7 | 26.7 |
| -33.75° | 13.2 | 14.2 | 14.9 | 15.6 | 16.5 | 17.8 | 19.1 | 20.7 | 22.3 | 24.1 | 26.0 |
| -35° | 13.1 | 14.1 | 14.8 | 15.4 | 16.2 | 17.5 | 18.7 | 20.2 | 21.8 | 23.5 | 25.4 |
| -36.25° | 12.9 | 13.9 | 14.6 | 15.3 | 15.9 | 17.2 | 18.4 | 19.8 | 21.3 | 22.9 | 24.7 |
| -37.5° | 12.7 | 13.7 | 14.5 | 15.1 | 15.8 | 16.8 | 18.0 | 19.3 | 20.8 | 22.3 | 24.0 |
| -38.75° | 12.6 | 13.5 | 14.4 | 15.0 | 15.6 | 16.5 | 17.7 | 18.8 | 20.3 | 21.8 | 23.3 |
| -40° | 12.4 | 13.3 | 14.2 | 14.8 | 15.4 | 16.1 | 17.3 | 18.4 | 19.8 | 21.2 | 22.7 |
| -41.25° | 12.2 | 13.1 | 14.0 | 14.7 | 15.3 | 15.8 | 16.9 | 18.0 | 19.2 | 20.6 | 22.1 |
| -42.5° | 12.0 | 12.9 | 13.7 | 14.5 | 15.1 | 15.6 | 16.5 | 17.6 | 18.7 | 20.0 | 21.5 |
| -43.75° | 11.8 | 12.6 | 13.5 | 14.3 | 14.9 | 15.5 | 16.1 | 17.2 | 18.3 | 19.4 | 20.8 |
| -45° | 11.5 | 12.4 | 13.3 | 14.1 | 14.7 | 15.3 | 15.8 | 16.8 | 17.8 | 18.9 | 20.2 |
| -46.25° | 11.2 | 12.2 | 13.0 | 13.8 | 14.5 | 15.1 | 15.6 | 16.3 | 17.4 | 18.4 | 19.5 |
| -47.5° | 10.9 | 12.0 | 12.8 | 13.6 | 14.3 | 14.9 | 15.4 | 15.9 | 16.9 | 17.9 | 18.9 |
| -48.75° | 10.6 | 11.7 | 12.5 | 13.3 | 14.0 | 14.6 | 15.1 | 15.7 | 16.4 | 17.4 | 18.3 |
| -50° | 10.3 | 11.4 | 12.2 | 13.0 | 13.7 | 14.4 | 14.9 | 15.4 | 15.9 | 16.8 | 17.8 |
| -51.25° | 10.1 | 11.0 | 12.0 | 12.7 | 13.4 | 14.2 | 14.7 | 15.2 | 15.6 | 16.3 | 17.2 |
| -52.5° | 9.7 | 10.7 | 11.7 | 12.4 | 13.1 | 13.8 | 14.5 | 14.9 | 15.4 | 15.8 | 16.7 |
| -53.75° | 9.4 | 10.4 | 11.3 | 12.1 | 12.8 | 13.5 | 14.2 | 14.7 | 15.1 | 15.6 | 16.1 |
| -55° | 9.1 | 10.0 | 10.9 | 11.8 | 12.5 | 13.2 | 13.8 | 14.4 | 14.8 | 15.3 | 15.7 |
| -56.25° | 8.8 | 9.7 | 10.5 | 11.4 | 12.2 | 12.8 | 13.5 | 14.1 | 14.6 | 15.0 | 15.4 |
| -57.5° | 8.5 | 9.3 | 10.2 | 11.0 | 11.8 | 12.5 | 13.1 | 13.7 | 14.3 | 14.7 | 15.1 |
| -58.75° | 8.2 | 9.0 | 9.8 | 10.6 | 11.4 | 12.1 | 12.7 | 13.3 | 13.9 | 14.4 | 14.8 |
| -60° | 7.9 | 8.6 | 9.4 | 10.2 | 10.9 | 11.7 | 12.3 | 12.9 | 13.5 | 14.0 | 14.5 |
| -61.25° | 7.5 | 8.3 | 9.0 | 9.7 | 10.5 | 11.2 | 11.9 | 12.5 | 13.0 | 13.6 | 14.1 |
| -62.5° | 7.2 | 7.9 | 8.6 | 9.3 | 10.0 | 10.7 | 11.4 | 12.1 | 12.6 | 13.1 | 13.6 |
| -63.75° | 6.9 | 7.6 | 8.2 | 8.9 | 9.6 | 10.2 | 10.9 | 11.6 | 12.2 | 12.6 | 13.1 |
| -65° | 6.5 | 7.2 | 7.8 | 8.5 | 9.1 | 9.7 | 10.4 | 11.0 | 11.6 | 12.2 | 12.6 |
| -66.25° | 6.2 | 6.8 | 7.4 | 8.0 | 8.6 | 9.2 | 9.8 | 10.4 | 11.0 | 11.6 | 12.2 |
| -67.5° | 5.9 | 6.4 | 7.0 | 7.6 | 8.2 | 8.7 | 9.3 | 9.9 | 10.4 | 11.0 | 11.6 |
| -68.75° | 5.5 | 6.1 | 6.6 | 7.2 | 7.7 | 8.2 | 8.8 | 9.3 | 9.8 | 10.4 | 10.9 |
| -70° | 5.2 | 5.7 | 6.2 | 6.7 | 7.2 | 7.7 | 8.2 | 8.7 | 9.2 | 9.7 | 10.2 |
| -71.25° | 4.8 | 5.3 | 5.8 | 6.3 | 6.8 | 7.2 | 7.7 | 8.2 | 8.6 | 9.1 | 9.6 |
| -72.5° | 4.4 | 4.9 | 5.4 | 5.8 | 6.3 | 6.7 | 7.2 | 7.6 | 8.0 | 8.5 | 8.9 |
| -73.75° | 4.1 | 4.5 | 4.9 | 5.4 | 5.8 | 6.2 | 6.6 | 7.0 | 7.4 | 7.8 | 8.2 |
| -75° | 3.7 | 4.1 | 4.5 | 4.9 | 5.3 | 5.7 | 6.1 | 6.4 | 6.8 | 7.2 | 7.6 |
| -76.25° | 3.3 | 3.7 | 4.1 | 4.4 | 4.8 | 5.2 | 5.5 | 5.9 | 6.2 | 6.5 | 6.9 |
| -77.5° | 3.0 | 3.3 | 3.6 | 4.0 | 4.3 | 4.6 | 5.0 | 5.3 | 5.6 | 5.9 | 6.2 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 2.6 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.7 | 5.0 | 5.3 | 5.5 |
| -80° | 2.3 | 2.5 | 2.8 | 3.0 | 3.3 | 3.6 | 3.8 | 4.1 | 4.3 | 4.6 | 4.8 |
| -81.25° | 2.0 | 2.2 | 2.3 | 2.6 | 2.8 | 3.0 | 3.2 | 3.5 | 3.7 | 3.9 | 4.1 |
| -82.5° | 1.7 | 1.9 | 2.0 | 2.2 | 2.3 | 2.5 | 2.7 | 2.9 | 3.1 | 3.2 | 3.4 |
| -83.75° | 1.4 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.2 | 2.3 | 2.4 | 2.6 | 2.7 |
| -85° | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 |
| -86.25° | 0.9 | 0.9 | 1.0 | 1.1 | 1.2 | 1.2 | 1.3 | 1.4 | 1.4 | 1.5 | 1.6 |
| -87.5° | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.9 | 0.9 | 1.0 | 1.0 | 1.1 |
| -88.75° | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 |
| 87.5° | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 |
| 86.25° | 1.7 | 1.7 | 1.8 | 1.9 | 1.9 | 2.0 | 2.1 | 2.1 | 2.2 | 2.3 | 2.3 |
| 85° | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 |
| 83.75° | 2.9 | 3.0 | 3.2 | 3.3 | 3.5 | 3.6 | 3.8 | 3.9 | 4.1 | 4.2 | 4.3 |
| 82.5° | 3.6 | 3.8 | 4.0 | 4.2 | 4.3 | 4.5 | 4.7 | 4.9 | 5.0 | 5.2 | 5.4 |
| 81.25° | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 |
| 80° | 5.1 | 5.3 | 5.6 | 5.8 | 6.0 | 6.3 | 6.5 | 6.7 | 6.9 | 7.1 | 7.3 |
| 78.75° | 5.8 | 6.1 | 6.3 | 6.6 | 6.9 | 7.1 | 7.4 | 7.6 | 7.9 | 8.1 | 8.3 |
| 77.5° | 6.5 | 6.8 | 7.1 | 7.4 | 7.7 | 8.0 | 8.2 | 8.5 | 8.8 | 9.1 | 9.3 |
| 76.25° | 7.2 | 7.5 | 7.9 | 8.2 | 8.5 | 8.8 | 9.1 | 9.4 | 9.7 | 10.1 | 10.3 |
| 75° | 7.9 | 8.3 | 8.6 | 9.0 | 9.3 | 9.7 | 10.0 | 10.4 | 10.7 | 11.0 | 11.4 |
| 73.75° | 8.6 | 9.0 | 9.4 | 9.8 | 10.2 | 10.5 | 10.9 | 11.3 | 11.7 | 12.0 | 12.2 |
| 72.5° | 9.3 | 9.7 | 10.2 | 10.6 | 11.0 | 11.4 | 11.8 | 12.1 | 12.4 | 12.7 | 13.0 |
| 71.25° | 10.0 | 10.5 | 10.9 | 11.4 | 11.8 | 12.2 | 12.5 | 12.8 | 13.1 | 13.4 | 13.7 |
| 70° | 10.7 | 11.2 | 11.7 | 12.1 | 12.5 | 12.8 | 13.2 | 13.5 | 13.8 | 14.2 | 14.4 |
| 68.75° | 11.4 | 11.9 | 12.3 | 12.7 | 13.1 | 13.5 | 13.8 | 14.2 | 14.5 | 14.7 | 14.9 |
| 67.5° | 12.1 | 12.5 | 12.9 | 13.3 | 13.7 | 14.1 | 14.4 | 14.7 | 14.9 | 15.2 | 15.4 |
| 66.25° | 12.6 | 13.0 | 13.5 | 13.9 | 14.3 | 14.6 | 14.8 | 15.1 | 15.4 | 15.6 | 15.9 |
| 65° | 13.1 | 13.6 | 14.0 | 14.4 | 14.7 | 15.0 | 15.3 | 15.6 | 15.8 | 16.3 | 16.8 |
| 63.75° | 13.6 | 14.1 | 14.5 | 14.8 | 15.1 | 15.4 | 15.7 | 16.1 | 16.7 | 17.2 | 17.8 |
| 62.5° | 14.1 | 14.5 | 14.8 | 15.2 | 15.5 | 15.8 | 16.3 | 16.9 | 17.5 | 18.1 | 18.7 |
| 61.25° | 14.5 | 14.9 | 15.2 | 15.5 | 15.9 | 16.5 | 17.2 | 17.8 | 18.4 | 19.0 | 19.8 |
| 60° | 14.8 | 15.2 | 15.6 | 15.9 | 16.6 | 17.3 | 18.0 | 18.6 | 19.4 | 20.2 | 21.0 |
| 58.75° | 15.2 | 15.5 | 15.9 | 16.7 | 17.4 | 18.1 | 18.8 | 19.6 | 20.5 | 21.3 | 22.2 |
| 57.5° | 15.5 | 15.9 | 16.6 | 17.4 | 18.1 | 18.8 | 19.7 | 20.6 | 21.5 | 22.4 | 23.4 |
| 56.25° | 15.8 | 16.5 | 17.3 | 18.1 | 18.8 | 19.8 | 20.7 | 21.7 | 22.6 | 23.7 | 24.8 |
| 55° | 16.3 | 17.2 | 18.0 | 18.8 | 19.7 | 20.7 | 21.7 | 22.7 | 23.8 | 25.0 | 26.1 |
| 53.75° | 16.9 | 17.8 | 18.6 | 19.6 | 20.6 | 21.7 | 22.7 | 23.9 | 25.1 | 26.3 | 27.5 |
| 52.5° | 17.5 | 18.4 | 19.4 | 20.5 | 21.5 | 22.6 | 23.8 | 25.1 | 26.4 | 27.6 | 29.0 |
| 51.25° | 18.1 | 19.0 | 20.2 | 21.3 | 22.4 | 23.7 | 25.0 | 26.3 | 27.6 | 29.0 | 30.5 |
| 50° | 18.7 | 19.8 | 21.0 | 22.2 | 23.4 | 24.8 | 26.1 | 27.5 | 29.0 | 30.5 | 32.0 |
| 48.75° | 19.4 | 20.6 | 21.8 | 23.0 | 24.4 | 25.9 | 27.3 | 28.8 | 30.4 | 31.9 | 33.5 |
| 47.5° | 20.1 | 21.3 | 22.6 | 24.0 | 25.5 | 26.9 | 28.5 | 30.1 | 31.7 | 33.3 | 35.0 |
| 46.25° | 20.8 | 22.1 | 23.4 | 25.0 | 26.5 | 28.0 | 29.7 | 31.4 | 33.1 | 34.8 | 36.4 |
| 45° | 21.5 | 22.8 | 24.4 | 25.9 | 27.5 | 29.2 | 30.9 | 32.7 | 34.4 | 36.1 | 37.9 |
| 43.75° | 22.2 | 23.6 | 25.3 | 26.9 | 28.5 | 30.4 | 32.1 | 33.9 | 35.7 | 37.5 | 39.2 |
| 42.5° | 22.8 | 24.5 | 26.1 | 27.8 | 29.6 | 31.5 | 33.3 | 35.2 | 37.0 | 38.9 | 40.1 |
| 41.25° | 23.6 | 25.3 | 27.0 | 28.8 | 30.7 | 32.6 | 34.5 | 36.4 | 38.3 | 39.8 | 41.1 |
| 40° | 24.4 | 26.1 | 27.8 | 29.8 | 31.8 | 33.7 | 35.7 | 37.6 | 39.4 | 40.7 | 42.0 |
| 38.75° | 25.1 | 26.9 | 28.8 | 30.8 | 32.8 | 34.8 | 36.8 | 38.8 | 40.2 | 41.6 | 42.9 |
| 37.5° | 25.9 | 27.7 | 29.7 | 31.8 | 33.8 | 35.9 | 37.9 | 39.6 | 41.1 | 42.4 | 43.9 |
| 36.25° | 26.6 | 28.5 | 30.6 | 32.7 | 34.8 | 36.9 | 39.0 | 40.4 | 41.9 | 43.3 | 44.8 |
| 35° | 27.3 | 29.3 | 31.5 | 33.6 | 35.8 | 37.9 | 39.7 | 41.2 | 42.7 | 44.2 | 45.6 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 28.0 | 30.2 | 32.3 | 34.5 | 36.7 | 38.9 | 40.4 | 41.9 | 43.5 | 45.0 | 46.5 |
| 32.5° | 28.7 | 31.0 | 33.2 | 35.4 | 37.7 | 39.6 | 41.1 | 42.7 | 44.2 | 45.8 | 47.2 |
| 31.25° | 29.5 | 31.7 | 34.0 | 36.3 | 38.6 | 40.2 | 41.8 | 43.4 | 45.0 | 46.6 | 47.9 |
| 30° | 30.2 | 32.5 | 34.8 | 37.1 | 39.3 | 40.9 | 42.5 | 44.1 | 45.7 | 47.2 | 48.5 |
| 28.75° | 30.8 | 33.2 | 35.5 | 37.9 | 39.8 | 41.5 | 43.1 | 44.8 | 46.4 | 47.8 | 49.1 |
| 27.5° | 31.5 | 33.9 | 36.3 | 38.7 | 40.4 | 42.1 | 43.7 | 45.4 | 47.0 | 48.4 | 49.7 |
| 26.25° | 32.1 | 34.5 | 37.0 | 39.3 | 40.9 | 42.6 | 44.3 | 46.0 | 47.6 | 48.9 | 50.2 |
| 25° | 32.7 | 35.2 | 37.7 | 39.8 | 41.5 | 43.2 | 44.9 | 46.6 | 48.1 | 49.4 | 50.6 |
| 23.75° | 33.3 | 35.8 | 38.3 | 40.2 | 42.0 | 43.7 | 45.5 | 47.1 | 48.5 | 49.9 | 51.0 |
| 22.5° | 33.9 | 36.4 | 38.9 | 40.7 | 42.4 | 44.2 | 46.0 | 47.6 | 49.0 | 50.3 | 51.3 |
| 21.25° | 34.4 | 37.0 | 39.3 | 41.1 | 42.9 | 44.7 | 46.5 | 48.0 | 49.4 | 50.6 | 51.7 |
| 20° | 34.9 | 37.5 | 39.7 | 41.5 | 43.3 | 45.2 | 46.9 | 48.4 | 49.9 | 50.9 | 52.0 |
| 18.75° | 35.4 | 38.0 | 40.1 | 41.9 | 43.7 | 45.6 | 47.3 | 48.8 | 50.2 | 51.2 | 52.3 |
| 17.5° | 35.8 | 38.5 | 40.4 | 42.3 | 44.1 | 46.0 | 47.6 | 49.1 | 50.5 | 51.5 | 52.6 |
| 16.25° | 36.2 | 38.9 | 40.8 | 42.6 | 44.5 | 46.4 | 48.0 | 49.5 | 50.7 | 51.8 | 52.9 |
| 15° | 36.6 | 39.2 | 41.1 | 42.9 | 44.8 | 46.7 | 48.3 | 49.8 | 50.9 | 52.0 | 53.1 |
| 13.75° | 37.0 | 39.5 | 41.3 | 43.2 | 45.1 | 47.0 | 48.5 | 50.1 | 51.2 | 52.2 | 53.4 |
| 12.5° | 37.3 | 39.7 | 41.6 | 43.5 | 45.4 | 47.2 | 48.8 | 50.2 | 51.3 | 52.5 | 53.6 |
| 11.25° | 37.6 | 39.9 | 41.8 | 43.7 | 45.7 | 47.5 | 49.0 | 50.4 | 51.5 | 52.7 | 53.8 |
| 10° | 37.9 | 40.1 | 42.0 | 44.0 | 45.9 | 47.7 | 49.2 | 50.6 | 51.7 | 52.8 | 54.0 |
| 8.75° | 38.1 | 40.3 | 42.2 | 44.2 | 46.1 | 47.8 | 49.4 | 50.7 | 51.8 | 53.0 | 54.2 |
| 7.5° | 38.3 | 40.4 | 42.4 | 44.3 | 46.3 | 48.0 | 49.6 | 50.8 | 52.0 | 53.1 | 54.3 |
| 6.25° | 38.5 | 40.6 | 42.5 | 44.5 | 46.5 | 48.1 | 49.7 | 50.9 | 52.1 | 53.2 | 54.4 |
| 5° | 38.6 | 40.7 | 42.6 | 44.6 | 46.6 | 48.2 | 49.8 | 51.0 | 52.1 | 53.3 | 54.5 |
| 3.75° | 38.8 | 40.7 | 42.7 | 44.7 | 46.7 | 48.3 | 49.9 | 51.1 | 52.2 | 53.4 | 54.6 |
| 2.5° | 38.8 | 40.8 | 42.8 | 44.7 | 46.7 | 48.4 | 50.0 | 51.1 | 52.3 | 53.5 | 54.7 |
| 1.25° | 38.9 | 40.8 | 42.8 | 44.8 | 46.8 | 48.4 | 50.0 | 51.1 | 52.3 | 53.5 | 54.7 |
| 0° | 38.9 | 40.9 | 42.8 | 44.8 | 46.8 | 48.4 | 50.0 | 51.2 | 52.3 | 53.5 | 54.7 |
| -1.25° | 38.9 | 40.8 | 42.8 | 44.8 | 46.8 | 48.4 | 50.0 | 51.1 | 52.3 | 53.5 | 54.7 |
| -2.5° | 38.8 | 40.8 | 42.8 | 44.7 | 46.7 | 48.4 | 50.0 | 51.1 | 52.3 | 53.5 | 54.7 |
| -3.75° | 38.8 | 40.7 | 42.7 | 44.7 | 46.7 | 48.3 | 49.9 | 51.1 | 52.2 | 53.4 | 54.6 |
| -5° | 38.6 | 40.7 | 42.6 | 44.6 | 46.6 | 48.2 | 49.8 | 51.0 | 52.1 | 53.3 | 54.5 |
| -6.25° | 38.5 | 40.6 | 42.5 | 44.5 | 46.5 | 48.1 | 49.7 | 50.9 | 52.1 | 53.2 | 54.4 |
| -7.5° | 38.3 | 40.4 | 42.4 | 44.3 | 46.3 | 48.0 | 49.6 | 50.8 | 52.0 | 53.1 | 54.3 |
| -8.75° | 38.1 | 40.3 | 42.2 | 44.2 | 46.1 | 47.8 | 49.4 | 50.7 | 51.8 | 53.0 | 54.2 |
| -10° | 37.9 | 40.1 | 42.0 | 44.0 | 45.9 | 47.7 | 49.2 | 50.6 | 51.7 | 52.8 | 54.0 |
| -11.25° | 37.6 | 39.9 | 41.8 | 43.7 | 45.7 | 47.5 | 49.0 | 50.4 | 51.5 | 52.7 | 53.8 |
| -12.5° | 37.3 | 39.7 | 41.6 | 43.5 | 45.4 | 47.2 | 48.8 | 50.2 | 51.3 | 52.5 | 53.6 |
| -13.75° | 37.0 | 39.5 | 41.3 | 43.2 | 45.1 | 47.0 | 48.5 | 50.1 | 51.2 | 52.2 | 53.4 |
| -15° | 36.6 | 39.2 | 41.1 | 42.9 | 44.8 | 46.7 | 48.3 | 49.8 | 50.9 | 52.0 | 53.1 |
| -16.25° | 36.2 | 38.9 | 40.8 | 42.6 | 44.5 | 46.4 | 48.0 | 49.5 | 50.7 | 51.8 | 52.9 |
| -17.5° | 35.8 | 38.5 | 40.4 | 42.3 | 44.1 | 46.0 | 47.6 | 49.1 | 50.5 | 51.5 | 52.6 |
| -18.75° | 35.4 | 38.0 | 40.1 | 41.9 | 43.7 | 45.6 | 47.3 | 48.8 | 50.2 | 51.2 | 52.3 |
| -20° | 34.9 | 37.5 | 39.7 | 41.5 | 43.3 | 45.2 | 46.9 | 48.4 | 49.9 | 50.9 | 52.0 |
| -21.25° | 34.4 | 37.0 | 39.3 | 41.1 | 42.9 | 44.7 | 46.5 | 48.0 | 49.4 | 50.6 | 51.7 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 33.9 | 36.4 | 38.9 | 40.7 | 42.4 | 44.2 | 46.0 | 47.6 | 49.0 | 50.3 | 51.3 |
| -23.75° | 33.3 | 35.8 | 38.3 | 40.2 | 42.0 | 43.7 | 45.5 | 47.1 | 48.5 | 49.9 | 51.0 |
| -25° | 32.7 | 35.2 | 37.7 | 39.8 | 41.5 | 43.2 | 44.9 | 46.6 | 48.1 | 49.4 | 50.6 |
| -26.25° | 32.1 | 34.5 | 37.0 | 39.3 | 40.9 | 42.6 | 44.3 | 46.0 | 47.6 | 48.9 | 50.2 |
| -27.5° | 31.5 | 33.9 | 36.3 | 38.7 | 40.4 | 42.1 | 43.7 | 45.4 | 47.0 | 48.4 | 49.7 |
| -28.75° | 30.8 | 33.2 | 35.5 | 37.9 | 39.8 | 41.5 | 43.1 | 44.8 | 46.4 | 47.8 | 49.1 |
| -30° | 30.2 | 32.5 | 34.8 | 37.1 | 39.3 | 40.9 | 42.5 | 44.1 | 45.7 | 47.2 | 48.5 |
| -31.25° | 29.5 | 31.7 | 34.0 | 36.3 | 38.6 | 40.2 | 41.8 | 43.4 | 45.0 | 46.6 | 47.9 |
| -32.5° | 28.7 | 31.0 | 33.2 | 35.4 | 37.7 | 39.6 | 41.1 | 42.7 | 44.2 | 45.8 | 47.2 |
| -33.75° | 28.0 | 30.2 | 32.3 | 34.5 | 36.7 | 38.9 | 40.4 | 41.9 | 43.5 | 45.0 | 46.5 |
| -35° | 27.3 | 29.3 | 31.5 | 33.6 | 35.8 | 37.9 | 39.7 | 41.2 | 42.7 | 44.2 | 45.6 |
| -36.25° | 26.6 | 28.5 | 30.6 | 32.7 | 34.8 | 36.9 | 39.0 | 40.4 | 41.9 | 43.3 | 44.8 |
| -37.5° | 25.9 | 27.7 | 29.7 | 31.8 | 33.8 | 35.9 | 37.9 | 39.6 | 41.1 | 42.4 | 43.9 |
| -38.75° | 25.1 | 26.9 | 28.8 | 30.8 | 32.8 | 34.8 | 36.8 | 38.8 | 40.2 | 41.6 | 42.9 |
| -40° | 24.4 | 26.1 | 27.8 | 29.8 | 31.8 | 33.7 | 35.7 | 37.6 | 39.4 | 40.7 | 42.0 |
| -41.25° | 23.6 | 25.3 | 27.0 | 28.8 | 30.7 | 32.6 | 34.5 | 36.4 | 38.3 | 39.8 | 41.1 |
| -42.5° | 22.8 | 24.5 | 26.1 | 27.8 | 29.6 | 31.5 | 33.3 | 35.2 | 37.0 | 38.9 | 40.1 |
| -43.75° | 22.2 | 23.6 | 25.3 | 26.9 | 28.5 | 30.4 | 32.1 | 33.9 | 35.7 | 37.5 | 39.2 |
| -45° | 21.5 | 22.8 | 24.4 | 25.9 | 27.5 | 29.2 | 30.9 | 32.7 | 34.4 | 36.1 | 37.9 |
| -46.25° | 20.8 | 22.1 | 23.4 | 25.0 | 26.5 | 28.0 | 29.7 | 31.4 | 33.1 | 34.8 | 36.4 |
| -47.5° | 20.1 | 21.3 | 22.6 | 24.0 | 25.5 | 26.9 | 28.5 | 30.1 | 31.7 | 33.3 | 35.0 |
| -48.75° | 19.4 | 20.6 | 21.8 | 23.0 | 24.4 | 25.9 | 27.3 | 28.8 | 30.4 | 31.9 | 33.5 |
| -50° | 18.7 | 19.8 | 21.0 | 22.2 | 23.4 | 24.8 | 26.1 | 27.5 | 29.0 | 30.5 | 32.0 |
| -51.25° | 18.1 | 19.0 | 20.2 | 21.3 | 22.4 | 23.7 | 25.0 | 26.3 | 27.6 | 29.0 | 30.5 |
| -52.5° | 17.5 | 18.4 | 19.4 | 20.5 | 21.5 | 22.6 | 23.8 | 25.1 | 26.4 | 27.6 | 29.0 |
| -53.75° | 16.9 | 17.8 | 18.6 | 19.6 | 20.6 | 21.7 | 22.7 | 23.9 | 25.1 | 26.3 | 27.5 |
| -55° | 16.3 | 17.2 | 18.0 | 18.8 | 19.7 | 20.7 | 21.7 | 22.7 | 23.8 | 25.0 | 26.1 |
| -56.25° | 15.8 | 16.5 | 17.3 | 18.1 | 18.8 | 19.8 | 20.7 | 21.7 | 22.6 | 23.7 | 24.8 |
| -57.5° | 15.5 | 15.9 | 16.6 | 17.4 | 18.1 | 18.8 | 19.7 | 20.6 | 21.5 | 22.4 | 23.4 |
| -58.75° | 15.2 | 15.5 | 15.9 | 16.7 | 17.4 | 18.1 | 18.8 | 19.6 | 20.5 | 21.3 | 22.2 |
| -60° | 14.8 | 15.2 | 15.6 | 15.9 | 16.6 | 17.3 | 18.0 | 18.6 | 19.4 | 20.2 | 21.0 |
| -61.25° | 14.5 | 14.9 | 15.2 | 15.5 | 15.9 | 16.5 | 17.2 | 17.8 | 18.4 | 19.0 | 19.8 |
| -62.5° | 14.1 | 14.5 | 14.8 | 15.2 | 15.5 | 15.8 | 16.3 | 16.9 | 17.5 | 18.1 | 18.7 |
| -63.75° | 13.6 | 14.1 | 14.5 | 14.8 | 15.1 | 15.4 | 15.7 | 16.1 | 16.7 | 17.2 | 17.8 |
| -65° | 13.1 | 13.6 | 14.0 | 14.4 | 14.7 | 15.0 | 15.3 | 15.6 | 15.8 | 16.3 | 16.8 |
| -66.25° | 12.6 | 13.0 | 13.5 | 13.9 | 14.3 | 14.6 | 14.8 | 15.1 | 15.4 | 15.6 | 15.9 |
| -67.5° | 12.1 | 12.5 | 12.9 | 13.3 | 13.7 | 14.1 | 14.4 | 14.7 | 14.9 | 15.2 | 15.4 |
| -68.75° | 11.4 | 11.9 | 12.3 | 12.7 | 13.1 | 13.5 | 13.8 | 14.2 | 14.5 | 14.7 | 14.9 |
| -70° | 10.7 | 11.2 | 11.7 | 12.1 | 12.5 | 12.8 | 13.2 | 13.5 | 13.8 | 14.2 | 14.4 |
| -71.25° | 10.0 | 10.5 | 10.9 | 11.4 | 11.8 | 12.2 | 12.5 | 12.8 | 13.1 | 13.4 | 13.7 |
| -72.5° | 9.3 | 9.7 | 10.2 | 10.6 | 11.0 | 11.4 | 11.8 | 12.1 | 12.4 | 12.7 | 13.0 |
| -73.75° | 8.6 | 9.0 | 9.4 | 9.8 | 10.2 | 10.5 | 10.9 | 11.3 | 11.7 | 12.0 | 12.2 |
| -75° | 7.9 | 8.3 | 8.6 | 9.0 | 9.3 | 9.7 | 10.0 | 10.4 | 10.7 | 11.0 | 11.4 |
| -76.25° | 7.2 | 7.5 | 7.9 | 8.2 | 8.5 | 8.8 | 9.1 | 9.4 | 9.7 | 10.1 | 10.3 |
| -77.5° | 6.5 | 6.8 | 7.1 | 7.4 | 7.7 | 8.0 | 8.2 | 8.5 | 8.8 | 9.1 | 9.3 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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 | 6.1 | 6.3 | 6.6 | 6.9 | 7.1 | 7.4 | 7.6 | 7.9 | 8.1 | 8.3 |
| -80° | 5.1 | 5.3 | 5.6 | 5.8 | 6.0 | 6.3 | 6.5 | 6.7 | 6.9 | 7.1 | 7.3 |
| -81.25° | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 |
| -82.5° | 3.6 | 3.8 | 4.0 | 4.2 | 4.3 | 4.5 | 4.7 | 4.9 | 5.0 | 5.2 | 5.4 |
| -83.75° | 2.9 | 3.0 | 3.2 | 3.3 | 3.5 | 3.6 | 3.8 | 3.9 | 4.1 | 4.2 | 4.3 |
| -85° | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 |
| -86.25° | 1.7 | 1.7 | 1.8 | 1.9 | 1.9 | 2.0 | 2.1 | 2.1 | 2.2 | 2.3 | 2.3 |
| -87.5° | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 |
| -88.75° | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 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 |



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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° | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 |
| 87.5° | 1.6 | 1.6 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 |
| 86.25° | 2.4 | 2.4 | 2.5 | 2.6 | 2.7 | 2.7 | 2.8 | 2.9 | 2.9 | 3.0 | 3.1 |
| 85° | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 |
| 83.75° | 4.5 | 4.6 | 4.7 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 |
| 82.5° | 5.5 | 5.7 | 5.8 | 6.0 | 6.1 | 6.2 | 6.4 | 6.5 | 6.6 | 6.8 | 6.9 |
| 81.25° | 6.5 | 6.7 | 6.9 | 7.1 | 7.2 | 7.4 | 7.5 | 7.7 | 7.8 | 8.0 | 8.1 |
| 80° | 7.6 | 7.8 | 8.0 | 8.1 | 8.3 | 8.5 | 8.7 | 8.9 | 9.1 | 9.2 | 9.4 |
| 78.75° | 8.6 | 8.8 | 9.0 | 9.2 | 9.5 | 9.7 | 9.9 | 10.1 | 10.3 | 10.5 | 10.7 |
| 77.5° | 9.6 | 9.9 | 10.1 | 10.4 | 10.6 | 10.9 | 11.1 | 11.3 | 11.5 | 11.8 | 12.0 |
| 76.25° | 10.6 | 10.9 | 11.2 | 11.5 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.7 | 12.9 |
| 75° | 11.7 | 12.0 | 12.2 | 12.4 | 12.6 | 12.9 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 |
| 73.75° | 12.5 | 12.8 | 13.0 | 13.3 | 13.5 | 13.7 | 14.0 | 14.2 | 14.4 | 14.5 | 14.6 |
| 72.5° | 13.3 | 13.6 | 13.8 | 14.1 | 14.3 | 14.5 | 14.7 | 14.8 | 15.0 | 15.1 | 15.3 |
| 71.25° | 14.0 | 14.3 | 14.5 | 14.7 | 14.9 | 15.1 | 15.3 | 15.4 | 15.6 | 15.8 | 15.9 |
| 70° | 14.6 | 14.9 | 15.1 | 15.3 | 15.5 | 15.6 | 15.8 | 16.1 | 16.5 | 16.8 | 17.2 |
| 68.75° | 15.1 | 15.4 | 15.6 | 15.8 | 16.1 | 16.5 | 16.9 | 17.3 | 17.7 | 18.0 | 18.4 |
| 67.5° | 15.7 | 15.9 | 16.3 | 16.8 | 17.2 | 17.6 | 18.0 | 18.4 | 18.8 | 19.3 | 19.8 |
| 66.25° | 16.4 | 16.9 | 17.4 | 17.8 | 18.3 | 18.7 | 19.2 | 19.8 | 20.3 | 20.8 | 21.3 |
| 65° | 17.4 | 17.9 | 18.4 | 18.9 | 19.4 | 20.0 | 20.6 | 21.2 | 21.8 | 22.3 | 22.9 |
| 63.75° | 18.3 | 18.9 | 19.5 | 20.2 | 20.8 | 21.5 | 22.1 | 22.7 | 23.3 | 24.0 | 24.7 |
| 62.5° | 19.4 | 20.1 | 20.8 | 21.5 | 22.2 | 22.8 | 23.6 | 24.4 | 25.1 | 25.9 | 26.6 |
