

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: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV**

Issue Date: 3/3/2020

Test Information

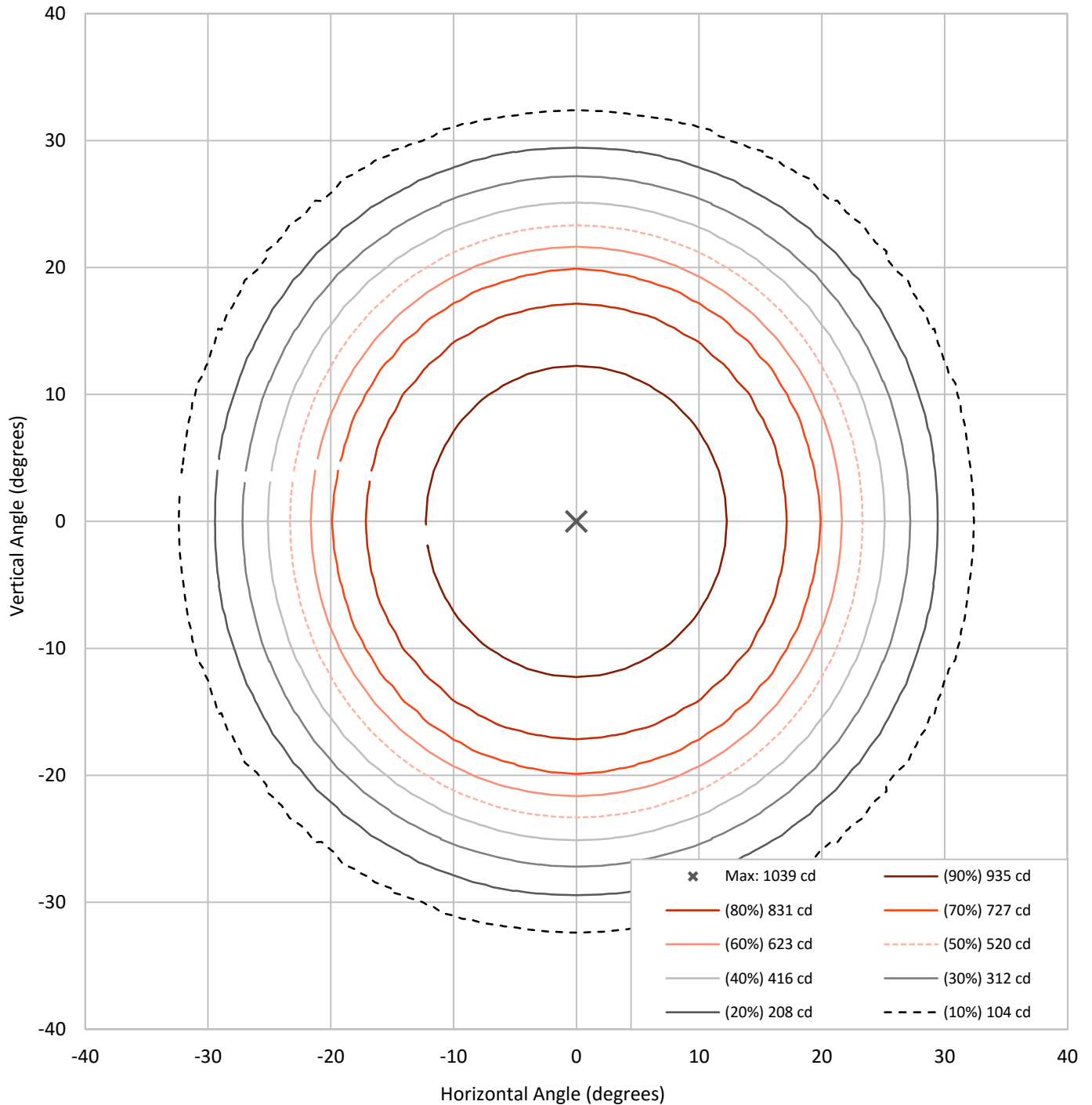
Test Method: LM-79-08
Report Number: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29553)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMIERE
Catalog Number: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-WT-LC2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, RECESSED LENS, WIDE FLOOD OPTIC, WHITE HOUSING.
Light Source: (1) COLOR CHAGING MODULE, SET TO 3500K CCT, 90 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|-------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 670.4 lumens | Max Intensity: | 1039 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 27.7 lumens/watt | | |
| Luminous Opening: | Circular (Dia: 0.25' x H: 0') | | |
| Beam Angle (50%): | 46.6°H x 46.6°V | Field Angle (10%): | 64.5°H x 64.5°V |
| Beam Lumens: | 424.4 lumens | Field Lumens: | 551.9 lumens |
| Beam Efficiency: | 63.3% | Field Efficiency: | 82.3% |
| Input Watts (W): | 24.2 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |

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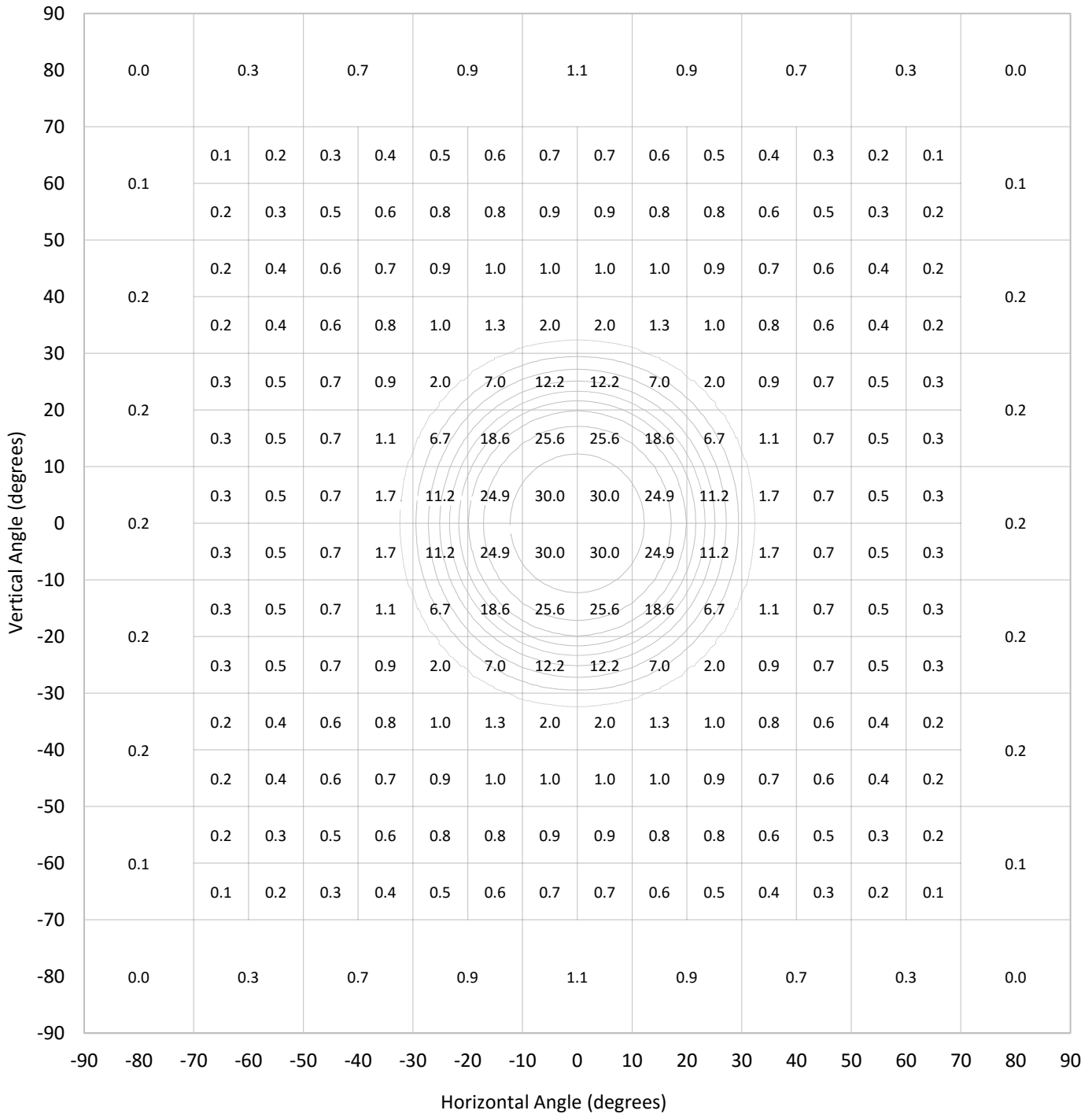
Iso-Candela Plot





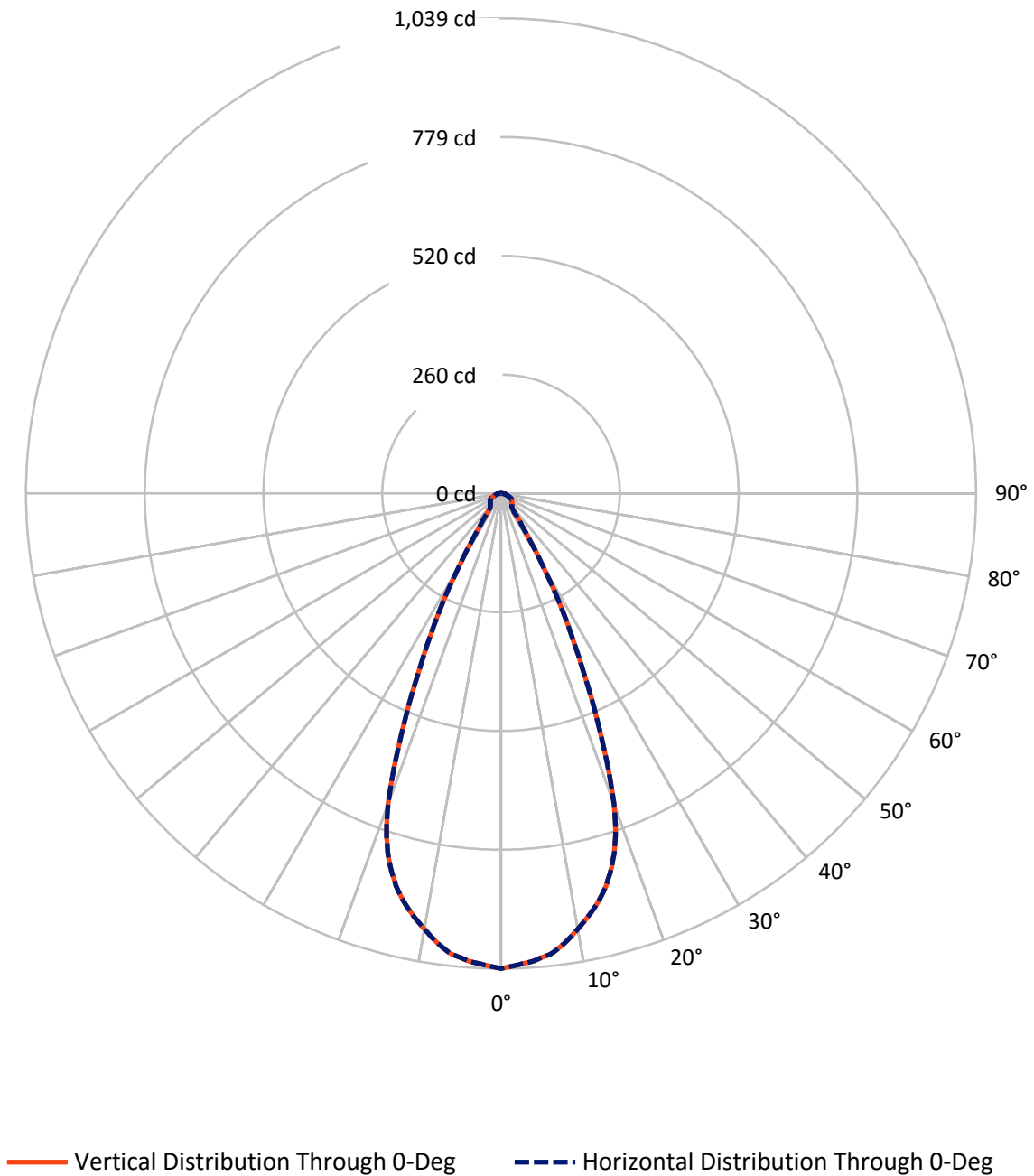
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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

Lumen Table



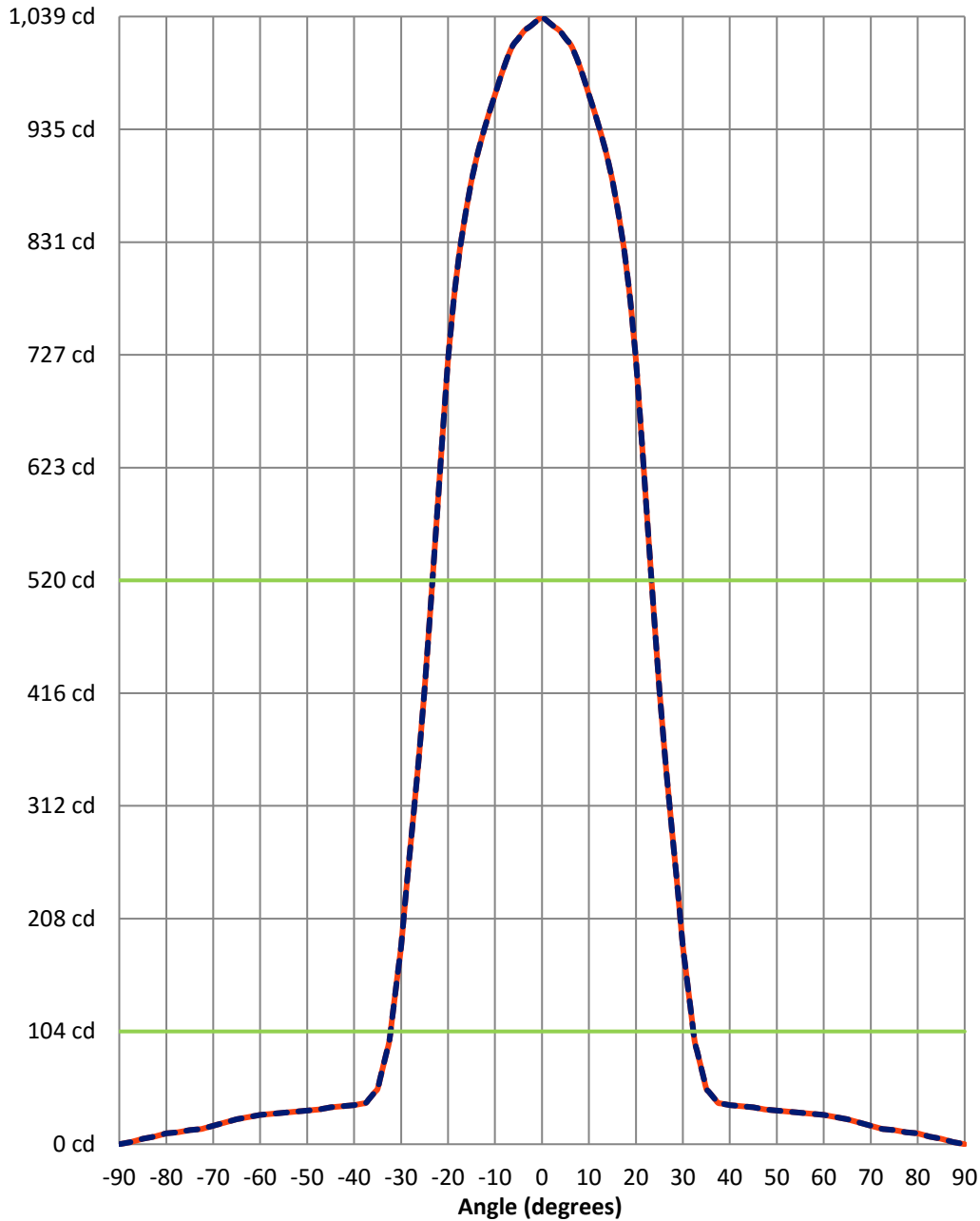
REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 46.6°
 V Angle: 46.6°
 Lumens: 424.4
 Efficiency: 63.3%

Field:
 H Angle: 64.5°
 V Angle: 64.5°
 Lumens: 551.9
 Efficiency: 82.3%

Spill:
 Lumens: 118.5
 Efficiency: 17.7%

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



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
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FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 |
| 87.5° | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 |
| 86.25° | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.6 |
| 85° | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| 83.75° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 |
| 82.5° | 0.0 | 0.1 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 0.9 | 1.0 | 1.2 | 1.3 |
| 81.25° | 0.0 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 0.9 | 1.1 | 1.2 | 1.4 | 1.5 |
| 80° | 0.0 | 0.2 | 0.3 | 0.5 | 0.7 | 0.9 | 1.0 | 1.2 | 1.4 | 1.6 | 1.7 |
| 78.75° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.7 | 1.9 |
| 77.5° | 0.0 | 0.2 | 0.4 | 0.6 | 0.9 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 2.2 |
| 76.25° | 0.0 | 0.2 | 0.5 | 0.7 | 0.9 | 1.2 | 1.4 | 1.7 | 1.9 | 2.2 | 2.5 |
| 75° | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.3 | 1.5 | 1.8 | 2.1 | 2.5 | 2.9 |
| 73.75° | 0.0 | 0.3 | 0.6 | 0.8 | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.8 | 3.2 |
| 72.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.6 | 3.0 | 3.5 |
| 71.25° | 0.0 | 0.3 | 0.6 | 1.0 | 1.3 | 1.6 | 1.9 | 2.4 | 2.8 | 3.3 | 3.8 |
| 70° | 0.0 | 0.3 | 0.7 | 1.0 | 1.4 | 1.7 | 2.1 | 2.6 | 3.1 | 3.6 | 4.1 |
| 68.75° | 0.0 | 0.4 | 0.7 | 1.1 | 1.4 | 1.8 | 2.3 | 2.8 | 3.3 | 3.9 | 4.4 |
| 67.5° | 0.0 | 0.4 | 0.8 | 1.1 | 1.5 | 1.9 | 2.4 | 3.0 | 3.6 | 4.1 | 4.7 |
| 66.25° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.6 | 3.2 | 3.8 | 4.4 | 5.0 |
| 65° | 0.0 | 0.4 | 0.8 | 1.3 | 1.7 | 2.2 | 2.8 | 3.4 | 4.1 | 4.7 | 5.2 |
| 63.75° | 0.0 | 0.4 | 0.9 | 1.3 | 1.8 | 2.3 | 3.0 | 3.6 | 4.3 | 4.9 | 5.4 |
| 62.5° | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 2.5 | 3.1 | 3.8 | 4.5 | 5.1 | 5.6 |
| 61.25° | 0.0 | 0.5 | 1.0 | 1.4 | 1.9 | 2.6 | 3.3 | 4.0 | 4.7 | 5.3 | 5.8 |
| 60° | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.7 | 3.5 | 4.2 | 5.0 | 5.5 | 6.0 |
| 58.75° | 0.0 | 0.5 | 1.0 | 1.6 | 2.1 | 2.9 | 3.7 | 4.4 | 5.1 | 5.6 | 6.2 |
| 57.5° | 0.0 | 0.5 | 1.1 | 1.6 | 2.2 | 3.0 | 3.8 | 4.6 | 5.3 | 5.8 | 6.3 |
| 56.25° | 0.0 | 0.6 | 1.1 | 1.7 | 2.3 | 3.2 | 4.0 | 4.8 | 5.4 | 6.0 | 6.5 |
| 55° | 0.0 | 0.6 | 1.1 | 1.7 | 2.4 | 3.3 | 4.2 | 5.0 | 5.6 | 6.1 | 6.7 |
| 53.75° | 0.0 | 0.6 | 1.2 | 1.8 | 2.5 | 3.4 | 4.3 | 5.1 | 5.7 | 6.3 | 6.9 |
| 52.5° | 0.0 | 0.6 | 1.2 | 1.8 | 2.6 | 3.6 | 4.5 | 5.3 | 5.9 | 6.5 | 7.1 |
| 51.25° | 0.0 | 0.6 | 1.3 | 1.9 | 2.8 | 3.7 | 4.6 | 5.4 | 6.0 | 6.6 | 7.3 |
| 50° | 0.0 | 0.6 | 1.3 | 1.9 | 2.9 | 3.8 | 4.8 | 5.5 | 6.1 | 6.8 | 7.6 |
| 48.75° | 0.0 | 0.7 | 1.3 | 2.0 | 3.0 | 3.9 | 4.9 | 5.6 | 6.3 | 6.9 | 7.8 |
| 47.5° | 0.0 | 0.7 | 1.4 | 2.0 | 3.1 | 4.1 | 5.0 | 5.7 | 6.4 | 7.1 | 8.1 |
| 46.25° | 0.0 | 0.7 | 1.4 | 2.1 | 3.1 | 4.2 | 5.1 | 5.8 | 6.5 | 7.3 | 8.3 |
| 45° | 0.0 | 0.7 | 1.4 | 2.2 | 3.2 | 4.3 | 5.2 | 5.9 | 6.6 | 7.5 | 8.6 |
| 43.75° | 0.0 | 0.7 | 1.4 | 2.2 | 3.3 | 4.4 | 5.3 | 6.0 | 6.8 | 7.7 | 8.8 |
| 42.5° | 0.0 | 0.7 | 1.5 | 2.3 | 3.4 | 4.5 | 5.4 | 6.2 | 6.9 | 7.9 | 9.0 |
| 41.25° | 0.0 | 0.8 | 1.5 | 2.4 | 3.5 | 4.6 | 5.5 | 6.3 | 7.0 | 8.1 | 9.2 |
| 40° | 0.0 | 0.8 | 1.5 | 2.4 | 3.6 | 4.7 | 5.6 | 6.4 | 7.2 | 8.3 | 9.5 |
| 38.75° | 0.0 | 0.8 | 1.6 | 2.5 | 3.7 | 4.8 | 5.7 | 6.5 | 7.3 | 8.5 | 9.7 |
| 37.5° | 0.0 | 0.8 | 1.6 | 2.6 | 3.8 | 4.9 | 5.8 | 6.5 | 7.5 | 8.7 | 9.9 |
| 36.25° | 0.0 | 0.8 | 1.6 | 2.6 | 3.8 | 5.0 | 5.8 | 6.6 | 7.7 | 8.9 | 10.0 |
| 35° | 0.0 | 0.8 | 1.6 | 2.7 | 3.9 | 5.1 | 5.9 | 6.7 | 7.8 | 9.0 | 10.1 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75° | 0.0 | 0.8 | 1.7 | 2.7 | 4.0 | 5.2 | 6.0 | 6.8 | 8.0 | 9.2 | 10.1 |
| 32.5° | 0.0 | 0.8 | 1.7 | 2.8 | 4.1 | 5.2 | 6.1 | 6.9 | 8.1 | 9.4 | 10.2 |
| 31.25° | 0.0 | 0.9 | 1.7 | 2.8 | 4.1 | 5.3 | 6.1 | 7.0 | 8.2 | 9.5 | 10.3 |
| 30° | 0.0 | 0.9 | 1.7 | 2.9 | 4.2 | 5.3 | 6.2 | 7.1 | 8.4 | 9.7 | 10.3 |
| 28.75° | 0.0 | 0.9 | 1.8 | 2.9 | 4.3 | 5.4 | 6.3 | 7.2 | 8.5 | 9.8 | 10.4 |
| 27.5° | 0.0 | 0.9 | 1.8 | 3.0 | 4.3 | 5.4 | 6.3 | 7.3 | 8.6 | 10.0 | 10.4 |
| 26.25° | 0.0 | 0.9 | 1.8 | 3.0 | 4.4 | 5.5 | 6.4 | 7.4 | 8.8 | 10.0 | 10.5 |
| 25° | 0.0 | 0.9 | 1.8 | 3.1 | 4.4 | 5.5 | 6.4 | 7.5 | 8.9 | 10.1 | 10.5 |
| 23.75° | 0.0 | 0.9 | 1.8 | 3.1 | 4.5 | 5.6 | 6.5 | 7.6 | 9.0 | 10.1 | 10.6 |
| 22.5° | 0.0 | 0.9 | 1.8 | 3.2 | 4.5 | 5.6 | 6.5 | 7.7 | 9.1 | 10.2 | 10.6 |
| 21.25° | 0.0 | 0.9 | 1.9 | 3.2 | 4.6 | 5.7 | 6.6 | 7.8 | 9.2 | 10.2 | 10.7 |
| 20° | 0.0 | 0.9 | 1.9 | 3.2 | 4.6 | 5.7 | 6.6 | 7.9 | 9.3 | 10.2 | 10.7 |
| 18.75° | 0.0 | 0.9 | 1.9 | 3.3 | 4.7 | 5.7 | 6.7 | 7.9 | 9.4 | 10.3 | 10.7 |
| 17.5° | 0.0 | 1.0 | 1.9 | 3.3 | 4.7 | 5.8 | 6.7 | 8.0 | 9.4 | 10.3 | 10.8 |
| 16.25° | 0.0 | 1.0 | 1.9 | 3.3 | 4.8 | 5.8 | 6.8 | 8.1 | 9.5 | 10.3 | 10.8 |
| 15° | 0.0 | 1.0 | 1.9 | 3.3 | 4.8 | 5.8 | 6.8 | 8.1 | 9.6 | 10.3 | 10.8 |
| 13.75° | 0.0 | 1.0 | 1.9 | 3.4 | 4.8 | 5.9 | 6.8 | 8.2 | 9.7 | 10.4 | 10.9 |
| 12.5° | 0.0 | 1.0 | 2.0 | 3.4 | 4.9 | 5.9 | 6.9 | 8.2 | 9.7 | 10.4 | 10.9 |
| 11.25° | 0.0 | 1.0 | 2.0 | 3.4 | 4.9 | 5.9 | 6.9 | 8.3 | 9.8 | 10.4 | 10.9 |
| 10° | 0.0 | 1.0 | 2.0 | 3.4 | 4.9 | 5.9 | 6.9 | 8.3 | 9.8 | 10.4 | 10.9 |
| 8.75° | 0.0 | 1.0 | 2.0 | 3.4 | 4.9 | 5.9 | 6.9 | 8.4 | 9.9 | 10.4 | 10.9 |
| 7.5° | 0.0 | 1.0 | 2.0 | 3.5 | 4.9 | 6.0 | 6.9 | 8.4 | 9.9 | 10.5 | 11.0 |
| 6.25° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.4 | 9.9 | 10.5 | 11.0 |
| 5° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 10.5 | 11.0 |
| 3.75° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 10.5 | 11.0 |
| 2.5° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 10.5 | 11.0 |
| 1.25° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 10.5 | 11.0 |
| 0° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 10.5 | 11.0 |
| -1.25° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 10.5 | 11.0 |
| -2.5° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 10.5 | 11.0 |
| -3.75° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 10.5 | 11.0 |
| -5° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.5 | 10.0 | 10.5 | 11.0 |
| -6.25° | 0.0 | 1.0 | 2.0 | 3.5 | 5.0 | 6.0 | 7.0 | 8.4 | 9.9 | 10.5 | 11.0 |
| -7.5° | 0.0 | 1.0 | 2.0 | 3.5 | 4.9 | 6.0 | 6.9 | 8.4 | 9.9 | 10.5 | 11.0 |
| -8.75° | 0.0 | 1.0 | 2.0 | 3.4 | 4.9 | 5.9 | 6.9 | 8.4 | 9.9 | 10.4 | 10.9 |
| -10° | 0.0 | 1.0 | 2.0 | 3.4 | 4.9 | 5.9 | 6.9 | 8.3 | 9.8 | 10.4 | 10.9 |
| -11.25° | 0.0 | 1.0 | 2.0 | 3.4 | 4.9 | 5.9 | 6.9 | 8.3 | 9.8 | 10.4 | 10.9 |
| -12.5° | 0.0 | 1.0 | 2.0 | 3.4 | 4.9 | 5.9 | 6.9 | 8.2 | 9.7 | 10.4 | 10.9 |
| -13.75° | 0.0 | 1.0 | 1.9 | 3.4 | 4.8 | 5.9 | 6.8 | 8.2 | 9.7 | 10.4 | 10.9 |
| -15° | 0.0 | 1.0 | 1.9 | 3.3 | 4.8 | 5.8 | 6.8 | 8.1 | 9.6 | 10.3 | 10.8 |
| -16.25° | 0.0 | 1.0 | 1.9 | 3.3 | 4.8 | 5.8 | 6.8 | 8.1 | 9.5 | 10.3 | 10.8 |
| -17.5° | 0.0 | 1.0 | 1.9 | 3.3 | 4.7 | 5.8 | 6.7 | 8.0 | 9.4 | 10.3 | 10.8 |
| -18.75° | 0.0 | 0.9 | 1.9 | 3.3 | 4.7 | 5.7 | 6.7 | 7.9 | 9.4 | 10.3 | 10.7 |
| -20° | 0.0 | 0.9 | 1.9 | 3.2 | 4.6 | 5.7 | 6.6 | 7.9 | 9.3 | 10.2 | 10.7 |
| -21.25° | 0.0 | 0.9 | 1.9 | 3.2 | 4.6 | 5.7 | 6.6 | 7.8 | 9.2 | 10.2 | 10.7 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -22.5° | 0.0 | 0.9 | 1.8 | 3.2 | 4.5 | 5.6 | 6.5 | 7.7 | 9.1 | 10.2 | 10.6 |
| -23.75° | 0.0 | 0.9 | 1.8 | 3.1 | 4.5 | 5.6 | 6.5 | 7.6 | 9.0 | 10.1 | 10.6 |
| -25° | 0.0 | 0.9 | 1.8 | 3.1 | 4.4 | 5.5 | 6.4 | 7.5 | 8.9 | 10.1 | 10.5 |
| -26.25° | 0.0 | 0.9 | 1.8 | 3.0 | 4.4 | 5.5 | 6.4 | 7.4 | 8.8 | 10.0 | 10.5 |
| -27.5° | 0.0 | 0.9 | 1.8 | 3.0 | 4.3 | 5.4 | 6.3 | 7.3 | 8.6 | 10.0 | 10.4 |
| -28.75° | 0.0 | 0.9 | 1.8 | 2.9 | 4.3 | 5.4 | 6.3 | 7.2 | 8.5 | 9.8 | 10.4 |
| -30° | 0.0 | 0.9 | 1.7 | 2.9 | 4.2 | 5.3 | 6.2 | 7.1 | 8.4 | 9.7 | 10.3 |
| -31.25° | 0.0 | 0.9 | 1.7 | 2.8 | 4.1 | 5.3 | 6.1 | 7.0 | 8.2 | 9.5 | 10.3 |
| -32.5° | 0.0 | 0.8 | 1.7 | 2.8 | 4.1 | 5.2 | 6.1 | 6.9 | 8.1 | 9.4 | 10.2 |
| -33.75° | 0.0 | 0.8 | 1.7 | 2.7 | 4.0 | 5.2 | 6.0 | 6.8 | 8.0 | 9.2 | 10.1 |
| -35° | 0.0 | 0.8 | 1.6 | 2.7 | 3.9 | 5.1 | 5.9 | 6.7 | 7.8 | 9.0 | 10.1 |
| -36.25° | 0.0 | 0.8 | 1.6 | 2.6 | 3.8 | 5.0 | 5.8 | 6.6 | 7.7 | 8.9 | 10.0 |
| -37.5° | 0.0 | 0.8 | 1.6 | 2.6 | 3.8 | 4.9 | 5.8 | 6.5 | 7.5 | 8.7 | 9.9 |
| -38.75° | 0.0 | 0.8 | 1.6 | 2.5 | 3.7 | 4.8 | 5.7 | 6.5 | 7.3 | 8.5 | 9.7 |
| -40° | 0.0 | 0.8 | 1.5 | 2.4 | 3.6 | 4.7 | 5.6 | 6.4 | 7.2 | 8.3 | 9.5 |
| -41.25° | 0.0 | 0.8 | 1.5 | 2.4 | 3.5 | 4.6 | 5.5 | 6.3 | 7.0 | 8.1 | 9.2 |
| -42.5° | 0.0 | 0.7 | 1.5 | 2.3 | 3.4 | 4.5 | 5.4 | 6.2 | 6.9 | 7.9 | 9.0 |
| -43.75° | 0.0 | 0.7 | 1.4 | 2.2 | 3.3 | 4.4 | 5.3 | 6.0 | 6.8 | 7.7 | 8.8 |
| -45° | 0.0 | 0.7 | 1.4 | 2.2 | 3.2 | 4.3 | 5.2 | 5.9 | 6.6 | 7.5 | 8.6 |
| -46.25° | 0.0 | 0.7 | 1.4 | 2.1 | 3.1 | 4.2 | 5.1 | 5.8 | 6.5 | 7.3 | 8.3 |
| -47.5° | 0.0 | 0.7 | 1.4 | 2.0 | 3.1 | 4.1 | 5.0 | 5.7 | 6.4 | 7.1 | 8.1 |
| -48.75° | 0.0 | 0.7 | 1.3 | 2.0 | 3.0 | 3.9 | 4.9 | 5.6 | 6.3 | 6.9 | 7.8 |
| -50° | 0.0 | 0.6 | 1.3 | 1.9 | 2.9 | 3.8 | 4.8 | 5.5 | 6.1 | 6.8 | 7.6 |
| -51.25° | 0.0 | 0.6 | 1.3 | 1.9 | 2.8 | 3.7 | 4.6 | 5.4 | 6.0 | 6.6 | 7.3 |
| -52.5° | 0.0 | 0.6 | 1.2 | 1.8 | 2.6 | 3.6 | 4.5 | 5.3 | 5.9 | 6.5 | 7.1 |
| -53.75° | 0.0 | 0.6 | 1.2 | 1.8 | 2.5 | 3.4 | 4.3 | 5.1 | 5.7 | 6.3 | 6.9 |
| -55° | 0.0 | 0.6 | 1.1 | 1.7 | 2.4 | 3.3 | 4.2 | 5.0 | 5.6 | 6.1 | 6.7 |
| -56.25° | 0.0 | 0.6 | 1.1 | 1.7 | 2.3 | 3.2 | 4.0 | 4.8 | 5.4 | 6.0 | 6.5 |
| -57.5° | 0.0 | 0.5 | 1.1 | 1.6 | 2.2 | 3.0 | 3.8 | 4.6 | 5.3 | 5.8 | 6.3 |
| -58.75° | 0.0 | 0.5 | 1.0 | 1.6 | 2.1 | 2.9 | 3.7 | 4.4 | 5.1 | 5.6 | 6.2 |
| -60° | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.7 | 3.5 | 4.2 | 5.0 | 5.5 | 6.0 |
| -61.25° | 0.0 | 0.5 | 1.0 | 1.4 | 1.9 | 2.6 | 3.3 | 4.0 | 4.7 | 5.3 | 5.8 |