| 61.25° | 20.6 | 21.3 | 22.1 | 22.8 | 23.6 | 24.5 | 25.3 | 26.1 | 26.9 | 27.7 | 28.5 |
| 60° | 21.8 | 22.6 | 23.4 | 24.4 | 25.3 | 26.1 | 27.0 | 27.8 | 28.8 | 29.7 | 30.6 |
| 58.75° | 23.0 | 24.0 | 25.0 | 25.9 | 26.9 | 27.8 | 28.8 | 29.8 | 30.8 | 31.8 | 32.7 |
| 57.5° | 24.4 | 25.5 | 26.5 | 27.5 | 28.5 | 29.6 | 30.7 | 31.8 | 32.8 | 33.8 | 34.8 |
| 56.25° | 25.9 | 26.9 | 28.0 | 29.2 | 30.4 | 31.5 | 32.6 | 33.7 | 34.8 | 35.9 | 36.9 |
| 55° | 27.3 | 28.5 | 29.7 | 30.9 | 32.1 | 33.3 | 34.5 | 35.7 | 36.8 | 37.9 | 39.0 |
| 53.75° | 28.8 | 30.1 | 31.4 | 32.7 | 33.9 | 35.2 | 36.4 | 37.6 | 38.8 | 39.6 | 40.4 |
| 52.5° | 30.4 | 31.7 | 33.1 | 34.4 | 35.7 | 37.0 | 38.3 | 39.4 | 40.2 | 41.1 | 41.9 |
| 51.25° | 31.9 | 33.3 | 34.8 | 36.1 | 37.5 | 38.9 | 39.8 | 40.7 | 41.6 | 42.4 | 43.3 |
| 50° | 33.5 | 35.0 | 36.4 | 37.9 | 39.2 | 40.1 | 41.1 | 42.0 | 42.9 | 43.9 | 44.8 |
| 48.75° | 35.0 | 36.6 | 38.1 | 39.4 | 40.4 | 41.4 | 42.4 | 43.3 | 44.3 | 45.3 | 46.2 |
| 47.5° | 36.6 | 38.1 | 39.4 | 40.5 | 41.6 | 42.6 | 43.6 | 44.7 | 45.7 | 46.7 | 47.5 |
| 46.25° | 38.1 | 39.4 | 40.6 | 41.7 | 42.8 | 43.8 | 44.9 | 46.0 | 47.0 | 47.8 | 48.6 |
| 45° | 39.4 | 40.5 | 41.7 | 42.8 | 43.9 | 45.1 | 46.2 | 47.2 | 48.0 | 48.9 | 49.7 |
| 43.75° | 40.4 | 41.6 | 42.8 | 43.9 | 45.1 | 46.3 | 47.3 | 48.2 | 49.1 | 50.0 | 50.6 |
| 42.5° | 41.4 | 42.6 | 43.8 | 45.1 | 46.3 | 47.3 | 48.3 | 49.2 | 50.1 | 50.7 | 51.4 |
| 41.25° | 42.4 | 43.6 | 44.9 | 46.2 | 47.3 | 48.3 | 49.3 | 50.2 | 50.8 | 51.5 | 52.1 |
| 40° | 43.3 | 44.7 | 46.0 | 47.2 | 48.2 | 49.2 | 50.2 | 50.9 | 51.6 | 52.2 | 52.9 |
| 38.75° | 44.3 | 45.7 | 47.0 | 48.0 | 49.1 | 50.1 | 50.8 | 51.6 | 52.3 | 53.0 | 53.7 |
| 37.5° | 45.3 | 46.7 | 47.8 | 48.9 | 50.0 | 50.7 | 51.5 | 52.2 | 53.0 | 53.7 | 54.5 |
| 36.25° | 46.2 | 47.5 | 48.6 | 49.7 | 50.6 | 51.4 | 52.1 | 52.9 | 53.7 | 54.5 | 55.1 |
| 35° | 47.0 | 48.2 | 49.4 | 50.4 | 51.2 | 52.0 | 52.8 | 53.6 | 54.4 | 55.0 | 55.6 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 33.75° | 47.8 | 48.9 | 50.1 | 50.9 | 51.8 | 52.6 | 53.4 | 54.3 | 55.0 | 55.5 | 56.0 |
| 32.5° | 48.4 | 49.7 | 50.6 | 51.5 | 52.3 | 53.2 | 54.1 | 54.9 | 55.4 | 56.0 | 56.4 |
| 31.25° | 49.1 | 50.3 | 51.1 | 52.0 | 52.9 | 53.8 | 54.7 | 55.3 | 55.9 | 56.4 | 56.6 |
| 30° | 49.8 | 50.7 | 51.6 | 52.6 | 53.5 | 54.4 | 55.1 | 55.7 | 56.3 | 56.6 | 56.9 |
| 28.75° | 50.3 | 51.2 | 52.1 | 53.1 | 54.0 | 54.9 | 55.5 | 56.1 | 56.5 | 56.8 | 57.1 |
| 27.5° | 50.7 | 51.7 | 52.6 | 53.6 | 54.6 | 55.2 | 55.9 | 56.4 | 56.7 | 57.0 | 57.5 |
| 26.25° | 51.2 | 52.1 | 53.1 | 54.1 | 54.9 | 55.6 | 56.2 | 56.6 | 56.9 | 57.3 | 57.9 |
| 25° | 51.6 | 52.5 | 53.6 | 54.6 | 55.3 | 55.9 | 56.4 | 56.8 | 57.1 | 57.7 | 58.4 |
| 23.75° | 52.0 | 53.0 | 54.0 | 54.9 | 55.6 | 56.3 | 56.6 | 56.9 | 57.5 | 58.1 | 58.8 |
| 22.5° | 52.3 | 53.4 | 54.4 | 55.2 | 55.9 | 56.4 | 56.8 | 57.1 | 57.8 | 58.5 | 59.3 |
| 21.25° | 52.7 | 53.8 | 54.8 | 55.5 | 56.2 | 56.6 | 56.9 | 57.5 | 58.1 | 58.9 | 59.9 |
| 20° | 53.1 | 54.1 | 55.0 | 55.8 | 56.4 | 56.7 | 57.1 | 57.8 | 58.5 | 59.4 | 60.4 |
| 18.75° | 53.4 | 54.5 | 55.3 | 56.0 | 56.5 | 56.9 | 57.4 | 58.1 | 58.8 | 59.9 | 60.9 |
| 17.5° | 53.7 | 54.8 | 55.5 | 56.2 | 56.6 | 57.0 | 57.6 | 58.3 | 59.2 | 60.3 | 61.7 |
| 16.25° | 54.0 | 55.0 | 55.7 | 56.4 | 56.8 | 57.1 | 57.9 | 58.6 | 59.6 | 60.7 | 62.7 |
| 15° | 54.3 | 55.2 | 55.9 | 56.5 | 56.9 | 57.4 | 58.1 | 58.9 | 60.0 | 61.2 | 63.7 |
| 13.75° | 54.5 | 55.3 | 56.1 | 56.6 | 57.0 | 57.6 | 58.3 | 59.3 | 60.4 | 62.0 | 64.5 |
| 12.5° | 54.7 | 55.5 | 56.3 | 56.7 | 57.1 | 57.8 | 58.5 | 59.6 | 60.7 | 62.8 | 65.4 |
| 11.25° | 54.9 | 55.7 | 56.4 | 56.8 | 57.2 | 57.9 | 58.7 | 59.9 | 61.0 | 63.5 | 66.1 |
| 10° | 55.0 | 55.8 | 56.4 | 56.8 | 57.3 | 58.1 | 59.0 | 60.1 | 61.5 | 64.1 | 67.1 |
| 8.75° | 55.1 | 55.9 | 56.5 | 56.9 | 57.5 | 58.2 | 59.2 | 60.3 | 62.0 | 64.7 | 68.7 |
| 7.5° | 55.2 | 56.0 | 56.6 | 56.9 | 57.6 | 58.4 | 59.4 | 60.5 | 62.5 | 65.2 | 70.1 |
| 6.25° | 55.3 | 56.1 | 56.6 | 57.0 | 57.7 | 58.5 | 59.5 | 60.7 | 62.9 | 65.6 | 71.4 |
| 5° | 55.4 | 56.2 | 56.6 | 57.0 | 57.8 | 58.5 | 59.7 | 60.9 | 63.3 | 66.0 | 72.4 |
| 3.75° | 55.4 | 56.2 | 56.7 | 57.1 | 57.8 | 58.6 | 59.8 | 61.0 | 63.5 | 66.2 | 73.1 |
| 2.5° | 55.5 | 56.3 | 56.7 | 57.1 | 57.9 | 58.7 | 59.8 | 61.0 | 63.7 | 66.4 | 73.7 |
| 1.25° | 55.5 | 56.3 | 56.7 | 57.1 | 57.9 | 58.7 | 59.9 | 61.1 | 63.8 | 66.6 | 74.0 |
| 0° | 55.5 | 56.3 | 56.7 | 57.1 | 57.9 | 58.7 | 59.9 | 61.1 | 63.9 | 66.6 | 74.2 |
| -1.25° | 55.5 | 56.3 | 56.7 | 57.1 | 57.9 | 58.7 | 59.9 | 61.1 | 63.8 | 66.6 | 74.0 |
| -2.5° | 55.5 | 56.3 | 56.7 | 57.1 | 57.9 | 58.7 | 59.8 | 61.0 | 63.7 | 66.4 | 73.7 |
| -3.75° | 55.4 | 56.2 | 56.7 | 57.1 | 57.8 | 58.6 | 59.8 | 61.0 | 63.5 | 66.2 | 73.1 |
| -5° | 55.4 | 56.2 | 56.6 | 57.0 | 57.8 | 58.5 | 59.7 | 60.9 | 63.3 | 66.0 | 72.4 |
| -6.25° | 55.3 | 56.1 | 56.6 | 57.0 | 57.7 | 58.5 | 59.5 | 60.7 | 62.9 | 65.6 | 71.4 |
| -7.5° | 55.2 | 56.0 | 56.6 | 56.9 | 57.6 | 58.4 | 59.4 | 60.5 | 62.5 | 65.2 | 70.1 |
| -8.75° | 55.1 | 55.9 | 56.5 | 56.9 | 57.5 | 58.2 | 59.2 | 60.3 | 62.0 | 64.7 | 68.7 |
| -10° | 55.0 | 55.8 | 56.4 | 56.8 | 57.3 | 58.1 | 59.0 | 60.1 | 61.5 | 64.1 | 67.1 |
| -11.25° | 54.9 | 55.7 | 56.4 | 56.8 | 57.2 | 57.9 | 58.7 | 59.9 | 61.0 | 63.5 | 66.1 |
| -12.5° | 54.7 | 55.5 | 56.3 | 56.7 | 57.1 | 57.8 | 58.5 | 59.6 | 60.7 | 62.8 | 65.4 |
| -13.75° | 54.5 | 55.3 | 56.1 | 56.6 | 57.0 | 57.6 | 58.3 | 59.3 | 60.4 | 62.0 | 64.5 |
| -15° | 54.3 | 55.2 | 55.9 | 56.5 | 56.9 | 57.4 | 58.1 | 58.9 | 60.0 | 61.2 | 63.7 |
| -16.25° | 54.0 | 55.0 | 55.7 | 56.4 | 56.8 | 57.1 | 57.9 | 58.6 | 59.6 | 60.7 | 62.7 |
| -17.5° | 53.7 | 54.8 | 55.5 | 56.2 | 56.6 | 57.0 | 57.6 | 58.3 | 59.2 | 60.3 | 61.7 |
| -18.75° | 53.4 | 54.5 | 55.3 | 56.0 | 56.5 | 56.9 | 57.4 | 58.1 | 58.8 | 59.9 | 60.9 |
| -20° | 53.1 | 54.1 | 55.0 | 55.8 | 56.4 | 56.7 | 57.1 | 57.8 | 58.5 | 59.4 | 60.4 |
| -21.25° | 52.7 | 53.8 | 54.8 | 55.5 | 56.2 | 56.6 | 56.9 | 57.5 | 58.1 | 58.9 | 59.9 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 52.3 | 53.4 | 54.4 | 55.2 | 55.9 | 56.4 | 56.8 | 57.1 | 57.8 | 58.5 | 59.3 |
| -23.75° | 52.0 | 53.0 | 54.0 | 54.9 | 55.6 | 56.3 | 56.6 | 56.9 | 57.5 | 58.1 | 58.8 |
| -25° | 51.6 | 52.5 | 53.6 | 54.6 | 55.3 | 55.9 | 56.4 | 56.8 | 57.1 | 57.7 | 58.4 |
| -26.25° | 51.2 | 52.1 | 53.1 | 54.1 | 54.9 | 55.6 | 56.2 | 56.6 | 56.9 | 57.3 | 57.9 |
| -27.5° | 50.7 | 51.7 | 52.6 | 53.6 | 54.6 | 55.2 | 55.9 | 56.4 | 56.7 | 57.0 | 57.5 |
| -28.75° | 50.3 | 51.2 | 52.1 | 53.1 | 54.0 | 54.9 | 55.5 | 56.1 | 56.5 | 56.8 | 57.1 |
| -30° | 49.8 | 50.7 | 51.6 | 52.6 | 53.5 | 54.4 | 55.1 | 55.7 | 56.3 | 56.6 | 56.9 |
| -31.25° | 49.1 | 50.3 | 51.1 | 52.0 | 52.9 | 53.8 | 54.7 | 55.3 | 55.9 | 56.4 | 56.6 |
| -32.5° | 48.4 | 49.7 | 50.6 | 51.5 | 52.3 | 53.2 | 54.1 | 54.9 | 55.4 | 56.0 | 56.4 |
| -33.75° | 47.8 | 48.9 | 50.1 | 50.9 | 51.8 | 52.6 | 53.4 | 54.3 | 55.0 | 55.5 | 56.0 |
| -35° | 47.0 | 48.2 | 49.4 | 50.4 | 51.2 | 52.0 | 52.8 | 53.6 | 54.4 | 55.0 | 55.6 |
| -36.25° | 46.2 | 47.5 | 48.6 | 49.7 | 50.6 | 51.4 | 52.1 | 52.9 | 53.7 | 54.5 | 55.1 |
| -37.5° | 45.3 | 46.7 | 47.8 | 48.9 | 50.0 | 50.7 | 51.5 | 52.2 | 53.0 | 53.7 | 54.5 |
| -38.75° | 44.3 | 45.7 | 47.0 | 48.0 | 49.1 | 50.1 | 50.8 | 51.6 | 52.3 | 53.0 | 53.7 |
| -40° | 43.3 | 44.7 | 46.0 | 47.2 | 48.2 | 49.2 | 50.2 | 50.9 | 51.6 | 52.2 | 52.9 |
| -41.25° | 42.4 | 43.6 | 44.9 | 46.2 | 47.3 | 48.3 | 49.3 | 50.2 | 50.8 | 51.5 | 52.1 |
| -42.5° | 41.4 | 42.6 | 43.8 | 45.1 | 46.3 | 47.3 | 48.3 | 49.2 | 50.1 | 50.7 | 51.4 |
| -43.75° | 40.4 | 41.6 | 42.8 | 43.9 | 45.1 | 46.3 | 47.3 | 48.2 | 49.1 | 50.0 | 50.6 |
| -45° | 39.4 | 40.5 | 41.7 | 42.8 | 43.9 | 45.1 | 46.2 | 47.2 | 48.0 | 48.9 | 49.7 |
| -46.25° | 38.1 | 39.4 | 40.6 | 41.7 | 42.8 | 43.8 | 44.9 | 46.0 | 47.0 | 47.8 | 48.6 |
| -47.5° | 36.6 | 38.1 | 39.4 | 40.5 | 41.6 | 42.6 | 43.6 | 44.7 | 45.7 | 46.7 | 47.5 |
| -48.75° | 35.0 | 36.6 | 38.1 | 39.4 | 40.4 | 41.4 | 42.4 | 43.3 | 44.3 | 45.3 | 46.2 |
| -50° | 33.5 | 35.0 | 36.4 | 37.9 | 39.2 | 40.1 | 41.1 | 42.0 | 42.9 | 43.9 | 44.8 |
| -51.25° | 31.9 | 33.3 | 34.8 | 36.1 | 37.5 | 38.9 | 39.8 | 40.7 | 41.6 | 42.4 | 43.3 |
| -52.5° | 30.4 | 31.7 | 33.1 | 34.4 | 35.7 | 37.0 | 38.3 | 39.4 | 40.2 | 41.1 | 41.9 |
| -53.75° | 28.8 | 30.1 | 31.4 | 32.7 | 33.9 | 35.2 | 36.4 | 37.6 | 38.8 | 39.6 | 40.4 |
| -55° | 27.3 | 28.5 | 29.7 | 30.9 | 32.1 | 33.3 | 34.5 | 35.7 | 36.8 | 37.9 | 39.0 |
| -56.25° | 25.9 | 26.9 | 28.0 | 29.2 | 30.4 | 31.5 | 32.6 | 33.7 | 34.8 | 35.9 | 36.9 |
| -57.5° | 24.4 | 25.5 | 26.5 | 27.5 | 28.5 | 29.6 | 30.7 | 31.8 | 32.8 | 33.8 | 34.8 |
| -58.75° | 23.0 | 24.0 | 25.0 | 25.9 | 26.9 | 27.8 | 28.8 | 29.8 | 30.8 | 31.8 | 32.7 |
| -60° | 21.8 | 22.6 | 23.4 | 24.4 | 25.3 | 26.1 | 27.0 | 27.8 | 28.8 | 29.7 | 30.6 |
| -61.25° | 20.6 | 21.3 | 22.1 | 22.8 | 23.6 | 24.5 | 25.3 | 26.1 | 26.9 | 27.7 | 28.5 |
| -62.5° | 19.4 | 20.1 | 20.8 | 21.5 | 22.2 | 22.8 | 23.6 | 24.4 | 25.1 | 25.9 | 26.6 |
| -63.75° | 18.3 | 18.9 | 19.5 | 20.2 | 20.8 | 21.5 | 22.1 | 22.7 | 23.3 | 24.0 | 24.7 |
| -65° | 17.4 | 17.9 | 18.4 | 18.9 | 19.4 | 20.0 | 20.6 | 21.2 | 21.8 | 22.3 | 22.9 |
| -66.25° | 16.4 | 16.9 | 17.4 | 17.8 | 18.3 | 18.7 | 19.2 | 19.8 | 20.3 | 20.8 | 21.3 |
| -67.5° | 15.7 | 15.9 | 16.3 | 16.8 | 17.2 | 17.6 | 18.0 | 18.4 | 18.8 | 19.3 | 19.8 |
| -68.75° | 15.1 | 15.4 | 15.6 | 15.8 | 16.1 | 16.5 | 16.9 | 17.3 | 17.7 | 18.0 | 18.4 |
| -70° | 14.6 | 14.9 | 15.1 | 15.3 | 15.5 | 15.6 | 15.8 | 16.1 | 16.5 | 16.8 | 17.2 |
| -71.25° | 14.0 | 14.3 | 14.5 | 14.7 | 14.9 | 15.1 | 15.3 | 15.4 | 15.6 | 15.8 | 15.9 |
| -72.5° | 13.3 | 13.6 | 13.8 | 14.1 | 14.3 | 14.5 | 14.7 | 14.8 | 15.0 | 15.1 | 15.3 |
| -73.75° | 12.5 | 12.8 | 13.0 | 13.3 | 13.5 | 13.7 | 14.0 | 14.2 | 14.4 | 14.5 | 14.6 |
| -75° | 11.7 | 12.0 | 12.2 | 12.4 | 12.6 | 12.9 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 |
| -76.25° | 10.6 | 10.9 | 11.2 | 11.5 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.7 | 12.9 |
| -77.5° | 9.6 | 9.9 | 10.1 | 10.4 | 10.6 | 10.9 | 11.1 | 11.3 | 11.5 | 11.8 | 12.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 8.6 | 8.8 | 9.0 | 9.2 | 9.5 | 9.7 | 9.9 | 10.1 | 10.3 | 10.5 | 10.7 |
| -80° | 7.6 | 7.8 | 8.0 | 8.1 | 8.3 | 8.5 | 8.7 | 8.9 | 9.1 | 9.2 | 9.4 |
| -81.25° | 6.5 | 6.7 | 6.9 | 7.1 | 7.2 | 7.4 | 7.5 | 7.7 | 7.8 | 8.0 | 8.1 |
| -82.5° | 5.5 | 5.7 | 5.8 | 6.0 | 6.1 | 6.2 | 6.4 | 6.5 | 6.6 | 6.8 | 6.9 |
| -83.75° | 4.5 | 4.6 | 4.7 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 |
| -85° | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 |
| -86.25° | 2.4 | 2.4 | 2.5 | 2.6 | 2.7 | 2.7 | 2.8 | 2.9 | 2.9 | 3.0 | 3.1 |
| -87.5° | 1.6 | 1.6 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.9 | 1.9 | 1.9 |
| -88.75° | 0.8 | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 |
| 86.25° | 3.1 | 3.2 | 3.2 | 3.3 | 3.4 | 3.4 | 3.5 | 3.5 | 3.5 | 3.6 | 3.6 |
| 85° | 4.4 | 4.5 | 4.6 | 4.7 | 4.7 | 4.8 | 4.9 | 4.9 | 5.0 | 5.1 | 5.1 |
| 83.75° | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.3 | 6.4 | 6.5 | 6.6 |
| 82.5° | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 |
| 81.25° | 8.3 | 8.4 | 8.5 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 |
| 80° | 9.6 | 9.7 | 9.9 | 10.0 | 10.2 | 10.3 | 10.4 | 10.6 | 10.7 | 10.8 | 10.9 |
| 78.75° | 10.9 | 11.0 | 11.2 | 11.4 | 11.6 | 11.7 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 |
| 77.5° | 12.1 | 12.3 | 12.4 | 12.5 | 12.7 | 12.8 | 12.9 | 13.0 | 13.2 | 13.3 | 13.4 |
| 76.25° | 13.1 | 13.2 | 13.4 | 13.6 | 13.7 | 13.8 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 |
| 75° | 14.1 | 14.2 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 |
| 73.75° | 14.8 | 14.9 | 15.0 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 |
| 72.5° | 15.4 | 15.6 | 15.7 | 15.8 | 16.0 | 16.3 | 16.5 | 16.7 | 16.9 | 17.1 | 17.3 |
| 71.25° | 16.2 | 16.5 | 16.8 | 17.1 | 17.3 | 17.6 | 17.8 | 18.1 | 18.3 | 18.5 | 18.7 |
| 70° | 17.5 | 17.8 | 18.1 | 18.4 | 18.7 | 18.9 | 19.3 | 19.6 | 19.9 | 20.2 | 20.5 |
| 68.75° | 18.7 | 19.1 | 19.5 | 19.9 | 20.3 | 20.6 | 21.0 | 21.4 | 21.7 | 22.0 | 22.3 |
| 67.5° | 20.2 | 20.7 | 21.1 | 21.6 | 22.0 | 22.4 | 22.7 | 23.1 | 23.6 | 24.0 | 24.4 |
| 66.25° | 21.8 | 22.3 | 22.8 | 23.3 | 23.8 | 24.3 | 24.8 | 25.3 | 25.7 | 26.1 | 26.5 |
| 65° | 23.5 | 24.1 | 24.7 | 25.3 | 25.8 | 26.4 | 26.9 | 27.4 | 27.8 | 28.4 | 28.9 |
| 63.75° | 25.4 | 26.0 | 26.7 | 27.3 | 27.8 | 28.5 | 29.1 | 29.7 | 30.3 | 30.8 | 31.4 |
| 62.5° | 27.3 | 28.0 | 28.7 | 29.5 | 30.2 | 30.8 | 31.5 | 32.1 | 32.7 | 33.3 | 33.9 |
| 61.25° | 29.3 | 30.2 | 31.0 | 31.7 | 32.5 | 33.2 | 33.9 | 34.5 | 35.2 | 35.8 | 36.4 |
| 60° | 31.5 | 32.3 | 33.2 | 34.0 | 34.8 | 35.5 | 36.3 | 37.0 | 37.7 | 38.3 | 38.9 |
| 58.75° | 33.6 | 34.5 | 35.4 | 36.3 | 37.1 | 37.9 | 38.7 | 39.3 | 39.8 | 40.2 | 40.7 |
| 57.5° | 35.8 | 36.7 | 37.7 | 38.6 | 39.3 | 39.8 | 40.4 | 40.9 | 41.5 | 42.0 | 42.4 |
| 56.25° | 37.9 | 38.9 | 39.6 | 40.2 | 40.9 | 41.5 | 42.1 | 42.6 | 43.2 | 43.7 | 44.2 |
| 55° | 39.7 | 40.4 | 41.1 | 41.8 | 42.5 | 43.1 | 43.7 | 44.3 | 44.9 | 45.5 | 46.0 |
| 53.75° | 41.2 | 41.9 | 42.7 | 43.4 | 44.1 | 44.8 | 45.4 | 46.0 | 46.6 | 47.1 | 47.6 |
| 52.5° | 42.7 | 43.5 | 44.2 | 45.0 | 45.7 | 46.4 | 47.0 | 47.6 | 48.1 | 48.5 | 49.0 |
| 51.25° | 44.2 | 45.0 | 45.8 | 46.6 | 47.2 | 47.8 | 48.4 | 48.9 | 49.4 | 49.9 | 50.3 |
| 50° | 45.6 | 46.5 | 47.2 | 47.9 | 48.5 | 49.1 | 49.7 | 50.2 | 50.6 | 51.0 | 51.3 |
| 48.75° | 47.0 | 47.8 | 48.4 | 49.1 | 49.8 | 50.3 | 50.7 | 51.2 | 51.6 | 52.0 | 52.3 |
| 47.5° | 48.2 | 48.9 | 49.7 | 50.3 | 50.7 | 51.2 | 51.7 | 52.1 | 52.5 | 53.0 | 53.4 |
| 46.25° | 49.4 | 50.1 | 50.6 | 51.1 | 51.6 | 52.1 | 52.6 | 53.1 | 53.6 | 54.0 | 54.4 |
| 45° | 50.4 | 50.9 | 51.5 | 52.0 | 52.6 | 53.1 | 53.6 | 54.1 | 54.6 | 54.9 | 55.2 |
| 43.75° | 51.2 | 51.8 | 52.3 | 52.9 | 53.5 | 54.0 | 54.6 | 54.9 | 55.3 | 55.6 | 55.9 |
| 42.5° | 52.0 | 52.6 | 53.2 | 53.8 | 54.4 | 54.9 | 55.2 | 55.6 | 55.9 | 56.3 | 56.4 |
| 41.25° | 52.8 | 53.4 | 54.1 | 54.7 | 55.1 | 55.5 | 55.9 | 56.2 | 56.4 | 56.6 | 56.8 |
| 40° | 53.6 | 54.3 | 54.9 | 55.3 | 55.7 | 56.1 | 56.4 | 56.6 | 56.8 | 56.9 | 57.1 |
| 38.75° | 54.4 | 55.0 | 55.4 | 55.9 | 56.3 | 56.5 | 56.7 | 56.9 | 57.1 | 57.5 | 57.8 |
| 37.5° | 55.0 | 55.5 | 56.0 | 56.4 | 56.6 | 56.8 | 57.0 | 57.3 | 57.7 | 58.1 | 58.5 |
| 36.25° | 55.6 | 56.0 | 56.4 | 56.6 | 56.9 | 57.1 | 57.5 | 57.9 | 58.4 | 58.8 | 59.3 |
| 35° | 56.1 | 56.4 | 56.7 | 56.9 | 57.2 | 57.7 | 58.1 | 58.6 | 59.1 | 59.7 | 60.3 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 56.4 | 56.7 | 56.9 | 57.3 | 57.8 | 58.3 | 58.7 | 59.4 | 60.0 | 60.7 | 61.5 |
| 32.5° | 56.7 | 56.9 | 57.3 | 57.8 | 58.3 | 58.9 | 59.6 | 60.3 | 61.0 | 62.3 | 63.7 |
| 31.25° | 56.9 | 57.3 | 57.8 | 58.4 | 59.0 | 59.7 | 60.4 | 61.2 | 62.8 | 64.4 | 65.9 |
| 30° | 57.2 | 57.8 | 58.3 | 59.0 | 59.7 | 60.5 | 61.5 | 63.2 | 64.9 | 66.5 | 70.5 |
| 28.75° | 57.7 | 58.3 | 58.9 | 59.7 | 60.5 | 61.6 | 63.4 | 65.2 | 67.3 | 71.8 | 76.2 |
| 27.5° | 58.1 | 58.7 | 59.6 | 60.4 | 61.5 | 63.4 | 65.3 | 67.8 | 72.7 | 77.4 | 82.1 |
| 26.25° | 58.6 | 59.4 | 60.3 | 61.2 | 63.2 | 65.2 | 67.8 | 72.9 | 77.9 | 83.8 | 93.2 |
| 25° | 59.1 | 60.0 | 61.0 | 62.8 | 64.9 | 67.3 | 72.7 | 77.9 | 84.4 | 94.4 | 104.1 |
| 23.75° | 59.7 | 60.7 | 62.3 | 64.4 | 66.5 | 71.8 | 77.4 | 83.8 | 94.4 | 104.7 | 115.2 |
| 22.5° | 60.3 | 61.5 | 63.7 | 65.9 | 70.5 | 76.2 | 82.1 | 93.2 | 104.1 | 115.2 | 127.5 |
| 21.25° | 60.9 | 62.9 | 65.1 | 68.6 | 74.6 | 80.5 | 90.9 | 102.3 | 113.8 | 126.8 | 139.4 |
| 20° | 61.8 | 64.1 | 66.4 | 72.3 | 78.5 | 87.4 | 99.3 | 111.0 | 124.5 | 137.9 | 152.4 |
| 18.75° | 63.0 | 65.4 | 69.6 | 76.0 | 82.8 | 95.2 | 107.4 | 120.8 | 134.9 | 149.1 | 168.5 |
| 17.5° | 64.1 | 66.5 | 72.9 | 79.4 | 89.9 | 102.6 | 115.7 | 130.4 | 144.8 | 163.4 | 201.2 |
| 16.25° | 65.2 | 69.4 | 76.1 | 83.6 | 96.7 | 109.6 | 124.4 | 139.4 | 156.8 | 188.7 | 252.9 |
| 15° | 66.2 | 72.2 | 79.0 | 89.7 | 103.1 | 117.1 | 132.6 | 148.2 | 171.5 | 223.1 | 317.3 |
| 13.75° | 67.9 | 74.9 | 81.8 | 95.4 | 109.0 | 124.5 | 140.3 | 159.3 | 197.1 | 275.2 | 395.8 |
| 12.5° | 70.3 | 77.3 | 86.8 | 100.7 | 115.0 | 131.3 | 147.4 | 172.4 | 230.4 | 336.2 | 480.1 |
| 11.25° | 72.4 | 79.5 | 91.5 | 105.5 | 121.0 | 137.5 | 156.5 | 193.4 | 273.3 | 400.9 | 562.5 |
| 10° | 74.3 | 81.5 | 95.6 | 109.9 | 126.4 | 143.2 | 164.8 | 214.0 | 319.5 | 468.8 | 648.6 |
| 8.75° | 76.0 | 84.9 | 99.4 | 114.2 | 131.3 | 148.6 | 178.0 | 247.3 | 369.8 | 533.1 | 726.6 |
| 7.5° | 77.5 | 88.0 | 102.6 | 118.2 | 135.5 | 154.8 | 192.3 | 276.5 | 414.1 | 593.3 | 802.2 |
| 6.25° | 78.8 | 90.7 | 105.4 | 121.7 | 139.2 | 160.1 | 204.5 | 304.1 | 459.3 | 649.2 | 868.2 |
| 5° | 79.8 | 92.8 | 107.7 | 124.5 | 142.1 | 164.4 | 218.0 | 333.8 | 497.4 | 695.6 | 923.0 |
| 3.75° | 80.6 | 94.5 | 109.5 | 126.8 | 144.5 | 168.5 | 233.4 | 357.1 | 527.3 | 731.9 | 968.0 |
| 2.5° | 81.2 | 95.8 | 110.8 | 128.4 | 146.2 | 173.9 | 244.5 | 373.9 | 548.8 | 760.6 | 1000.6 |
| 1.25° | 81.6 | 96.5 | 111.5 | 129.3 | 147.2 | 177.1 | 251.1 | 384.0 | 561.8 | 778.3 | 1020.2 |
| 0° | 81.7 | 96.8 | 111.8 | 129.7 | 147.5 | 178.2 | 253.4 | 387.4 | 566.1 | 784.2 | 1026.8 |
| -1.25° | 81.6 | 96.5 | 111.5 | 129.3 | 147.2 | 177.1 | 251.1 | 384.0 | 561.8 | 778.3 | 1020.2 |
| -2.5° | 81.2 | 95.8 | 110.8 | 128.4 | 146.2 | 173.9 | 244.5 | 373.9 | 548.8 | 760.6 | 1000.6 |
| -3.75° | 80.6 | 94.5 | 109.5 | 126.8 | 144.5 | 168.5 | 233.4 | 357.1 | 527.3 | 731.9 | 968.0 |
| -5° | 79.8 | 92.8 | 107.7 | 124.5 | 142.1 | 164.4 | 218.0 | 333.8 | 497.4 | 695.6 | 923.0 |
| -6.25° | 78.8 | 90.7 | 105.4 | 121.7 | 139.2 | 160.1 | 204.5 | 304.1 | 459.3 | 649.2 | 868.2 |
| -7.5° | 77.5 | 88.0 | 102.6 | 118.2 | 135.5 | 154.8 | 192.3 | 276.5 | 414.1 | 593.3 | 802.2 |
| -8.75° | 76.0 | 84.9 | 99.4 | 114.2 | 131.3 | 148.6 | 178.0 | 247.3 | 369.8 | 533.1 | 726.6 |
| -10° | 74.3 | 81.5 | 95.6 | 109.9 | 126.4 | 143.2 | 164.8 | 214.0 | 319.5 | 468.8 | 648.6 |
| -11.25° | 72.4 | 79.5 | 91.5 | 105.5 | 121.0 | 137.5 | 156.5 | 193.4 | 273.3 | 400.9 | 562.5 |
| -12.5° | 70.3 | 77.3 | 86.8 | 100.7 | 115.0 | 131.3 | 147.4 | 172.4 | 230.4 | 336.2 | 480.1 |
| -13.75° | 67.9 | 74.9 | 81.8 | 95.4 | 109.0 | 124.5 | 140.3 | 159.3 | 197.1 | 275.2 | 395.8 |
| -15° | 66.2 | 72.2 | 79.0 | 89.7 | 103.1 | 117.1 | 132.6 | 148.2 | 171.5 | 223.1 | 317.3 |
| -16.25° | 65.2 | 69.4 | 76.1 | 83.6 | 96.7 | 109.6 | 124.4 | 139.4 | 156.8 | 188.7 | 252.9 |