| -62.5° | 0.0 | 0.5 | 0.9 | 1.4 | 1.8 | 2.5 | 3.1 | 3.8 | 4.5 | 5.1 | 5.6 |
| -63.75° | 0.0 | 0.4 | 0.9 | 1.3 | 1.8 | 2.3 | 3.0 | 3.6 | 4.3 | 4.9 | 5.4 |
| -65° | 0.0 | 0.4 | 0.8 | 1.3 | 1.7 | 2.2 | 2.8 | 3.4 | 4.1 | 4.7 | 5.2 |
| -66.25° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.6 | 3.2 | 3.8 | 4.4 | 5.0 |
| -67.5° | 0.0 | 0.4 | 0.8 | 1.1 | 1.5 | 1.9 | 2.4 | 3.0 | 3.6 | 4.1 | 4.7 |
| -68.75° | 0.0 | 0.4 | 0.7 | 1.1 | 1.4 | 1.8 | 2.3 | 2.8 | 3.3 | 3.9 | 4.4 |
| -70° | 0.0 | 0.3 | 0.7 | 1.0 | 1.4 | 1.7 | 2.1 | 2.6 | 3.1 | 3.6 | 4.1 |
| -71.25° | 0.0 | 0.3 | 0.6 | 1.0 | 1.3 | 1.6 | 1.9 | 2.4 | 2.8 | 3.3 | 3.8 |
| -72.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.6 | 3.0 | 3.5 |
| -73.75° | 0.0 | 0.3 | 0.6 | 0.8 | 1.1 | 1.4 | 1.7 | 2.0 | 2.3 | 2.8 | 3.2 |
| -75° | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.3 | 1.5 | 1.8 | 2.1 | 2.5 | 2.9 |
| -76.25° | 0.0 | 0.2 | 0.5 | 0.7 | 0.9 | 1.2 | 1.4 | 1.7 | 1.9 | 2.2 | 2.5 |
| -77.5° | 0.0 | 0.2 | 0.4 | 0.6 | 0.9 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 2.2 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.7 | 1.9 |
| -80° | 0.0 | 0.2 | 0.3 | 0.5 | 0.7 | 0.9 | 1.0 | 1.2 | 1.4 | 1.6 | 1.7 |
| -81.25° | 0.0 | 0.2 | 0.3 | 0.5 | 0.6 | 0.8 | 0.9 | 1.1 | 1.2 | 1.4 | 1.5 |
| -82.5° | 0.0 | 0.1 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 0.9 | 1.0 | 1.2 | 1.3 |
| -83.75° | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 |
| -85° | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 |
| -86.25° | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.5 | 0.5 | 0.6 | 0.6 |
| -87.5° | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 |
| -88.75° | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 87.5° | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.9 |
| 86.25° | 0.7 | 0.8 | 0.8 | 0.9 | 1.0 | 1.0 | 1.1 | 1.1 | 1.2 | 1.3 | 1.3 |
| 85° | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 |
| 83.75° | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.2 | 2.3 |
| 82.5° | 1.4 | 1.5 | 1.7 | 1.8 | 1.9 | 2.1 | 2.3 | 2.4 | 2.6 | 2.8 | 3.0 |
| 81.25° | 1.7 | 1.8 | 2.0 | 2.1 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 |
| 80° | 1.9 | 2.1 | 2.3 | 2.6 | 2.8 | 3.1 | 3.3 | 3.6 | 3.8 | 4.1 | 4.3 |
| 78.75° | 2.2 | 2.5 | 2.8 | 3.0 | 3.3 | 3.6 | 3.9 | 4.1 | 4.4 | 4.7 | 4.9 |
| 77.5° | 2.5 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.7 | 5.0 | 5.2 | 5.4 |
| 76.25° | 2.9 | 3.2 | 3.6 | 3.9 | 4.3 | 4.6 | 4.9 | 5.2 | 5.4 | 5.6 | 5.8 |
| 75° | 3.2 | 3.6 | 4.0 | 4.4 | 4.7 | 5.1 | 5.3 | 5.5 | 5.8 | 6.0 | 6.3 |
| 73.75° | 3.6 | 4.0 | 4.4 | 4.8 | 5.1 | 5.4 | 5.7 | 5.9 | 6.2 | 6.4 | 6.7 |
| 72.5° | 3.9 | 4.4 | 4.8 | 5.2 | 5.4 | 5.7 | 6.0 | 6.3 | 6.6 | 6.8 | 7.2 |
| 71.25° | 4.3 | 4.7 | 5.1 | 5.4 | 5.7 | 6.0 | 6.4 | 6.7 | 7.0 | 7.4 | 7.8 |
| 70° | 4.6 | 5.1 | 5.4 | 5.7 | 6.0 | 6.4 | 6.7 | 7.0 | 7.5 | 8.0 | 8.4 |
| 68.75° | 4.9 | 5.3 | 5.7 | 6.0 | 6.4 | 6.7 | 7.1 | 7.6 | 8.1 | 8.6 | 9.1 |
| 67.5° | 5.2 | 5.5 | 5.9 | 6.3 | 6.7 | 7.0 | 7.6 | 8.1 | 8.6 | 9.2 | 9.7 |
| 66.25° | 5.4 | 5.8 | 6.2 | 6.6 | 7.0 | 7.5 | 8.1 | 8.6 | 9.2 | 9.8 | 10.1 |
| 65° | 5.6 | 6.0 | 6.4 | 6.8 | 7.4 | 8.0 | 8.6 | 9.2 | 9.8 | 10.1 | 10.3 |
| 63.75° | 5.8 | 6.3 | 6.7 | 7.2 | 7.8 | 8.4 | 9.1 | 9.7 | 10.1 | 10.3 | 10.5 |
| 62.5° | 6.0 | 6.5 | 6.9 | 7.6 | 8.2 | 8.9 | 9.6 | 10.1 | 10.3 | 10.5 | 10.7 |
| 61.25° | 6.3 | 6.7 | 7.3 | 8.0 | 8.7 | 9.4 | 10.0 | 10.2 | 10.5 | 10.7 | 10.9 |
| 60° | 6.5 | 6.9 | 7.7 | 8.4 | 9.1 | 9.8 | 10.2 | 10.4 | 10.6 | 10.9 | 11.2 |
| 58.75° | 6.7 | 7.3 | 8.0 | 8.8 | 9.5 | 10.1 | 10.3 | 10.6 | 10.8 | 11.1 | 11.6 |
| 57.5° | 6.9 | 7.6 | 8.4 | 9.2 | 9.9 | 10.2 | 10.5 | 10.7 | 11.0 | 11.5 | 12.0 |
| 56.25° | 7.1 | 7.9 | 8.7 | 9.5 | 10.1 | 10.4 | 10.6 | 10.9 | 11.3 | 11.9 | 12.4 |
| 55° | 7.4 | 8.2 | 9.1 | 9.9 | 10.2 | 10.5 | 10.8 | 11.1 | 11.7 | 12.2 | 12.8 |
| 53.75° | 7.7 | 8.6 | 9.4 | 10.1 | 10.4 | 10.7 | 11.0 | 11.5 | 12.0 | 12.6 | 13.1 |
| 52.5° | 8.0 | 8.9 | 9.8 | 10.2 | 10.5 | 10.8 | 11.2 | 11.8 | 12.4 | 12.9 | 13.2 |
| 51.25° | 8.3 | 9.2 | 10.0 | 10.3 | 10.6 | 10.9 | 11.5 | 12.1 | 12.7 | 13.1 | 13.4 |
| 50° | 8.5 | 9.5 | 10.1 | 10.5 | 10.8 | 11.2 | 11.8 | 12.4 | 13.0 | 13.3 | 13.6 |
| 48.75° | 8.8 | 9.8 | 10.3 | 10.6 | 10.9 | 11.4 | 12.1 | 12.7 | 13.2 | 13.5 | 13.8 |
| 47.5° | 9.1 | 10.0 | 10.4 | 10.7 | 11.0 | 11.7 | 12.3 | 13.0 | 13.3 | 13.6 | 14.0 |
| 46.25° | 9.4 | 10.1 | 10.5 | 10.8 | 11.3 | 11.9 | 12.6 | 13.1 | 13.5 | 13.8 | 14.4 |
| 45° | 9.6 | 10.2 | 10.6 | 10.9 | 11.5 | 12.2 | 12.9 | 13.3 | 13.6 | 14.0 | 14.9 |
| 43.75° | 9.9 | 10.3 | 10.7 | 11.0 | 11.7 | 12.4 | 13.1 | 13.4 | 13.8 | 14.3 | 15.4 |
| 42.5° | 10.0 | 10.4 | 10.8 | 11.2 | 12.0 | 12.7 | 13.2 | 13.6 | 13.9 | 14.8 | 15.8 |
| 41.25° | 10.1 | 10.5 | 10.9 | 11.5 | 12.2 | 12.9 | 13.3 | 13.7 | 14.2 | 15.2 | 16.3 |
| 40° | 10.2 | 10.6 | 11.0 | 11.7 | 12.4 | 13.1 | 13.4 | 13.8 | 14.6 | 15.7 | 16.8 |
| 38.75° | 10.3 | 10.7 | 11.1 | 11.9 | 12.6 | 13.2 | 13.6 | 13.9 | 15.0 | 16.1 | 17.2 |
| 37.5° | 10.3 | 10.7 | 11.3 | 12.0 | 12.8 | 13.3 | 13.7 | 14.2 | 15.4 | 16.5 | 17.7 |
| 36.25° | 10.4 | 10.8 | 11.4 | 12.2 | 13.0 | 13.4 | 13.8 | 14.6 | 15.7 | 16.9 | 18.1 |
| 35° | 10.5 | 10.9 | 11.6 | 12.4 | 13.1 | 13.5 | 13.9 | 14.9 | 16.1 | 17.3 | 18.5 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 10.6 | 11.0 | 11.8 | 12.6 | 13.2 | 13.6 | 14.0 | 15.3 | 16.5 | 17.7 | 18.9 |
| 32.5° | 10.6 | 11.1 | 11.9 | 12.8 | 13.3 | 13.7 | 14.4 | 15.6 | 16.8 | 18.1 | 19.3 |
| 31.25° | 10.7 | 11.2 | 12.1 | 12.9 | 13.4 | 13.8 | 14.7 | 15.9 | 17.2 | 18.4 | 19.7 |
| 30° | 10.8 | 11.4 | 12.2 | 13.0 | 13.5 | 13.9 | 15.0 | 16.2 | 17.5 | 18.8 | 20.0 |
| 28.75° | 10.8 | 11.5 | 12.4 | 13.1 | 13.5 | 14.0 | 15.2 | 16.5 | 17.8 | 19.1 | 20.4 |
| 27.5° | 10.9 | 11.6 | 12.5 | 13.2 | 13.6 | 14.2 | 15.5 | 16.8 | 18.1 | 19.4 | 20.7 |
| 26.25° | 10.9 | 11.7 | 12.6 | 13.3 | 13.7 | 14.4 | 15.8 | 17.1 | 18.4 | 19.7 | 21.0 |
| 25° | 11.0 | 11.9 | 12.8 | 13.3 | 13.8 | 14.7 | 16.0 | 17.4 | 18.7 | 20.0 | 21.4 |
| 23.75° | 11.1 | 12.0 | 12.9 | 13.4 | 13.8 | 14.9 | 16.2 | 17.6 | 19.0 | 20.3 | 21.7 |
| 22.5° | 11.1 | 12.1 | 13.0 | 13.5 | 13.9 | 15.1 | 16.5 | 17.8 | 19.2 | 20.6 | 21.9 |
| 21.25° | 11.2 | 12.2 | 13.0 | 13.5 | 14.0 | 15.3 | 16.7 | 18.1 | 19.5 | 20.8 | 22.2 |
| 20° | 11.3 | 12.3 | 13.1 | 13.6 | 14.1 | 15.5 | 16.9 | 18.3 | 19.7 | 21.1 | 22.5 |
| 18.75° | 11.4 | 12.3 | 13.1 | 13.6 | 14.3 | 15.7 | 17.1 | 18.5 | 19.9 | 21.3 | 22.7 |
| 17.5° | 11.5 | 12.4 | 13.2 | 13.7 | 14.4 | 15.8 | 17.3 | 18.7 | 20.1 | 21.5 | 22.9 |
| 16.25° | 11.6 | 12.5 | 13.2 | 13.7 | 14.6 | 16.0 | 17.4 | 18.9 | 20.3 | 21.7 | 23.1 |
| 15° | 11.6 | 12.6 | 13.3 | 13.8 | 14.7 | 16.1 | 17.6 | 19.0 | 20.5 | 21.9 | 23.2 |
| 13.75° | 11.7 | 12.6 | 13.3 | 13.8 | 14.8 | 16.3 | 17.7 | 19.2 | 20.6 | 22.1 | 23.4 |
| 12.5° | 11.7 | 12.7 | 13.3 | 13.8 | 14.9 | 16.4 | 17.9 | 19.3 | 20.8 | 22.2 | 23.5 |
| 11.25° | 11.8 | 12.8 | 13.4 | 13.9 | 15.1 | 16.5 | 18.0 | 19.5 | 20.9 | 22.4 | 23.6 |
| 10° | 11.8 | 12.8 | 13.4 | 13.9 | 15.1 | 16.6 | 18.1 | 19.6 | 21.0 | 22.5 | 23.7 |
| 8.75° | 11.9 | 12.9 | 13.4 | 13.9 | 15.2 | 16.7 | 18.2 | 19.7 | 21.1 | 22.6 | 23.7 |
| 7.5° | 11.9 | 12.9 | 13.4 | 13.9 | 15.3 | 16.8 | 18.3 | 19.8 | 21.2 | 22.7 | 23.8 |
| 6.25° | 11.9 | 12.9 | 13.5 | 14.0 | 15.4 | 16.9 | 18.3 | 19.8 | 21.3 | 22.8 | 23.9 |
| 5° | 12.0 | 13.0 | 13.5 | 14.0 | 15.4 | 16.9 | 18.4 | 19.9 | 21.4 | 22.9 | 23.9 |
| 3.75° | 12.0 | 13.0 | 13.5 | 14.0 | 15.5 | 16.9 | 18.4 | 19.9 | 21.4 | 22.9 | 24.0 |
| 2.5° | 12.0 | 13.0 | 13.5 | 14.0 | 15.5 | 17.0 | 18.5 | 20.0 | 21.5 | 23.0 | 24.0 |
| 1.25° | 12.0 | 13.0 | 13.5 | 14.0 | 15.5 | 17.0 | 18.5 | 20.0 | 21.5 | 23.0 | 24.0 |
| 0° | 12.0 | 13.0 | 13.5 | 14.0 | 15.5 | 17.0 | 18.5 | 20.0 | 21.5 | 23.0 | 24.0 |
| -1.25° | 12.0 | 13.0 | 13.5 | 14.0 | 15.5 | 17.0 | 18.5 | 20.0 | 21.5 | 23.0 | 24.0 |
| -2.5° | 12.0 | 13.0 | 13.5 | 14.0 | 15.5 | 17.0 | 18.5 | 20.0 | 21.5 | 23.0 | 24.0 |
| -3.75° | 12.0 | 13.0 | 13.5 | 14.0 | 15.5 | 16.9 | 18.4 | 19.9 | 21.4 | 22.9 | 24.0 |
| -5° | 12.0 | 13.0 | 13.5 | 14.0 | 15.4 | 16.9 | 18.4 | 19.9 | 21.4 | 22.9 | 23.9 |
| -6.25° | 11.9 | 12.9 | 13.5 | 14.0 | 15.4 | 16.9 | 18.3 | 19.8 | 21.3 | 22.8 | 23.9 |
| -7.5° | 11.9 | 12.9 | 13.4 | 13.9 | 15.3 | 16.8 | 18.3 | 19.8 | 21.2 | 22.7 | 23.8 |
| -8.75° | 11.9 | 12.9 | 13.4 | 13.9 | 15.2 | 16.7 | 18.2 | 19.7 | 21.1 | 22.6 | 23.7 |
| -10° | 11.8 | 12.8 | 13.4 | 13.9 | 15.1 | 16.6 | 18.1 | 19.6 | 21.0 | 22.5 | 23.7 |
| -11.25° | 11.8 | 12.8 | 13.4 | 13.9 | 15.1 | 16.5 | 18.0 | 19.5 | 20.9 | 22.4 | 23.6 |
| -12.5° | 11.7 | 12.7 | 13.3 | 13.8 | 14.9 | 16.4 | 17.9 | 19.3 | 20.8 | 22.2 | 23.5 |
| -13.75° | 11.7 | 12.6 | 13.3 | 13.8 | 14.8 | 16.3 | 17.7 | 19.2 | 20.6 | 22.1 | 23.4 |
| -15° | 11.6 | 12.6 | 13.3 | 13.8 | 14.7 | 16.1 | 17.6 | 19.0 | 20.5 | 21.9 | 23.2 |
| -16.25° | 11.6 | 12.5 | 13.2 | 13.7 | 14.6 | 16.0 | 17.4 | 18.9 | 20.3 | 21.7 | 23.1 |
| -17.5° | 11.5 | 12.4 | 13.2 | 13.7 | 14.4 | 15.8 | 17.3 | 18.7 | 20.1 | 21.5 | 22.9 |
| -18.75° | 11.4 | 12.3 | 13.1 | 13.6 | 14.3 | 15.7 | 17.1 | 18.5 | 19.9 | 21.3 | 22.7 |
| -20° | 11.3 | 12.3 | 13.1 | 13.6 | 14.1 | 15.5 | 16.9 | 18.3 | 19.7 | 21.1 | 22.5 |
| -21.25° | 11.2 | 12.2 | 13.0 | 13.5 | 14.0 | 15.3 | 16.7 | 18.1 | 19.5 | 20.8 | 22.2 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -22.5° | 11.1 | 12.1 | 13.0 | 13.5 | 13.9 | 15.1 | 16.5 | 17.8 | 19.2 | 20.6 | 21.9 |
| -23.75° | 11.1 | 12.0 | 12.9 | 13.4 | 13.8 | 14.9 | 16.2 | 17.6 | 19.0 | 20.3 | 21.7 |
| -25° | 11.0 | 11.9 | 12.8 | 13.3 | 13.8 | 14.7 | 16.0 | 17.4 | 18.7 | 20.0 | 21.4 |
| -26.25° | 10.9 | 11.7 | 12.6 | 13.3 | 13.7 | 14.4 | 15.8 | 17.1 | 18.4 | 19.7 | 21.0 |
| -27.5° | 10.9 | 11.6 | 12.5 | 13.2 | 13.6 | 14.2 | 15.5 | 16.8 | 18.1 | 19.4 | 20.7 |
| -28.75° | 10.8 | 11.5 | 12.4 | 13.1 | 13.5 | 14.0 | 15.2 | 16.5 | 17.8 | 19.1 | 20.4 |
| -30° | 10.8 | 11.4 | 12.2 | 13.0 | 13.5 | 13.9 | 15.0 | 16.2 | 17.5 | 18.8 | 20.0 |
| -31.25° | 10.7 | 11.2 | 12.1 | 12.9 | 13.4 | 13.8 | 14.7 | 15.9 | 17.2 | 18.4 | 19.7 |
| -32.5° | 10.6 | 11.1 | 11.9 | 12.8 | 13.3 | 13.7 | 14.4 | 15.6 | 16.8 | 18.1 | 19.3 |
| -33.75° | 10.6 | 11.0 | 11.8 | 12.6 | 13.2 | 13.6 | 14.0 | 15.3 | 16.5 | 17.7 | 18.9 |
| -35° | 10.5 | 10.9 | 11.6 | 12.4 | 13.1 | 13.5 | 13.9 | 14.9 | 16.1 | 17.3 | 18.5 |
| -36.25° | 10.4 | 10.8 | 11.4 | 12.2 | 13.0 | 13.4 | 13.8 | 14.6 | 15.7 | 16.9 | 18.1 |
| -37.5° | 10.3 | 10.7 | 11.3 | 12.0 | 12.8 | 13.3 | 13.7 | 14.2 | 15.4 | 16.5 | 17.7 |
| -38.75° | 10.3 | 10.7 | 11.1 | 11.9 | 12.6 | 13.2 | 13.6 | 13.9 | 15.0 | 16.1 | 17.2 |
| -40° | 10.2 | 10.6 | 11.0 | 11.7 | 12.4 | 13.1 | 13.4 | 13.8 | 14.6 | 15.7 | 16.8 |
| -41.25° | 10.1 | 10.5 | 10.9 | 11.5 | 12.2 | 12.9 | 13.3 | 13.7 | 14.2 | 15.2 | 16.3 |
| -42.5° | 10.0 | 10.4 | 10.8 | 11.2 | 12.0 | 12.7 | 13.2 | 13.6 | 13.9 | 14.8 | 15.8 |
| -43.75° | 9.9 | 10.3 | 10.7 | 11.0 | 11.7 | 12.4 | 13.1 | 13.4 | 13.8 | 14.3 | 15.4 |
| -45° | 9.6 | 10.2 | 10.6 | 10.9 | 11.5 | 12.2 | 12.9 | 13.3 | 13.6 | 14.0 | 14.9 |
| -46.25° | 9.4 | 10.1 | 10.5 | 10.8 | 11.3 | 11.9 | 12.6 | 13.1 | 13.5 | 13.8 | 14.4 |
| -47.5° | 9.1 | 10.0 | 10.4 | 10.7 | 11.0 | 11.7 | 12.3 | 13.0 | 13.3 | 13.6 | 14.0 |
| -48.75° | 8.8 | 9.8 | 10.3 | 10.6 | 10.9 | 11.4 | 12.1 | 12.7 | 13.2 | 13.5 | 13.8 |
| -50° | 8.5 | 9.5 | 10.1 | 10.5 | 10.8 | 11.2 | 11.8 | 12.4 | 13.0 | 13.3 | 13.6 |
| -51.25° | 8.3 | 9.2 | 10.0 | 10.3 | 10.6 | 10.9 | 11.5 | 12.1 | 12.7 | 13.1 | 13.4 |
| -52.5° | 8.0 | 8.9 | 9.8 | 10.2 | 10.5 | 10.8 | 11.2 | 11.8 | 12.4 | 12.9 | 13.2 |