| -17.5° | 64.1 | 66.5 | 72.9 | 79.4 | 89.9 | 102.6 | 115.7 | 130.4 | 144.8 | 163.4 | 201.2 |
| -18.75° | 63.0 | 65.4 | 69.6 | 76.0 | 82.8 | 95.2 | 107.4 | 120.8 | 134.9 | 149.1 | 168.5 |
| -20° | 61.8 | 64.1 | 66.4 | 72.3 | 78.5 | 87.4 | 99.3 | 111.0 | 124.5 | 137.9 | 152.4 |
| -21.25° | 60.9 | 62.9 | 65.1 | 68.6 | 74.6 | 80.5 | 90.9 | 102.3 | 113.8 | 126.8 | 139.4 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 60.3 | 61.5 | 63.7 | 65.9 | 70.5 | 76.2 | 82.1 | 93.2 | 104.1 | 115.2 | 127.5 |
| -23.75° | 59.7 | 60.7 | 62.3 | 64.4 | 66.5 | 71.8 | 77.4 | 83.8 | 94.4 | 104.7 | 115.2 |
| -25° | 59.1 | 60.0 | 61.0 | 62.8 | 64.9 | 67.3 | 72.7 | 77.9 | 84.4 | 94.4 | 104.1 |
| -26.25° | 58.6 | 59.4 | 60.3 | 61.2 | 63.2 | 65.2 | 67.8 | 72.9 | 77.9 | 83.8 | 93.2 |
| -27.5° | 58.1 | 58.7 | 59.6 | 60.4 | 61.5 | 63.4 | 65.3 | 67.8 | 72.7 | 77.4 | 82.1 |
| -28.75° | 57.7 | 58.3 | 58.9 | 59.7 | 60.5 | 61.6 | 63.4 | 65.2 | 67.3 | 71.8 | 76.2 |
| -30° | 57.2 | 57.8 | 58.3 | 59.0 | 59.7 | 60.5 | 61.5 | 63.2 | 64.9 | 66.5 | 70.5 |
| -31.25° | 56.9 | 57.3 | 57.8 | 58.4 | 59.0 | 59.7 | 60.4 | 61.2 | 62.8 | 64.4 | 65.9 |
| -32.5° | 56.7 | 56.9 | 57.3 | 57.8 | 58.3 | 58.9 | 59.6 | 60.3 | 61.0 | 62.3 | 63.7 |
| -33.75° | 56.4 | 56.7 | 56.9 | 57.3 | 57.8 | 58.3 | 58.7 | 59.4 | 60.0 | 60.7 | 61.5 |
| -35° | 56.1 | 56.4 | 56.7 | 56.9 | 57.2 | 57.7 | 58.1 | 58.6 | 59.1 | 59.7 | 60.3 |
| -36.25° | 55.6 | 56.0 | 56.4 | 56.6 | 56.9 | 57.1 | 57.5 | 57.9 | 58.4 | 58.8 | 59.3 |
| -37.5° | 55.0 | 55.5 | 56.0 | 56.4 | 56.6 | 56.8 | 57.0 | 57.3 | 57.7 | 58.1 | 58.5 |
| -38.75° | 54.4 | 55.0 | 55.4 | 55.9 | 56.3 | 56.5 | 56.7 | 56.9 | 57.1 | 57.5 | 57.8 |
| -40° | 53.6 | 54.3 | 54.9 | 55.3 | 55.7 | 56.1 | 56.4 | 56.6 | 56.8 | 56.9 | 57.1 |
| -41.25° | 52.8 | 53.4 | 54.1 | 54.7 | 55.1 | 55.5 | 55.9 | 56.2 | 56.4 | 56.6 | 56.8 |
| -42.5° | 52.0 | 52.6 | 53.2 | 53.8 | 54.4 | 54.9 | 55.2 | 55.6 | 55.9 | 56.3 | 56.4 |
| -43.75° | 51.2 | 51.8 | 52.3 | 52.9 | 53.5 | 54.0 | 54.6 | 54.9 | 55.3 | 55.6 | 55.9 |
| -45° | 50.4 | 50.9 | 51.5 | 52.0 | 52.6 | 53.1 | 53.6 | 54.1 | 54.6 | 54.9 | 55.2 |
| -46.25° | 49.4 | 50.1 | 50.6 | 51.1 | 51.6 | 52.1 | 52.6 | 53.1 | 53.6 | 54.0 | 54.4 |
| -47.5° | 48.2 | 48.9 | 49.7 | 50.3 | 50.7 | 51.2 | 51.7 | 52.1 | 52.5 | 53.0 | 53.4 |
| -48.75° | 47.0 | 47.8 | 48.4 | 49.1 | 49.8 | 50.3 | 50.7 | 51.2 | 51.6 | 52.0 | 52.3 |
| -50° | 45.6 | 46.5 | 47.2 | 47.9 | 48.5 | 49.1 | 49.7 | 50.2 | 50.6 | 51.0 | 51.3 |
| -51.25° | 44.2 | 45.0 | 45.8 | 46.6 | 47.2 | 47.8 | 48.4 | 48.9 | 49.4 | 49.9 | 50.3 |
| -52.5° | 42.7 | 43.5 | 44.2 | 45.0 | 45.7 | 46.4 | 47.0 | 47.6 | 48.1 | 48.5 | 49.0 |
| -53.75° | 41.2 | 41.9 | 42.7 | 43.4 | 44.1 | 44.8 | 45.4 | 46.0 | 46.6 | 47.1 | 47.6 |
| -55° | 39.7 | 40.4 | 41.1 | 41.8 | 42.5 | 43.1 | 43.7 | 44.3 | 44.9 | 45.5 | 46.0 |
| -56.25° | 37.9 | 38.9 | 39.6 | 40.2 | 40.9 | 41.5 | 42.1 | 42.6 | 43.2 | 43.7 | 44.2 |
| -57.5° | 35.8 | 36.7 | 37.7 | 38.6 | 39.3 | 39.8 | 40.4 | 40.9 | 41.5 | 42.0 | 42.4 |
| -58.75° | 33.6 | 34.5 | 35.4 | 36.3 | 37.1 | 37.9 | 38.7 | 39.3 | 39.8 | 40.2 | 40.7 |
| -60° | 31.5 | 32.3 | 33.2 | 34.0 | 34.8 | 35.5 | 36.3 | 37.0 | 37.7 | 38.3 | 38.9 |
| -61.25° | 29.3 | 30.2 | 31.0 | 31.7 | 32.5 | 33.2 | 33.9 | 34.5 | 35.2 | 35.8 | 36.4 |
| -62.5° | 27.3 | 28.0 | 28.7 | 29.5 | 30.2 | 30.8 | 31.5 | 32.1 | 32.7 | 33.3 | 33.9 |
| -63.75° | 25.4 | 26.0 | 26.7 | 27.3 | 27.8 | 28.5 | 29.1 | 29.7 | 30.3 | 30.8 | 31.4 |
| -65° | 23.5 | 24.1 | 24.7 | 25.3 | 25.8 | 26.4 | 26.9 | 27.4 | 27.8 | 28.4 | 28.9 |
| -66.25° | 21.8 | 22.3 | 22.8 | 23.3 | 23.8 | 24.3 | 24.8 | 25.3 | 25.7 | 26.1 | 26.5 |
| -67.5° | 20.2 | 20.7 | 21.1 | 21.6 | 22.0 | 22.4 | 22.7 | 23.1 | 23.6 | 24.0 | 24.4 |
| -68.75° | 18.7 | 19.1 | 19.5 | 19.9 | 20.3 | 20.6 | 21.0 | 21.4 | 21.7 | 22.0 | 22.3 |
| -70° | 17.5 | 17.8 | 18.1 | 18.4 | 18.7 | 18.9 | 19.3 | 19.6 | 19.9 | 20.2 | 20.5 |
| -71.25° | 16.2 | 16.5 | 16.8 | 17.1 | 17.3 | 17.6 | 17.8 | 18.1 | 18.3 | 18.5 | 18.7 |
| -72.5° | 15.4 | 15.6 | 15.7 | 15.8 | 16.0 | 16.3 | 16.5 | 16.7 | 16.9 | 17.1 | 17.3 |
| -73.75° | 14.8 | 14.9 | 15.0 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 |
| -75° | 14.1 | 14.2 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 | 15.0 | 15.1 | 15.2 |
| -76.25° | 13.1 | 13.2 | 13.4 | 13.6 | 13.7 | 13.8 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 |
| -77.5° | 12.1 | 12.3 | 12.4 | 12.5 | 12.7 | 12.8 | 12.9 | 13.0 | 13.2 | 13.3 | 13.4 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 10.9 | 11.0 | 11.2 | 11.4 | 11.6 | 11.7 | 11.9 | 12.0 | 12.1 | 12.2 | 12.3 |
| -80° | 9.6 | 9.7 | 9.9 | 10.0 | 10.2 | 10.3 | 10.4 | 10.6 | 10.7 | 10.8 | 10.9 |
| -81.25° | 8.3 | 8.4 | 8.5 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 |
| -82.5° | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 |
| -83.75° | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.3 | 6.4 | 6.5 | 6.6 |
| -85° | 4.4 | 4.5 | 4.6 | 4.7 | 4.7 | 4.8 | 4.9 | 4.9 | 5.0 | 5.1 | 5.1 |
| -86.25° | 3.1 | 3.2 | 3.2 | 3.3 | 3.4 | 3.4 | 3.5 | 3.5 | 3.5 | 3.6 | 3.6 |
| -87.5° | 2.0 | 2.0 | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.2 | 2.2 | 2.2 | 2.2 |
| -88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 87.5° | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 2.4 | 2.4 |
| 86.25° | 3.7 | 3.7 | 3.7 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| 85° | 5.2 | 5.2 | 5.3 | 5.3 | 5.3 | 5.4 | 5.4 | 5.4 | 5.5 | 5.5 | 5.5 |
| 83.75° | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.9 | 6.9 | 7.0 | 7.0 | 7.0 | 7.1 |
| 82.5° | 8.1 | 8.1 | 8.2 | 8.3 | 8.3 | 8.4 | 8.4 | 8.5 | 8.5 | 8.6 | 8.6 |
| 81.25° | 9.5 | 9.6 | 9.7 | 9.8 | 9.8 | 9.9 | 10.0 | 10.0 | 10.1 | 10.1 | 10.2 |
| 80° | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.5 | 11.6 | 11.7 | 11.7 | 11.7 |
| 78.75° | 12.4 | 12.4 | 12.5 | 12.6 | 12.7 | 12.7 | 12.8 | 12.8 | 12.9 | 12.9 | 13.0 |
| 77.5° | 13.5 | 13.6 | 13.7 | 13.7 | 13.8 | 13.9 | 14.0 | 14.0 | 14.1 | 14.1 | 14.2 |
| 76.25° | 14.5 | 14.6 | 14.6 | 14.7 | 14.7 | 14.8 | 14.8 | 14.9 | 14.9 | 15.0 | 15.0 |
| 75° | 15.2 | 15.3 | 15.4 | 15.4 | 15.5 | 15.6 | 15.6 | 15.7 | 15.7 | 15.8 | 15.8 |
| 73.75° | 16.0 | 16.2 | 16.4 | 16.5 | 16.6 | 16.7 | 16.9 | 17.0 | 17.1 | 17.1 | 17.2 |
| 72.5° | 17.5 | 17.7 | 17.8 | 18.0 | 18.1 | 18.2 | 18.4 | 18.5 | 18.6 | 18.7 | 18.7 |
| 71.25° | 18.9 | 19.1 | 19.4 | 19.6 | 19.8 | 19.9 | 20.1 | 20.3 | 20.4 | 20.5 | 20.6 |
| 70° | 20.7 | 21.0 | 21.2 | 21.5 | 21.7 | 21.9 | 22.0 | 22.2 | 22.4 | 22.5 | 22.6 |
| 68.75° | 22.6 | 22.9 | 23.1 | 23.4 | 23.7 | 23.9 | 24.2 | 24.4 | 24.6 | 24.8 | 24.9 |
| 67.5° | 24.7 | 25.1 | 25.4 | 25.7 | 26.0 | 26.3 | 26.5 | 26.7 | 26.9 | 27.1 | 27.3 |
| 66.25° | 26.9 | 27.3 | 27.6 | 28.0 | 28.3 | 28.7 | 29.0 | 29.2 | 29.5 | 29.7 | 29.9 |
| 65° | 29.3 | 29.8 | 30.2 | 30.6 | 31.0 | 31.3 | 31.6 | 31.9 | 32.2 | 32.4 | 32.6 |
| 63.75° | 31.9 | 32.3 | 32.8 | 33.2 | 33.6 | 34.0 | 34.3 | 34.6 | 34.9 | 35.1 | 35.4 |
| 62.5° | 34.4 | 34.9 | 35.4 | 35.8 | 36.2 | 36.6 | 37.0 | 37.3 | 37.6 | 37.9 | 38.1 |
| 61.25° | 37.0 | 37.5 | 38.0 | 38.5 | 38.9 | 39.2 | 39.5 | 39.7 | 39.9 | 40.1 | 40.3 |
| 60° | 39.3 | 39.7 | 40.1 | 40.4 | 40.8 | 41.1 | 41.3 | 41.6 | 41.8 | 42.0 | 42.2 |
| 58.75° | 41.1 | 41.5 | 41.9 | 42.3 | 42.6 | 42.9 | 43.2 | 43.5 | 43.7 | 44.0 | 44.2 |
| 57.5° | 42.9 | 43.3 | 43.7 | 44.1 | 44.5 | 44.8 | 45.1 | 45.4 | 45.7 | 45.9 | 46.1 |
| 56.25° | 44.7 | 45.2 | 45.6 | 46.0 | 46.4 | 46.7 | 47.0 | 47.2 | 47.5 | 47.7 | 47.8 |
| 55° | 46.5 | 46.9 | 47.3 | 47.6 | 48.0 | 48.3 | 48.5 | 48.8 | 49.0 | 49.2 | 49.4 |
| 53.75° | 48.0 | 48.4 | 48.8 | 49.1 | 49.5 | 49.8 | 50.1 | 50.2 | 50.4 | 50.6 | 50.7 |
| 52.5° | 49.4 | 49.9 | 50.2 | 50.5 | 50.7 | 50.9 | 51.2 | 51.3 | 51.5 | 51.7 | 51.8 |
| 51.25° | 50.6 | 50.9 | 51.2 | 51.5 | 51.8 | 52.0 | 52.2 | 52.5 | 52.7 | 52.8 | 53.0 |
| 50° | 51.7 | 52.0 | 52.3 | 52.6 | 52.9 | 53.1 | 53.4 | 53.6 | 53.8 | 54.0 | 54.2 |
| 48.75° | 52.7 | 53.1 | 53.4 | 53.7 | 54.0 | 54.3 | 54.5 | 54.7 | 54.9 | 55.0 | 55.1 |
| 47.5° | 53.8 | 54.1 | 54.5 | 54.8 | 55.0 | 55.2 | 55.3 | 55.5 | 55.7 | 55.8 | 55.9 |
| 46.25° | 54.8 | 55.0 | 55.3 | 55.5 | 55.7 | 55.9 | 56.1 | 56.3 | 56.4 | 56.4 | 56.5 |
| 45° | 55.5 | 55.8 | 56.0 | 56.2 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.8 | 56.9 |
| 43.75° | 56.2 | 56.4 | 56.5 | 56.6 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.5 |
| 42.5° | 56.6 | 56.7 | 56.9 | 57.0 | 57.1 | 57.4 | 57.6 | 57.8 | 57.9 | 58.1 | 58.2 |
| 41.25° | 56.9 | 57.1 | 57.4 | 57.6 | 57.9 | 58.1 | 58.3 | 58.5 | 58.7 | 59.0 | 59.2 |
| 40° | 57.5 | 57.8 | 58.1 | 58.3 | 58.6 | 58.9 | 59.3 | 59.6 | 59.9 | 60.1 | 60.3 |
| 38.75° | 58.1 | 58.5 | 58.8 | 59.2 | 59.6 | 60.0 | 60.4 | 60.7 | 61.0 | 61.5 | 62.0 |
| 37.5° | 58.9 | 59.4 | 59.9 | 60.3 | 60.7 | 61.2 | 62.0 | 62.8 | 63.5 | 64.1 | 64.7 |
| 36.25° | 59.9 | 60.4 | 60.9 | 61.7 | 62.7 | 63.7 | 64.5 | 65.4 | 66.1 | 67.1 | 68.7 |
| 35° | 60.9 | 61.8 | 63.0 | 64.1 | 65.2 | 66.2 | 67.9 | 70.3 | 72.4 | 74.3 | 76.0 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 62.9 | 64.1 | 65.4 | 66.5 | 69.4 | 72.2 | 74.9 | 77.3 | 79.5 | 81.5 | 84.9 |
| 32.5° | 65.1 | 66.4 | 69.6 | 72.9 | 76.1 | 79.0 | 81.8 | 86.8 | 91.5 | 95.6 | 99.4 |
| 31.25° | 68.6 | 72.3 | 76.0 | 79.4 | 83.6 | 89.7 | 95.4 | 100.7 | 105.5 | 109.9 | 114.2 |
| 30° | 74.6 | 78.5 | 82.8 | 89.9 | 96.7 | 103.1 | 109.0 | 115.0 | 121.0 | 126.4 | 131.3 |
| 28.75° | 80.5 | 87.4 | 95.2 | 102.6 | 109.6 | 117.1 | 124.5 | 131.3 | 137.5 | 143.2 | 148.6 |
| 27.5° | 90.9 | 99.3 | 107.4 | 115.7 | 124.4 | 132.6 | 140.3 | 147.4 | 156.5 | 164.8 | 178.0 |
| 26.25° | 102.3 | 111.0 | 120.8 | 130.4 | 139.4 | 148.2 | 159.3 | 172.4 | 193.4 | 214.0 | 247.3 |
| 25° | 113.8 | 124.5 | 134.9 | 144.8 | 156.8 | 171.5 | 197.1 | 230.4 | 273.3 | 319.5 | 369.8 |
| 23.75° | 126.8 | 137.9 | 149.1 | 163.4 | 188.7 | 223.1 | 275.2 | 336.2 | 400.9 | 468.8 | 533.1 |
| 22.5° | 139.4 | 152.4 | 168.5 | 201.2 | 252.9 | 317.3 | 395.8 | 480.1 | 562.5 | 648.6 | 726.6 |
| 21.25° | 153.5 | 173.4 | 208.8 | 273.0 | 354.3 | 446.2 | 545.9 | 650.3 | 751.5 | 853.4 | 946.2 |
| 20° | 173.4 | 211.7 | 283.2 | 376.8 | 483.5 | 597.8 | 717.8 | 841.6 | 960.2 | 1073.0 | 1173.9 |
| 18.75° | 208.8 | 283.2 | 384.3 | 502.2 | 631.1 | 766.7 | 907.1 | 1044.9 | 1173.2 | 1289.6 | 1390.0 |
| 17.5° | 273.0 | 376.8 | 502.2 | 642.3 | 792.4 | 947.9 | 1102.4 | 1245.4 | 1374.7 | 1489.2 | 1598.1 |
| 16.25° | 354.3 | 483.5 | 631.1 | 792.4 | 961.9 | 1131.3 | 1289.4 | 1431.0 | 1564.9 | 1692.6 | 1812.9 |
| 15° | 446.2 | 597.8 | 766.7 | 947.9 | 1131.3 | 1304.1 | 1459.5 | 1611.6 | 1759.1 | 1899.2 | 2029.9 |
| 13.75° | 545.9 | 717.8 | 907.1 | 1102.4 | 1289.4 | 1459.5 | 1627.3 | 1792.9 | 1952.9 | 2104.0 | 2239.0 |
| 12.5° | 650.3 | 841.6 | 1044.9 | 1245.4 | 1431.0 | 1611.6 | 1792.9 | 1971.1 | 2140.7 | 2296.1 | 2433.4 |
| 11.25° | 751.5 | 960.2 | 1173.2 | 1374.7 | 1564.9 | 1759.1 | 1952.9 | 2140.7 | 2314.6 | 2472.2 | 2609.7 |
| 10° | 853.4 | 1073.0 | 1289.6 | 1489.2 | 1692.6 | 1899.2 | 2104.0 | 2296.1 | 2472.2 | 2629.1 | 2767.5 |
| 8.75° | 946.2 | 1173.9 | 1390.0 | 1598.1 | 1812.9 | 2029.9 | 2239.0 | 2433.4 | 2609.7 | 2767.5 | 2909.2 |
| 7.5° | 1031.4 | 1262.1 | 1477.1 | 1695.8 | 1921.1 | 2145.6 | 2357.4 | 2552.6 | 2729.4 | 2889.7 | 3033.3 |
| 6.25° | 1104.9 | 1337.1 | 1555.2 | 1783.3 | 2016.7 | 2244.9 | 2459.3 | 2655.1 | 2832.4 | 2994.9 | 3140.6 |
| 5° | 1165.0 | 1396.1 | 1621.4 | 1856.6 | 2096.8 | 2326.7 | 2540.8 | 2736.8 | 2917.3 | 3081.0 | 3232.1 |
| 3.75° | 1211.9 | 1442.6 | 1673.7 | 1915.1 | 2158.5 | 2390.2 | 2605.4 | 2802.5 | 2984.3 | 3149.6 | 3303.4 |
| 2.5° | 1245.8 | 1476.2 | 1712.2 | 1957.9 | 2203.3 | 2436.4 | 2652.2 | 2848.7 | 3031.1 | 3199.8 | 3356.6 |
| 1.25° | 1266.2 | 1496.5 | 1735.9 | 1983.9 | 2230.4 | 2464.5 | 2679.0 | 2876.8 | 3059.8 | 3230.9 | 3387.1 |
| 0° | 1273.0 | 1503.3 | 1743.8 | 1992.6 | 2239.6 | 2473.9 | 2688.0 | 2886.2 | 3069.5 | 3241.4 | 3397.0 |
| -1.25° | 1266.2 | 1496.5 | 1735.9 | 1983.9 | 2230.4 | 2464.5 | 2679.0 | 2876.8 | 3059.8 | 3230.9 | 3387.1 |
| -2.5° | 1245.8 | 1476.2 | 1712.2 | 1957.9 | 2203.3 | 2436.4 | 2652.2 | 2848.7 | 3031.1 | 3199.8 | 3356.6 |
| -3.75° | 1211.9 | 1442.6 | 1673.7 | 1915.1 | 2158.5 | 2390.2 | 2605.4 | 2802.5 | 2984.3 | 3149.6 | 3303.4 |
| -5° | 1165.0 | 1396.1 | 1621.4 | 1856.6 | 2096.8 | 2326.7 | 2540.8 | 2736.8 | 2917.3 | 3081.0 | 3232.1 |
| -6.25° | 1104.9 | 1337.1 | 1555.2 | 1783.3 | 2016.7 | 2244.9 | 2459.3 | 2655.1 | 2832.4 | 2994.9 | 3140.6 |
| -7.5° | 1031.4 | 1262.1 | 1477.1 | 1695.8 | 1921.1 | 2145.6 | 2357.4 | 2552.6 | 2729.4 | 2889.7 | 3033.3 |
| -8.75° | 946.2 | 1173.9 | 1390.0 | 1598.1 | 1812.9 | 2029.9 | 2239.0 | 2433.4 | 2609.7 | 2767.5 | 2909.2 |
| -10° | 853.4 | 1073.0 | 1289.6 | 1489.2 | 1692.6 | 1899.2 | 2104.0 | 2296.1 | 2472.2 | 2629.1 | 2767.5 |
| -11.25° | 751.5 | 960.2 | 1173.2 | 1374.7 | 1564.9 | 1759.1 | 1952.9 | 2140.7 | 2314.6 | 2472.2 | 2609.7 |
| -12.5° | 650.3 | 841.6 | 1044.9 | 1245.4 | 1431.0 | 1611.6 | 1792.9 | 1971.1 | 2140.7 | 2296.1 | 2433.4 |
| -13.75° | 545.9 | 717.8 | 907.1 | 1102.4 | 1289.4 | 1459.5 | 1627.3 | 1792.9 | 1952.9 | 2104.0 | 2239.0 |
| -15° | 446.2 | 597.8 | 766.7 | 947.9 | 1131.3 | 1304.1 | 1459.5 | 1611.6 | 1759.1 | 1899.2 | 2029.9 |
| -16.25° | 354.3 | 483.5 | 631.1 | 792.4 | 961.9 | 1131.3 | 1289.4 | 1431.0 | 1564.9 | 1692.6 | 1812.9 |
| -17.5° | 273.0 | 376.8 | 502.2 | 642.3 | 792.4 | 947.9 | 1102.4 | 1245.4 | 1374.7 | 1489.2 | 1598.1 |
| -18.75° | 208.8 | 283.2 | 384.3 | 502.2 | 631.1 | 766.7 | 907.1 | 1044.9 | 1173.2 | 1289.6 | 1390.0 |
| -20° | 173.4 | 211.7 | 283.2 | 376.8 | 483.5 | 597.8 | 717.8 | 841.6 | 960.2 | 1073.0 | 1173.9 |
| -21.25° | 153.5 | 173.4 | 208.8 | 273.0 | 354.3 | 446.2 | 545.9 | 650.3 | 751.5 | 853.4 | 946.2 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|-------|---------|--------|---------|-------|---------|--------|---------|-------|--------|
| -22.5° | 139.4 | 152.4 | 168.5 | 201.2 | 252.9 | 317.3 | 395.8 | 480.1 | 562.5 | 648.6 | 726.6 |
| -23.75° | 126.8 | 137.9 | 149.1 | 163.4 | 188.7 | 223.1 | 275.2 | 336.2 | 400.9 | 468.8 | 533.1 |
| -25° | 113.8 | 124.5 | 134.9 | 144.8 | 156.8 | 171.5 | 197.1 | 230.4 | 273.3 | 319.5 | 369.8 |
| -26.25° | 102.3 | 111.0 | 120.8 | 130.4 | 139.4 | 148.2 | 159.3 | 172.4 | 193.4 | 214.0 | 247.3 |
| -27.5° | 90.9 | 99.3 | 107.4 | 115.7 | 124.4 | 132.6 | 140.3 | 147.4 | 156.5 | 164.8 | 178.0 |
| -28.75° | 80.5 | 87.4 | 95.2 | 102.6 | 109.6 | 117.1 | 124.5 | 131.3 | 137.5 | 143.2 | 148.6 |
| -30° | 74.6 | 78.5 | 82.8 | 89.9 | 96.7 | 103.1 | 109.0 | 115.0 | 121.0 | 126.4 | 131.3 |
| -31.25° | 68.6 | 72.3 | 76.0 | 79.4 | 83.6 | 89.7 | 95.4 | 100.7 | 105.5 | 109.9 | 114.2 |
| -32.5° | 65.1 | 66.4 | 69.6 | 72.9 | 76.1 | 79.0 | 81.8 | 86.8 | 91.5 | 95.6 | 99.4 |
| -33.75° | 62.9 | 64.1 | 65.4 | 66.5 | 69.4 | 72.2 | 74.9 | 77.3 | 79.5 | 81.5 | 84.9 |
| -35° | 60.9 | 61.8 | 63.0 | 64.1 | 65.2 | 66.2 | 67.9 | 70.3 | 72.4 | 74.3 | 76.0 |
| -36.25° | 59.9 | 60.4 | 60.9 | 61.7 | 62.7 | 63.7 | 64.5 | 65.4 | 66.1 | 67.1 | 68.7 |
| -37.5° | 58.9 | 59.4 | 59.9 | 60.3 | 60.7 | 61.2 | 62.0 | 62.8 | 63.5 | 64.1 | 64.7 |
| -38.75° | 58.1 | 58.5 | 58.8 | 59.2 | 59.6 | 60.0 | 60.4 | 60.7 | 61.0 | 61.5 | 62.0 |
| -40° | 57.5 | 57.8 | 58.1 | 58.3 | 58.6 | 58.9 | 59.3 | 59.6 | 59.9 | 60.1 | 60.3 |
| -41.25° | 56.9 | 57.1 | 57.4 | 57.6 | 57.9 | 58.1 | 58.3 | 58.5 | 58.7 | 59.0 | 59.2 |
| -42.5° | 56.6 | 56.7 | 56.9 | 57.0 | 57.1 | 57.4 | 57.6 | 57.8 | 57.9 | 58.1 | 58.2 |
| -43.75° | 56.2 | 56.4 | 56.5 | 56.6 | 56.8 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.5 |
| -45° | 55.5 | 55.8 | 56.0 | 56.2 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.8 | 56.9 |
| -46.25° | 54.8 | 55.0 | 55.3 | 55.5 | 55.7 | 55.9 | 56.1 | 56.3 | 56.4 | 56.4 | 56.5 |
| -47.5° | 53.8 | 54.1 | 54.5 | 54.8 | 55.0 | 55.2 | 55.3 | 55.5 | 55.7 | 55.8 | 55.9 |
| -48.75° | 52.7 | 53.1 | 53.4 | 53.7 | 54.0 | 54.3 | 54.5 | 54.7 | 54.9 | 55.0 | 55.1 |
| -50° | 51.7 | 52.0 | 52.3 | 52.6 | 52.9 | 53.1 | 53.4 | 53.6 | 53.8 | 54.0 | 54.2 |
| -51.25° | 50.6 | 50.9 | 51.2 | 51.5 | 51.8 | 52.0 | 52.2 | 52.5 | 52.7 | 52.8 | 53.0 |
| -52.5° | 49.4 | 49.9 | 50.2 | 50.5 | 50.7 | 50.9 | 51.2 | 51.3 | 51.5 | 51.7 | 51.8 |
| -53.75° | 48.0 | 48.4 | 48.8 | 49.1 | 49.5 | 49.8 | 50.1 | 50.2 | 50.4 | 50.6 | 50.7 |
| -55° | 46.5 | 46.9 | 47.3 | 47.6 | 48.0 | 48.3 | 48.5 | 48.8 | 49.0 | 49.2 | 49.4 |
| -56.25° | 44.7 | 45.2 | 45.6 | 46.0 | 46.4 | 46.7 | 47.0 | 47.2 | 47.5 | 47.7 | 47.8 |
| -57.5° | 42.9 | 43.3 | 43.7 | 44.1 | 44.5 | 44.8 | 45.1 | 45.4 | 45.7 | 45.9 | 46.1 |
| -58.75° | 41.1 | 41.5 | 41.9 | 42.3 | 42.6 | 42.9 | 43.2 | 43.5 | 43.7 | 44.0 | 44.2 |
| -60° | 39.3 | 39.7 | 40.1 | 40.4 | 40.8 | 41.1 | 41.3 | 41.6 | 41.8 | 42.0 | 42.2 |
| -61.25° | 37.0 | 37.5 | 38.0 | 38.5 | 38.9 | 39.2 | 39.5 | 39.7 | 39.9 | 40.1 | 40.3 |
| -62.5° | 34.4 | 34.9 | 35.4 | 35.8 | 36.2 | 36.6 | 37.0 | 37.3 | 37.6 | 37.9 | 38.1 |
| -63.75° | 31.9 | 32.3 | 32.8 | 33.2 | 33.6 | 34.0 | 34.3 | 34.6 | 34.9 | 35.1 | 35.4 |
| -65° | 29.3 | 29.8 | 30.2 | 30.6 | 31.0 | 31.3 | 31.6 | 31.9 | 32.2 | 32.4 | 32.6 |
| -66.25° | 26.9 | 27.3 | 27.6 | 28.0 | 28.3 | 28.7 | 29.0 | 29.2 | 29.5 | 29.7 | 29.9 |
| -67.5° | 24.7 | 25.1 | 25.4 | 25.7 | 26.0 | 26.3 | 26.5 | 26.7 | 26.9 | 27.1 | 27.3 |
| -68.75° | 22.6 | 22.9 | 23.1 | 23.4 | 23.7 | 23.9 | 24.2 | 24.4 | 24.6 | 24.8 | 24.9 |
| -70° | 20.7 | 21.0 | 21.2 | 21.5 | 21.7 | 21.9 | 22.0 | 22.2 | 22.4 | 22.5 | 22.6 |
| -71.25° | 18.9 | 19.1 | 19.4 | 19.6 | 19.8 | 19.9 | 20.1 | 20.3 | 20.4 | 20.5 | 20.6 |
| -72.5° | 17.5 | 17.7 | 17.8 | 18.0 | 18.1 | 18.2 | 18.4 | 18.5 | 18.6 | 18.7 | 18.7 |
| -73.75° | 16.0 | 16.2 | 16.4 | 16.5 | 16.6 | 16.7 | 16.9 | 17.0 | 17.1 | 17.1 | 17.2 |
| -75° | 15.2 | 15.3 | 15.4 | 15.4 | 15.5 | 15.6 | 15.6 | 15.7 | 15.7 | 15.8 | 15.8 |
| -76.25° | 14.5 | 14.6 | 14.6 | 14.7 | 14.7 | 14.8 | 14.8 | 14.9 | 14.9 | 15.0 | 15.0 |
| -77.5° | 13.5 | 13.6 | 13.7 | 13.7 | 13.8 | 13.9 | 14.0 | 14.0 | 14.1 | 14.1 | 14.2 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -78.75° | 12.4 | 12.4 | 12.5 | 12.6 | 12.7 | 12.7 | 12.8 | 12.8 | 12.9 | 12.9 | 13.0 |
| -80° | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.5 | 11.6 | 11.7 | 11.7 | 11.7 |
| -81.25° | 9.5 | 9.6 | 9.7 | 9.8 | 9.8 | 9.9 | 10.0 | 10.0 | 10.1 | 10.1 | 10.2 |
| -82.5° | 8.1 | 8.1 | 8.2 | 8.3 | 8.3 | 8.4 | 8.4 | 8.5 | 8.5 | 8.6 | 8.6 |
| -83.75° | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.9 | 6.9 | 7.0 | 7.0 | 7.0 | 7.1 |
| -85° | 5.2 | 5.2 | 5.3 | 5.3 | 5.3 | 5.4 | 5.4 | 5.4 | 5.5 | 5.5 | 5.5 |
| -86.25° | 3.7 | 3.7 | 3.7 | 3.8 | 3.8 | 3.8 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 |
| -87.5° | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 | 2.4 | 2.4 |
| -88.75° | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|--------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| 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° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| 87.5° | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| 86.25° | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| 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° | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.2 | 7.1 | 7.1 | 7.1 | 7.1 |
| 82.5° | 8.6 | 8.6 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 |
| 81.25° | 10.2 | 10.2 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 |
| 80° | 11.8 | 11.8 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 |
| 78.75° | 13.0 | 13.0 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 |
| 77.5° | 14.2 | 14.2 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 |
| 76.25° | 15.0 | 15.0 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 |
| 75° | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 |
| 73.75° | 17.3 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.5 | 17.4 | 17.4 | 17.4 | 17.4 |
| 72.5° | 18.8 | 18.9 | 18.9 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 18.9 |
| 71.25° | 20.7 | 20.8 | 20.9 | 20.9 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 20.9 | 20.9 |
| 70° | 22.7 | 22.8 | 22.9 | 22.9 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 22.9 | 22.9 |
| 68.75° | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.3 | 25.2 |
| 67.5° | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.7 | 27.6 |
| 66.25° | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.5 | 30.6 | 30.5 | 30.5 | 30.4 | 30.3 |
| 65° | 32.8 | 33.0 | 33.1 | 33.2 | 33.2 | 33.3 | 33.3 | 33.3 | 33.2 | 33.2 | 33.1 |
| 63.75° | 35.6 | 35.7 | 35.9 | 36.0 | 36.0 | 36.1 | 36.1 | 36.1 | 36.0 | 36.0 | 35.9 |
| 62.5° | 38.3 | 38.5 | 38.6 | 38.8 | 38.8 | 38.9 | 38.9 | 38.9 | 38.8 | 38.8 | 38.6 |
| 61.25° | 40.4 | 40.6 | 40.7 | 40.7 | 40.8 | 40.8 | 40.9 | 40.8 | 40.8 | 40.7 | 40.7 |
| 60° | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.7 | 42.6 |
| 58.75° | 44.3 | 44.5 | 44.6 | 44.7 | 44.7 | 44.8 | 44.8 | 44.8 | 44.7 | 44.7 | 44.6 |
| 57.5° | 46.3 | 46.5 | 46.6 | 46.7 | 46.7 | 46.8 | 46.8 | 46.8 | 46.7 | 46.7 | 46.6 |
| 56.25° | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.3 | 48.2 |
| 55° | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 49.9 | 49.8 |
| 53.75° | 50.8 | 50.9 | 51.0 | 51.1 | 51.1 | 51.1 | 51.2 | 51.1 | 51.1 | 51.1 | 51.0 |
| 52.5° | 52.0 | 52.1 | 52.1 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.2 | 52.1 |
| 51.25° | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.4 | 53.3 |
| 50° | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.6 | 54.5 |
| 48.75° | 55.2 | 55.3 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.4 | 55.4 |
| 47.5° | 56.0 | 56.1 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.2 | 56.2 |
| 46.25° | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.6 |
| 45° | 56.9 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.0 |
| 43.75° | 57.6 | 57.7 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.8 | 57.8 |
| 42.5° | 58.4 | 58.5 | 58.5 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.6 | 58.5 |
| 41.25° | 59.4 | 59.5 | 59.7 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.8 | 59.8 | 59.7 |
| 40° | 60.5 | 60.7 | 60.9 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.0 | 61.0 | 60.9 |
| 38.75° | 62.5 | 62.9 | 63.3 | 63.5 | 63.7 | 63.8 | 63.9 | 63.8 | 63.7 | 63.5 | 63.3 |
| 37.5° | 65.2 | 65.6 | 66.0 | 66.2 | 66.4 | 66.6 | 66.6 | 66.6 | 66.4 | 66.2 | 66.0 |
| 36.25° | 70.1 | 71.4 | 72.4 | 73.1 | 73.7 | 74.0 | 74.2 | 74.0 | 73.7 | 73.1 | 72.4 |
| 35° | 77.5 | 78.8 | 79.8 | 80.6 | 81.2 | 81.6 | 81.7 | 81.6 | 81.2 | 80.6 | 79.8 |



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CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 33.75° | 88.0 | 90.7 | 92.8 | 94.5 | 95.8 | 96.5 | 96.8 | 96.5 | 95.8 | 94.5 | 92.8 |
| 32.5° | 102.6 | 105.4 | 107.7 | 109.5 | 110.8 | 111.5 | 111.8 | 111.5 | 110.8 | 109.5 | 107.7 |
| 31.25° | 118.2 | 121.7 | 124.5 | 126.8 | 128.4 | 129.3 | 129.7 | 129.3 | 128.4 | 126.8 | 124.5 |
| 30° | 135.5 | 139.2 | 142.1 | 144.5 | 146.2 | 147.2 | 147.5 | 147.2 | 146.2 | 144.5 | 142.1 |
| 28.75° | 154.8 | 160.1 | 164.4 | 168.5 | 173.9 | 177.1 | 178.2 | 177.1 | 173.9 | 168.5 | 164.4 |
| 27.5° | 192.3 | 204.5 | 218.0 | 233.4 | 244.5 | 251.1 | 253.4 | 251.1 | 244.5 | 233.4 | 218.0 |
| 26.25° | 276.5 | 304.1 | 333.8 | 357.1 | 373.9 | 384.0 | 387.4 | 384.0 | 373.9 | 357.1 | 333.8 |
| 25° | 414.1 | 459.3 | 497.4 | 527.3 | 548.8 | 561.8 | 566.1 | 561.8 | 548.8 | 527.3 | 497.4 |
| 23.75° | 593.3 | 649.2 | 695.6 | 731.9 | 760.6 | 778.3 | 784.2 | 778.3 | 760.6 | 731.9 | 695.6 |
| 22.5° | 802.2 | 868.2 | 923.0 | 968.0 | 1000.6 | 1020.2 | 1026.8 | 1020.2 | 1000.6 | 968.0 | 923.0 |
| 21.25° | 1031.4 | 1104.9 | 1165.0 | 1211.9 | 1245.8 | 1266.2 | 1273.0 | 1266.2 | 1245.8 | 1211.9 | 1165.0 |
| 20° | 1262.1 | 1337.1 | 1396.1 | 1442.6 | 1476.2 | 1496.5 | 1503.3 | 1496.5 | 1476.2 | 1442.6 | 1396.1 |
| 18.75° | 1477.1 | 1555.2 | 1621.4 | 1673.7 | 1712.2 | 1735.9 | 1743.8 | 1735.9 | 1712.2 | 1673.7 | 1621.4 |
| 17.5° | 1695.8 | 1783.3 | 1856.6 | 1915.1 | 1957.9 | 1983.9 | 1992.6 | 1983.9 | 1957.9 | 1915.1 | 1856.6 |
| 16.25° | 1921.1 | 2016.7 | 2096.8 | 2158.5 | 2203.3 | 2230.4 | 2239.6 | 2230.4 | 2203.3 | 2158.5 | 2096.8 |
| 15° | 2145.6 | 2244.9 | 2326.7 | 2390.2 | 2436.4 | 2464.5 | 2473.9 | 2464.5 | 2436.4 | 2390.2 | 2326.7 |
| 13.75° | 2357.4 | 2459.3 | 2540.8 | 2605.4 | 2652.2 | 2679.0 | 2688.0 | 2679.0 | 2652.2 | 2605.4 | 2540.8 |
| 12.5° | 2552.6 | 2655.1 | 2736.8 | 2802.5 | 2848.7 | 2876.8 | 2886.2 | 2876.8 | 2848.7 | 2802.5 | 2736.8 |
| 11.25° | 2729.4 | 2832.4 | 2917.3 | 2984.3 | 3031.1 | 3059.8 | 3069.5 | 3059.8 | 3031.1 | 2984.3 | 2917.3 |
| 10° | 2889.7 | 2994.9 | 3081.0 | 3149.6 | 3199.8 | 3230.9 | 3241.4 | 3230.9 | 3199.8 | 3149.6 | 3081.0 |
| 8.75° | 3033.3 | 3140.6 | 3232.1 | 3303.4 | 3356.6 | 3387.1 | 3397.0 | 3387.1 | 3356.6 | 3303.4 | 3232.1 |
| 7.5° | 3160.7 | 3273.1 | 3368.2 | 3438.3 | 3490.4 | 3520.2 | 3530.4 | 3520.2 | 3490.4 | 3438.3 | 3368.2 |
| 6.25° | 3273.1 | 3388.0 | 3481.0 | 3551.7 | 3601.0 | 3628.7 | 3638.3 | 3628.7 | 3601.0 | 3551.7 | 3481.0 |
| 5° | 3368.2 | 3481.0 | 3573.4 | 3638.5 | 3682.1 | 3708.0 | 3717.1 | 3708.0 | 3682.1 | 3638.5 | 3573.4 |
| 3.75° | 3438.3 | 3551.7 | 3638.5 | 3699.2 | 3739.0 | 3762.7 | 3768.1 | 3762.7 | 3739.0 | 3699.2 | 3638.5 |
| 2.5° | 3490.4 | 3601.0 | 3682.1 | 3739.0 | 3773.7 | 3790.0 | 3793.3 | 3790.0 | 3773.7 | 3739.0 | 3682.1 |
| 1.25° | 3520.2 | 3628.7 | 3708.0 | 3762.7 | 3790.0 | 3801.6 | 3807.7 | 3801.6 | 3790.0 | 3762.7 | 3708.0 |
| 0° | 3530.4 | 3638.3 | 3717.1 | 3768.1 | 3793.3 | 3807.7 | 3821.8 | 3807.7 | 3793.3 | 3768.1 | 3717.1 |
| -1.25° | 3520.2 | 3628.7 | 3708.0 | 3762.7 | 3790.0 | 3801.6 | 3807.7 | 3801.6 | 3790.0 | 3762.7 | 3708.0 |
| -2.5° | 3490.4 | 3601.0 | 3682.1 | 3739.0 | 3773.7 | 3790.0 | 3793.3 | 3790.0 | 3773.7 | 3739.0 | 3682.1 |
| -3.75° | 3438.3 | 3551.7 | 3638.5 | 3699.2 | 3739.0 | 3762.7 | 3768.1 | 3762.7 | 3739.0 | 3699.2 | 3638.5 |
| -5° | 3368.2 | 3481.0 | 3573.4 | 3638.5 | 3682.1 | 3708.0 | 3717.1 | 3708.0 | 3682.1 | 3638.5 | 3573.4 |
| -6.25° | 3273.1 | 3388.0 | 3481.0 | 3551.7 | 3601.0 | 3628.7 | 3638.3 | 3628.7 | 3601.0 | 3551.7 | 3481.0 |
| -7.5° | 3160.7 | 3273.1 | 3368.2 | 3438.3 | 3490.4 | 3520.2 | 3530.4 | 3520.2 | 3490.4 | 3438.3 | 3368.2 |
| -8.75° | 3033.3 | 3140.6 | 3232.1 | 3303.4 | 3356.6 | 3387.1 | 3397.0 | 3387.1 | 3356.6 | 3303.4 | 3232.1 |
| -10° | 2889.7 | 2994.9 | 3081.0 | 3149.6 | 3199.8 | 3230.9 | 3241.4 | 3230.9 | 3199.8 | 3149.6 | 3081.0 |
| -11.25° | 2729.4 | 2832.4 | 2917.3 | 2984.3 | 3031.1 | 3059.8 | 3069.5 | 3059.8 | 3031.1 | 2984.3 | 2917.3 |
| -12.5° | 2552.6 | 2655.1 | 2736.8 | 2802.5 | 2848.7 | 2876.8 | 2886.2 | 2876.8 | 2848.7 | 2802.5 | 2736.8 |
| -13.75° | 2357.4 | 2459.3 | 2540.8 | 2605.4 | 2652.2 | 2679.0 | 2688.0 | 2679.0 | 2652.2 | 2605.4 | 2540.8 |
| -15° | 2145.6 | 2244.9 | 2326.7 | 2390.2 | 2436.4 | 2464.5 | 2473.9 | 2464.5 | 2436.4 | 2390.2 | 2326.7 |
| -16.25° | 1921.1 | 2016.7 | 2096.8 | 2158.5 | 2203.3 | 2230.4 | 2239.6 | 2230.4 | 2203.3 | 2158.5 | 2096.8 |
| -17.5° | 1695.8 | 1783.3 | 1856.6 | 1915.1 | 1957.9 | 1983.9 | 1992.6 | 1983.9 | 1957.9 | 1915.1 | 1856.6 |
| -18.75° | 1477.1 | 1555.2 | 1621.4 | 1673.7 | 1712.2 | 1735.9 | 1743.8 | 1735.9 | 1712.2 | 1673.7 | 1621.4 |
| -20° | 1262.1 | 1337.1 | 1396.1 | 1442.6 | 1476.2 | 1496.5 | 1503.3 | 1496.5 | 1476.2 | 1442.6 | 1396.1 |
| -21.25° | 1031.4 | 1104.9 | 1165.0 | 1211.9 | 1245.8 | 1266.2 | 1273.0 | 1266.2 | 1245.8 | 1211.9 | 1165.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 802.2 | 868.2 | 923.0 | 968.0 | 1000.6 | 1020.2 | 1026.8 | 1020.2 | 1000.6 | 968.0 | 923.0 |
| -23.75° | 593.3 | 649.2 | 695.6 | 731.9 | 760.6 | 778.3 | 784.2 | 778.3 | 760.6 | 731.9 | 695.6 |
| -25° | 414.1 | 459.3 | 497.4 | 527.3 | 548.8 | 561.8 | 566.1 | 561.8 | 548.8 | 527.3 | 497.4 |
| -26.25° | 276.5 | 304.1 | 333.8 | 357.1 | 373.9 | 384.0 | 387.4 | 384.0 | 373.9 | 357.1 | 333.8 |
| -27.5° | 192.3 | 204.5 | 218.0 | 233.4 | 244.5 | 251.1 | 253.4 | 251.1 | 244.5 | 233.4 | 218.0 |
| -28.75° | 154.8 | 160.1 | 164.4 | 168.5 | 173.9 | 177.1 | 178.2 | 177.1 | 173.9 | 168.5 | 164.4 |
| -30° | 135.5 | 139.2 | 142.1 | 144.5 | 146.2 | 147.2 | 147.5 | 147.2 | 146.2 | 144.5 | 142.1 |
| -31.25° | 118.2 | 121.7 | 124.5 | 126.8 | 128.4 | 129.3 | 129.7 | 129.3 | 128.4 | 126.8 | 124.5 |
| -32.5° | 102.6 | 105.4 | 107.7 | 109.5 | 110.8 | 111.5 | 111.8 | 111.5 | 110.8 | 109.5 | 107.7 |
| -33.75° | 88.0 | 90.7 | 92.8 | 94.5 | 95.8 | 96.5 | 96.8 | 96.5 | 95.8 | 94.5 | 92.8 |
| -35° | 77.5 | 78.8 | 79.8 | 80.6 | 81.2 | 81.6 | 81.7 | 81.6 | 81.2 | 80.6 | 79.8 |
| -36.25° | 70.1 | 71.4 | 72.4 | 73.1 | 73.7 | 74.0 | 74.2 | 74.0 | 73.7 | 73.1 | 72.4 |
| -37.5° | 65.2 | 65.6 | 66.0 | 66.2 | 66.4 | 66.6 | 66.6 | 66.6 | 66.4 | 66.2 | 66.0 |
| -38.75° | 62.5 | 62.9 | 63.3 | 63.5 | 63.7 | 63.8 | 63.9 | 63.8 | 63.7 | 63.5 | 63.3 |
| -40° | 60.5 | 60.7 | 60.9 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.0 | 61.0 | 60.9 |
| -41.25° | 59.4 | 59.5 | 59.7 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.8 | 59.8 | 59.7 |
| -42.5° | 58.4 | 58.5 | 58.5 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.6 | 58.5 |
| -43.75° | 57.6 | 57.7 | 57.8 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.8 | 57.8 |
| -45° | 56.9 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.0 |
| -46.25° | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.6 |
| -47.5° | 56.0 | 56.1 | 56.2 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.2 | 56.2 |
| -48.75° | 55.2 | 55.3 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.4 | 55.4 |
| -50° | 54.3 | 54.4 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.6 | 54.5 |
| -51.25° | 53.1 | 53.2 | 53.3 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.4 | 53.3 |
| -52.5° | 52.0 | 52.1 | 52.1 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.2 | 52.1 |
| -53.75° | 50.8 | 50.9 | 51.0 | 51.1 | 51.1 | 51.1 | 51.2 | 51.1 | 51.1 | 51.1 | 51.0 |
| -55° | 49.6 | 49.7 | 49.8 | 49.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 49.9 | 49.8 |
| -56.25° | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.3 | 48.2 |
| -57.5° | 46.3 | 46.5 | 46.6 | 46.7 | 46.7 | 46.8 | 46.8 | 46.8 | 46.7 | 46.7 | 46.6 |
| -58.75° | 44.3 | 44.5 | 44.6 | 44.7 | 44.7 | 44.8 | 44.8 | 44.8 | 44.7 | 44.7 | 44.6 |
| -60° | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.7 | 42.6 |
| -61.25° | 40.4 | 40.6 | 40.7 | 40.7 | 40.8 | 40.8 | 40.9 | 40.8 | 40.8 | 40.7 | 40.7 |
| -62.5° | 38.3 | 38.5 | 38.6 | 38.8 | 38.8 | 38.9 | 38.9 | 38.9 | 38.8 | 38.8 | 38.6 |
| -63.75° | 35.6 | 35.7 | 35.9 | 36.0 | 36.0 | 36.1 | 36.1 | 36.1 | 36.0 | 36.0 | 35.9 |
| -65° | 32.8 | 33.0 | 33.1 | 33.2 | 33.2 | 33.3 | 33.3 | 33.3 | 33.2 | 33.2 | 33.1 |
| -66.25° | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.5 | 30.6 | 30.5 | 30.5 | 30.4 | 30.3 |
| -67.5° | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.7 | 27.6 |
| -68.75° | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.3 | 25.2 |
| -70° | 22.7 | 22.8 | 22.9 | 22.9 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 22.9 | 22.9 |
| -71.25° | 20.7 | 20.8 | 20.9 | 20.9 | 21.0 | 21.0 | 21.0 | 21.0 | 21.0 | 20.9 | 20.9 |
| -72.5° | 18.8 | 18.9 | 18.9 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 18.9 |
| -73.75° | 17.3 | 17.3 | 17.4 | 17.4 | 17.4 | 17.4 | 17.5 | 17.4 | 17.4 | 17.4 | 17.4 |
| -75° | 15.8 | 15.8 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 | 15.9 |
| -76.25° | 15.0 | 15.0 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 | 15.1 |
| -77.5° | 14.2 | 14.2 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 | 14.3 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 13.0 | 13.0 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 | 13.1 |
| -80° | 11.8 | 11.8 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 |
| -81.25° | 10.2 | 10.2 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 |
| -82.5° | 8.6 | 8.6 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 |
| -83.75° | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 |
| -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° | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 |
| -87.5° | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 |
| -88.75° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 |
| 87.5° | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| 86.25° | 4.0 | 4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.7 |
| 85° | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.3 | 5.3 | 5.3 |
| 83.75° | 7.1 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 6.9 | 6.9 | 6.8 | 6.8 | 6.7 |
| 82.5° | 8.6 | 8.6 | 8.6 | 8.6 | 8.5 | 8.5 | 8.4 | 8.4 | 8.3 | 8.3 | 8.2 |
| 81.25° | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 10.0 | 9.9 | 9.8 | 9.8 | 9.7 |
| 80° | 11.8 | 11.8 | 11.7 | 11.7 | 11.7 | 11.6 | 11.5 | 11.5 | 11.4 | 11.3 | 11.2 |
| 78.75° | 13.0 | 13.0 | 13.0 | 12.9 | 12.9 | 12.8 | 12.8 | 12.7 | 12.7 | 12.6 | 12.5 |
| 77.5° | 14.2 | 14.2 | 14.2 | 14.1 | 14.1 | 14.0 | 14.0 | 13.9 | 13.8 | 13.7 | 13.7 |
| 76.25° | 15.0 | 15.0 | 15.0 | 15.0 | 14.9 | 14.9 | 14.8 | 14.8 | 14.7 | 14.7 | 14.6 |
| 75° | 15.8 | 15.8 | 15.8 | 15.8 | 15.7 | 15.7 | 15.6 | 15.6 | 15.5 | 15.4 | 15.4 |
| 73.75° | 17.3 | 17.3 | 17.2 | 17.1 | 17.1 | 17.0 | 16.9 | 16.7 | 16.6 | 16.5 | 16.4 |
| 72.5° | 18.9 | 18.8 | 18.7 | 18.7 | 18.6 | 18.5 | 18.4 | 18.2 | 18.1 | 18.0 | 17.8 |
| 71.25° | 20.8 | 20.7 | 20.6 | 20.5 | 20.4 | 20.3 | 20.1 | 19.9 | 19.8 | 19.6 | 19.4 |
| 70° | 22.8 | 22.7 | 22.6 | 22.5 | 22.4 | 22.2 | 22.0 | 21.9 | 21.7 | 21.5 | 21.2 |
| 68.75° | 25.1 | 25.0 | 24.9 | 24.8 | 24.6 | 24.4 | 24.2 | 23.9 | 23.7 | 23.4 | 23.1 |
| 67.5° | 27.5 | 27.4 | 27.3 | 27.1 | 26.9 | 26.7 | 26.5 | 26.3 | 26.0 | 25.7 | 25.4 |
| 66.25° | 30.2 | 30.1 | 29.9 | 29.7 | 29.5 | 29.2 | 29.0 | 28.7 | 28.3 | 28.0 | 27.6 |
| 65° | 33.0 | 32.8 | 32.6 | 32.4 | 32.2 | 31.9 | 31.6 | 31.3 | 31.0 | 30.6 | 30.2 |
| 63.75° | 35.7 | 35.6 | 35.4 | 35.1 | 34.9 | 34.6 | 34.3 | 34.0 | 33.6 | 33.2 | 32.8 |
| 62.5° | 38.5 | 38.3 | 38.1 | 37.9 | 37.6 | 37.3 | 37.0 | 36.6 | 36.2 | 35.8 | 35.4 |
| 61.25° | 40.6 | 40.4 | 40.3 | 40.1 | 39.9 | 39.7 | 39.5 | 39.2 | 38.9 | 38.5 | 38.0 |
| 60° | 42.5 | 42.4 | 42.2 | 42.0 | 41.8 | 41.6 | 41.3 | 41.1 | 40.8 | 40.4 | 40.1 |
| 58.75° | 44.5 | 44.3 | 44.2 | 44.0 | 43.7 | 43.5 | 43.2 | 42.9 | 42.6 | 42.3 | 41.9 |
| 57.5° | 46.5 | 46.3 | 46.1 | 45.9 | 45.7 | 45.4 | 45.1 | 44.8 | 44.5 | 44.1 | 43.7 |
| 56.25° | 48.1 | 48.0 | 47.8 | 47.7 | 47.5 | 47.2 | 47.0 | 46.7 | 46.4 | 46.0 | 45.6 |
| 55° | 49.7 | 49.6 | 49.4 | 49.2 | 49.0 | 48.8 | 48.5 | 48.3 | 48.0 | 47.6 | 47.3 |
| 53.75° | 50.9 | 50.8 | 50.7 | 50.6 | 50.4 | 50.2 | 50.1 | 49.8 | 49.5 | 49.1 | 48.8 |
| 52.5° | 52.1 | 52.0 | 51.8 | 51.7 | 51.5 | 51.3 | 51.2 | 50.9 | 50.7 | 50.5 | 50.2 |
| 51.25° | 53.2 | 53.1 | 53.0 | 52.8 | 52.7 | 52.5 | 52.2 | 52.0 | 51.8 | 51.5 | 51.2 |
| 50° | 54.4 | 54.3 | 54.2 | 54.0 | 53.8 | 53.6 | 53.4 | 53.1 | 52.9 | 52.6 | 52.3 |
| 48.75° | 55.3 | 55.2 | 55.1 | 55.0 | 54.9 | 54.7 | 54.5 | 54.3 | 54.0 | 53.7 | 53.4 |
| 47.5° | 56.1 | 56.0 | 55.9 | 55.8 | 55.7 | 55.5 | 55.3 | 55.2 | 55.0 | 54.8 | 54.5 |
| 46.25° | 56.6 | 56.6 | 56.5 | 56.4 | 56.4 | 56.3 | 56.1 | 55.9 | 55.7 | 55.5 | 55.3 |
| 45° | 57.0 | 56.9 | 56.9 | 56.8 | 56.8 | 56.7 | 56.6 | 56.5 | 56.4 | 56.2 | 56.0 |
| 43.75° | 57.7 | 57.6 | 57.5 | 57.3 | 57.2 | 57.1 | 57.0 | 56.9 | 56.8 | 56.6 | 56.5 |
| 42.5° | 58.5 | 58.4 | 58.2 | 58.1 | 57.9 | 57.8 | 57.6 | 57.4 | 57.1 | 57.0 | 56.9 |
| 41.25° | 59.5 | 59.4 | 59.2 | 59.0 | 58.7 | 58.5 | 58.3 | 58.1 | 57.9 | 57.6 | 57.4 |
| 40° | 60.7 | 60.5 | 60.3 | 60.1 | 59.9 | 59.6 | 59.3 | 58.9 | 58.6 | 58.3 | 58.1 |
| 38.75° | 62.9 | 62.5 | 62.0 | 61.5 | 61.0 | 60.7 | 60.4 | 60.0 | 59.6 | 59.2 | 58.8 |
| 37.5° | 65.6 | 65.2 | 64.7 | 64.1 | 63.5 | 62.8 | 62.0 | 61.2 | 60.7 | 60.3 | 59.9 |
| 36.25° | 71.4 | 70.1 | 68.7 | 67.1 | 66.1 | 65.4 | 64.5 | 63.7 | 62.7 | 61.7 | 60.9 |
| 35° | 78.8 | 77.5 | 76.0 | 74.3 | 72.4 | 70.3 | 67.9 | 66.2 | 65.2 | 64.1 | 63.0 |



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CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 33.75° | 90.7 | 88.0 | 84.9 | 81.5 | 79.5 | 77.3 | 74.9 | 72.2 | 69.4 | 66.5 | 65.4 |
| 32.5° | 105.4 | 102.6 | 99.4 | 95.6 | 91.5 | 86.8 | 81.8 | 79.0 | 76.1 | 72.9 | 69.6 |
| 31.25° | 121.7 | 118.2 | 114.2 | 109.9 | 105.5 | 100.7 | 95.4 | 89.7 | 83.6 | 79.4 | 76.0 |