| -53.75° | 7.7 | 8.6 | 9.4 | 10.1 | 10.4 | 10.7 | 11.0 | 11.5 | 12.0 | 12.6 | 13.1 |
| -55° | 7.4 | 8.2 | 9.1 | 9.9 | 10.2 | 10.5 | 10.8 | 11.1 | 11.7 | 12.2 | 12.8 |
| -56.25° | 7.1 | 7.9 | 8.7 | 9.5 | 10.1 | 10.4 | 10.6 | 10.9 | 11.3 | 11.9 | 12.4 |
| -57.5° | 6.9 | 7.6 | 8.4 | 9.2 | 9.9 | 10.2 | 10.5 | 10.7 | 11.0 | 11.5 | 12.0 |
| -58.75° | 6.7 | 7.3 | 8.0 | 8.8 | 9.5 | 10.1 | 10.3 | 10.6 | 10.8 | 11.1 | 11.6 |
| -60° | 6.5 | 6.9 | 7.7 | 8.4 | 9.1 | 9.8 | 10.2 | 10.4 | 10.6 | 10.9 | 11.2 |
| -61.25° | 6.3 | 6.7 | 7.3 | 8.0 | 8.7 | 9.4 | 10.0 | 10.2 | 10.5 | 10.7 | 10.9 |
| -62.5° | 6.0 | 6.5 | 6.9 | 7.6 | 8.2 | 8.9 | 9.6 | 10.1 | 10.3 | 10.5 | 10.7 |
| -63.75° | 5.8 | 6.3 | 6.7 | 7.2 | 7.8 | 8.4 | 9.1 | 9.7 | 10.1 | 10.3 | 10.5 |
| -65° | 5.6 | 6.0 | 6.4 | 6.8 | 7.4 | 8.0 | 8.6 | 9.2 | 9.8 | 10.1 | 10.3 |
| -66.25° | 5.4 | 5.8 | 6.2 | 6.6 | 7.0 | 7.5 | 8.1 | 8.6 | 9.2 | 9.8 | 10.1 |
| -67.5° | 5.2 | 5.5 | 5.9 | 6.3 | 6.7 | 7.0 | 7.6 | 8.1 | 8.6 | 9.2 | 9.7 |
| -68.75° | 4.9 | 5.3 | 5.7 | 6.0 | 6.4 | 6.7 | 7.1 | 7.6 | 8.1 | 8.6 | 9.1 |
| -70° | 4.6 | 5.1 | 5.4 | 5.7 | 6.0 | 6.4 | 6.7 | 7.0 | 7.5 | 8.0 | 8.4 |
| -71.25° | 4.3 | 4.7 | 5.1 | 5.4 | 5.7 | 6.0 | 6.4 | 6.7 | 7.0 | 7.4 | 7.8 |
| -72.5° | 3.9 | 4.4 | 4.8 | 5.2 | 5.4 | 5.7 | 6.0 | 6.3 | 6.6 | 6.8 | 7.2 |
| -73.75° | 3.6 | 4.0 | 4.4 | 4.8 | 5.1 | 5.4 | 5.7 | 5.9 | 6.2 | 6.4 | 6.7 |
| -75° | 3.2 | 3.6 | 4.0 | 4.4 | 4.7 | 5.1 | 5.3 | 5.5 | 5.8 | 6.0 | 6.3 |
| -76.25° | 2.9 | 3.2 | 3.6 | 3.9 | 4.3 | 4.6 | 4.9 | 5.2 | 5.4 | 5.6 | 5.8 |
| -77.5° | 2.5 | 2.9 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.7 | 5.0 | 5.2 | 5.4 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 2.2 | 2.5 | 2.8 | 3.0 | 3.3 | 3.6 | 3.9 | 4.1 | 4.4 | 4.7 | 4.9 |
| -80° | 1.9 | 2.1 | 2.3 | 2.6 | 2.8 | 3.1 | 3.3 | 3.6 | 3.8 | 4.1 | 4.3 |
| -81.25° | 1.7 | 1.8 | 2.0 | 2.1 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 |
| -82.5° | 1.4 | 1.5 | 1.7 | 1.8 | 1.9 | 2.1 | 2.3 | 2.4 | 2.6 | 2.8 | 3.0 |
| -83.75° | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.2 | 2.3 |
| -85° | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 |
| -86.25° | 0.7 | 0.8 | 0.8 | 0.9 | 1.0 | 1.0 | 1.1 | 1.1 | 1.2 | 1.3 | 1.3 |
| -87.5° | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.9 |
| -88.75° | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|--------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| 87.5° | 0.9 | 1.0 | 1.0 | 1.0 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.3 | 1.3 |
| 86.25° | 1.4 | 1.4 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 | 1.8 | 1.8 | 1.9 | 1.9 |
| 85° | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 |
| 83.75° | 2.5 | 2.6 | 2.7 | 2.9 | 3.0 | 3.2 | 3.3 | 3.4 | 3.6 | 3.7 | 3.8 |
| 82.5° | 3.1 | 3.3 | 3.5 | 3.7 | 3.8 | 4.0 | 4.2 | 4.3 | 4.5 | 4.6 | 4.8 |
| 81.25° | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.1 | 5.3 | 5.4 | 5.5 |
| 80° | 4.5 | 4.7 | 5.0 | 5.1 | 5.3 | 5.4 | 5.6 | 5.7 | 5.9 | 6.0 | 6.1 |
| 78.75° | 5.1 | 5.3 | 5.5 | 5.6 | 5.8 | 6.0 | 6.1 | 6.3 | 6.5 | 6.6 | 6.8 |
| 77.5° | 5.6 | 5.8 | 6.0 | 6.2 | 6.3 | 6.5 | 6.7 | 6.9 | 7.1 | 7.3 | 7.6 |
| 76.25° | 6.0 | 6.3 | 6.5 | 6.7 | 6.9 | 7.1 | 7.4 | 7.7 | 8.0 | 8.3 | 8.5 |
| 75° | 6.5 | 6.7 | 6.9 | 7.3 | 7.6 | 7.9 | 8.2 | 8.6 | 8.9 | 9.2 | 9.5 |
| 73.75° | 6.9 | 7.3 | 7.7 | 8.0 | 8.4 | 8.7 | 9.1 | 9.4 | 9.8 | 10.0 | 10.1 |
| 72.5° | 7.6 | 8.0 | 8.4 | 8.8 | 9.2 | 9.5 | 9.9 | 10.1 | 10.2 | 10.3 | 10.5 |
| 71.25° | 8.2 | 8.7 | 9.1 | 9.5 | 9.9 | 10.1 | 10.2 | 10.4 | 10.5 | 10.6 | 10.8 |
| 70° | 8.9 | 9.4 | 9.8 | 10.1 | 10.2 | 10.4 | 10.5 | 10.7 | 10.8 | 10.9 | 11.2 |
| 68.75° | 9.6 | 10.0 | 10.2 | 10.3 | 10.5 | 10.6 | 10.8 | 11.0 | 11.2 | 11.5 | 11.8 |
| 67.5° | 10.1 | 10.2 | 10.4 | 10.6 | 10.7 | 10.9 | 11.1 | 11.5 | 11.8 | 12.1 | 12.4 |
| 66.25° | 10.3 | 10.5 | 10.6 | 10.8 | 11.0 | 11.3 | 11.7 | 12.0 | 12.4 | 12.7 | 13.0 |
| 65° | 10.5 | 10.7 | 10.9 | 11.1 | 11.5 | 11.9 | 12.2 | 12.6 | 12.9 | 13.1 | 13.3 |
| 63.75° | 10.7 | 10.9 | 11.2 | 11.6 | 12.0 | 12.4 | 12.8 | 13.1 | 13.2 | 13.4 | 13.6 |
| 62.5° | 10.9 | 11.3 | 11.7 | 12.1 | 12.5 | 12.9 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 |
| 61.25° | 11.3 | 11.7 | 12.1 | 12.6 | 13.0 | 13.2 | 13.4 | 13.6 | 13.8 | 14.0 | 14.6 |
| 60° | 11.7 | 12.1 | 12.6 | 13.0 | 13.2 | 13.5 | 13.7 | 13.9 | 14.3 | 14.9 | 15.5 |
| 58.75° | 12.1 | 12.6 | 13.0 | 13.2 | 13.5 | 13.7 | 13.9 | 14.4 | 15.1 | 15.7 | 16.4 |
| 57.5° | 12.5 | 13.0 | 13.2 | 13.5 | 13.7 | 13.9 | 14.5 | 15.2 | 15.9 | 16.6 | 17.2 |
| 56.25° | 12.9 | 13.2 | 13.5 | 13.7 | 13.9 | 14.6 | 15.3 | 16.0 | 16.7 | 17.4 | 18.1 |
| 55° | 13.1 | 13.4 | 13.7 | 13.9 | 14.5 | 15.3 | 16.0 | 16.8 | 17.5 | 18.2 | 19.0 |
| 53.75° | 13.3 | 13.6 | 13.9 | 14.4 | 15.2 | 16.0 | 16.8 | 17.6 | 18.3 | 19.1 | 19.8 |
| 52.5° | 13.5 | 13.8 | 14.3 | 15.1 | 15.9 | 16.7 | 17.5 | 18.3 | 19.1 | 19.9 | 20.6 |
| 51.25° | 13.7 | 14.0 | 14.9 | 15.7 | 16.6 | 17.4 | 18.2 | 19.1 | 19.9 | 20.7 | 21.5 |
| 50° | 13.9 | 14.6 | 15.5 | 16.4 | 17.2 | 18.1 | 19.0 | 19.8 | 20.6 | 21.5 | 22.3 |
| 48.75° | 14.3 | 15.2 | 16.1 | 17.0 | 17.9 | 18.8 | 19.7 | 20.5 | 21.4 | 22.2 | 23.1 |
| 47.5° | 14.8 | 15.8 | 16.7 | 17.6 | 18.5 | 19.5 | 20.4 | 21.3 | 22.1 | 23.0 | 23.6 |
| 46.25° | 15.3 | 16.3 | 17.3 | 18.2 | 19.2 | 20.1 | 21.0 | 22.0 | 22.9 | 23.5 | 24.1 |
| 45° | 15.9 | 16.9 | 17.8 | 18.8 | 19.8 | 20.8 | 21.7 | 22.7 | 23.4 | 24.0 | 24.6 |
| 43.75° | 16.4 | 17.4 | 18.4 | 19.4 | 20.4 | 21.4 | 22.4 | 23.2 | 23.9 | 24.5 | 25.1 |
| 42.5° | 16.9 | 17.9 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 23.7 | 24.3 | 25.0 | 25.6 |
| 41.25° | 17.4 | 18.4 | 19.5 | 20.5 | 21.6 | 22.6 | 23.4 | 24.1 | 24.8 | 25.5 | 26.1 |
| 40° | 17.9 | 18.9 | 20.0 | 21.1 | 22.2 | 23.2 | 23.9 | 24.5 | 25.2 | 25.9 | 26.6 |