| 30° | 139.2 | 135.5 | 131.3 | 126.4 | 121.0 | 115.0 | 109.0 | 103.1 | 96.7 | 89.9 | 82.8 |
| 28.75° | 160.1 | 154.8 | 148.6 | 143.2 | 137.5 | 131.3 | 124.5 | 117.1 | 109.6 | 102.6 | 95.2 |
| 27.5° | 204.5 | 192.3 | 178.0 | 164.8 | 156.5 | 147.4 | 140.3 | 132.6 | 124.4 | 115.7 | 107.4 |
| 26.25° | 304.1 | 276.5 | 247.3 | 214.0 | 193.4 | 172.4 | 159.3 | 148.2 | 139.4 | 130.4 | 120.8 |
| 25° | 459.3 | 414.1 | 369.8 | 319.5 | 273.3 | 230.4 | 197.1 | 171.5 | 156.8 | 144.8 | 134.9 |
| 23.75° | 649.2 | 593.3 | 533.1 | 468.8 | 400.9 | 336.2 | 275.2 | 223.1 | 188.7 | 163.4 | 149.1 |
| 22.5° | 868.2 | 802.2 | 726.6 | 648.6 | 562.5 | 480.1 | 395.8 | 317.3 | 252.9 | 201.2 | 168.5 |
| 21.25° | 1104.9 | 1031.4 | 946.2 | 853.4 | 751.5 | 650.3 | 545.9 | 446.2 | 354.3 | 273.0 | 208.8 |
| 20° | 1337.1 | 1262.1 | 1173.9 | 1073.0 | 960.2 | 841.6 | 717.8 | 597.8 | 483.5 | 376.8 | 283.2 |
| 18.75° | 1555.2 | 1477.1 | 1390.0 | 1289.6 | 1173.2 | 1044.9 | 907.1 | 766.7 | 631.1 | 502.2 | 384.3 |
| 17.5° | 1783.3 | 1695.8 | 1598.1 | 1489.2 | 1374.7 | 1245.4 | 1102.4 | 947.9 | 792.4 | 642.3 | 502.2 |
| 16.25° | 2016.7 | 1921.1 | 1812.9 | 1692.6 | 1564.9 | 1431.0 | 1289.4 | 1131.3 | 961.9 | 792.4 | 631.1 |
| 15° | 2244.9 | 2145.6 | 2029.9 | 1899.2 | 1759.1 | 1611.6 | 1459.5 | 1304.1 | 1131.3 | 947.9 | 766.7 |
| 13.75° | 2459.3 | 2357.4 | 2239.0 | 2104.0 | 1952.9 | 1792.9 | 1627.3 | 1459.5 | 1289.4 | 1102.4 | 907.1 |
| 12.5° | 2655.1 | 2552.6 | 2433.4 | 2296.1 | 2140.7 | 1971.1 | 1792.9 | 1611.6 | 1431.0 | 1245.4 | 1044.9 |
| 11.25° | 2832.4 | 2729.4 | 2609.7 | 2472.2 | 2314.6 | 2140.7 | 1952.9 | 1759.1 | 1564.9 | 1374.7 | 1173.2 |
| 10° | 2994.9 | 2889.7 | 2767.5 | 2629.1 | 2472.2 | 2296.1 | 2104.0 | 1899.2 | 1692.6 | 1489.2 | 1289.6 |
| 8.75° | 3140.6 | 3033.3 | 2909.2 | 2767.5 | 2609.7 | 2433.4 | 2239.0 | 2029.9 | 1812.9 | 1598.1 | 1390.0 |
| 7.5° | 3273.1 | 3160.7 | 3033.3 | 2889.7 | 2729.4 | 2552.6 | 2357.4 | 2145.6 | 1921.1 | 1695.8 | 1477.1 |
| 6.25° | 3388.0 | 3273.1 | 3140.6 | 2994.9 | 2832.4 | 2655.1 | 2459.3 | 2244.9 | 2016.7 | 1783.3 | 1555.2 |
| 5° | 3481.0 | 3368.2 | 3232.1 | 3081.0 | 2917.3 | 2736.8 | 2540.8 | 2326.7 | 2096.8 | 1856.6 | 1621.4 |
| 3.75° | 3551.7 | 3438.3 | 3303.4 | 3149.6 | 2984.3 | 2802.5 | 2605.4 | 2390.2 | 2158.5 | 1915.1 | 1673.7 |
| 2.5° | 3601.0 | 3490.4 | 3356.6 | 3199.8 | 3031.1 | 2848.7 | 2652.2 | 2436.4 | 2203.3 | 1957.9 | 1712.2 |
| 1.25° | 3628.7 | 3520.2 | 3387.1 | 3230.9 | 3059.8 | 2876.8 | 2679.0 | 2464.5 | 2230.4 | 1983.9 | 1735.9 |
| 0° | 3638.3 | 3530.4 | 3397.0 | 3241.4 | 3069.5 | 2886.2 | 2688.0 | 2473.9 | 2239.6 | 1992.6 | 1743.8 |
| -1.25° | 3628.7 | 3520.2 | 3387.1 | 3230.9 | 3059.8 | 2876.8 | 2679.0 | 2464.5 | 2230.4 | 1983.9 | 1735.9 |
| -2.5° | 3601.0 | 3490.4 | 3356.6 | 3199.8 | 3031.1 | 2848.7 | 2652.2 | 2436.4 | 2203.3 | 1957.9 | 1712.2 |
| -3.75° | 3551.7 | 3438.3 | 3303.4 | 3149.6 | 2984.3 | 2802.5 | 2605.4 | 2390.2 | 2158.5 | 1915.1 | 1673.7 |
| -5° | 3481.0 | 3368.2 | 3232.1 | 3081.0 | 2917.3 | 2736.8 | 2540.8 | 2326.7 | 2096.8 | 1856.6 | 1621.4 |
| -6.25° | 3388.0 | 3273.1 | 3140.6 | 2994.9 | 2832.4 | 2655.1 | 2459.3 | 2244.9 | 2016.7 | 1783.3 | 1555.2 |
| -7.5° | 3273.1 | 3160.7 | 3033.3 | 2889.7 | 2729.4 | 2552.6 | 2357.4 | 2145.6 | 1921.1 | 1695.8 | 1477.1 |
| -8.75° | 3140.6 | 3033.3 | 2909.2 | 2767.5 | 2609.7 | 2433.4 | 2239.0 | 2029.9 | 1812.9 | 1598.1 | 1390.0 |
| -10° | 2994.9 | 2889.7 | 2767.5 | 2629.1 | 2472.2 | 2296.1 | 2104.0 | 1899.2 | 1692.6 | 1489.2 | 1289.6 |
| -11.25° | 2832.4 | 2729.4 | 2609.7 | 2472.2 | 2314.6 | 2140.7 | 1952.9 | 1759.1 | 1564.9 | 1374.7 | 1173.2 |
| -12.5° | 2655.1 | 2552.6 | 2433.4 | 2296.1 | 2140.7 | 1971.1 | 1792.9 | 1611.6 | 1431.0 | 1245.4 | 1044.9 |
| -13.75° | 2459.3 | 2357.4 | 2239.0 | 2104.0 | 1952.9 | 1792.9 | 1627.3 | 1459.5 | 1289.4 | 1102.4 | 907.1 |
| -15° | 2244.9 | 2145.6 | 2029.9 | 1899.2 | 1759.1 | 1611.6 | 1459.5 | 1304.1 | 1131.3 | 947.9 | 766.7 |
| -16.25° | 2016.7 | 1921.1 | 1812.9 | 1692.6 | 1564.9 | 1431.0 | 1289.4 | 1131.3 | 961.9 | 792.4 | 631.1 |
| -17.5° | 1783.3 | 1695.8 | 1598.1 | 1489.2 | 1374.7 | 1245.4 | 1102.4 | 947.9 | 792.4 | 642.3 | 502.2 |
| -18.75° | 1555.2 | 1477.1 | 1390.0 | 1289.6 | 1173.2 | 1044.9 | 907.1 | 766.7 | 631.1 | 502.2 | 384.3 |
| -20° | 1337.1 | 1262.1 | 1173.9 | 1073.0 | 960.2 | 841.6 | 717.8 | 597.8 | 483.5 | 376.8 | 283.2 |
| -21.25° | 1104.9 | 1031.4 | 946.2 | 853.4 | 751.5 | 650.3 | 545.9 | 446.2 | 354.3 | 273.0 | 208.8 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 868.2 | 802.2 | 726.6 | 648.6 | 562.5 | 480.1 | 395.8 | 317.3 | 252.9 | 201.2 | 168.5 |
| -23.75° | 649.2 | 593.3 | 533.1 | 468.8 | 400.9 | 336.2 | 275.2 | 223.1 | 188.7 | 163.4 | 149.1 |
| -25° | 459.3 | 414.1 | 369.8 | 319.5 | 273.3 | 230.4 | 197.1 | 171.5 | 156.8 | 144.8 | 134.9 |
| -26.25° | 304.1 | 276.5 | 247.3 | 214.0 | 193.4 | 172.4 | 159.3 | 148.2 | 139.4 | 130.4 | 120.8 |
| -27.5° | 204.5 | 192.3 | 178.0 | 164.8 | 156.5 | 147.4 | 140.3 | 132.6 | 124.4 | 115.7 | 107.4 |
| -28.75° | 160.1 | 154.8 | 148.6 | 143.2 | 137.5 | 131.3 | 124.5 | 117.1 | 109.6 | 102.6 | 95.2 |
| -30° | 139.2 | 135.5 | 131.3 | 126.4 | 121.0 | 115.0 | 109.0 | 103.1 | 96.7 | 89.9 | 82.8 |
| -31.25° | 121.7 | 118.2 | 114.2 | 109.9 | 105.5 | 100.7 | 95.4 | 89.7 | 83.6 | 79.4 | 76.0 |
| -32.5° | 105.4 | 102.6 | 99.4 | 95.6 | 91.5 | 86.8 | 81.8 | 79.0 | 76.1 | 72.9 | 69.6 |
| -33.75° | 90.7 | 88.0 | 84.9 | 81.5 | 79.5 | 77.3 | 74.9 | 72.2 | 69.4 | 66.5 | 65.4 |
| -35° | 78.8 | 77.5 | 76.0 | 74.3 | 72.4 | 70.3 | 67.9 | 66.2 | 65.2 | 64.1 | 63.0 |
| -36.25° | 71.4 | 70.1 | 68.7 | 67.1 | 66.1 | 65.4 | 64.5 | 63.7 | 62.7 | 61.7 | 60.9 |
| -37.5° | 65.6 | 65.2 | 64.7 | 64.1 | 63.5 | 62.8 | 62.0 | 61.2 | 60.7 | 60.3 | 59.9 |
| -38.75° | 62.9 | 62.5 | 62.0 | 61.5 | 61.0 | 60.7 | 60.4 | 60.0 | 59.6 | 59.2 | 58.8 |
| -40° | 60.7 | 60.5 | 60.3 | 60.1 | 59.9 | 59.6 | 59.3 | 58.9 | 58.6 | 58.3 | 58.1 |
| -41.25° | 59.5 | 59.4 | 59.2 | 59.0 | 58.7 | 58.5 | 58.3 | 58.1 | 57.9 | 57.6 | 57.4 |
| -42.5° | 58.5 | 58.4 | 58.2 | 58.1 | 57.9 | 57.8 | 57.6 | 57.4 | 57.1 | 57.0 | 56.9 |
| -43.75° | 57.7 | 57.6 | 57.5 | 57.3 | 57.2 | 57.1 | 57.0 | 56.9 | 56.8 | 56.6 | 56.5 |
| -45° | 57.0 | 56.9 | 56.9 | 56.8 | 56.8 | 56.7 | 56.6 | 56.5 | 56.4 | 56.2 | 56.0 |
| -46.25° | 56.6 | 56.6 | 56.5 | 56.4 | 56.4 | 56.3 | 56.1 | 55.9 | 55.7 | 55.5 | 55.3 |
| -47.5° | 56.1 | 56.0 | 55.9 | 55.8 | 55.7 | 55.5 | 55.3 | 55.2 | 55.0 | 54.8 | 54.5 |
| -48.75° | 55.3 | 55.2 | 55.1 | 55.0 | 54.9 | 54.7 | 54.5 | 54.3 | 54.0 | 53.7 | 53.4 |
| -50° | 54.4 | 54.3 | 54.2 | 54.0 | 53.8 | 53.6 | 53.4 | 53.1 | 52.9 | 52.6 | 52.3 |
| -51.25° | 53.2 | 53.1 | 53.0 | 52.8 | 52.7 | 52.5 | 52.2 | 52.0 | 51.8 | 51.5 | 51.2 |
| -52.5° | 52.1 | 52.0 | 51.8 | 51.7 | 51.5 | 51.3 | 51.2 | 50.9 | 50.7 | 50.5 | 50.2 |
| -53.75° | 50.9 | 50.8 | 50.7 | 50.6 | 50.4 | 50.2 | 50.1 | 49.8 | 49.5 | 49.1 | 48.8 |
| -55° | 49.7 | 49.6 | 49.4 | 49.2 | 49.0 | 48.8 | 48.5 | 48.3 | 48.0 | 47.6 | 47.3 |
| -56.25° | 48.1 | 48.0 | 47.8 | 47.7 | 47.5 | 47.2 | 47.0 | 46.7 | 46.4 | 46.0 | 45.6 |
| -57.5° | 46.5 | 46.3 | 46.1 | 45.9 | 45.7 | 45.4 | 45.1 | 44.8 | 44.5 | 44.1 | 43.7 |
| -58.75° | 44.5 | 44.3 | 44.2 | 44.0 | 43.7 | 43.5 | 43.2 | 42.9 | 42.6 | 42.3 | 41.9 |
| -60° | 42.5 | 42.4 | 42.2 | 42.0 | 41.8 | 41.6 | 41.3 | 41.1 | 40.8 | 40.4 | 40.1 |
| -61.25° | 40.6 | 40.4 | 40.3 | 40.1 | 39.9 | 39.7 | 39.5 | 39.2 | 38.9 | 38.5 | 38.0 |
| -62.5° | 38.5 | 38.3 | 38.1 | 37.9 | 37.6 | 37.3 | 37.0 | 36.6 | 36.2 | 35.8 | 35.4 |
| -63.75° | 35.7 | 35.6 | 35.4 | 35.1 | 34.9 | 34.6 | 34.3 | 34.0 | 33.6 | 33.2 | 32.8 |
| -65° | 33.0 | 32.8 | 32.6 | 32.4 | 32.2 | 31.9 | 31.6 | 31.3 | 31.0 | 30.6 | 30.2 |
| -66.25° | 30.2 | 30.1 | 29.9 | 29.7 | 29.5 | 29.2 | 29.0 | 28.7 | 28.3 | 28.0 | 27.6 |
| -67.5° | 27.5 | 27.4 | 27.3 | 27.1 | 26.9 | 26.7 | 26.5 | 26.3 | 26.0 | 25.7 | 25.4 |
| -68.75° | 25.1 | 25.0 | 24.9 | 24.8 | 24.6 | 24.4 | 24.2 | 23.9 | 23.7 | 23.4 | 23.1 |
| -70° | 22.8 | 22.7 | 22.6 | 22.5 | 22.4 | 22.2 | 22.0 | 21.9 | 21.7 | 21.5 | 21.2 |
| -71.25° | 20.8 | 20.7 | 20.6 | 20.5 | 20.4 | 20.3 | 20.1 | 19.9 | 19.8 | 19.6 | 19.4 |
| -72.5° | 18.9 | 18.8 | 18.7 | 18.7 | 18.6 | 18.5 | 18.4 | 18.2 | 18.1 | 18.0 | 17.8 |
| -73.75° | 17.3 | 17.3 | 17.2 | 17.1 | 17.1 | 17.0 | 16.9 | 16.7 | 16.6 | 16.5 | 16.4 |
| -75° | 15.8 | 15.8 | 15.8 | 15.8 | 15.7 | 15.7 | 15.6 | 15.6 | 15.5 | 15.4 | 15.4 |
| -76.25° | 15.0 | 15.0 | 15.0 | 15.0 | 14.9 | 14.9 | 14.8 | 14.8 | 14.7 | 14.7 | 14.6 |
| -77.5° | 14.2 | 14.2 | 14.2 | 14.1 | 14.1 | 14.0 | 14.0 | 13.9 | 13.8 | 13.7 | 13.7 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 13.0 | 13.0 | 13.0 | 12.9 | 12.9 | 12.8 | 12.8 | 12.7 | 12.7 | 12.6 | 12.5 |
| -80° | 11.8 | 11.8 | 11.7 | 11.7 | 11.7 | 11.6 | 11.5 | 11.5 | 11.4 | 11.3 | 11.2 |
| -81.25° | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 10.0 | 9.9 | 9.8 | 9.8 | 9.7 |
| -82.5° | 8.6 | 8.6 | 8.6 | 8.6 | 8.5 | 8.5 | 8.4 | 8.4 | 8.3 | 8.3 | 8.2 |
| -83.75° | 7.1 | 7.1 | 7.1 | 7.0 | 7.0 | 7.0 | 6.9 | 6.9 | 6.8 | 6.8 | 6.7 |
| -85° | 5.6 | 5.5 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.4 | 5.3 | 5.3 | 5.3 |
| -86.25° | 4.0 | 4.0 | 3.9 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 3.8 | 3.8 | 3.7 |
| -87.5° | 2.4 | 2.4 | 2.4 | 2.4 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| -88.75° | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 |
| 87.5° | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| 86.25° | 3.7 | 3.7 | 3.6 | 3.6 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.3 | 3.2 |
| 85° | 5.2 | 5.2 | 5.1 | 5.1 | 5.0 | 4.9 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 |
| 83.75° | 6.7 | 6.6 | 6.6 | 6.5 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 6.0 | 5.9 |
| 82.5° | 8.1 | 8.1 | 8.0 | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 |
| 81.25° | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.5 |
| 80° | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.4 | 10.3 | 10.2 | 10.0 | 9.9 |
| 78.75° | 12.4 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.7 | 11.6 | 11.4 | 11.2 |
| 77.5° | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.0 | 12.9 | 12.8 | 12.7 | 12.5 | 12.4 |
| 76.25° | 14.6 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.0 | 13.8 | 13.7 | 13.6 | 13.4 |
| 75° | 15.3 | 15.2 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 |
| 73.75° | 16.2 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.0 |
| 72.5° | 17.7 | 17.5 | 17.3 | 17.1 | 16.9 | 16.7 | 16.5 | 16.3 | 16.0 | 15.8 | 15.7 |
| 71.25° | 19.1 | 18.9 | 18.7 | 18.5 | 18.3 | 18.1 | 17.8 | 17.6 | 17.3 | 17.1 | 16.8 |
| 70° | 21.0 | 20.7 | 20.5 | 20.2 | 19.9 | 19.6 | 19.3 | 18.9 | 18.7 | 18.4 | 18.1 |
| 68.75° | 22.9 | 22.6 | 22.3 | 22.0 | 21.7 | 21.4 | 21.0 | 20.6 | 20.3 | 19.9 | 19.5 |
| 67.5° | 25.1 | 24.7 | 24.4 | 24.0 | 23.6 | 23.1 | 22.7 | 22.4 | 22.0 | 21.6 | 21.1 |
| 66.25° | 27.3 | 26.9 | 26.5 | 26.1 | 25.7 | 25.3 | 24.8 | 24.3 | 23.8 | 23.3 | 22.8 |
| 65° | 29.8 | 29.3 | 28.9 | 28.4 | 27.8 | 27.4 | 26.9 | 26.4 | 25.8 | 25.3 | 24.7 |
| 63.75° | 32.3 | 31.9 | 31.4 | 30.8 | 30.3 | 29.7 | 29.1 | 28.5 | 27.8 | 27.3 | 26.7 |
| 62.5° | 34.9 | 34.4 | 33.9 | 33.3 | 32.7 | 32.1 | 31.5 | 30.8 | 30.2 | 29.5 | 28.7 |
| 61.25° | 37.5 | 37.0 | 36.4 | 35.8 | 35.2 | 34.5 | 33.9 | 33.2 | 32.5 | 31.7 | 31.0 |
| 60° | 39.7 | 39.3 | 38.9 | 38.3 | 37.7 | 37.0 | 36.3 | 35.5 | 34.8 | 34.0 | 33.2 |
| 58.75° | 41.5 | 41.1 | 40.7 | 40.2 | 39.8 | 39.3 | 38.7 | 37.9 | 37.1 | 36.3 | 35.4 |
| 57.5° | 43.3 | 42.9 | 42.4 | 42.0 | 41.5 | 40.9 | 40.4 | 39.8 | 39.3 | 38.6 | 37.7 |
| 56.25° | 45.2 | 44.7 | 44.2 | 43.7 | 43.2 | 42.6 | 42.1 | 41.5 | 40.9 | 40.2 | 39.6 |
| 55° | 46.9 | 46.5 | 46.0 | 45.5 | 44.9 | 44.3 | 43.7 | 43.1 | 42.5 | 41.8 | 41.1 |
| 53.75° | 48.4 | 48.0 | 47.6 | 47.1 | 46.6 | 46.0 | 45.4 | 44.8 | 44.1 | 43.4 | 42.7 |
| 52.5° | 49.9 | 49.4 | 49.0 | 48.5 | 48.1 | 47.6 | 47.0 | 46.4 | 45.7 | 45.0 | 44.2 |
| 51.25° | 50.9 | 50.6 | 50.3 | 49.9 | 49.4 | 48.9 | 48.4 | 47.8 | 47.2 | 46.6 | 45.8 |
| 50° | 52.0 | 51.7 | 51.3 | 51.0 | 50.6 | 50.2 | 49.7 | 49.1 | 48.5 | 47.9 | 47.2 |
| 48.75° | 53.1 | 52.7 | 52.3 | 52.0 | 51.6 | 51.2 | 50.7 | 50.3 | 49.8 | 49.1 | 48.4 |
| 47.5° | 54.1 | 53.8 | 53.4 | 53.0 | 52.5 | 52.1 | 51.7 | 51.2 | 50.7 | 50.3 | 49.7 |
| 46.25° | 55.0 | 54.8 | 54.4 | 54.0 | 53.6 | 53.1 | 52.6 | 52.1 | 51.6 | 51.1 | 50.6 |
| 45° | 55.8 | 55.5 | 55.2 | 54.9 | 54.6 | 54.1 | 53.6 | 53.1 | 52.6 | 52.0 | 51.5 |
| 43.75° | 56.4 | 56.2 | 55.9 | 55.6 | 55.3 | 54.9 | 54.6 | 54.0 | 53.5 | 52.9 | 52.3 |
| 42.5° | 56.7 | 56.6 | 56.4 | 56.3 | 55.9 | 55.6 | 55.2 | 54.9 | 54.4 | 53.8 | 53.2 |
| 41.25° | 57.1 | 56.9 | 56.8 | 56.6 | 56.4 | 56.2 | 55.9 | 55.5 | 55.1 | 54.7 | 54.1 |
| 40° | 57.8 | 57.5 | 57.1 | 56.9 | 56.8 | 56.6 | 56.4 | 56.1 | 55.7 | 55.3 | 54.9 |
| 38.75° | 58.5 | 58.1 | 57.8 | 57.5 | 57.1 | 56.9 | 56.7 | 56.5 | 56.3 | 55.9 | 55.4 |
| 37.5° | 59.4 | 58.9 | 58.5 | 58.1 | 57.7 | 57.3 | 57.0 | 56.8 | 56.6 | 56.4 | 56.0 |
| 36.25° | 60.4 | 59.9 | 59.3 | 58.8 | 58.4 | 57.9 | 57.5 | 57.1 | 56.9 | 56.6 | 56.4 |
| 35° | 61.8 | 60.9 | 60.3 | 59.7 | 59.1 | 58.6 | 58.1 | 57.7 | 57.2 | 56.9 | 56.7 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 64.1 | 62.9 | 61.5 | 60.7 | 60.0 | 59.4 | 58.7 | 58.3 | 57.8 | 57.3 | 56.9 |
| 32.5° | 66.4 | 65.1 | 63.7 | 62.3 | 61.0 | 60.3 | 59.6 | 58.9 | 58.3 | 57.8 | 57.3 |
| 31.25° | 72.3 | 68.6 | 65.9 | 64.4 | 62.8 | 61.2 | 60.4 | 59.7 | 59.0 | 58.4 | 57.8 |
| 30° | 78.5 | 74.6 | 70.5 | 66.5 | 64.9 | 63.2 | 61.5 | 60.5 | 59.7 | 59.0 | 58.3 |
| 28.75° | 87.4 | 80.5 | 76.2 | 71.8 | 67.3 | 65.2 | 63.4 | 61.6 | 60.5 | 59.7 | 58.9 |
| 27.5° | 99.3 | 90.9 | 82.1 | 77.4 | 72.7 | 67.8 | 65.3 | 63.4 | 61.5 | 60.4 | 59.6 |
| 26.25° | 111.0 | 102.3 | 93.2 | 83.8 | 77.9 | 72.9 | 67.8 | 65.2 | 63.2 | 61.2 | 60.3 |
| 25° | 124.5 | 113.8 | 104.1 | 94.4 | 84.4 | 77.9 | 72.7 | 67.3 | 64.9 | 62.8 | 61.0 |
| 23.75° | 137.9 | 126.8 | 115.2 | 104.7 | 94.4 | 83.8 | 77.4 | 71.8 | 66.5 | 64.4 | 62.3 |
| 22.5° | 152.4 | 139.4 | 127.5 | 115.2 | 104.1 | 93.2 | 82.1 | 76.2 | 70.5 | 65.9 | 63.7 |
| 21.25° | 173.4 | 153.5 | 139.4 | 126.8 | 113.8 | 102.3 | 90.9 | 80.5 | 74.6 | 68.6 | 65.1 |
| 20° | 211.7 | 173.4 | 152.4 | 137.9 | 124.5 | 111.0 | 99.3 | 87.4 | 78.5 | 72.3 | 66.4 |
| 18.75° | 283.2 | 208.8 | 168.5 | 149.1 | 134.9 | 120.8 | 107.4 | 95.2 | 82.8 | 76.0 | 69.6 |
| 17.5° | 376.8 | 273.0 | 201.2 | 163.4 | 144.8 | 130.4 | 115.7 | 102.6 | 89.9 | 79.4 | 72.9 |
| 16.25° | 483.5 | 354.3 | 252.9 | 188.7 | 156.8 | 139.4 | 124.4 | 109.6 | 96.7 | 83.6 | 76.1 |
| 15° | 597.8 | 446.2 | 317.3 | 223.1 | 171.5 | 148.2 | 132.6 | 117.1 | 103.1 | 89.7 | 79.0 |
| 13.75° | 717.8 | 545.9 | 395.8 | 275.2 | 197.1 | 159.3 | 140.3 | 124.5 | 109.0 | 95.4 | 81.8 |
| 12.5° | 841.6 | 650.3 | 480.1 | 336.2 | 230.4 | 172.4 | 147.4 | 131.3 | 115.0 | 100.7 | 86.8 |
| 11.25° | 960.2 | 751.5 | 562.5 | 400.9 | 273.3 | 193.4 | 156.5 | 137.5 | 121.0 | 105.5 | 91.5 |
| 10° | 1073.0 | 853.4 | 648.6 | 468.8 | 319.5 | 214.0 | 164.8 | 143.2 | 126.4 | 109.9 | 95.6 |
| 8.75° | 1173.9 | 946.2 | 726.6 | 533.1 | 369.8 | 247.3 | 178.0 | 148.6 | 131.3 | 114.2 | 99.4 |
| 7.5° | 1262.1 | 1031.4 | 802.2 | 593.3 | 414.1 | 276.5 | 192.3 | 154.8 | 135.5 | 118.2 | 102.6 |
| 6.25° | 1337.1 | 1104.9 | 868.2 | 649.2 | 459.3 | 304.1 | 204.5 | 160.1 | 139.2 | 121.7 | 105.4 |
| 5° | 1396.1 | 1165.0 | 923.0 | 695.6 | 497.4 | 333.8 | 218.0 | 164.4 | 142.1 | 124.5 | 107.7 |
| 3.75° | 1442.6 | 1211.9 | 968.0 | 731.9 | 527.3 | 357.1 | 233.4 | 168.5 | 144.5 | 126.8 | 109.5 |
| 2.5° | 1476.2 | 1245.8 | 1000.6 | 760.6 | 548.8 | 373.9 | 244.5 | 173.9 | 146.2 | 128.4 | 110.8 |
| 1.25° | 1496.5 | 1266.2 | 1020.2 | 778.3 | 561.8 | 384.0 | 251.1 | 177.1 | 147.2 | 129.3 | 111.5 |
| 0° | 1503.3 | 1273.0 | 1026.8 | 784.2 | 566.1 | 387.4 | 253.4 | 178.2 | 147.5 | 129.7 | 111.8 |
| -1.25° | 1496.5 | 1266.2 | 1020.2 | 778.3 | 561.8 | 384.0 | 251.1 | 177.1 | 147.2 | 129.3 | 111.5 |
| -2.5° | 1476.2 | 1245.8 | 1000.6 | 760.6 | 548.8 | 373.9 | 244.5 | 173.9 | 146.2 | 128.4 | 110.8 |
| -3.75° | 1442.6 | 1211.9 | 968.0 | 731.9 | 527.3 | 357.1 | 233.4 | 168.5 | 144.5 | 126.8 | 109.5 |
| -5° | 1396.1 | 1165.0 | 923.0 | 695.6 | 497.4 | 333.8 | 218.0 | 164.4 | 142.1 | 124.5 | 107.7 |
| -6.25° | 1337.1 | 1104.9 | 868.2 | 649.2 | 459.3 | 304.1 | 204.5 | 160.1 | 139.2 | 121.7 | 105.4 |
| -7.5° | 1262.1 | 1031.4 | 802.2 | 593.3 | 414.1 | 276.5 | 192.3 | 154.8 | 135.5 | 118.2 | 102.6 |
| -8.75° | 1173.9 | 946.2 | 726.6 | 533.1 | 369.8 | 247.3 | 178.0 | 148.6 | 131.3 | 114.2 | 99.4 |
| -10° | 1073.0 | 853.4 | 648.6 | 468.8 | 319.5 | 214.0 | 164.8 | 143.2 | 126.4 | 109.9 | 95.6 |
| -11.25° | 960.2 | 751.5 | 562.5 | 400.9 | 273.3 | 193.4 | 156.5 | 137.5 | 121.0 | 105.5 | 91.5 |
| -12.5° | 841.6 | 650.3 | 480.1 | 336.2 | 230.4 | 172.4 | 147.4 | 131.3 | 115.0 | 100.7 | 86.8 |
| -13.75° | 717.8 | 545.9 | 395.8 | 275.2 | 197.1 | 159.3 | 140.3 | 124.5 | 109.0 | 95.4 | 81.8 |
| -15° | 597.8 | 446.2 | 317.3 | 223.1 | 171.5 | 148.2 | 132.6 | 117.1 | 103.1 | 89.7 | 79.0 |
| -16.25° | 483.5 | 354.3 | 252.9 | 188.7 | 156.8 | 139.4 | 124.4 | 109.6 | 96.7 | 83.6 | 76.1 |
| -17.5° | 376.8 | 273.0 | 201.2 | 163.4 | 144.8 | 130.4 | 115.7 | 102.6 | 89.9 | 79.4 | 72.9 |
| -18.75° | 283.2 | 208.8 | 168.5 | 149.1 | 134.9 | 120.8 | 107.4 | 95.2 | 82.8 | 76.0 | 69.6 |
| -20° | 211.7 | 173.4 | 152.4 | 137.9 | 124.5 | 111.0 | 99.3 | 87.4 | 78.5 | 72.3 | 66.4 |
| -21.25° | 173.4 | 153.5 | 139.4 | 126.8 | 113.8 | 102.3 | 90.9 | 80.5 | 74.6 | 68.6 | 65.1 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 152.4 | 139.4 | 127.5 | 115.2 | 104.1 | 93.2 | 82.1 | 76.2 | 70.5 | 65.9 | 63.7 |
| -23.75° | 137.9 | 126.8 | 115.2 | 104.7 | 94.4 | 83.8 | 77.4 | 71.8 | 66.5 | 64.4 | 62.3 |
| -25° | 124.5 | 113.8 | 104.1 | 94.4 | 84.4 | 77.9 | 72.7 | 67.3 | 64.9 | 62.8 | 61.0 |
| -26.25° | 111.0 | 102.3 | 93.2 | 83.8 | 77.9 | 72.9 | 67.8 | 65.2 | 63.2 | 61.2 | 60.3 |
| -27.5° | 99.3 | 90.9 | 82.1 | 77.4 | 72.7 | 67.8 | 65.3 | 63.4 | 61.5 | 60.4 | 59.6 |
| -28.75° | 87.4 | 80.5 | 76.2 | 71.8 | 67.3 | 65.2 | 63.4 | 61.6 | 60.5 | 59.7 | 58.9 |
| -30° | 78.5 | 74.6 | 70.5 | 66.5 | 64.9 | 63.2 | 61.5 | 60.5 | 59.7 | 59.0 | 58.3 |