| 38.75° | 18.3 | 19.4 | 20.5 | 21.6 | 22.7 | 23.5 | 24.3 | 25.0 | 25.7 | 26.4 | 27.0 |
| 37.5° | 18.8 | 19.9 | 21.0 | 22.2 | 23.2 | 23.9 | 24.7 | 25.4 | 26.1 | 26.8 | 27.3 |
| 36.25° | 19.2 | 20.4 | 21.5 | 22.7 | 23.5 | 24.3 | 25.0 | 25.8 | 26.5 | 27.1 | 27.5 |
| 35° | 19.7 | 20.8 | 22.0 | 23.1 | 23.9 | 24.7 | 25.4 | 26.2 | 26.9 | 27.3 | 27.7 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 20.1 | 21.3 | 22.5 | 23.4 | 24.2 | 25.0 | 25.8 | 26.6 | 27.2 | 27.5 | 27.9 |
| 32.5° | 20.5 | 21.7 | 22.9 | 23.8 | 24.6 | 25.4 | 26.1 | 26.9 | 27.4 | 27.7 | 28.1 |
| 31.25° | 20.9 | 22.1 | 23.2 | 24.1 | 24.9 | 25.7 | 26.5 | 27.1 | 27.5 | 27.9 | 28.3 |
| 30° | 21.3 | 22.5 | 23.5 | 24.4 | 25.2 | 26.0 | 26.8 | 27.3 | 27.7 | 28.1 | 28.5 |
| 28.75° | 21.7 | 22.9 | 23.8 | 24.6 | 25.5 | 26.3 | 27.1 | 27.5 | 27.9 | 28.3 | 28.7 |
| 27.5° | 22.0 | 23.2 | 24.1 | 24.9 | 25.8 | 26.6 | 27.2 | 27.7 | 28.1 | 28.5 | 28.9 |
| 26.25° | 22.4 | 23.4 | 24.3 | 25.2 | 26.0 | 26.9 | 27.4 | 27.8 | 28.2 | 28.7 | 29.1 |
| 25° | 22.7 | 23.7 | 24.6 | 25.4 | 26.3 | 27.1 | 27.5 | 28.0 | 28.4 | 28.8 | 29.3 |
| 23.75° | 23.0 | 23.9 | 24.8 | 25.7 | 26.6 | 27.2 | 27.7 | 28.1 | 28.5 | 29.0 | 29.4 |
| 22.5° | 23.2 | 24.1 | 25.0 | 25.9 | 26.8 | 27.4 | 27.8 | 28.2 | 28.7 | 29.1 | 29.6 |
| 21.25° | 23.4 | 24.3 | 25.2 | 26.1 | 27.0 | 27.5 | 27.9 | 28.4 | 28.8 | 29.3 | 29.7 |
| 20° | 23.6 | 24.5 | 25.4 | 26.3 | 27.1 | 27.6 | 28.0 | 28.5 | 29.0 | 29.4 | 29.9 |
| 18.75° | 23.7 | 24.7 | 25.6 | 26.5 | 27.2 | 27.7 | 28.2 | 28.6 | 29.1 | 29.5 | 30.0 |
| 17.5° | 23.9 | 24.8 | 25.8 | 26.7 | 27.3 | 27.8 | 28.3 | 28.7 | 29.2 | 29.7 | 30.1 |
| 16.25° | 24.1 | 25.0 | 25.9 | 26.9 | 27.4 | 27.9 | 28.4 | 28.8 | 29.3 | 29.8 | 30.2 |
| 15° | 24.2 | 25.1 | 26.1 | 27.0 | 27.5 | 28.0 | 28.5 | 28.9 | 29.4 | 29.9 | 30.4 |
| 13.75° | 24.3 | 25.3 | 26.2 | 27.1 | 27.6 | 28.1 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 |
| 12.5° | 24.4 | 25.4 | 26.4 | 27.2 | 27.7 | 28.1 | 28.6 | 29.1 | 29.6 | 30.1 | 30.5 |
| 11.25° | 24.5 | 25.5 | 26.5 | 27.2 | 27.7 | 28.2 | 28.7 | 29.2 | 29.7 | 30.1 | 30.6 |
| 10° | 24.6 | 25.6 | 26.6 | 27.3 | 27.8 | 28.3 | 28.8 | 29.2 | 29.7 | 30.2 | 30.7 |
| 8.75° | 24.7 | 25.7 | 26.7 | 27.3 | 27.8 | 28.3 | 28.8 | 29.3 | 29.8 | 30.3 | 30.8 |
| 7.5° | 24.8 | 25.8 | 26.8 | 27.4 | 27.9 | 28.4 | 28.9 | 29.4 | 29.8 | 30.3 | 30.8 |
| 6.25° | 24.9 | 25.9 | 26.8 | 27.4 | 27.9 | 28.4 | 28.9 | 29.4 | 29.9 | 30.4 | 30.9 |
| 5° | 24.9 | 25.9 | 26.9 | 27.4 | 27.9 | 28.4 | 28.9 | 29.4 | 29.9 | 30.4 | 30.9 |
| 3.75° | 24.9 | 25.9 | 26.9 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 |
| 2.5° | 25.0 | 26.0 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 |
| 1.25° | 25.0 | 26.0 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 |
| 0° | 25.0 | 26.0 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 |
| -1.25° | 25.0 | 26.0 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 |
| -2.5° | 25.0 | 26.0 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 |
| -3.75° | 24.9 | 25.9 | 26.9 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 |
| -5° | 24.9 | 25.9 | 26.9 | 27.4 | 27.9 | 28.4 | 28.9 | 29.4 | 29.9 | 30.4 | 30.9 |
| -6.25° | 24.9 | 25.9 | 26.8 | 27.4 | 27.9 | 28.4 | 28.9 | 29.4 | 29.9 | 30.4 | 30.9 |
| -7.5° | 24.8 | 25.8 | 26.8 | 27.4 | 27.9 | 28.4 | 28.9 | 29.4 | 29.8 | 30.3 | 30.8 |
| -8.75° | 24.7 | 25.7 | 26.7 | 27.3 | 27.8 | 28.3 | 28.8 | 29.3 | 29.8 | 30.3 | 30.8 |
| -10° | 24.6 | 25.6 | 26.6 | 27.3 | 27.8 | 28.3 | 28.8 | 29.2 | 29.7 | 30.2 | 30.7 |
| -11.25° | 24.5 | 25.5 | 26.5 | 27.2 | 27.7 | 28.2 | 28.7 | 29.2 | 29.7 | 30.1 | 30.6 |
| -12.5° | 24.4 | 25.4 | 26.4 | 27.2 | 27.7 | 28.1 | 28.6 | 29.1 | 29.6 | 30.1 | 30.5 |
| -13.75° | 24.3 | 25.3 | 26.2 | 27.1 | 27.6 | 28.1 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 |
| -15° | 24.2 | 25.1 | 26.1 | 27.0 | 27.5 | 28.0 | 28.5 | 28.9 | 29.4 | 29.9 | 30.4 |
| -16.25° | 24.1 | 25.0 | 25.9 | 26.9 | 27.4 | 27.9 | 28.4 | 28.8 | 29.3 | 29.8 | 30.2 |
| -17.5° | 23.9 | 24.8 | 25.8 | 26.7 | 27.3 | 27.8 | 28.3 | 28.7 | 29.2 | 29.7 | 30.1 |
| -18.75° | 23.7 | 24.7 | 25.6 | 26.5 | 27.2 | 27.7 | 28.2 | 28.6 | 29.1 | 29.5 | 30.0 |
| -20° | 23.6 | 24.5 | 25.4 | 26.3 | 27.1 | 27.6 | 28.0 | 28.5 | 29.0 | 29.4 | 29.9 |
| -21.25° | 23.4 | 24.3 | 25.2 | 26.1 | 27.0 | 27.5 | 27.9 | 28.4 | 28.8 | 29.3 | 29.7 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 23.2 | 24.1 | 25.0 | 25.9 | 26.8 | 27.4 | 27.8 | 28.2 | 28.7 | 29.1 | 29.6 |
| -23.75° | 23.0 | 23.9 | 24.8 | 25.7 | 26.6 | 27.2 | 27.7 | 28.1 | 28.5 | 29.0 | 29.4 |
| -25° | 22.7 | 23.7 | 24.6 | 25.4 | 26.3 | 27.1 | 27.5 | 28.0 | 28.4 | 28.8 | 29.3 |
| -26.25° | 22.4 | 23.4 | 24.3 | 25.2 | 26.0 | 26.9 | 27.4 | 27.8 | 28.2 | 28.7 | 29.1 |
| -27.5° | 22.0 | 23.2 | 24.1 | 24.9 | 25.8 | 26.6 | 27.2 | 27.7 | 28.1 | 28.5 | 28.9 |
| -28.75° | 21.7 | 22.9 | 23.8 | 24.6 | 25.5 | 26.3 | 27.1 | 27.5 | 27.9 | 28.3 | 28.7 |
| -30° | 21.3 | 22.5 | 23.5 | 24.4 | 25.2 | 26.0 | 26.8 | 27.3 | 27.7 | 28.1 | 28.5 |
| -31.25° | 20.9 | 22.1 | 23.2 | 24.1 | 24.9 | 25.7 | 26.5 | 27.1 | 27.5 | 27.9 | 28.3 |
| -32.5° | 20.5 | 21.7 | 22.9 | 23.8 | 24.6 | 25.4 | 26.1 | 26.9 | 27.4 | 27.7 | 28.1 |
| -33.75° | 20.1 | 21.3 | 22.5 | 23.4 | 24.2 | 25.0 | 25.8 | 26.6 | 27.2 | 27.5 | 27.9 |
| -35° | 19.7 | 20.8 | 22.0 | 23.1 | 23.9 | 24.7 | 25.4 | 26.2 | 26.9 | 27.3 | 27.7 |
| -36.25° | 19.2 | 20.4 | 21.5 | 22.7 | 23.5 | 24.3 | 25.0 | 25.8 | 26.5 | 27.1 | 27.5 |
| -37.5° | 18.8 | 19.9 | 21.0 | 22.2 | 23.2 | 23.9 | 24.7 | 25.4 | 26.1 | 26.8 | 27.3 |
| -38.75° | 18.3 | 19.4 | 20.5 | 21.6 | 22.7 | 23.5 | 24.3 | 25.0 | 25.7 | 26.4 | 27.0 |
| -40° | 17.9 | 18.9 | 20.0 | 21.1 | 22.2 | 23.2 | 23.9 | 24.5 | 25.2 | 25.9 | 26.6 |