| -31.25° | 72.3 | 68.6 | 65.9 | 64.4 | 62.8 | 61.2 | 60.4 | 59.7 | 59.0 | 58.4 | 57.8 |
| -32.5° | 66.4 | 65.1 | 63.7 | 62.3 | 61.0 | 60.3 | 59.6 | 58.9 | 58.3 | 57.8 | 57.3 |
| -33.75° | 64.1 | 62.9 | 61.5 | 60.7 | 60.0 | 59.4 | 58.7 | 58.3 | 57.8 | 57.3 | 56.9 |
| -35° | 61.8 | 60.9 | 60.3 | 59.7 | 59.1 | 58.6 | 58.1 | 57.7 | 57.2 | 56.9 | 56.7 |
| -36.25° | 60.4 | 59.9 | 59.3 | 58.8 | 58.4 | 57.9 | 57.5 | 57.1 | 56.9 | 56.6 | 56.4 |
| -37.5° | 59.4 | 58.9 | 58.5 | 58.1 | 57.7 | 57.3 | 57.0 | 56.8 | 56.6 | 56.4 | 56.0 |
| -38.75° | 58.5 | 58.1 | 57.8 | 57.5 | 57.1 | 56.9 | 56.7 | 56.5 | 56.3 | 55.9 | 55.4 |
| -40° | 57.8 | 57.5 | 57.1 | 56.9 | 56.8 | 56.6 | 56.4 | 56.1 | 55.7 | 55.3 | 54.9 |
| -41.25° | 57.1 | 56.9 | 56.8 | 56.6 | 56.4 | 56.2 | 55.9 | 55.5 | 55.1 | 54.7 | 54.1 |
| -42.5° | 56.7 | 56.6 | 56.4 | 56.3 | 55.9 | 55.6 | 55.2 | 54.9 | 54.4 | 53.8 | 53.2 |
| -43.75° | 56.4 | 56.2 | 55.9 | 55.6 | 55.3 | 54.9 | 54.6 | 54.0 | 53.5 | 52.9 | 52.3 |
| -45° | 55.8 | 55.5 | 55.2 | 54.9 | 54.6 | 54.1 | 53.6 | 53.1 | 52.6 | 52.0 | 51.5 |
| -46.25° | 55.0 | 54.8 | 54.4 | 54.0 | 53.6 | 53.1 | 52.6 | 52.1 | 51.6 | 51.1 | 50.6 |
| -47.5° | 54.1 | 53.8 | 53.4 | 53.0 | 52.5 | 52.1 | 51.7 | 51.2 | 50.7 | 50.3 | 49.7 |
| -48.75° | 53.1 | 52.7 | 52.3 | 52.0 | 51.6 | 51.2 | 50.7 | 50.3 | 49.8 | 49.1 | 48.4 |
| -50° | 52.0 | 51.7 | 51.3 | 51.0 | 50.6 | 50.2 | 49.7 | 49.1 | 48.5 | 47.9 | 47.2 |
| -51.25° | 50.9 | 50.6 | 50.3 | 49.9 | 49.4 | 48.9 | 48.4 | 47.8 | 47.2 | 46.6 | 45.8 |
| -52.5° | 49.9 | 49.4 | 49.0 | 48.5 | 48.1 | 47.6 | 47.0 | 46.4 | 45.7 | 45.0 | 44.2 |
| -53.75° | 48.4 | 48.0 | 47.6 | 47.1 | 46.6 | 46.0 | 45.4 | 44.8 | 44.1 | 43.4 | 42.7 |
| -55° | 46.9 | 46.5 | 46.0 | 45.5 | 44.9 | 44.3 | 43.7 | 43.1 | 42.5 | 41.8 | 41.1 |
| -56.25° | 45.2 | 44.7 | 44.2 | 43.7 | 43.2 | 42.6 | 42.1 | 41.5 | 40.9 | 40.2 | 39.6 |
| -57.5° | 43.3 | 42.9 | 42.4 | 42.0 | 41.5 | 40.9 | 40.4 | 39.8 | 39.3 | 38.6 | 37.7 |
| -58.75° | 41.5 | 41.1 | 40.7 | 40.2 | 39.8 | 39.3 | 38.7 | 37.9 | 37.1 | 36.3 | 35.4 |
| -60° | 39.7 | 39.3 | 38.9 | 38.3 | 37.7 | 37.0 | 36.3 | 35.5 | 34.8 | 34.0 | 33.2 |
| -61.25° | 37.5 | 37.0 | 36.4 | 35.8 | 35.2 | 34.5 | 33.9 | 33.2 | 32.5 | 31.7 | 31.0 |
| -62.5° | 34.9 | 34.4 | 33.9 | 33.3 | 32.7 | 32.1 | 31.5 | 30.8 | 30.2 | 29.5 | 28.7 |
| -63.75° | 32.3 | 31.9 | 31.4 | 30.8 | 30.3 | 29.7 | 29.1 | 28.5 | 27.8 | 27.3 | 26.7 |
| -65° | 29.8 | 29.3 | 28.9 | 28.4 | 27.8 | 27.4 | 26.9 | 26.4 | 25.8 | 25.3 | 24.7 |
| -66.25° | 27.3 | 26.9 | 26.5 | 26.1 | 25.7 | 25.3 | 24.8 | 24.3 | 23.8 | 23.3 | 22.8 |
| -67.5° | 25.1 | 24.7 | 24.4 | 24.0 | 23.6 | 23.1 | 22.7 | 22.4 | 22.0 | 21.6 | 21.1 |
| -68.75° | 22.9 | 22.6 | 22.3 | 22.0 | 21.7 | 21.4 | 21.0 | 20.6 | 20.3 | 19.9 | 19.5 |
| -70° | 21.0 | 20.7 | 20.5 | 20.2 | 19.9 | 19.6 | 19.3 | 18.9 | 18.7 | 18.4 | 18.1 |
| -71.25° | 19.1 | 18.9 | 18.7 | 18.5 | 18.3 | 18.1 | 17.8 | 17.6 | 17.3 | 17.1 | 16.8 |
| -72.5° | 17.7 | 17.5 | 17.3 | 17.1 | 16.9 | 16.7 | 16.5 | 16.3 | 16.0 | 15.8 | 15.7 |
| -73.75° | 16.2 | 16.0 | 15.9 | 15.8 | 15.7 | 15.6 | 15.5 | 15.4 | 15.3 | 15.2 | 15.0 |
| -75° | 15.3 | 15.2 | 15.2 | 15.1 | 15.0 | 14.9 | 14.8 | 14.7 | 14.6 | 14.5 | 14.4 |
| -76.25° | 14.6 | 14.5 | 14.4 | 14.3 | 14.2 | 14.1 | 14.0 | 13.8 | 13.7 | 13.6 | 13.4 |
| -77.5° | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.0 | 12.9 | 12.8 | 12.7 | 12.5 | 12.4 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 12.4 | 12.4 | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.7 | 11.6 | 11.4 | 11.2 |
| -80° | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.4 | 10.3 | 10.2 | 10.0 | 9.9 |
| -81.25° | 9.6 | 9.5 | 9.4 | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.7 | 8.5 |
| -82.5° | 8.1 | 8.1 | 8.0 | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 |
| -83.75° | 6.7 | 6.6 | 6.6 | 6.5 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 6.0 | 5.9 |
| -85° | 5.2 | 5.2 | 5.1 | 5.1 | 5.0 | 4.9 | 4.9 | 4.8 | 4.7 | 4.7 | 4.6 |
| -86.25° | 3.7 | 3.7 | 3.6 | 3.6 | 3.5 | 3.5 | 3.5 | 3.4 | 3.4 | 3.3 | 3.2 |
| -87.5° | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 | 2.1 | 2.1 | 2.0 |
| -88.75° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 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: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|--------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.8 |
| 87.5° | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 |
| 86.25° | 3.2 | 3.1 | 3.1 | 3.0 | 2.9 | 2.9 | 2.8 | 2.7 | 2.7 | 2.6 | 2.5 |
| 85° | 4.5 | 4.4 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.7 | 3.6 |
| 83.75° | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 5.0 | 4.9 | 4.7 |
| 82.5° | 7.1 | 7.0 | 6.9 | 6.8 | 6.6 | 6.5 | 6.4 | 6.2 | 6.1 | 6.0 | 5.8 |
| 81.25° | 8.4 | 8.3 | 8.1 | 8.0 | 7.8 | 7.7 | 7.5 | 7.4 | 7.2 | 7.1 | 6.9 |
| 80° | 9.7 | 9.6 | 9.4 | 9.2 | 9.1 | 8.9 | 8.7 | 8.5 | 8.3 | 8.1 | 8.0 |
| 78.75° | 11.0 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.9 | 9.7 | 9.5 | 9.2 | 9.0 |
| 77.5° | 12.3 | 12.1 | 12.0 | 11.8 | 11.5 | 11.3 | 11.1 | 10.9 | 10.6 | 10.4 | 10.1 |
| 76.25° | 13.2 | 13.1 | 12.9 | 12.7 | 12.6 | 12.4 | 12.2 | 12.0 | 11.8 | 11.5 | 11.2 |
| 75° | 14.2 | 14.1 | 13.9 | 13.7 | 13.5 | 13.3 | 13.1 | 12.9 | 12.6 | 12.4 | 12.2 |
| 73.75° | 14.9 | 14.8 | 14.6 | 14.5 | 14.4 | 14.2 | 14.0 | 13.7 | 13.5 | 13.3 | 13.0 |
| 72.5° | 15.6 | 15.4 | 15.3 | 15.1 | 15.0 | 14.8 | 14.7 | 14.5 | 14.3 | 14.1 | 13.8 |
| 71.25° | 16.5 | 16.2 | 15.9 | 15.8 | 15.6 | 15.4 | 15.3 | 15.1 | 14.9 | 14.7 | 14.5 |
| 70° | 17.8 | 17.5 | 17.2 | 16.8 | 16.5 | 16.1 | 15.8 | 15.6 | 15.5 | 15.3 | 15.1 |
| 68.75° | 19.1 | 18.7 | 18.4 | 18.0 | 17.7 | 17.3 | 16.9 | 16.5 | 16.1 | 15.8 | 15.6 |
| 67.5° | 20.7 | 20.2 | 19.8 | 19.3 | 18.8 | 18.4 | 18.0 | 17.6 | 17.2 | 16.8 | 16.3 |
| 66.25° | 22.3 | 21.8 | 21.3 | 20.8 | 20.3 | 19.8 | 19.2 | 18.7 | 18.3 | 17.8 | 17.4 |
| 65° | 24.1 | 23.5 | 22.9 | 22.3 | 21.8 | 21.2 | 20.6 | 20.0 | 19.4 | 18.9 | 18.4 |
| 63.75° | 26.0 | 25.4 | 24.7 | 24.0 | 23.3 | 22.7 | 22.1 | 21.5 | 20.8 | 20.2 | 19.5 |
| 62.5° | 28.0 | 27.3 | 26.6 | 25.9 | 25.1 | 24.4 | 23.6 | 22.8 | 22.2 | 21.5 | 20.8 |
| 61.25° | 30.2 | 29.3 | 28.5 | 27.7 | 26.9 | 26.1 | 25.3 | 24.5 | 23.6 | 22.8 | 22.1 |
| 60° | 32.3 | 31.5 | 30.6 | 29.7 | 28.8 | 27.8 | 27.0 | 26.1 | 25.3 | 24.4 | 23.4 |
| 58.75° | 34.5 | 33.6 | 32.7 | 31.8 | 30.8 | 29.8 | 28.8 | 27.8 | 26.9 | 25.9 | 25.0 |
| 57.5° | 36.7 | 35.8 | 34.8 | 33.8 | 32.8 | 31.8 | 30.7 | 29.6 | 28.5 | 27.5 | 26.5 |
| 56.25° | 38.9 | 37.9 | 36.9 | 35.9 | 34.8 | 33.7 | 32.6 | 31.5 | 30.4 | 29.2 | 28.0 |
| 55° | 40.4 | 39.7 | 39.0 | 37.9 | 36.8 | 35.7 | 34.5 | 33.3 | 32.1 | 30.9 | 29.7 |
| 53.75° | 41.9 | 41.2 | 40.4 | 39.6 | 38.8 | 37.6 | 36.4 | 35.2 | 33.9 | 32.7 | 31.4 |
| 52.5° | 43.5 | 42.7 | 41.9 | 41.1 | 40.2 | 39.4 | 38.3 | 37.0 | 35.7 | 34.4 | 33.1 |
| 51.25° | 45.0 | 44.2 | 43.3 | 42.4 | 41.6 | 40.7 | 39.8 | 38.9 | 37.5 | 36.1 | 34.8 |
| 50° | 46.5 | 45.6 | 44.8 | 43.9 | 42.9 | 42.0 | 41.1 | 40.1 | 39.2 | 37.9 | 36.4 |
| 48.75° | 47.8 | 47.0 | 46.2 | 45.3 | 44.3 | 43.3 | 42.4 | 41.4 | 40.4 | 39.4 | 38.1 |
| 47.5° | 48.9 | 48.2 | 47.5 | 46.7 | 45.7 | 44.7 | 43.6 | 42.6 | 41.6 | 40.5 | 39.4 |
| 46.25° | 50.1 | 49.4 | 48.6 | 47.8 | 47.0 | 46.0 | 44.9 | 43.8 | 42.8 | 41.7 | 40.6 |
| 45° | 50.9 | 50.4 | 49.7 | 48.9 | 48.0 | 47.2 | 46.2 | 45.1 | 43.9 | 42.8 | 41.7 |
| 43.75° | 51.8 | 51.2 | 50.6 | 50.0 | 49.1 | 48.2 | 47.3 | 46.3 | 45.1 | 43.9 | 42.8 |
| 42.5° | 52.6 | 52.0 | 51.4 | 50.7 | 50.1 | 49.2 | 48.3 | 47.3 | 46.3 | 45.1 | 43.8 |
| 41.25° | 53.4 | 52.8 | 52.1 | 51.5 | 50.8 | 50.2 | 49.3 | 48.3 | 47.3 | 46.2 | 44.9 |
| 40° | 54.3 | 53.6 | 52.9 | 52.2 | 51.6 | 50.9 | 50.2 | 49.2 | 48.2 | 47.2 | 46.0 |
| 38.75° | 55.0 | 54.4 | 53.7 | 53.0 | 52.3 | 51.6 | 50.8 | 50.1 | 49.1 | 48.0 | 47.0 |
| 37.5° | 55.5 | 55.0 | 54.5 | 53.7 | 53.0 | 52.2 | 51.5 | 50.7 | 50.0 | 48.9 | 47.8 |
| 36.25° | 56.0 | 55.6 | 55.1 | 54.5 | 53.7 | 52.9 | 52.1 | 51.4 | 50.6 | 49.7 | 48.6 |
| 35° | 56.4 | 56.1 | 55.6 | 55.0 | 54.4 | 53.6 | 52.8 | 52.0 | 51.2 | 50.4 | 49.4 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 56.7 | 56.4 | 56.0 | 55.5 | 55.0 | 54.3 | 53.4 | 52.6 | 51.8 | 50.9 | 50.1 |
| 32.5° | 56.9 | 56.7 | 56.4 | 56.0 | 55.4 | 54.9 | 54.1 | 53.2 | 52.3 | 51.5 | 50.6 |
| 31.25° | 57.3 | 56.9 | 56.6 | 56.4 | 55.9 | 55.3 | 54.7 | 53.8 | 52.9 | 52.0 | 51.1 |
| 30° | 57.8 | 57.2 | 56.9 | 56.6 | 56.3 | 55.7 | 55.1 | 54.4 | 53.5 | 52.6 | 51.6 |
| 28.75° | 58.3 | 57.7 | 57.1 | 56.8 | 56.5 | 56.1 | 55.5 | 54.9 | 54.0 | 53.1 | 52.1 |
| 27.5° | 58.7 | 58.1 | 57.5 | 57.0 | 56.7 | 56.4 | 55.9 | 55.2 | 54.6 | 53.6 | 52.6 |
| 26.25° | 59.4 | 58.6 | 57.9 | 57.3 | 56.9 | 56.6 | 56.2 | 55.6 | 54.9 | 54.1 | 53.1 |
| 25° | 60.0 | 59.1 | 58.4 | 57.7 | 57.1 | 56.8 | 56.4 | 55.9 | 55.3 | 54.6 | 53.6 |
| 23.75° | 60.7 | 59.7 | 58.8 | 58.1 | 57.5 | 56.9 | 56.6 | 56.3 | 55.6 | 54.9 | 54.0 |
| 22.5° | 61.5 | 60.3 | 59.3 | 58.5 | 57.8 | 57.1 | 56.8 | 56.4 | 55.9 | 55.2 | 54.4 |
| 21.25° | 62.9 | 60.9 | 59.9 | 58.9 | 58.1 | 57.5 | 56.9 | 56.6 | 56.2 | 55.5 | 54.8 |
| 20° | 64.1 | 61.8 | 60.4 | 59.4 | 58.5 | 57.8 | 57.1 | 56.7 | 56.4 | 55.8 | 55.0 |
| 18.75° | 65.4 | 63.0 | 60.9 | 59.9 | 58.8 | 58.1 | 57.4 | 56.9 | 56.5 | 56.0 | 55.3 |
| 17.5° | 66.5 | 64.1 | 61.7 | 60.3 | 59.2 | 58.3 | 57.6 | 57.0 | 56.6 | 56.2 | 55.5 |
| 16.25° | 69.4 | 65.2 | 62.7 | 60.7 | 59.6 | 58.6 | 57.9 | 57.1 | 56.8 | 56.4 | 55.7 |
| 15° | 72.2 | 66.2 | 63.7 | 61.2 | 60.0 | 58.9 | 58.1 | 57.4 | 56.9 | 56.5 | 55.9 |
| 13.75° | 74.9 | 67.9 | 64.5 | 62.0 | 60.4 | 59.3 | 58.3 | 57.6 | 57.0 | 56.6 | 56.1 |
| 12.5° | 77.3 | 70.3 | 65.4 | 62.8 | 60.7 | 59.6 | 58.5 | 57.8 | 57.1 | 56.7 | 56.3 |
| 11.25° | 79.5 | 72.4 | 66.1 | 63.5 | 61.0 | 59.9 | 58.7 | 57.9 | 57.2 | 56.8 | 56.4 |
| 10° | 81.5 | 74.3 | 67.1 | 64.1 | 61.5 | 60.1 | 59.0 | 58.1 | 57.3 | 56.8 | 56.4 |
| 8.75° | 84.9 | 76.0 | 68.7 | 64.7 | 62.0 | 60.3 | 59.2 | 58.2 | 57.5 | 56.9 | 56.5 |
| 7.5° | 88.0 | 77.5 | 70.1 | 65.2 | 62.5 | 60.5 | 59.4 | 58.4 | 57.6 | 56.9 | 56.6 |
| 6.25° | 90.7 | 78.8 | 71.4 | 65.6 | 62.9 | 60.7 | 59.5 | 58.5 | 57.7 | 57.0 | 56.6 |
| 5° | 92.8 | 79.8 | 72.4 | 66.0 | 63.3 | 60.9 | 59.7 | 58.5 | 57.8 | 57.0 | 56.6 |
| 3.75° | 94.5 | 80.6 | 73.1 | 66.2 | 63.5 | 61.0 | 59.8 | 58.6 | 57.8 | 57.1 | 56.7 |
| 2.5° | 95.8 | 81.2 | 73.7 | 66.4 | 63.7 | 61.0 | 59.8 | 58.7 | 57.9 | 57.1 | 56.7 |
| 1.25° | 96.5 | 81.6 | 74.0 | 66.6 | 63.8 | 61.1 | 59.9 | 58.7 | 57.9 | 57.1 | 56.7 |
| 0° | 96.8 | 81.7 | 74.2 | 66.6 | 63.9 | 61.1 | 59.9 | 58.7 | 57.9 | 57.1 | 56.7 |
| -1.25° | 96.5 | 81.6 | 74.0 | 66.6 | 63.8 | 61.1 | 59.9 | 58.7 | 57.9 | 57.1 | 56.7 |
| -2.5° | 95.8 | 81.2 | 73.7 | 66.4 | 63.7 | 61.0 | 59.8 | 58.7 | 57.9 | 57.1 | 56.7 |
| -3.75° | 94.5 | 80.6 | 73.1 | 66.2 | 63.5 | 61.0 | 59.8 | 58.6 | 57.8 | 57.1 | 56.7 |
| -5° | 92.8 | 79.8 | 72.4 | 66.0 | 63.3 | 60.9 | 59.7 | 58.5 | 57.8 | 57.0 | 56.6 |
| -6.25° | 90.7 | 78.8 | 71.4 | 65.6 | 62.9 | 60.7 | 59.5 | 58.5 | 57.7 | 57.0 | 56.6 |
| -7.5° | 88.0 | 77.5 | 70.1 | 65.2 | 62.5 | 60.5 | 59.4 | 58.4 | 57.6 | 56.9 | 56.6 |
| -8.75° | 84.9 | 76.0 | 68.7 | 64.7 | 62.0 | 60.3 | 59.2 | 58.2 | 57.5 | 56.9 | 56.5 |
| -10° | 81.5 | 74.3 | 67.1 | 64.1 | 61.5 | 60.1 | 59.0 | 58.1 | 57.3 | 56.8 | 56.4 |
| -11.25° | 79.5 | 72.4 | 66.1 | 63.5 | 61.0 | 59.9 | 58.7 | 57.9 | 57.2 | 56.8 | 56.4 |
| -12.5° | 77.3 | 70.3 | 65.4 | 62.8 | 60.7 | 59.6 | 58.5 | 57.8 | 57.1 | 56.7 | 56.3 |
| -13.75° | 74.9 | 67.9 | 64.5 | 62.0 | 60.4 | 59.3 | 58.3 | 57.6 | 57.0 | 56.6 | 56.1 |
| -15° | 72.2 | 66.2 | 63.7 | 61.2 | 60.0 | 58.9 | 58.1 | 57.4 | 56.9 | 56.5 | 55.9 |
| -16.25° | 69.4 | 65.2 | 62.7 | 60.7 | 59.6 | 58.6 | 57.9 | 57.1 | 56.8 | 56.4 | 55.7 |
| -17.5° | 66.5 | 64.1 | 61.7 | 60.3 | 59.2 | 58.3 | 57.6 | 57.0 | 56.6 | 56.2 | 55.5 |
| -18.75° | 65.4 | 63.0 | 60.9 | 59.9 | 58.8 | 58.1 | 57.4 | 56.9 | 56.5 | 56.0 | 55.3 |
| -20° | 64.1 | 61.8 | 60.4 | 59.4 | 58.5 | 57.8 | 57.1 | 56.7 | 56.4 | 55.8 | 55.0 |
| -21.25° | 62.9 | 60.9 | 59.9 | 58.9 | 58.1 | 57.5 | 56.9 | 56.6 | 56.2 | 55.5 | 54.8 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 61.5 | 60.3 | 59.3 | 58.5 | 57.8 | 57.1 | 56.8 | 56.4 | 55.9 | 55.2 | 54.4 |
| -23.75° | 60.7 | 59.7 | 58.8 | 58.1 | 57.5 | 56.9 | 56.6 | 56.3 | 55.6 | 54.9 | 54.0 |
| -25° | 60.0 | 59.1 | 58.4 | 57.7 | 57.1 | 56.8 | 56.4 | 55.9 | 55.3 | 54.6 | 53.6 |
| -26.25° | 59.4 | 58.6 | 57.9 | 57.3 | 56.9 | 56.6 | 56.2 | 55.6 | 54.9 | 54.1 | 53.1 |
| -27.5° | 58.7 | 58.1 | 57.5 | 57.0 | 56.7 | 56.4 | 55.9 | 55.2 | 54.6 | 53.6 | 52.6 |
| -28.75° | 58.3 | 57.7 | 57.1 | 56.8 | 56.5 | 56.1 | 55.5 | 54.9 | 54.0 | 53.1 | 52.1 |
| -30° | 57.8 | 57.2 | 56.9 | 56.6 | 56.3 | 55.7 | 55.1 | 54.4 | 53.5 | 52.6 | 51.6 |
| -31.25° | 57.3 | 56.9 | 56.6 | 56.4 | 55.9 | 55.3 | 54.7 | 53.8 | 52.9 | 52.0 | 51.1 |
| -32.5° | 56.9 | 56.7 | 56.4 | 56.0 | 55.4 | 54.9 | 54.1 | 53.2 | 52.3 | 51.5 | 50.6 |
| -33.75° | 56.7 | 56.4 | 56.0 | 55.5 | 55.0 | 54.3 | 53.4 | 52.6 | 51.8 | 50.9 | 50.1 |
| -35° | 56.4 | 56.1 | 55.6 | 55.0 | 54.4 | 53.6 | 52.8 | 52.0 | 51.2 | 50.4 | 49.4 |
| -36.25° | 56.0 | 55.6 | 55.1 | 54.5 | 53.7 | 52.9 | 52.1 | 51.4 | 50.6 | 49.7 | 48.6 |
| -37.5° | 55.5 | 55.0 | 54.5 | 53.7 | 53.0 | 52.2 | 51.5 | 50.7 | 50.0 | 48.9 | 47.8 |
| -38.75° | 55.0 | 54.4 | 53.7 | 53.0 | 52.3 | 51.6 | 50.8 | 50.1 | 49.1 | 48.0 | 47.0 |
| -40° | 54.3 | 53.6 | 52.9 | 52.2 | 51.6 | 50.9 | 50.2 | 49.2 | 48.2 | 47.2 | 46.0 |
| -41.25° | 53.4 | 52.8 | 52.1 | 51.5 | 50.8 | 50.2 | 49.3 | 48.3 | 47.3 | 46.2 | 44.9 |
| -42.5° | 52.6 | 52.0 | 51.4 | 50.7 | 50.1 | 49.2 | 48.3 | 47.3 | 46.3 | 45.1 | 43.8 |
| -43.75° | 51.8 | 51.2 | 50.6 | 50.0 | 49.1 | 48.2 | 47.3 | 46.3 | 45.1 | 43.9 | 42.8 |
| -45° | 50.9 | 50.4 | 49.7 | 48.9 | 48.0 | 47.2 | 46.2 | 45.1 | 43.9 | 42.8 | 41.7 |
| -46.25° | 50.1 | 49.4 | 48.6 | 47.8 | 47.0 | 46.0 | 44.9 | 43.8 | 42.8 | 41.7 | 40.6 |
| -47.5° | 48.9 | 48.2 | 47.5 | 46.7 | 45.7 | 44.7 | 43.6 | 42.6 | 41.6 | 40.5 | 39.4 |
| -48.75° | 47.8 | 47.0 | 46.2 | 45.3 | 44.3 | 43.3 | 42.4 | 41.4 | 40.4 | 39.4 | 38.1 |
| -50° | 46.5 | 45.6 | 44.8 | 43.9 | 42.9 | 42.0 | 41.1 | 40.1 | 39.2 | 37.9 | 36.4 |
| -51.25° | 45.0 | 44.2 | 43.3 | 42.4 | 41.6 | 40.7 | 39.8 | 38.9 | 37.5 | 36.1 | 34.8 |
| -52.5° | 43.5 | 42.7 | 41.9 | 41.1 | 40.2 | 39.4 | 38.3 | 37.0 | 35.7 | 34.4 | 33.1 |
| -53.75° | 41.9 | 41.2 | 40.4 | 39.6 | 38.8 | 37.6 | 36.4 | 35.2 | 33.9 | 32.7 | 31.4 |
| -55° | 40.4 | 39.7 | 39.0 | 37.9 | 36.8 | 35.7 | 34.5 | 33.3 | 32.1 | 30.9 | 29.7 |
| -56.25° | 38.9 | 37.9 | 36.9 | 35.9 | 34.8 | 33.7 | 32.6 | 31.5 | 30.4 | 29.2 | 28.0 |
| -57.5° | 36.7 | 35.8 | 34.8 | 33.8 | 32.8 | 31.8 | 30.7 | 29.6 | 28.5 | 27.5 | 26.5 |
| -58.75° | 34.5 | 33.6 | 32.7 | 31.8 | 30.8 | 29.8 | 28.8 | 27.8 | 26.9 | 25.9 | 25.0 |
| -60° | 32.3 | 31.5 | 30.6 | 29.7 | 28.8 | 27.8 | 27.0 | 26.1 | 25.3 | 24.4 | 23.4 |
| -61.25° | 30.2 | 29.3 | 28.5 | 27.7 | 26.9 | 26.1 | 25.3 | 24.5 | 23.6 | 22.8 | 22.1 |
| -62.5° | 28.0 | 27.3 | 26.6 | 25.9 | 25.1 | 24.4 | 23.6 | 22.8 | 22.2 | 21.5 | 20.8 |
| -63.75° | 26.0 | 25.4 | 24.7 | 24.0 | 23.3 | 22.7 | 22.1 | 21.5 | 20.8 | 20.2 | 19.5 |
| -65° | 24.1 | 23.5 | 22.9 | 22.3 | 21.8 | 21.2 | 20.6 | 20.0 | 19.4 | 18.9 | 18.4 |
| -66.25° | 22.3 | 21.8 | 21.3 | 20.8 | 20.3 | 19.8 | 19.2 | 18.7 | 18.3 | 17.8 | 17.4 |
| -67.5° | 20.7 | 20.2 | 19.8 | 19.3 | 18.8 | 18.4 | 18.0 | 17.6 | 17.2 | 16.8 | 16.3 |
| -68.75° | 19.1 | 18.7 | 18.4 | 18.0 | 17.7 | 17.3 | 16.9 | 16.5 | 16.1 | 15.8 | 15.6 |
| -70° | 17.8 | 17.5 | 17.2 | 16.8 | 16.5 | 16.1 | 15.8 | 15.6 | 15.5 | 15.3 | 15.1 |
| -71.25° | 16.5 | 16.2 | 15.9 | 15.8 | 15.6 | 15.4 | 15.3 | 15.1 | 14.9 | 14.7 | 14.5 |
| -72.5° | 15.6 | 15.4 | 15.3 | 15.1 | 15.0 | 14.8 | 14.7 | 14.5 | 14.3 | 14.1 | 13.8 |
| -73.75° | 14.9 | 14.8 | 14.6 | 14.5 | 14.4 | 14.2 | 14.0 | 13.7 | 13.5 | 13.3 | 13.0 |
| -75° | 14.2 | 14.1 | 13.9 | 13.7 | 13.5 | 13.3 | 13.1 | 12.9 | 12.6 | 12.4 | 12.2 |
| -76.25° | 13.2 | 13.1 | 12.9 | 12.7 | 12.6 | 12.4 | 12.2 | 12.0 | 11.8 | 11.5 | 11.2 |
| -77.5° | 12.3 | 12.1 | 12.0 | 11.8 | 11.5 | 11.3 | 11.1 | 10.9 | 10.6 | 10.4 | 10.1 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 11.0 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.9 | 9.7 | 9.5 | 9.2 | 9.0 |
| -80° | 9.7 | 9.6 | 9.4 | 9.2 | 9.1 | 8.9 | 8.7 | 8.5 | 8.3 | 8.1 | 8.0 |
| -81.25° | 8.4 | 8.3 | 8.1 | 8.0 | 7.8 | 7.7 | 7.5 | 7.4 | 7.2 | 7.1 | 6.9 |
| -82.5° | 7.1 | 7.0 | 6.9 | 6.8 | 6.6 | 6.5 | 6.4 | 6.2 | 6.1 | 6.0 | 5.8 |
| -83.75° | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 5.0 | 4.9 | 4.7 |
| -85° | 4.5 | 4.4 | 4.4 | 4.3 | 4.2 | 4.1 | 4.0 | 3.9 | 3.8 | 3.7 | 3.6 |
| -86.25° | 3.2 | 3.1 | 3.1 | 3.0 | 2.9 | 2.9 | 2.8 | 2.7 | 2.7 | 2.6 | 2.5 |
| -87.5° | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 |
| -88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 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: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 |
| 87.5° | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 |
| 86.25° | 2.4 | 2.4 | 2.3 | 2.3 | 2.2 | 2.1 | 2.1 | 2.0 | 1.9 | 1.9 | 1.8 |
| 85° | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 | 3.0 | 2.9 | 2.8 | 2.6 | 2.5 | 2.4 |
| 83.75° | 4.6 | 4.5 | 4.3 | 4.2 | 4.1 | 3.9 | 3.8 | 3.6 | 3.5 | 3.3 | 3.2 |
| 82.5° | 5.7 | 5.5 | 5.4 | 5.2 | 5.0 | 4.9 | 4.7 | 4.5 | 4.3 | 4.2 | 4.0 |
| 81.25° | 6.7 | 6.5 | 6.4 | 6.2 | 6.0 | 5.8 | 5.6 | 5.4 | 5.2 | 5.0 | 4.8 |
| 80° | 7.8 | 7.6 | 7.3 | 7.1 | 6.9 | 6.7 | 6.5 | 6.3 | 6.0 | 5.8 | 5.6 |
| 78.75° | 8.8 | 8.6 | 8.3 | 8.1 | 7.9 | 7.6 | 7.4 | 7.1 | 6.9 | 6.6 | 6.3 |
| 77.5° | 9.9 | 9.6 | 9.3 | 9.1 | 8.8 | 8.5 | 8.2 | 8.0 | 7.7 | 7.4 | 7.1 |
| 76.25° | 10.9 | 10.6 | 10.3 | 10.1 | 9.7 | 9.4 | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 |
| 75° | 12.0 | 11.7 | 11.4 | 11.0 | 10.7 | 10.4 | 10.0 | 9.7 | 9.3 | 9.0 | 8.6 |
| 73.75° | 12.8 | 12.5 | 12.2 | 12.0 | 11.7 | 11.3 | 10.9 | 10.5 | 10.2 | 9.8 | 9.4 |
| 72.5° | 13.6 | 13.3 | 13.0 | 12.7 | 12.4 | 12.1 | 11.8 | 11.4 | 11.0 | 10.6 | 10.2 |
| 71.25° | 14.3 | 14.0 | 13.7 | 13.4 | 13.1 | 12.8 | 12.5 | 12.2 | 11.8 | 11.4 | 10.9 |
| 70° | 14.9 | 14.6 | 14.4 | 14.2 | 13.8 | 13.5 | 13.2 | 12.8 | 12.5 | 12.1 | 11.7 |
| 68.75° | 15.4 | 15.1 | 14.9 | 14.7 | 14.5 | 14.2 | 13.8 | 13.5 | 13.1 | 12.7 | 12.3 |
| 67.5° | 15.9 | 15.7 | 15.4 | 15.2 | 14.9 | 14.7 | 14.4 | 14.1 | 13.7 | 13.3 | 12.9 |
| 66.25° | 16.9 | 16.4 | 15.9 | 15.6 | 15.4 | 15.1 | 14.8 | 14.6 | 14.3 | 13.9 | 13.5 |
| 65° | 17.9 | 17.4 | 16.8 | 16.3 | 15.8 | 15.6 | 15.3 | 15.0 | 14.7 | 14.4 | 14.0 |
| 63.75° | 18.9 | 18.3 | 17.8 | 17.2 | 16.7 | 16.1 | 15.7 | 15.4 | 15.1 | 14.8 | 14.5 |
| 62.5° | 20.1 | 19.4 | 18.7 | 18.1 | 17.5 | 16.9 | 16.3 | 15.8 | 15.5 | 15.2 | 14.8 |
| 61.25° | 21.3 | 20.6 | 19.8 | 19.0 | 18.4 | 17.8 | 17.2 | 16.5 | 15.9 | 15.5 | 15.2 |
| 60° | 22.6 | 21.8 | 21.0 | 20.2 | 19.4 | 18.6 | 18.0 | 17.3 | 16.6 | 15.9 | 15.6 |
| 58.75° | 24.0 | 23.0 | 22.2 | 21.3 | 20.5 | 19.6 | 18.8 | 18.1 | 17.4 | 16.7 | 15.9 |
| 57.5° | 25.5 | 24.4 | 23.4 | 22.4 | 21.5 | 20.6 | 19.7 | 18.8 | 18.1 | 17.4 | 16.6 |
| 56.25° | 26.9 | 25.9 | 24.8 | 23.7 | 22.6 | 21.7 | 20.7 | 19.8 | 18.8 | 18.1 | 17.3 |
| 55° | 28.5 | 27.3 | 26.1 | 25.0 | 23.8 | 22.7 | 21.7 | 20.7 | 19.7 | 18.8 | 18.0 |
| 53.75° | 30.1 | 28.8 | 27.5 | 26.3 | 25.1 | 23.9 | 22.7 | 21.7 | 20.6 | 19.6 | 18.6 |
| 52.5° | 31.7 | 30.4 | 29.0 | 27.6 | 26.4 | 25.1 | 23.8 | 22.6 | 21.5 | 20.5 | 19.4 |
| 51.25° | 33.3 | 31.9 | 30.5 | 29.0 | 27.6 | 26.3 | 25.0 | 23.7 | 22.4 | 21.3 | 20.2 |
| 50° | 35.0 | 33.5 | 32.0 | 30.5 | 29.0 | 27.5 | 26.1 | 24.8 | 23.4 | 22.2 | 21.0 |
| 48.75° | 36.6 | 35.0 | 33.5 | 31.9 | 30.4 | 28.8 | 27.3 | 25.9 | 24.4 | 23.0 | 21.8 |
| 47.5° | 38.1 | 36.6 | 35.0 | 33.3 | 31.7 | 30.1 | 28.5 | 26.9 | 25.5 | 24.0 | 22.6 |
| 46.25° | 39.4 | 38.1 | 36.4 | 34.8 | 33.1 | 31.4 | 29.7 | 28.0 | 26.5 | 25.0 | 23.4 |
| 45° | 40.5 | 39.4 | 37.9 | 36.1 | 34.4 | 32.7 | 30.9 | 29.2 | 27.5 | 25.9 | 24.4 |
| 43.75° | 41.6 | 40.4 | 39.2 | 37.5 | 35.7 | 33.9 | 32.1 | 30.4 | 28.5 | 26.9 | 25.3 |
| 42.5° | 42.6 | 41.4 | 40.1 | 38.9 | 37.0 | 35.2 | 33.3 | 31.5 | 29.6 | 27.8 | 26.1 |
| 41.25° | 43.6 | 42.4 | 41.1 | 39.8 | 38.3 | 36.4 | 34.5 | 32.6 | 30.7 | 28.8 | 27.0 |
| 40° | 44.7 | 43.3 | 42.0 | 40.7 | 39.4 | 37.6 | 35.7 | 33.7 | 31.8 | 29.8 | 27.8 |
| 38.75° | 45.7 | 44.3 | 42.9 | 41.6 | 40.2 | 38.8 | 36.8 | 34.8 | 32.8 | 30.8 | 28.8 |
| 37.5° | 46.7 | 45.3 | 43.9 | 42.4 | 41.1 | 39.6 | 37.9 | 35.9 | 33.8 | 31.8 | 29.7 |
| 36.25° | 47.5 | 46.2 | 44.8 | 43.3 | 41.9 | 40.4 | 39.0 | 36.9 | 34.8 | 32.7 | 30.6 |
| 35° | 48.2 | 47.0 | 45.6 | 44.2 | 42.7 | 41.2 | 39.7 | 37.9 | 35.8 | 33.6 | 31.5 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 48.9 | 47.8 | 46.5 | 45.0 | 43.5 | 41.9 | 40.4 | 38.9 | 36.7 | 34.5 | 32.3 |
| 32.5° | 49.7 | 48.4 | 47.2 | 45.8 | 44.2 | 42.7 | 41.1 | 39.6 | 37.7 | 35.4 | 33.2 |
| 31.25° | 50.3 | 49.1 | 47.9 | 46.6 | 45.0 | 43.4 | 41.8 | 40.2 | 38.6 | 36.3 | 34.0 |
| 30° | 50.7 | 49.8 | 48.5 | 47.2 | 45.7 | 44.1 | 42.5 | 40.9 | 39.3 | 37.1 | 34.8 |
| 28.75° | 51.2 | 50.3 | 49.1 | 47.8 | 46.4 | 44.8 | 43.1 | 41.5 | 39.8 | 37.9 | 35.5 |
| 27.5° | 51.7 | 50.7 | 49.7 | 48.4 | 47.0 | 45.4 | 43.7 | 42.1 | 40.4 | 38.7 | 36.3 |
| 26.25° | 52.1 | 51.2 | 50.2 | 48.9 | 47.6 | 46.0 | 44.3 | 42.6 | 40.9 | 39.3 | 37.0 |
| 25° | 52.5 | 51.6 | 50.6 | 49.4 | 48.1 | 46.6 | 44.9 | 43.2 | 41.5 | 39.8 | 37.7 |
| 23.75° | 53.0 | 52.0 | 51.0 | 49.9 | 48.5 | 47.1 | 45.5 | 43.7 | 42.0 | 40.2 | 38.3 |
| 22.5° | 53.4 | 52.3 | 51.3 | 50.3 | 49.0 | 47.6 | 46.0 | 44.2 | 42.4 | 40.7 | 38.9 |
| 21.25° | 53.8 | 52.7 | 51.7 | 50.6 | 49.4 | 48.0 | 46.5 | 44.7 | 42.9 | 41.1 | 39.3 |
| 20° | 54.1 | 53.1 | 52.0 | 50.9 | 49.9 | 48.4 | 46.9 | 45.2 | 43.3 | 41.5 | 39.7 |
| 18.75° | 54.5 | 53.4 | 52.3 | 51.2 | 50.2 | 48.8 | 47.3 | 45.6 | 43.7 | 41.9 | 40.1 |
| 17.5° | 54.8 | 53.7 | 52.6 | 51.5 | 50.5 | 49.1 | 47.6 | 46.0 | 44.1 | 42.3 | 40.4 |
| 16.25° | 55.0 | 54.0 | 52.9 | 51.8 | 50.7 | 49.5 | 48.0 | 46.4 | 44.5 | 42.6 | 40.8 |
| 15° | 55.2 | 54.3 | 53.1 | 52.0 | 50.9 | 49.8 | 48.3 | 46.7 | 44.8 | 42.9 | 41.1 |
| 13.75° | 55.3 | 54.5 | 53.4 | 52.2 | 51.2 | 50.1 | 48.5 | 47.0 | 45.1 | 43.2 | 41.3 |
| 12.5° | 55.5 | 54.7 | 53.6 | 52.5 | 51.3 | 50.2 | 48.8 | 47.2 | 45.4 | 43.5 | 41.6 |
| 11.25° | 55.7 | 54.9 | 53.8 | 52.7 | 51.5 | 50.4 | 49.0 | 47.5 | 45.7 | 43.7 | 41.8 |
| 10° | 55.8 | 55.0 | 54.0 | 52.8 | 51.7 | 50.6 | 49.2 | 47.7 | 45.9 | 44.0 | 42.0 |
| 8.75° | 55.9 | 55.1 | 54.2 | 53.0 | 51.8 | 50.7 | 49.4 | 47.8 | 46.1 | 44.2 | 42.2 |
| 7.5° | 56.0 | 55.2 | 54.3 | 53.1 | 52.0 | 50.8 | 49.6 | 48.0 | 46.3 | 44.3 | 42.4 |
| 6.25° | 56.1 | 55.3 | 54.4 | 53.2 | 52.1 | 50.9 | 49.7 | 48.1 | 46.5 | 44.5 | 42.5 |
| 5° | 56.2 | 55.4 | 54.5 | 53.3 | 52.1 | 51.0 | 49.8 | 48.2 | 46.6 | 44.6 | 42.6 |
| 3.75° | 56.2 | 55.4 | 54.6 | 53.4 | 52.2 | 51.1 | 49.9 | 48.3 | 46.7 | 44.7 | 42.7 |
| 2.5° | 56.3 | 55.5 | 54.7 | 53.5 | 52.3 | 51.1 | 50.0 | 48.4 | 46.7 | 44.7 | 42.8 |
| 1.25° | 56.3 | 55.5 | 54.7 | 53.5 | 52.3 | 51.1 | 50.0 | 48.4 | 46.8 | 44.8 | 42.8 |
| 0° | 56.3 | 55.5 | 54.7 | 53.5 | 52.3 | 51.2 | 50.0 | 48.4 | 46.8 | 44.8 | 42.8 |
| -1.25° | 56.3 | 55.5 | 54.7 | 53.5 | 52.3 | 51.1 | 50.0 | 48.4 | 46.8 | 44.8 | 42.8 |
| -2.5° | 56.3 | 55.5 | 54.7 | 53.5 | 52.3 | 51.1 | 50.0 | 48.4 | 46.7 | 44.7 | 42.8 |
| -3.75° | 56.2 | 55.4 | 54.6 | 53.4 | 52.2 | 51.1 | 49.9 | 48.3 | 46.7 | 44.7 | 42.7 |
| -5° | 56.2 | 55.4 | 54.5 | 53.3 | 52.1 | 51.0 | 49.8 | 48.2 | 46.6 | 44.6 | 42.6 |
| -6.25° | 56.1 | 55.3 | 54.4 | 53.2 | 52.1 | 50.9 | 49.7 | 48.1 | 46.5 | 44.5 | 42.5 |
| -7.5° | 56.0 | 55.2 | 54.3 | 53.1 | 52.0 | 50.8 | 49.6 | 48.0 | 46.3 | 44.3 | 42.4 |
| -8.75° | 55.9 | 55.1 | 54.2 | 53.0 | 51.8 | 50.7 | 49.4 | 47.8 | 46.1 | 44.2 | 42.2 |
| -10° | 55.8 | 55.0 | 54.0 | 52.8 | 51.7 | 50.6 | 49.2 | 47.7 | 45.9 | 44.0 | 42.0 |
| -11.25° | 55.7 | 54.9 | 53.8 | 52.7 | 51.5 | 50.4 | 49.0 | 47.5 | 45.7 | 43.7 | 41.8 |
| -12.5° | 55.5 | 54.7 | 53.6 | 52.5 | 51.3 | 50.2 | 48.8 | 47.2 | 45.4 | 43.5 | 41.6 |
| -13.75° | 55.3 | 54.5 | 53.4 | 52.2 | 51.2 | 50.1 | 48.5 | 47.0 | 45.1 | 43.2 | 41.3 |
| -15° | 55.2 | 54.3 | 53.1 | 52.0 | 50.9 | 49.8 | 48.3 | 46.7 | 44.8 | 42.9 | 41.1 |
| -16.25° | 55.0 | 54.0 | 52.9 | 51.8 | 50.7 | 49.5 | 48.0 | 46.4 | 44.5 | 42.6 | 40.8 |
| -17.5° | 54.8 | 53.7 | 52.6 | 51.5 | 50.5 | 49.1 | 47.6 | 46.0 | 44.1 | 42.3 | 40.4 |
| -18.75° | 54.5 | 53.4 | 52.3 | 51.2 | 50.2 | 48.8 | 47.3 | 45.6 | 43.7 | 41.9 | 40.1 |
| -20° | 54.1 | 53.1 | 52.0 | 50.9 | 49.9 | 48.4 | 46.9 | 45.2 | 43.3 | 41.5 | 39.7 |
| -21.25° | 53.8 | 52.7 | 51.7 | 50.6 | 49.4 | 48.0 | 46.5 | 44.7 | 42.9 | 41.1 | 39.3 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 53.4 | 52.3 | 51.3 | 50.3 | 49.0 | 47.6 | 46.0 | 44.2 | 42.4 | 40.7 | 38.9 |
| -23.75° | 53.0 | 52.0 | 51.0 | 49.9 | 48.5 | 47.1 | 45.5 | 43.7 | 42.0 | 40.2 | 38.3 |
| -25° | 52.5 | 51.6 | 50.6 | 49.4 | 48.1 | 46.6 | 44.9 | 43.2 | 41.5 | 39.8 | 37.7 |
| -26.25° | 52.1 | 51.2 | 50.2 | 48.9 | 47.6 | 46.0 | 44.3 | 42.6 | 40.9 | 39.3 | 37.0 |
| -27.5° | 51.7 | 50.7 | 49.7 | 48.4 | 47.0 | 45.4 | 43.7 | 42.1 | 40.4 | 38.7 | 36.3 |
| -28.75° | 51.2 | 50.3 | 49.1 | 47.8 | 46.4 | 44.8 | 43.1 | 41.5 | 39.8 | 37.9 | 35.5 |
| -30° | 50.7 | 49.8 | 48.5 | 47.2 | 45.7 | 44.1 | 42.5 | 40.9 | 39.3 | 37.1 | 34.8 |
| -31.25° | 50.3 | 49.1 | 47.9 | 46.6 | 45.0 | 43.4 | 41.8 | 40.2 | 38.6 | 36.3 | 34.0 |
| -32.5° | 49.7 | 48.4 | 47.2 | 45.8 | 44.2 | 42.7 | 41.1 | 39.6 | 37.7 | 35.4 | 33.2 |
| -33.75° | 48.9 | 47.8 | 46.5 | 45.0 | 43.5 | 41.9 | 40.4 | 38.9 | 36.7 | 34.5 | 32.3 |
| -35° | 48.2 | 47.0 | 45.6 | 44.2 | 42.7 | 41.2 | 39.7 | 37.9 | 35.8 | 33.6 | 31.5 |
| -36.25° | 47.5 | 46.2 | 44.8 | 43.3 | 41.9 | 40.4 | 39.0 | 36.9 | 34.8 | 32.7 | 30.6 |
| -37.5° | 46.7 | 45.3 | 43.9 | 42.4 | 41.1 | 39.6 | 37.9 | 35.9 | 33.8 | 31.8 | 29.7 |
| -38.75° | 45.7 | 44.3 | 42.9 | 41.6 | 40.2 | 38.8 | 36.8 | 34.8 | 32.8 | 30.8 | 28.8 |
| -40° | 44.7 | 43.3 | 42.0 | 40.7 | 39.4 | 37.6 | 35.7 | 33.7 | 31.8 | 29.8 | 27.8 |
| -41.25° | 43.6 | 42.4 | 41.1 | 39.8 | 38.3 | 36.4 | 34.5 | 32.6 | 30.7 | 28.8 | 27.0 |
| -42.5° | 42.6 | 41.4 | 40.1 | 38.9 | 37.0 | 35.2 | 33.3 | 31.5 | 29.6 | 27.8 | 26.1 |
| -43.75° | 41.6 | 40.4 | 39.2 | 37.5 | 35.7 | 33.9 | 32.1 | 30.4 | 28.5 | 26.9 | 25.3 |
| -45° | 40.5 | 39.4 | 37.9 | 36.1 | 34.4 | 32.7 | 30.9 | 29.2 | 27.5 | 25.9 | 24.4 |
| -46.25° | 39.4 | 38.1 | 36.4 | 34.8 | 33.1 | 31.4 | 29.7 | 28.0 | 26.5 | 25.0 | 23.4 |
| -47.5° | 38.1 | 36.6 | 35.0 | 33.3 | 31.7 | 30.1 | 28.5 | 26.9 | 25.5 | 24.0 | 22.6 |
| -48.75° | 36.6 | 35.0 | 33.5 | 31.9 | 30.4 | 28.8 | 27.3 | 25.9 | 24.4 | 23.0 | 21.8 |
| -50° | 35.0 | 33.5 | 32.0 | 30.5 | 29.0 | 27.5 | 26.1 | 24.8 | 23.4 | 22.2 | 21.0 |
| -51.25° | 33.3 | 31.9 | 30.5 | 29.0 | 27.6 | 26.3 | 25.0 | 23.7 | 22.4 | 21.3 | 20.2 |
| -52.5° | 31.7 | 30.4 | 29.0 | 27.6 | 26.4 | 25.1 | 23.8 | 22.6 | 21.5 | 20.5 | 19.4 |
| -53.75° | 30.1 | 28.8 | 27.5 | 26.3 | 25.1 | 23.9 | 22.7 | 21.7 | 20.6 | 19.6 | 18.6 |
| -55° | 28.5 | 27.3 | 26.1 | 25.0 | 23.8 | 22.7 | 21.7 | 20.7 | 19.7 | 18.8 | 18.0 |
| -56.25° | 26.9 | 25.9 | 24.8 | 23.7 | 22.6 | 21.7 | 20.7 | 19.8 | 18.8 | 18.1 | 17.3 |
| -57.5° | 25.5 | 24.4 | 23.4 | 22.4 | 21.5 | 20.6 | 19.7 | 18.8 | 18.1 | 17.4 | 16.6 |
| -58.75° | 24.0 | 23.0 | 22.2 | 21.3 | 20.5 | 19.6 | 18.8 | 18.1 | 17.4 | 16.7 | 15.9 |
| -60° | 22.6 | 21.8 | 21.0 | 20.2 | 19.4 | 18.6 | 18.0 | 17.3 | 16.6 | 15.9 | 15.6 |
| -61.25° | 21.3 | 20.6 | 19.8 | 19.0 | 18.4 | 17.8 | 17.2 | 16.5 | 15.9 | 15.5 | 15.2 |
| -62.5° | 20.1 | 19.4 | 18.7 | 18.1 | 17.5 | 16.9 | 16.3 | 15.8 | 15.5 | 15.2 | 14.8 |
| -63.75° | 18.9 | 18.3 | 17.8 | 17.2 | 16.7 | 16.1 | 15.7 | 15.4 | 15.1 | 14.8 | 14.5 |
| -65° | 17.9 | 17.4 | 16.8 | 16.3 | 15.8 | 15.6 | 15.3 | 15.0 | 14.7 | 14.4 | 14.0 |
| -66.25° | 16.9 | 16.4 | 15.9 | 15.6 | 15.4 | 15.1 | 14.8 | 14.6 | 14.3 | 13.9 | 13.5 |
| -67.5° | 15.9 | 15.7 | 15.4 | 15.2 | 14.9 | 14.7 | 14.4 | 14.1 | 13.7 | 13.3 | 12.9 |
| -68.75° | 15.4 | 15.1 | 14.9 | 14.7 | 14.5 | 14.2 | 13.8 | 13.5 | 13.1 | 12.7 | 12.3 |
| -70° | 14.9 | 14.6 | 14.4 | 14.2 | 13.8 | 13.5 | 13.2 | 12.8 | 12.5 | 12.1 | 11.7 |
| -71.25° | 14.3 | 14.0 | 13.7 | 13.4 | 13.1 | 12.8 | 12.5 | 12.2 | 11.8 | 11.4 | 10.9 |
| -72.5° | 13.6 | 13.3 | 13.0 | 12.7 | 12.4 | 12.1 | 11.8 | 11.4 | 11.0 | 10.6 | 10.2 |
| -73.75° | 12.8 | 12.5 | 12.2 | 12.0 | 11.7 | 11.3 | 10.9 | 10.5 | 10.2 | 9.8 | 9.4 |
| -75° | 12.0 | 11.7 | 11.4 | 11.0 | 10.7 | 10.4 | 10.0 | 9.7 | 9.3 | 9.0 | 8.6 |
| -76.25° | 10.9 | 10.6 | 10.3 | 10.1 | 9.7 | 9.4 | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 |
| -77.5° | 9.9 | 9.6 | 9.3 | 9.1 | 8.8 | 8.5 | 8.2 | 8.0 | 7.7 | 7.4 | 7.1 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 8.8 | 8.6 | 8.3 | 8.1 | 7.9 | 7.6 | 7.4 | 7.1 | 6.9 | 6.6 | 6.3 |
| -80° | 7.8 | 7.6 | 7.3 | 7.1 | 6.9 | 6.7 | 6.5 | 6.3 | 6.0 | 5.8 | 5.6 |
| -81.25° | 6.7 | 6.5 | 6.4 | 6.2 | 6.0 | 5.8 | 5.6 | 5.4 | 5.2 | 5.0 | 4.8 |
| -82.5° | 5.7 | 5.5 | 5.4 | 5.2 | 5.0 | 4.9 | 4.7 | 4.5 | 4.3 | 4.2 | 4.0 |
| -83.75° | 4.6 | 4.5 | 4.3 | 4.2 | 4.1 | 3.9 | 3.8 | 3.6 | 3.5 | 3.3 | 3.2 |
| -85° | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 | 3.0 | 2.9 | 2.8 | 2.6 | 2.5 | 2.4 |
| -86.25° | 2.4 | 2.4 | 2.3 | 2.3 | 2.2 | 2.1 | 2.1 | 2.0 | 1.9 | 1.9 | 1.8 |
| -87.5° | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 |
| -88.75° | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 |
| 87.5° | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 |
| 86.25° | 1.7 | 1.7 | 1.6 | 1.5 | 1.4 | 1.4 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 |
| 85° | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 |
| 83.75° | 3.0 | 2.9 | 2.7 | 2.6 | 2.4 | 2.3 | 2.2 | 2.0 | 1.9 | 1.8 | 1.7 |
| 82.5° | 3.8 | 3.6 | 3.4 | 3.2 | 3.1 | 2.9 | 2.7 | 2.5 | 2.3 | 2.2 | 2.0 |
| 81.25° | 4.6 | 4.4 | 4.1 | 3.9 | 3.7 | 3.5 | 3.2 | 3.0 | 2.8 | 2.6 | 2.3 |
| 80° | 5.3 | 5.1 | 4.8 | 4.6 | 4.3 | 4.1 | 3.8 | 3.6 | 3.3 | 3.0 | 2.8 |
| 78.75° | 6.1 | 5.8 | 5.5 | 5.3 | 5.0 | 4.7 | 4.4 | 4.1 | 3.8 | 3.5 | 3.2 |
| 77.5° | 6.8 | 6.5 | 6.2 | 5.9 | 5.6 | 5.3 | 5.0 | 4.6 | 4.3 | 4.0 | 3.6 |
| 76.25° | 7.5 | 7.2 | 6.9 | 6.5 | 6.2 | 5.9 | 5.5 | 5.2 | 4.8 | 4.4 | 4.1 |
| 75° | 8.3 | 7.9 | 7.6 | 7.2 | 6.8 | 6.4 | 6.1 | 5.7 | 5.3 | 4.9 | 4.5 |
| 73.75° | 9.0 | 8.6 | 8.2 | 7.8 | 7.4 | 7.0 | 6.6 | 6.2 | 5.8 | 5.4 | 4.9 |
| 72.5° | 9.7 | 9.3 | 8.9 | 8.5 | 8.0 | 7.6 | 7.2 | 6.7 | 6.3 | 5.8 | 5.4 |
| 71.25° | 10.5 | 10.0 | 9.6 | 9.1 | 8.6 | 8.2 | 7.7 | 7.2 | 6.8 | 6.3 | 5.8 |
| 70° | 11.2 | 10.7 | 10.2 | 9.7 | 9.2 | 8.7 | 8.2 | 7.7 | 7.2 | 6.7 | 6.2 |
| 68.75° | 11.9 | 11.4 | 10.9 | 10.4 | 9.8 | 9.3 | 8.8 | 8.2 | 7.7 | 7.2 | 6.6 |
| 67.5° | 12.5 | 12.1 | 11.6 | 11.0 | 10.4 | 9.9 | 9.3 | 8.7 | 8.2 | 7.6 | 7.0 |
| 66.25° | 13.0 | 12.6 | 12.2 | 11.6 | 11.0 | 10.4 | 9.8 | 9.2 | 8.6 | 8.0 | 7.4 |
| 65° | 13.6 | 13.1 | 12.6 | 12.2 | 11.6 | 11.0 | 10.4 | 9.7 | 9.1 | 8.5 | 7.8 |
| 63.75° | 14.1 | 13.6 | 13.1 | 12.6 | 12.2 | 11.6 | 10.9 | 10.2 | 9.6 | 8.9 | 8.2 |
| 62.5° | 14.5 | 14.1 | 13.6 | 13.1 | 12.6 | 12.1 | 11.4 | 10.7 | 10.0 | 9.3 | 8.6 |
| 61.25° | 14.9 | 14.5 | 14.1 | 13.6 | 13.0 | 12.5 | 11.9 | 11.2 | 10.5 | 9.7 | 9.0 |
| 60° | 15.2 | 14.8 | 14.5 | 14.0 | 13.5 | 12.9 | 12.3 | 11.7 | 10.9 | 10.2 | 9.4 |
| 58.75° | 15.5 | 15.2 | 14.8 | 14.4 | 13.9 | 13.3 | 12.7 | 12.1 | 11.4 | 10.6 | 9.8 |
| 57.5° | 15.9 | 15.5 | 15.1 | 14.7 | 14.3 | 13.7 | 13.1 | 12.5 | 11.8 | 11.0 | 10.2 |
| 56.25° | 16.5 | 15.8 | 15.4 | 15.0 | 14.6 | 14.1 | 13.5 | 12.8 | 12.2 | 11.4 | 10.5 |
| 55° | 17.2 | 16.3 | 15.7 | 15.3 | 14.8 | 14.4 | 13.8 | 13.2 | 12.5 | 11.8 | 10.9 |
| 53.75° | 17.8 | 16.9 | 16.1 | 15.6 | 15.1 | 14.7 | 14.2 | 13.5 | 12.8 | 12.1 | 11.3 |
| 52.5° | 18.4 | 17.5 | 16.7 | 15.8 | 15.4 | 14.9 | 14.5 | 13.8 | 13.1 | 12.4 | 11.7 |
| 51.25° | 19.0 | 18.1 | 17.2 | 16.3 | 15.6 | 15.2 | 14.7 | 14.2 | 13.4 | 12.7 | 12.0 |
| 50° | 19.8 | 18.7 | 17.8 | 16.8 | 15.9 | 15.4 | 14.9 | 14.4 | 13.7 | 13.0 | 12.2 |
| 48.75° | 20.6 | 19.4 | 18.3 | 17.4 | 16.4 | 15.7 | 15.1 | 14.6 | 14.0 | 13.3 | 12.5 |
| 47.5° | 21.3 | 20.1 | 18.9 | 17.9 | 16.9 | 15.9 | 15.4 | 14.9 | 14.3 | 13.6 | 12.8 |
| 46.25° | 22.1 | 20.8 | 19.5 | 18.4 | 17.4 | 16.3 | 15.6 | 15.1 | 14.5 | 13.8 | 13.0 |
| 45° | 22.8 | 21.5 | 20.2 | 18.9 | 17.8 | 16.8 | 15.8 | 15.3 | 14.7 | 14.1 | 13.3 |
| 43.75° | 23.6 | 22.2 | 20.8 | 19.4 | 18.3 | 17.2 | 16.1 | 15.5 | 14.9 | 14.3 | 13.5 |
| 42.5° | 24.5 | 22.8 | 21.5 | 20.0 | 18.7 | 17.6 | 16.5 | 15.6 | 15.1 | 14.5 | 13.7 |
| 41.25° | 25.3 | 23.6 | 22.1 | 20.6 | 19.2 | 18.0 | 16.9 | 15.8 | 15.3 | 14.7 | 14.0 |
| 40° | 26.1 | 24.4 | 22.7 | 21.2 | 19.8 | 18.4 | 17.3 | 16.1 | 15.4 | 14.8 | 14.2 |
| 38.75° | 26.9 | 25.1 | 23.3 | 21.8 | 20.3 | 18.8 | 17.7 | 16.5 | 15.6 | 15.0 | 14.4 |
| 37.5° | 27.7 | 25.9 | 24.0 | 22.3 | 20.8 | 19.3 | 18.0 | 16.8 | 15.8 | 15.1 | 14.5 |
| 36.25° | 28.5 | 26.6 | 24.7 | 22.9 | 21.3 | 19.8 | 18.4 | 17.2 | 15.9 | 15.3 | 14.6 |
| 35° | 29.3 | 27.3 | 25.4 | 23.5 | 21.8 | 20.2 | 18.7 | 17.5 | 16.2 | 15.4 | 14.8 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 30.2 | 28.0 | 26.0 | 24.1 | 22.3 | 20.7 | 19.1 | 17.8 | 16.5 | 15.6 | 14.9 |
| 32.5° | 31.0 | 28.7 | 26.7 | 24.7 | 22.8 | 21.1 | 19.5 | 18.1 | 16.8 | 15.7 | 15.0 |
| 31.25° | 31.7 | 29.5 | 27.3 | 25.3 | 23.3 | 21.6 | 19.9 | 18.4 | 17.1 | 15.8 | 15.2 |
| 30° | 32.5 | 30.2 | 27.8 | 25.8 | 23.8 | 22.0 | 20.3 | 18.7 | 17.3 | 16.0 | 15.3 |
| 28.75° | 33.2 | 30.8 | 28.5 | 26.4 | 24.3 | 22.4 | 20.6 | 18.9 | 17.6 | 16.3 | 15.4 |
| 27.5° | 33.9 | 31.5 | 29.1 | 26.9 | 24.8 | 22.7 | 21.0 | 19.3 | 17.8 | 16.5 | 15.5 |
| 26.25° | 34.5 | 32.1 | 29.7 | 27.4 | 25.3 | 23.1 | 21.4 | 19.6 | 18.1 | 16.7 | 15.6 |
| 25° | 35.2 | 32.7 | 30.3 | 27.8 | 25.7 | 23.6 | 21.7 | 19.9 | 18.3 | 16.9 | 15.7 |
| 23.75° | 35.8 | 33.3 | 30.8 | 28.4 | 26.1 | 24.0 | 22.0 | 20.2 | 18.5 | 17.1 | 15.8 |
| 22.5° | 36.4 | 33.9 | 31.4 | 28.9 | 26.5 | 24.4 | 22.3 | 20.5 | 18.7 | 17.3 | 15.9 |
| 21.25° | 37.0 | 34.4 | 31.9 | 29.3 | 26.9 | 24.7 | 22.6 | 20.7 | 18.9 | 17.5 | 16.0 |
| 20° | 37.5 | 34.9 | 32.3 | 29.8 | 27.3 | 25.1 | 22.9 | 21.0 | 19.1 | 17.7 | 16.2 |
| 18.75° | 38.0 | 35.4 | 32.8 | 30.2 | 27.6 | 25.4 | 23.1 | 21.2 | 19.4 | 17.8 | 16.4 |
| 17.5° | 38.5 | 35.8 | 33.2 | 30.6 | 28.0 | 25.7 | 23.4 | 21.5 | 19.6 | 18.0 | 16.5 |
| 16.25° | 38.9 | 36.2 | 33.6 | 31.0 | 28.3 | 26.0 | 23.7 | 21.7 | 19.8 | 18.1 | 16.6 |
| 15° | 39.2 | 36.6 | 34.0 | 31.3 | 28.7 | 26.3 | 23.9 | 21.9 | 19.9 | 18.2 | 16.7 |
| 13.75° | 39.5 | 37.0 | 34.3 | 31.6 | 29.0 | 26.5 | 24.2 | 22.0 | 20.1 | 18.4 | 16.9 |
| 12.5° | 39.7 | 37.3 | 34.6 | 31.9 | 29.2 | 26.7 | 24.4 | 22.2 | 20.3 | 18.5 | 17.0 |
| 11.25° | 39.9 | 37.6 | 34.9 | 32.2 | 29.5 | 26.9 | 24.6 | 22.4 | 20.4 | 18.6 | 17.1 |
| 10° | 40.1 | 37.9 | 35.1 | 32.4 | 29.7 | 27.1 | 24.8 | 22.5 | 20.5 | 18.7 | 17.1 |
| 8.75° | 40.3 | 38.1 | 35.4 | 32.6 | 29.9 | 27.3 | 24.9 | 22.6 | 20.6 | 18.7 | 17.2 |
| 7.5° | 40.4 | 38.3 | 35.6 | 32.8 | 30.1 | 27.4 | 25.0 | 22.7 | 20.7 | 18.8 | 17.3 |
| 6.25° | 40.6 | 38.5 | 35.7 | 33.0 | 30.2 | 27.5 | 25.1 | 22.8 | 20.8 | 18.9 | 17.3 |
| 5° | 40.7 | 38.6 | 35.9 | 33.1 | 30.3 | 27.6 | 25.2 | 22.9 | 20.9 | 18.9 | 17.4 |
| 3.75° | 40.7 | 38.8 | 36.0 | 33.2 | 30.4 | 27.7 | 25.3 | 22.9 | 20.9 | 19.0 | 17.4 |
| 2.5° | 40.8 | 38.8 | 36.0 | 33.2 | 30.5 | 27.8 | 25.4 | 23.0 | 21.0 | 19.0 | 17.4 |
| 1.25° | 40.8 | 38.9 | 36.1 | 33.3 | 30.5 | 27.8 | 25.4 | 23.0 | 21.0 | 19.0 | 17.4 |
| 0° | 40.9 | 38.9 | 36.1 | 33.3 | 30.6 | 27.8 | 25.4 | 23.0 | 21.0 | 19.0 | 17.5 |
| -1.25° | 40.8 | 38.9 | 36.1 | 33.3 | 30.5 | 27.8 | 25.4 | 23.0 | 21.0 | 19.0 | 17.4 |
| -2.5° | 40.8 | 38.8 | 36.0 | 33.2 | 30.5 | 27.8 | 25.4 | 23.0 | 21.0 | 19.0 | 17.4 |
| -3.75° | 40.7 | 38.8 | 36.0 | 33.2 | 30.4 | 27.7 | 25.3 | 22.9 | 20.9 | 19.0 | 17.4 |
| -5° | 40.7 | 38.6 | 35.9 | 33.1 | 30.3 | 27.6 | 25.2 | 22.9 | 20.9 | 18.9 | 17.4 |
| -6.25° | 40.6 | 38.5 | 35.7 | 33.0 | 30.2 | 27.5 | 25.1 | 22.8 | 20.8 | 18.9 | 17.3 |
| -7.5° | 40.4 | 38.3 | 35.6 | 32.8 | 30.1 | 27.4 | 25.0 | 22.7 | 20.7 | 18.8 | 17.3 |
| -8.75° | 40.3 | 38.1 | 35.4 | 32.6 | 29.9 | 27.3 | 24.9 | 22.6 | 20.6 | 18.7 | 17.2 |
| -10° | 40.1 | 37.9 | 35.1 | 32.4 | 29.7 | 27.1 | 24.8 | 22.5 | 20.5 | 18.7 | 17.1 |
| -11.25° | 39.9 | 37.6 | 34.9 | 32.2 | 29.5 | 26.9 | 24.6 | 22.4 | 20.4 | 18.6 | 17.1 |
| -12.5° | 39.7 | 37.3 | 34.6 | 31.9 | 29.2 | 26.7 | 24.4 | 22.2 | 20.3 | 18.5 | 17.0 |