| -41.25° | 17.4 | 18.4 | 19.5 | 20.5 | 21.6 | 22.6 | 23.4 | 24.1 | 24.8 | 25.5 | 26.1 |
| -42.5° | 16.9 | 17.9 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 23.7 | 24.3 | 25.0 | 25.6 |
| -43.75° | 16.4 | 17.4 | 18.4 | 19.4 | 20.4 | 21.4 | 22.4 | 23.2 | 23.9 | 24.5 | 25.1 |
| -45° | 15.9 | 16.9 | 17.8 | 18.8 | 19.8 | 20.8 | 21.7 | 22.7 | 23.4 | 24.0 | 24.6 |
| -46.25° | 15.3 | 16.3 | 17.3 | 18.2 | 19.2 | 20.1 | 21.0 | 22.0 | 22.9 | 23.5 | 24.1 |
| -47.5° | 14.8 | 15.8 | 16.7 | 17.6 | 18.5 | 19.5 | 20.4 | 21.3 | 22.1 | 23.0 | 23.6 |
| -48.75° | 14.3 | 15.2 | 16.1 | 17.0 | 17.9 | 18.8 | 19.7 | 20.5 | 21.4 | 22.2 | 23.1 |
| -50° | 13.9 | 14.6 | 15.5 | 16.4 | 17.2 | 18.1 | 19.0 | 19.8 | 20.6 | 21.5 | 22.3 |
| -51.25° | 13.7 | 14.0 | 14.9 | 15.7 | 16.6 | 17.4 | 18.2 | 19.1 | 19.9 | 20.7 | 21.5 |
| -52.5° | 13.5 | 13.8 | 14.3 | 15.1 | 15.9 | 16.7 | 17.5 | 18.3 | 19.1 | 19.9 | 20.6 |
| -53.75° | 13.3 | 13.6 | 13.9 | 14.4 | 15.2 | 16.0 | 16.8 | 17.6 | 18.3 | 19.1 | 19.8 |
| -55° | 13.1 | 13.4 | 13.7 | 13.9 | 14.5 | 15.3 | 16.0 | 16.8 | 17.5 | 18.2 | 19.0 |
| -56.25° | 12.9 | 13.2 | 13.5 | 13.7 | 13.9 | 14.6 | 15.3 | 16.0 | 16.7 | 17.4 | 18.1 |
| -57.5° | 12.5 | 13.0 | 13.2 | 13.5 | 13.7 | 13.9 | 14.5 | 15.2 | 15.9 | 16.6 | 17.2 |
| -58.75° | 12.1 | 12.6 | 13.0 | 13.2 | 13.5 | 13.7 | 13.9 | 14.4 | 15.1 | 15.7 | 16.4 |
| -60° | 11.7 | 12.1 | 12.6 | 13.0 | 13.2 | 13.5 | 13.7 | 13.9 | 14.3 | 14.9 | 15.5 |
| -61.25° | 11.3 | 11.7 | 12.1 | 12.6 | 13.0 | 13.2 | 13.4 | 13.6 | 13.8 | 14.0 | 14.6 |
| -62.5° | 10.9 | 11.3 | 11.7 | 12.1 | 12.5 | 12.9 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 |
| -63.75° | 10.7 | 10.9 | 11.2 | 11.6 | 12.0 | 12.4 | 12.8 | 13.1 | 13.2 | 13.4 | 13.6 |
| -65° | 10.5 | 10.7 | 10.9 | 11.1 | 11.5 | 11.9 | 12.2 | 12.6 | 12.9 | 13.1 | 13.3 |
| -66.25° | 10.3 | 10.5 | 10.6 | 10.8 | 11.0 | 11.3 | 11.7 | 12.0 | 12.4 | 12.7 | 13.0 |
| -67.5° | 10.1 | 10.2 | 10.4 | 10.6 | 10.7 | 10.9 | 11.1 | 11.5 | 11.8 | 12.1 | 12.4 |
| -68.75° | 9.6 | 10.0 | 10.2 | 10.3 | 10.5 | 10.6 | 10.8 | 11.0 | 11.2 | 11.5 | 11.8 |
| -70° | 8.9 | 9.4 | 9.8 | 10.1 | 10.2 | 10.4 | 10.5 | 10.7 | 10.8 | 10.9 | 11.2 |
| -71.25° | 8.2 | 8.7 | 9.1 | 9.5 | 9.9 | 10.1 | 10.2 | 10.4 | 10.5 | 10.6 | 10.8 |
| -72.5° | 7.6 | 8.0 | 8.4 | 8.8 | 9.2 | 9.5 | 9.9 | 10.1 | 10.2 | 10.3 | 10.5 |
| -73.75° | 6.9 | 7.3 | 7.7 | 8.0 | 8.4 | 8.7 | 9.1 | 9.4 | 9.8 | 10.0 | 10.1 |
| -75° | 6.5 | 6.7 | 6.9 | 7.3 | 7.6 | 7.9 | 8.2 | 8.6 | 8.9 | 9.2 | 9.5 |
| -76.25° | 6.0 | 6.3 | 6.5 | 6.7 | 6.9 | 7.1 | 7.4 | 7.7 | 8.0 | 8.3 | 8.5 |
| -77.5° | 5.6 | 5.8 | 6.0 | 6.2 | 6.3 | 6.5 | 6.7 | 6.9 | 7.1 | 7.3 | 7.6 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 5.1 | 5.3 | 5.5 | 5.6 | 5.8 | 6.0 | 6.1 | 6.3 | 6.5 | 6.6 | 6.8 |
| -80° | 4.5 | 4.7 | 5.0 | 5.1 | 5.3 | 5.4 | 5.6 | 5.7 | 5.9 | 6.0 | 6.1 |
| -81.25° | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.1 | 5.3 | 5.4 | 5.5 |
| -82.5° | 3.1 | 3.3 | 3.5 | 3.7 | 3.8 | 4.0 | 4.2 | 4.3 | 4.5 | 4.6 | 4.8 |
| -83.75° | 2.5 | 2.6 | 2.7 | 2.9 | 3.0 | 3.2 | 3.3 | 3.4 | 3.6 | 3.7 | 3.8 |
| -85° | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 |
| -86.25° | 1.4 | 1.4 | 1.5 | 1.6 | 1.6 | 1.7 | 1.7 | 1.8 | 1.8 | 1.9 | 1.9 |
| -87.5° | 0.9 | 1.0 | 1.0 | 1.0 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.3 | 1.3 |
| -88.75° | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|--------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| 87.5° | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 |
| 86.25° | 2.0 | 2.0 | 2.1 | 2.2 | 2.2 | 2.3 | 2.4 | 2.4 | 2.5 | 2.6 | 2.6 |
| 85° | 3.0 | 3.1 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.8 |
| 83.75° | 3.9 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 |
| 82.5° | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.8 |
| 81.25° | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.2 | 6.3 | 6.4 | 6.5 | 6.5 | 6.6 |
| 80° | 6.3 | 6.4 | 6.5 | 6.6 | 6.8 | 6.9 | 7.0 | 7.2 | 7.3 | 7.5 | 7.7 |
| 78.75° | 6.9 | 7.1 | 7.3 | 7.5 | 7.7 | 7.9 | 8.1 | 8.3 | 8.5 | 8.7 | 8.9 |
| 77.5° | 7.8 | 8.1 | 8.3 | 8.6 | 8.8 | 9.0 | 9.2 | 9.5 | 9.7 | 9.9 | 10.0 |
| 76.25° | 8.8 | 9.1 | 9.4 | 9.6 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.3 | 10.4 |
| 75° | 9.8 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.7 | 10.8 |
| 73.75° | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.3 | 11.4 |
| 72.5° | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.2 | 11.5 | 11.7 | 11.9 | 12.0 | 12.2 |
| 71.25° | 10.9 | 11.0 | 11.3 | 11.5 | 11.7 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 |
| 70° | 11.4 | 11.7 | 11.9 | 12.2 | 12.4 | 12.7 | 12.9 | 13.1 | 13.2 | 13.3 | 13.4 |
| 68.75° | 12.1 | 12.3 | 12.6 | 12.9 | 13.1 | 13.2 | 13.3 | 13.4 | 13.6 | 13.7 | 13.8 |
| 67.5° | 12.7 | 13.0 | 13.1 | 13.3 | 13.4 | 13.6 | 13.7 | 13.8 | 13.9 | 14.2 | 14.6 |
| 66.25° | 13.2 | 13.3 | 13.5 | 13.6 | 13.8 | 13.9 | 14.2 | 14.6 | 15.0 | 15.4 | 15.7 |
| 65° | 13.5 | 13.6 | 13.8 | 14.0 | 14.3 | 14.8 | 15.2 | 15.7 | 16.1 | 16.5 | 16.9 |
| 63.75° | 13.8 | 14.0 | 14.4 | 14.9 | 15.4 | 15.8 | 16.3 | 16.8 | 17.2 | 17.7 | 18.1 |
| 62.5° | 14.3 | 14.8 | 15.3 | 15.9 | 16.4 | 16.9 | 17.4 | 17.9 | 18.3 | 18.8 | 19.2 |
| 61.25° | 15.2 | 15.8 | 16.3 | 16.9 | 17.4 | 17.9 | 18.4 | 18.9 | 19.4 | 19.9 | 20.4 |
| 60° | 16.1 | 16.7 | 17.3 | 17.8 | 18.4 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 |
| 58.75° | 17.0 | 17.6 | 18.2 | 18.8 | 19.4 | 20.0 | 20.5 | 21.1 | 21.6 | 22.2 | 22.7 |
| 57.5° | 17.9 | 18.5 | 19.2 | 19.8 | 20.4 | 21.0 | 21.6 | 22.2 | 22.7 | 23.2 | 23.5 |
| 56.25° | 18.8 | 19.5 | 20.1 | 20.8 | 21.4 | 22.0 | 22.6 | 23.2 | 23.5 | 23.9 | 24.3 |
| 55° | 19.7 | 20.4 | 21.0 | 21.7 | 22.4 | 23.0 | 23.4 | 23.9 | 24.3 | 24.7 | 25.0 |