| -13.75° | 39.5 | 37.0 | 34.3 | 31.6 | 29.0 | 26.5 | 24.2 | 22.0 | 20.1 | 18.4 | 16.9 |
| -15° | 39.2 | 36.6 | 34.0 | 31.3 | 28.7 | 26.3 | 23.9 | 21.9 | 19.9 | 18.2 | 16.7 |
| -16.25° | 38.9 | 36.2 | 33.6 | 31.0 | 28.3 | 26.0 | 23.7 | 21.7 | 19.8 | 18.1 | 16.6 |
| -17.5° | 38.5 | 35.8 | 33.2 | 30.6 | 28.0 | 25.7 | 23.4 | 21.5 | 19.6 | 18.0 | 16.5 |
| -18.75° | 38.0 | 35.4 | 32.8 | 30.2 | 27.6 | 25.4 | 23.1 | 21.2 | 19.4 | 17.8 | 16.4 |
| -20° | 37.5 | 34.9 | 32.3 | 29.8 | 27.3 | 25.1 | 22.9 | 21.0 | 19.1 | 17.7 | 16.2 |
| -21.25° | 37.0 | 34.4 | 31.9 | 29.3 | 26.9 | 24.7 | 22.6 | 20.7 | 18.9 | 17.5 | 16.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 36.4 | 33.9 | 31.4 | 28.9 | 26.5 | 24.4 | 22.3 | 20.5 | 18.7 | 17.3 | 15.9 |
| -23.75° | 35.8 | 33.3 | 30.8 | 28.4 | 26.1 | 24.0 | 22.0 | 20.2 | 18.5 | 17.1 | 15.8 |
| -25° | 35.2 | 32.7 | 30.3 | 27.8 | 25.7 | 23.6 | 21.7 | 19.9 | 18.3 | 16.9 | 15.7 |
| -26.25° | 34.5 | 32.1 | 29.7 | 27.4 | 25.3 | 23.1 | 21.4 | 19.6 | 18.1 | 16.7 | 15.6 |
| -27.5° | 33.9 | 31.5 | 29.1 | 26.9 | 24.8 | 22.7 | 21.0 | 19.3 | 17.8 | 16.5 | 15.5 |
| -28.75° | 33.2 | 30.8 | 28.5 | 26.4 | 24.3 | 22.4 | 20.6 | 18.9 | 17.6 | 16.3 | 15.4 |
| -30° | 32.5 | 30.2 | 27.8 | 25.8 | 23.8 | 22.0 | 20.3 | 18.7 | 17.3 | 16.0 | 15.3 |
| -31.25° | 31.7 | 29.5 | 27.3 | 25.3 | 23.3 | 21.6 | 19.9 | 18.4 | 17.1 | 15.8 | 15.2 |
| -32.5° | 31.0 | 28.7 | 26.7 | 24.7 | 22.8 | 21.1 | 19.5 | 18.1 | 16.8 | 15.7 | 15.0 |
| -33.75° | 30.2 | 28.0 | 26.0 | 24.1 | 22.3 | 20.7 | 19.1 | 17.8 | 16.5 | 15.6 | 14.9 |
| -35° | 29.3 | 27.3 | 25.4 | 23.5 | 21.8 | 20.2 | 18.7 | 17.5 | 16.2 | 15.4 | 14.8 |
| -36.25° | 28.5 | 26.6 | 24.7 | 22.9 | 21.3 | 19.8 | 18.4 | 17.2 | 15.9 | 15.3 | 14.6 |
| -37.5° | 27.7 | 25.9 | 24.0 | 22.3 | 20.8 | 19.3 | 18.0 | 16.8 | 15.8 | 15.1 | 14.5 |
| -38.75° | 26.9 | 25.1 | 23.3 | 21.8 | 20.3 | 18.8 | 17.7 | 16.5 | 15.6 | 15.0 | 14.4 |
| -40° | 26.1 | 24.4 | 22.7 | 21.2 | 19.8 | 18.4 | 17.3 | 16.1 | 15.4 | 14.8 | 14.2 |
| -41.25° | 25.3 | 23.6 | 22.1 | 20.6 | 19.2 | 18.0 | 16.9 | 15.8 | 15.3 | 14.7 | 14.0 |
| -42.5° | 24.5 | 22.8 | 21.5 | 20.0 | 18.7 | 17.6 | 16.5 | 15.6 | 15.1 | 14.5 | 13.7 |
| -43.75° | 23.6 | 22.2 | 20.8 | 19.4 | 18.3 | 17.2 | 16.1 | 15.5 | 14.9 | 14.3 | 13.5 |
| -45° | 22.8 | 21.5 | 20.2 | 18.9 | 17.8 | 16.8 | 15.8 | 15.3 | 14.7 | 14.1 | 13.3 |
| -46.25° | 22.1 | 20.8 | 19.5 | 18.4 | 17.4 | 16.3 | 15.6 | 15.1 | 14.5 | 13.8 | 13.0 |
| -47.5° | 21.3 | 20.1 | 18.9 | 17.9 | 16.9 | 15.9 | 15.4 | 14.9 | 14.3 | 13.6 | 12.8 |
| -48.75° | 20.6 | 19.4 | 18.3 | 17.4 | 16.4 | 15.7 | 15.1 | 14.6 | 14.0 | 13.3 | 12.5 |
| -50° | 19.8 | 18.7 | 17.8 | 16.8 | 15.9 | 15.4 | 14.9 | 14.4 | 13.7 | 13.0 | 12.2 |
| -51.25° | 19.0 | 18.1 | 17.2 | 16.3 | 15.6 | 15.2 | 14.7 | 14.2 | 13.4 | 12.7 | 12.0 |
| -52.5° | 18.4 | 17.5 | 16.7 | 15.8 | 15.4 | 14.9 | 14.5 | 13.8 | 13.1 | 12.4 | 11.7 |
| -53.75° | 17.8 | 16.9 | 16.1 | 15.6 | 15.1 | 14.7 | 14.2 | 13.5 | 12.8 | 12.1 | 11.3 |
| -55° | 17.2 | 16.3 | 15.7 | 15.3 | 14.8 | 14.4 | 13.8 | 13.2 | 12.5 | 11.8 | 10.9 |
| -56.25° | 16.5 | 15.8 | 15.4 | 15.0 | 14.6 | 14.1 | 13.5 | 12.8 | 12.2 | 11.4 | 10.5 |
| -57.5° | 15.9 | 15.5 | 15.1 | 14.7 | 14.3 | 13.7 | 13.1 | 12.5 | 11.8 | 11.0 | 10.2 |
| -58.75° | 15.5 | 15.2 | 14.8 | 14.4 | 13.9 | 13.3 | 12.7 | 12.1 | 11.4 | 10.6 | 9.8 |
| -60° | 15.2 | 14.8 | 14.5 | 14.0 | 13.5 | 12.9 | 12.3 | 11.7 | 10.9 | 10.2 | 9.4 |
| -61.25° | 14.9 | 14.5 | 14.1 | 13.6 | 13.0 | 12.5 | 11.9 | 11.2 | 10.5 | 9.7 | 9.0 |
| -62.5° | 14.5 | 14.1 | 13.6 | 13.1 | 12.6 | 12.1 | 11.4 | 10.7 | 10.0 | 9.3 | 8.6 |
| -63.75° | 14.1 | 13.6 | 13.1 | 12.6 | 12.2 | 11.6 | 10.9 | 10.2 | 9.6 | 8.9 | 8.2 |
| -65° | 13.6 | 13.1 | 12.6 | 12.2 | 11.6 | 11.0 | 10.4 | 9.7 | 9.1 | 8.5 | 7.8 |
| -66.25° | 13.0 | 12.6 | 12.2 | 11.6 | 11.0 | 10.4 | 9.8 | 9.2 | 8.6 | 8.0 | 7.4 |
| -67.5° | 12.5 | 12.1 | 11.6 | 11.0 | 10.4 | 9.9 | 9.3 | 8.7 | 8.2 | 7.6 | 7.0 |
| -68.75° | 11.9 | 11.4 | 10.9 | 10.4 | 9.8 | 9.3 | 8.8 | 8.2 | 7.7 | 7.2 | 6.6 |
| -70° | 11.2 | 10.7 | 10.2 | 9.7 | 9.2 | 8.7 | 8.2 | 7.7 | 7.2 | 6.7 | 6.2 |
| -71.25° | 10.5 | 10.0 | 9.6 | 9.1 | 8.6 | 8.2 | 7.7 | 7.2 | 6.8 | 6.3 | 5.8 |
| -72.5° | 9.7 | 9.3 | 8.9 | 8.5 | 8.0 | 7.6 | 7.2 | 6.7 | 6.3 | 5.8 | 5.4 |
| -73.75° | 9.0 | 8.6 | 8.2 | 7.8 | 7.4 | 7.0 | 6.6 | 6.2 | 5.8 | 5.4 | 4.9 |
| -75° | 8.3 | 7.9 | 7.6 | 7.2 | 6.8 | 6.4 | 6.1 | 5.7 | 5.3 | 4.9 | 4.5 |
| -76.25° | 7.5 | 7.2 | 6.9 | 6.5 | 6.2 | 5.9 | 5.5 | 5.2 | 4.8 | 4.4 | 4.1 |
| -77.5° | 6.8 | 6.5 | 6.2 | 5.9 | 5.6 | 5.3 | 5.0 | 4.6 | 4.3 | 4.0 | 3.6 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 6.1 | 5.8 | 5.5 | 5.3 | 5.0 | 4.7 | 4.4 | 4.1 | 3.8 | 3.5 | 3.2 |
| -80° | 5.3 | 5.1 | 4.8 | 4.6 | 4.3 | 4.1 | 3.8 | 3.6 | 3.3 | 3.0 | 2.8 |
| -81.25° | 4.6 | 4.4 | 4.1 | 3.9 | 3.7 | 3.5 | 3.2 | 3.0 | 2.8 | 2.6 | 2.3 |
| -82.5° | 3.8 | 3.6 | 3.4 | 3.2 | 3.1 | 2.9 | 2.7 | 2.5 | 2.3 | 2.2 | 2.0 |
| -83.75° | 3.0 | 2.9 | 2.7 | 2.6 | 2.4 | 2.3 | 2.2 | 2.0 | 1.9 | 1.8 | 1.7 |
| -85° | 2.3 | 2.2 | 2.1 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.3 |
| -86.25° | 1.7 | 1.7 | 1.6 | 1.5 | 1.4 | 1.4 | 1.3 | 1.2 | 1.2 | 1.1 | 1.0 |
| -87.5° | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.7 | 0.7 |
| -88.75° | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 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: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| 87.5° | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 |
| 86.25° | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 |
| 85° | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 |
| 83.75° | 1.6 | 1.4 | 1.3 | 1.2 | 1.0 | 0.9 | 0.8 | 0.7 | 0.5 | 0.4 | 0.3 |
| 82.5° | 1.9 | 1.7 | 1.6 | 1.4 | 1.2 | 1.1 | 0.9 | 0.8 | 0.6 | 0.5 | 0.3 |
| 81.25° | 2.2 | 2.0 | 1.8 | 1.6 | 1.5 | 1.3 | 1.1 | 0.9 | 0.7 | 0.5 | 0.4 |
| 80° | 2.5 | 2.3 | 2.1 | 1.9 | 1.7 | 1.5 | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 |
| 78.75° | 2.9 | 2.6 | 2.3 | 2.1 | 1.9 | 1.6 | 1.4 | 1.2 | 0.9 | 0.7 | 0.5 |
| 77.5° | 3.3 | 3.0 | 2.6 | 2.3 | 2.1 | 1.8 | 1.6 | 1.3 | 1.0 | 0.8 | 0.5 |
| 76.25° | 3.7 | 3.3 | 3.0 | 2.6 | 2.3 | 2.0 | 1.7 | 1.4 | 1.1 | 0.9 | 0.6 |
| 75° | 4.1 | 3.7 | 3.3 | 2.9 | 2.5 | 2.2 | 1.9 | 1.6 | 1.2 | 0.9 | 0.6 |
| 73.75° | 4.5 | 4.1 | 3.6 | 3.2 | 2.8 | 2.3 | 2.0 | 1.7 | 1.3 | 1.0 | 0.7 |
| 72.5° | 4.9 | 4.4 | 4.0 | 3.5 | 3.0 | 2.6 | 2.2 | 1.8 | 1.4 | 1.1 | 0.7 |
| 71.25° | 5.3 | 4.8 | 4.3 | 3.8 | 3.3 | 2.8 | 2.3 | 1.9 | 1.5 | 1.2 | 0.8 |
| 70° | 5.7 | 5.2 | 4.6 | 4.1 | 3.6 | 3.0 | 2.5 | 2.0 | 1.6 | 1.2 | 0.8 |
| 68.75° | 6.1 | 5.5 | 5.0 | 4.4 | 3.8 | 3.2 | 2.7 | 2.2 | 1.7 | 1.3 | 0.9 |
| 67.5° | 6.4 | 5.9 | 5.3 | 4.7 | 4.1 | 3.5 | 2.9 | 2.3 | 1.8 | 1.4 | 0.9 |
| 66.25° | 6.8 | 6.2 | 5.6 | 5.0 | 4.3 | 3.7 | 3.1 | 2.4 | 1.9 | 1.4 | 1.0 |
| 65° | 7.2 | 6.5 | 5.9 | 5.3 | 4.6 | 3.9 | 3.2 | 2.6 | 2.0 | 1.5 | 1.0 |
| 63.75° | 7.6 | 6.9 | 6.2 | 5.5 | 4.8 | 4.1 | 3.4 | 2.7 | 2.1 | 1.6 | 1.1 |
| 62.5° | 7.9 | 7.2 | 6.5 | 5.8 | 5.1 | 4.4 | 3.6 | 2.9 | 2.2 | 1.7 | 1.1 |
| 61.25° | 8.3 | 7.5 | 6.8 | 6.1 | 5.3 | 4.6 | 3.8 | 3.0 | 2.3 | 1.7 | 1.2 |
| 60° | 8.6 | 7.9 | 7.1 | 6.3 | 5.6 | 4.8 | 4.0 | 3.2 | 2.4 | 1.8 | 1.2 |
| 58.75° | 9.0 | 8.2 | 7.4 | 6.6 | 5.8 | 5.0 | 4.2 | 3.3 | 2.5 | 1.9 | 1.2 |
| 57.5° | 9.3 | 8.5 | 7.7 | 6.9 | 6.0 | 5.2 | 4.3 | 3.5 | 2.6 | 1.9 | 1.3 |
| 56.25° | 9.7 | 8.8 | 8.0 | 7.1 | 6.3 | 5.4 | 4.5 | 3.6 | 2.8 | 2.0 | 1.3 |
| 55° | 10.0 | 9.1 | 8.2 | 7.4 | 6.5 | 5.6 | 4.7 | 3.8 | 2.9 | 2.1 | 1.4 |
| 53.75° | 10.4 | 9.4 | 8.5 | 7.6 | 6.7 | 5.8 | 4.9 | 3.9 | 3.0 | 2.1 | 1.4 |
| 52.5° | 10.7 | 9.7 | 8.8 | 7.9 | 6.9 | 6.0 | 5.0 | 4.1 | 3.1 | 2.2 | 1.5 |
| 51.25° | 11.0 | 10.1 | 9.1 | 8.1 | 7.1 | 6.2 | 5.2 | 4.2 | 3.2 | 2.3 | 1.5 |
| 50° | 11.4 | 10.3 | 9.3 | 8.3 | 7.3 | 6.4 | 5.4 | 4.3 | 3.3 | 2.3 | 1.5 |
| 48.75° | 11.7 | 10.6 | 9.6 | 8.6 | 7.6 | 6.5 | 5.5 | 4.5 | 3.4 | 2.4 | 1.6 |
| 47.5° | 12.0 | 10.9 | 9.9 | 8.8 | 7.8 | 6.7 | 5.7 | 4.6 | 3.5 | 2.4 | 1.6 |
| 46.25° | 12.2 | 11.2 | 10.1 | 9.0 | 8.0 | 6.9 | 5.8 | 4.7 | 3.6 | 2.5 | 1.7 |
| 45° | 12.4 | 11.5 | 10.4 | 9.2 | 8.1 | 7.1 | 6.0 | 4.9 | 3.7 | 2.6 | 1.7 |
| 43.75° | 12.6 | 11.8 | 10.6 | 9.5 | 8.3 | 7.2 | 6.1 | 5.0 | 3.8 | 2.7 | 1.7 |
| 42.5° | 12.9 | 12.0 | 10.9 | 9.7 | 8.5 | 7.4 | 6.2 | 5.1 | 3.9 | 2.7 | 1.8 |
| 41.25° | 13.1 | 12.2 | 11.1 | 9.9 | 8.7 | 7.5 | 6.4 | 5.2 | 4.0 | 2.8 | 1.8 |
| 40° | 13.3 | 12.4 | 11.3 | 10.1 | 8.9 | 7.7 | 6.5 | 5.3 | 4.1 | 2.9 | 1.8 |
| 38.75° | 13.5 | 12.6 | 11.5 | 10.3 | 9.1 | 7.8 | 6.6 | 5.4 | 4.2 | 2.9 | 1.9 |
| 37.5° | 13.7 | 12.7 | 11.8 | 10.5 | 9.2 | 8.0 | 6.8 | 5.5 | 4.3 | 3.0 | 1.9 |
| 36.25° | 13.9 | 12.9 | 12.0 | 10.7 | 9.4 | 8.1 | 6.9 | 5.6 | 4.4 | 3.1 | 1.9 |
| 35° | 14.1 | 13.1 | 12.1 | 10.9 | 9.6 | 8.3 | 7.0 | 5.7 | 4.4 | 3.1 | 2.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 14.2 | 13.2 | 12.3 | 11.0 | 9.7 | 8.4 | 7.1 | 5.8 | 4.5 | 3.2 | 2.0 |
| 32.5° | 14.4 | 13.4 | 12.4 | 11.2 | 9.9 | 8.5 | 7.2 | 5.9 | 4.6 | 3.2 | 2.0 |
| 31.25° | 14.5 | 13.6 | 12.5 | 11.4 | 10.0 | 8.7 | 7.3 | 6.0 | 4.7 | 3.3 | 2.1 |
| 30° | 14.6 | 13.7 | 12.7 | 11.6 | 10.2 | 8.8 | 7.4 | 6.1 | 4.7 | 3.4 | 2.1 |
| 28.75° | 14.7 | 13.8 | 12.8 | 11.7 | 10.3 | 8.9 | 7.5 | 6.2 | 4.8 | 3.4 | 2.1 |
| 27.5° | 14.8 | 14.0 | 12.9 | 11.9 | 10.4 | 9.0 | 7.6 | 6.3 | 4.9 | 3.5 | 2.1 |
| 26.25° | 14.9 | 14.1 | 13.0 | 12.0 | 10.6 | 9.1 | 7.7 | 6.3 | 4.9 | 3.5 | 2.2 |
| 25° | 15.0 | 14.2 | 13.2 | 12.1 | 10.7 | 9.2 | 7.8 | 6.4 | 5.0 | 3.5 | 2.2 |
| 23.75° | 15.1 | 14.3 | 13.3 | 12.2 | 10.8 | 9.3 | 7.9 | 6.5 | 5.1 | 3.6 | 2.2 |
| 22.5° | 15.2 | 14.4 | 13.4 | 12.3 | 10.9 | 9.4 | 8.0 | 6.6 | 5.1 | 3.6 | 2.2 |
| 21.25° | 15.2 | 14.5 | 13.5 | 12.4 | 11.0 | 9.5 | 8.1 | 6.6 | 5.2 | 3.7 | 2.2 |
| 20° | 15.3 | 14.6 | 13.6 | 12.4 | 11.1 | 9.6 | 8.1 | 6.7 | 5.2 | 3.7 | 2.3 |
| 18.75° | 15.4 | 14.6 | 13.7 | 12.5 | 11.2 | 9.7 | 8.2 | 6.7 | 5.3 | 3.7 | 2.3 |
| 17.5° | 15.4 | 14.7 | 13.7 | 12.6 | 11.3 | 9.8 | 8.3 | 6.8 | 5.3 | 3.8 | 2.3 |
| 16.25° | 15.5 | 14.7 | 13.8 | 12.7 | 11.4 | 9.8 | 8.3 | 6.8 | 5.3 | 3.8 | 2.3 |
| 15° | 15.6 | 14.8 | 13.9 | 12.7 | 11.5 | 9.9 | 8.4 | 6.9 | 5.4 | 3.8 | 2.3 |
| 13.75° | 15.6 | 14.8 | 14.0 | 12.8 | 11.5 | 10.0 | 8.4 | 6.9 | 5.4 | 3.9 | 2.3 |
| 12.5° | 15.7 | 14.9 | 14.0 | 12.8 | 11.6 | 10.0 | 8.5 | 7.0 | 5.4 | 3.9 | 2.3 |
| 11.25° | 15.7 | 14.9 | 14.1 | 12.9 | 11.7 | 10.1 | 8.5 | 7.0 | 5.5 | 3.9 | 2.4 |
| 10° | 15.8 | 15.0 | 14.1 | 12.9 | 11.7 | 10.1 | 8.6 | 7.0 | 5.5 | 3.9 | 2.4 |
| 8.75° | 15.8 | 15.0 | 14.2 | 13.0 | 11.7 | 10.2 | 8.6 | 7.1 | 5.5 | 3.9 | 2.4 |
| 7.5° | 15.8 | 15.0 | 14.2 | 13.0 | 11.8 | 10.2 | 8.6 | 7.1 | 5.5 | 4.0 | 2.4 |
| 6.25° | 15.8 | 15.0 | 14.2 | 13.0 | 11.8 | 10.2 | 8.6 | 7.1 | 5.6 | 4.0 | 2.4 |
| 5° | 15.9 | 15.1 | 14.3 | 13.1 | 11.9 | 10.3 | 8.7 | 7.1 | 5.6 | 4.0 | 2.4 |
| 3.75° | 15.9 | 15.1 | 14.3 | 13.1 | 11.9 | 10.3 | 8.7 | 7.1 | 5.6 | 4.0 | 2.4 |
| 2.5° | 15.9 | 15.1 | 14.3 | 13.1 | 11.9 | 10.3 | 8.7 | 7.1 | 5.6 | 4.0 | 2.4 |
| 1.25° | 15.9 | 15.1 | 14.3 | 13.1 | 11.9 | 10.3 | 8.7 | 7.1 | 5.6 | 4.0 | 2.4 |
| 0° | 15.9 | 15.1 | 14.3 | 13.1 | 11.9 | 10.3 | 8.7 | 7.1 | 5.6 | 4.0 | 2.4 |
| -1.25° | 15.9 | 15.1 | 14.3 | 13.1 | 11.9 | 10.3 | 8.7 | 7.1 | 5.6 | 4.0 | 2.4 |
| -2.5° | 15.9 | 15.1 | 14.3 | 13.1 | 11.9 | 10.3 | 8.7 | 7.1 | 5.6 | 4.0 | 2.4 |
| -3.75° | 15.9 | 15.1 | 14.3 | 13.1 | 11.9 | 10.3 | 8.7 | 7.1 | 5.6 | 4.0 | 2.4 |
| -5° | 15.9 | 15.1 | 14.3 | 13.1 | 11.9 | 10.3 | 8.7 | 7.1 | 5.6 | 4.0 | 2.4 |
| -6.25° | 15.8 | 15.0 | 14.2 | 13.0 | 11.8 | 10.2 | 8.6 | 7.1 | 5.6 | 4.0 | 2.4 |
| -7.5° | 15.8 | 15.0 | 14.2 | 13.0 | 11.8 | 10.2 | 8.6 | 7.1 | 5.5 | 4.0 | 2.4 |
| -8.75° | 15.8 | 15.0 | 14.2 | 13.0 | 11.7 | 10.2 | 8.6 | 7.1 | 5.5 | 3.9 | 2.4 |
| -10° | 15.8 | 15.0 | 14.1 | 12.9 | 11.7 | 10.1 | 8.6 | 7.0 | 5.5 | 3.9 | 2.4 |
| -11.25° | 15.7 | 14.9 | 14.1 | 12.9 | 11.7 | 10.1 | 8.5 | 7.0 | 5.5 | 3.9 | 2.4 |
| -12.5° | 15.7 | 14.9 | 14.0 | 12.8 | 11.6 | 10.0 | 8.5 | 7.0 | 5.4 | 3.9 | 2.3 |
| -13.75° | 15.6 | 14.8 | 14.0 | 12.8 | 11.5 | 10.0 | 8.4 | 6.9 | 5.4 | 3.9 | 2.3 |
| -15° | 15.6 | 14.8 | 13.9 | 12.7 | 11.5 | 9.9 | 8.4 | 6.9 | 5.4 | 3.8 | 2.3 |
| -16.25° | 15.5 | 14.7 | 13.8 | 12.7 | 11.4 | 9.8 | 8.3 | 6.8 | 5.3 | 3.8 | 2.3 |
| -17.5° | 15.4 | 14.7 | 13.7 | 12.6 | 11.3 | 9.8 | 8.3 | 6.8 | 5.3 | 3.8 | 2.3 |
| -18.75° | 15.4 | 14.6 | 13.7 | 12.5 | 11.2 | 9.7 | 8.2 | 6.7 | 5.3 | 3.7 | 2.3 |
| -20° | 15.3 | 14.6 | 13.6 | 12.4 | 11.1 | 9.6 | 8.1 | 6.7 | 5.2 | 3.7 | 2.3 |
| -21.25° | 15.2 | 14.5 | 13.5 | 12.4 | 11.0 | 9.5 | 8.1 | 6.6 | 5.2 | 3.7 | 2.2 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 15.2 | 14.4 | 13.4 | 12.3 | 10.9 | 9.4 | 8.0 | 6.6 | 5.1 | 3.6 | 2.2 |
| -23.75° | 15.1 | 14.3 | 13.3 | 12.2 | 10.8 | 9.3 | 7.9 | 6.5 | 5.1 | 3.6 | 2.2 |
| -25° | 15.0 | 14.2 | 13.2 | 12.1 | 10.7 | 9.2 | 7.8 | 6.4 | 5.0 | 3.5 | 2.2 |
| -26.25° | 14.9 | 14.1 | 13.0 | 12.0 | 10.6 | 9.1 | 7.7 | 6.3 | 4.9 | 3.5 | 2.2 |
| -27.5° | 14.8 | 14.0 | 12.9 | 11.9 | 10.4 | 9.0 | 7.6 | 6.3 | 4.9 | 3.5 | 2.1 |
| -28.75° | 14.7 | 13.8 | 12.8 | 11.7 | 10.3 | 8.9 | 7.5 | 6.2 | 4.8 | 3.4 | 2.1 |
| -30° | 14.6 | 13.7 | 12.7 | 11.6 | 10.2 | 8.8 | 7.4 | 6.1 | 4.7 | 3.4 | 2.1 |
| -31.25° | 14.5 | 13.6 | 12.5 | 11.4 | 10.0 | 8.7 | 7.3 | 6.0 | 4.7 | 3.3 | 2.1 |
| -32.5° | 14.4 | 13.4 | 12.4 | 11.2 | 9.9 | 8.5 | 7.2 | 5.9 | 4.6 | 3.2 | 2.0 |
| -33.75° | 14.2 | 13.2 | 12.3 | 11.0 | 9.7 | 8.4 | 7.1 | 5.8 | 4.5 | 3.2 | 2.0 |
| -35° | 14.1 | 13.1 | 12.1 | 10.9 | 9.6 | 8.3 | 7.0 | 5.7 | 4.4 | 3.1 | 2.0 |
| -36.25° | 13.9 | 12.9 | 12.0 | 10.7 | 9.4 | 8.1 | 6.9 | 5.6 | 4.4 | 3.1 | 1.9 |
| -37.5° | 13.7 | 12.7 | 11.8 | 10.5 | 9.2 | 8.0 | 6.8 | 5.5 | 4.3 | 3.0 | 1.9 |
| -38.75° | 13.5 | 12.6 | 11.5 | 10.3 | 9.1 | 7.8 | 6.6 | 5.4 | 4.2 | 2.9 | 1.9 |
| -40° | 13.3 | 12.4 | 11.3 | 10.1 | 8.9 | 7.7 | 6.5 | 5.3 | 4.1 | 2.9 | 1.8 |
| -41.25° | 13.1 | 12.2 | 11.1 | 9.9 | 8.7 | 7.5 | 6.4 | 5.2 | 4.0 | 2.8 | 1.8 |
| -42.5° | 12.9 | 12.0 | 10.9 | 9.7 | 8.5 | 7.4 | 6.2 | 5.1 | 3.9 | 2.7 | 1.8 |
| -43.75° | 12.6 | 11.8 | 10.6 | 9.5 | 8.3 | 7.2 | 6.1 | 5.0 | 3.8 | 2.7 | 1.7 |
| -45° | 12.4 | 11.5 | 10.4 | 9.2 | 8.1 | 7.1 | 6.0 | 4.9 | 3.7 | 2.6 | 1.7 |
| -46.25° | 12.2 | 11.2 | 10.1 | 9.0 | 8.0 | 6.9 | 5.8 | 4.7 | 3.6 | 2.5 | 1.7 |
| -47.5° | 12.0 | 10.9 | 9.9 | 8.8 | 7.8 | 6.7 | 5.7 | 4.6 | 3.5 | 2.4 | 1.6 |
| -48.75° | 11.7 | 10.6 | 9.6 | 8.6 | 7.6 | 6.5 | 5.5 | 4.5 | 3.4 | 2.4 | 1.6 |
| -50° | 11.4 | 10.3 | 9.3 | 8.3 | 7.3 | 6.4 | 5.4 | 4.3 | 3.3 | 2.3 | 1.5 |
| -51.25° | 11.0 | 10.1 | 9.1 | 8.1 | 7.1 | 6.2 | 5.2 | 4.2 | 3.2 | 2.3 | 1.5 |
| -52.5° | 10.7 | 9.7 | 8.8 | 7.9 | 6.9 | 6.0 | 5.0 | 4.1 | 3.1 | 2.2 | 1.5 |
| -53.75° | 10.4 | 9.4 | 8.5 | 7.6 | 6.7 | 5.8 | 4.9 | 3.9 | 3.0 | 2.1 | 1.4 |
| -55° | 10.0 | 9.1 | 8.2 | 7.4 | 6.5 | 5.6 | 4.7 | 3.8 | 2.9 | 2.1 | 1.4 |
| -56.25° | 9.7 | 8.8 | 8.0 | 7.1 | 6.3 | 5.4 | 4.5 | 3.6 | 2.8 | 2.0 | 1.3 |
| -57.5° | 9.3 | 8.5 | 7.7 | 6.9 | 6.0 | 5.2 | 4.3 | 3.5 | 2.6 | 1.9 | 1.3 |
| -58.75° | 9.0 | 8.2 | 7.4 | 6.6 | 5.8 | 5.0 | 4.2 | 3.3 | 2.5 | 1.9 | 1.2 |
| -60° | 8.6 | 7.9 | 7.1 | 6.3 | 5.6 | 4.8 | 4.0 | 3.2 | 2.4 | 1.8 | 1.2 |
| -61.25° | 8.3 | 7.5 | 6.8 | 6.1 | 5.3 | 4.6 | 3.8 | 3.0 | 2.3 | 1.7 | 1.2 |
| -62.5° | 7.9 | 7.2 | 6.5 | 5.8 | 5.1 | 4.4 | 3.6 | 2.9 | 2.2 | 1.7 | 1.1 |
| -63.75° | 7.6 | 6.9 | 6.2 | 5.5 | 4.8 | 4.1 | 3.4 | 2.7 | 2.1 | 1.6 | 1.1 |
| -65° | 7.2 | 6.5 | 5.9 | 5.3 | 4.6 | 3.9 | 3.2 | 2.6 | 2.0 | 1.5 | 1.0 |
| -66.25° | 6.8 | 6.2 | 5.6 | 5.0 | 4.3 | 3.7 | 3.1 | 2.4 | 1.9 | 1.4 | 1.0 |
| -67.5° | 6.4 | 5.9 | 5.3 | 4.7 | 4.1 | 3.5 | 2.9 | 2.3 | 1.8 | 1.4 | 0.9 |
| -68.75° | 6.1 | 5.5 | 5.0 | 4.4 | 3.8 | 3.2 | 2.7 | 2.2 | 1.7 | 1.3 | 0.9 |
| -70° | 5.7 | 5.2 | 4.6 | 4.1 | 3.6 | 3.0 | 2.5 | 2.0 | 1.6 | 1.2 | 0.8 |
| -71.25° | 5.3 | 4.8 | 4.3 | 3.8 | 3.3 | 2.8 | 2.3 | 1.9 | 1.5 | 1.2 | 0.8 |
| -72.5° | 4.9 | 4.4 | 4.0 | 3.5 | 3.0 | 2.6 | 2.2 | 1.8 | 1.4 | 1.1 | 0.7 |
| -73.75° | 4.5 | 4.1 | 3.6 | 3.2 | 2.8 | 2.3 | 2.0 | 1.7 | 1.3 | 1.0 | 0.7 |
| -75° | 4.1 | 3.7 | 3.3 | 2.9 | 2.5 | 2.2 | 1.9 | 1.6 | 1.2 | 0.9 | 0.6 |
| -76.25° | 3.7 | 3.3 | 3.0 | 2.6 | 2.3 | 2.0 | 1.7 | 1.4 | 1.1 | 0.9 | 0.6 |
| -77.5° | 3.3 | 3.0 | 2.6 | 2.3 | 2.1 | 1.8 | 1.6 | 1.3 | 1.0 | 0.8 | 0.5 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 2.9 | 2.6 | 2.3 | 2.1 | 1.9 | 1.6 | 1.4 | 1.2 | 0.9 | 0.7 | 0.5 |
| -80° | 2.5 | 2.3 | 2.1 | 1.9 | 1.7 | 1.5 | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 |
| -81.25° | 2.2 | 2.0 | 1.8 | 1.6 | 1.5 | 1.3 | 1.1 | 0.9 | 0.7 | 0.5 | 0.4 |
| -82.5° | 1.9 | 1.7 | 1.6 | 1.4 | 1.2 | 1.1 | 0.9 | 0.8 | 0.6 | 0.5 | 0.3 |
| -83.75° | 1.6 | 1.4 | 1.3 | 1.2 | 1.0 | 0.9 | 0.8 | 0.7 | 0.5 | 0.4 | 0.3 |
| -85° | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 |
| -86.25° | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.2 | 0.2 |
| -87.5° | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 |
| -88.75° | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 88.75° | 90° |
|---------|--------|-----|
| 33.75° | 1.0 | 0.0 |
| 32.5° | 1.0 | 0.0 |
| 31.25° | 1.0 | 0.0 |
| 30° | 1.0 | 0.0 |
| 28.75° | 1.1 | 0.0 |
| 27.5° | 1.1 | 0.0 |
| 26.25° | 1.1 | 0.0 |
| 25° | 1.1 | 0.0 |
| 23.75° | 1.1 | 0.0 |
| 22.5° | 1.1 | 0.0 |
| 21.25° | 1.1 | 0.0 |
| 20° | 1.1 | 0.0 |
| 18.75° | 1.1 | 0.0 |
| 17.5° | 1.1 | 0.0 |
| 16.25° | 1.2 | 0.0 |
| 15° | 1.2 | 0.0 |
| 13.75° | 1.2 | 0.0 |
| 12.5° | 1.2 | 0.0 |
| 11.25° | 1.2 | 0.0 |
| 10° | 1.2 | 0.0 |
| 8.75° | 1.2 | 0.0 |
| 7.5° | 1.2 | 0.0 |
| 6.25° | 1.2 | 0.0 |
| 5° | 1.2 | 0.0 |
| 3.75° | 1.2 | 0.0 |
| 2.5° | 1.2 | 0.0 |
| 1.25° | 1.2 | 0.0 |
| 0° | 1.2 | 0.0 |
| -1.25° | 1.2 | 0.0 |
| -2.5° | 1.2 | 0.0 |
| -3.75° | 1.2 | 0.0 |
| -5° | 1.2 | 0.0 |
| -6.25° | 1.2 | 0.0 |
| -7.5° | 1.2 | 0.0 |
| -8.75° | 1.2 | 0.0 |
| -10° | 1.2 | 0.0 |
| -11.25° | 1.2 | 0.0 |
| -12.5° | 1.2 | 0.0 |
| -13.75° | 1.2 | 0.0 |
| -15° | 1.2 | 0.0 |
| -16.25° | 1.2 | 0.0 |
| -17.5° | 1.1 | 0.0 |
| -18.75° | 1.1 | 0.0 |
| -20° | 1.1 | 0.0 |
| -21.25° | 1.1 | 0.0 |



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-WT-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220483 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED4097-F-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° | 0.2 | 0.0 |
| -83.75° | 0.1 | 0.0 |
| -85° | 0.1 | 0.0 |
| -86.25° | 0.1 | 0.0 |
| -87.5° | 0.1 | 0.0 |
| -88.75° | 0.0 | 0.0 |
| -90° | 0.0 | 0.0 |

(END OF REPORT)