| 53.75° | 20.5 | 21.3 | 22.0 | 22.7 | 23.2 | 23.7 | 24.1 | 24.5 | 25.0 | 25.4 | 25.8 |
| 52.5° | 21.4 | 22.1 | 22.9 | 23.4 | 23.9 | 24.3 | 24.8 | 25.2 | 25.7 | 26.1 | 26.5 |
| 51.25° | 22.2 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 25.9 | 26.4 | 26.8 | 27.1 |
| 50° | 23.1 | 23.6 | 24.1 | 24.6 | 25.1 | 25.6 | 26.1 | 26.6 | 27.0 | 27.3 | 27.5 |
| 48.75° | 23.6 | 24.2 | 24.7 | 25.2 | 25.8 | 26.3 | 26.8 | 27.1 | 27.4 | 27.6 | 27.8 |
| 47.5° | 24.2 | 24.7 | 25.3 | 25.8 | 26.4 | 26.9 | 27.2 | 27.5 | 27.7 | 28.0 | 28.2 |
| 46.25° | 24.7 | 25.3 | 25.9 | 26.4 | 27.0 | 27.3 | 27.5 | 27.8 | 28.1 | 28.3 | 28.6 |
| 45° | 25.2 | 25.8 | 26.4 | 27.0 | 27.3 | 27.6 | 27.8 | 28.1 | 28.4 | 28.6 | 28.9 |
| 43.75° | 25.8 | 26.4 | 27.0 | 27.3 | 27.6 | 27.9 | 28.2 | 28.4 | 28.7 | 29.0 | 29.3 |
| 42.5° | 26.3 | 26.9 | 27.3 | 27.6 | 27.9 | 28.2 | 28.5 | 28.8 | 29.0 | 29.3 | 29.6 |
| 41.25° | 26.8 | 27.2 | 27.5 | 27.8 | 28.2 | 28.5 | 28.8 | 29.1 | 29.4 | 29.6 | 29.9 |
| 40° | 27.1 | 27.5 | 27.8 | 28.1 | 28.4 | 28.8 | 29.1 | 29.4 | 29.7 | 30.0 | 30.3 |
| 38.75° | 27.4 | 27.7 | 28.1 | 28.4 | 28.7 | 29.0 | 29.4 | 29.7 | 30.0 | 30.3 | 30.6 |
| 37.5° | 27.6 | 28.0 | 28.3 | 28.6 | 29.0 | 29.3 | 29.6 | 30.0 | 30.3 | 30.6 | 30.9 |
| 36.25° | 27.8 | 28.2 | 28.6 | 28.9 | 29.3 | 29.6 | 29.9 | 30.3 | 30.6 | 30.9 | 31.2 |
| 35° | 28.1 | 28.4 | 28.8 | 29.2 | 29.5 | 29.9 | 30.2 | 30.5 | 30.9 | 31.2 | 31.5 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCL-W-WT-LC2-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° | 28.3 | 28.7 | 29.0 | 29.4 | 29.8 | 30.1 | 30.5 | 30.8 | 31.2 | 31.5 | 31.8 |
| 32.5° | 28.5 | 28.9 | 29.3 | 29.6 | 30.0 | 30.4 | 30.7 | 31.1 | 31.5 | 31.8 | 32.3 |
| 31.25° | 28.7 | 29.1 | 29.5 | 29.9 | 30.3 | 30.6 | 31.0 | 31.4 | 31.7 | 32.2 | 32.9 |
| 30° | 28.9 | 29.3 | 29.7 | 30.1 | 30.5 | 30.9 | 31.3 | 31.6 | 32.0 | 32.7 | 33.4 |
| 28.75° | 29.1 | 29.5 | 29.9 | 30.3 | 30.7 | 31.1 | 31.5 | 31.9 | 32.5 | 33.3 | 34.0 |
| 27.5° | 29.3 | 29.7 | 30.1 | 30.5 | 30.9 | 31.3 | 31.7 | 32.2 | 33.0 | 33.8 | 34.3 |
| 26.25° | 29.5 | 29.9 | 30.3 | 30.7 | 31.2 | 31.6 | 32.0 | 32.7 | 33.5 | 34.1 | 34.5 |
| 25° | 29.7 | 30.1 | 30.5 | 30.9 | 31.4 | 31.8 | 32.4 | 33.2 | 34.0 | 34.4 | 34.8 |
| 23.75° | 29.8 | 30.3 | 30.7 | 31.1 | 31.6 | 32.0 | 32.8 | 33.6 | 34.2 | 34.6 | 35.0 |
| 22.5° | 30.0 | 30.4 | 30.9 | 31.3 | 31.7 | 32.3 | 33.2 | 34.0 | 34.4 | 34.9 | 35.3 |
| 21.25° | 30.2 | 30.6 | 31.1 | 31.5 | 31.9 | 32.7 | 33.6 | 34.2 | 34.6 | 35.1 | 35.5 |
| 20° | 30.3 | 30.8 | 31.2 | 31.7 | 32.2 | 33.1 | 34.0 | 34.4 | 34.9 | 35.3 | 35.7 |
| 18.75° | 30.5 | 30.9 | 31.4 | 31.8 | 32.5 | 33.4 | 34.2 | 34.6 | 35.0 | 35.5 | 35.9 |
| 17.5° | 30.6 | 31.0 | 31.5 | 32.0 | 32.8 | 33.7 | 34.3 | 34.8 | 35.2 | 35.7 | 36.2 |
| 16.25° | 30.7 | 31.2 | 31.6 | 32.2 | 33.1 | 34.0 | 34.5 | 34.9 | 35.4 | 35.8 | 36.6 |
| 15° | 30.8 | 31.3 | 31.8 | 32.5 | 33.4 | 34.2 | 34.6 | 35.1 | 35.6 | 36.0 | 36.9 |
| 13.75° | 30.9 | 31.4 | 31.9 | 32.7 | 33.6 | 34.3 | 34.8 | 35.2 | 35.7 | 36.3 | 37.3 |
| 12.5° | 31.0 | 31.5 | 32.0 | 32.9 | 33.9 | 34.4 | 34.9 | 35.4 | 35.8 | 36.6 | 37.5 |
| 11.25° | 31.1 | 31.6 | 32.2 | 33.1 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.9 | 37.8 |
| 10° | 31.2 | 31.7 | 32.3 | 33.3 | 34.1 | 34.6 | 35.1 | 35.6 | 36.1 | 37.1 | 38.4 |
| 8.75° | 31.3 | 31.8 | 32.5 | 33.5 | 34.2 | 34.7 | 35.2 | 35.7 | 36.3 | 37.3 | 39.8 |
| 7.5° | 31.3 | 31.8 | 32.6 | 33.6 | 34.3 | 34.8 | 35.3 | 35.8 | 36.5 | 37.5 | 41.1 |
| 6.25° | 31.4 | 31.9 | 32.7 | 33.7 | 34.4 | 34.9 | 35.3 | 35.8 | 36.7 | 37.6 | 42.1 |
| 5° | 31.4 | 31.9 | 32.8 | 33.8 | 34.4 | 34.9 | 35.4 | 35.9 | 36.8 | 37.8 | 43.0 |
| 3.75° | 31.5 | 32.0 | 32.9 | 33.9 | 34.4 | 34.9 | 35.4 | 35.9 | 36.9 | 37.9 | 43.6 |
| 2.5° | 31.5 | 32.0 | 33.0 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.9 | 37.9 | 44.1 |
| 1.25° | 31.5 | 32.0 | 33.0 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 37.0 | 38.0 | 44.4 |
| 0° | 31.5 | 32.0 | 33.0 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 37.0 | 38.0 | 44.5 |
| -1.25° | 31.5 | 32.0 | 33.0 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 37.0 | 38.0 | 44.4 |
| -2.5° | 31.5 | 32.0 | 33.0 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.9 | 37.9 | 44.1 |
| -3.75° | 31.5 | 32.0 | 32.9 | 33.9 | 34.4 | 34.9 | 35.4 | 35.9 | 36.9 | 37.9 | 43.6 |
| -5° | 31.4 | 31.9 | 32.8 | 33.8 | 34.4 | 34.9 | 35.4 | 35.9 | 36.8 | 37.8 | 43.0 |
| -6.25° | 31.4 | 31.9 | 32.7 | 33.7 | 34.4 | 34.9 | 35.3 | 35.8 | 36.7 | 37.6 | 42.1 |
| -7.5° | 31.3 | 31.8 | 32.6 | 33.6 | 34.3 | 34.8 | 35.3 | 35.8 | 36.5 | 37.5 | 41.1 |
| -8.75° | 31.3 | 31.8 | 32.5 | 33.5 | 34.2 | 34.7 | 35.2 | 35.7 | 36.3 | 37.3 | 39.8 |
| -10° | 31.2 | 31.7 | 32.3 | 33.3 | 34.1 | 34.6 | 35.1 | 35.6 | 36.1 | 37.1 | 38.4 |
| -11.25° | 31.1 | 31.6 | 32.2 | 33.1 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.9 | 37.8 |
| -12.5° | 31.0 | 31.5 | 32.0 | 32.9 | 33.9 | 34.4 | 34.9 | 35.4 | 35.8 | 36.6 | 37.5 |
| -13.75° | 30.9 | 31.4 | 31.9 | 32.7 | 33.6 | 34.3 | 34.8 | 35.2 | 35.7 | 36.3 | 37.3 |
| -15° | 30.8 | 31.3 | 31.8 | 32.5 | 33.4 | 34.2 | 34.6 | 35.1 | 35.6 | 36.0 | 36.9 |
| -16.25° | 30.7 | 31.2 | 31.6 | 32.2 | 33.1 | 34.0 | 34.5 | 34.9 | 35.4 | 35.8 | 36.6 |
| -17.5° | 30.6 | 31.0 | 31.5 | 32.0 | 32.8 | 33.7 | 34.3 | 34.8 | 35.2 | 35.7 | 36.2 |
| -18.75° | 30.5 | 30.9 | 31.4 | 31.8 | 32.5 | 33.4 | 34.2 | 34.6 | 35.0 | 35.5 | 35.9 |
| -20° | 30.3 | 30.8 | 31.2 | 31.7 | 32.2 | 33.1 | 34.0 | 34.4 | 34.9 | 35.3 | 35.7 |
| -21.25° | 30.2 | 30.6 | 31.1 | 31.5 | 31.9 | 32.7 | 33.6 | 34.2 | 34.6 | 35.1 | 35.5 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -22.5° | 30.0 | 30.4 | 30.9 | 31.3 | 31.7 | 32.3 | 33.2 | 34.0 | 34.4 | 34.9 | 35.3 |
| -23.75° | 29.8 | 30.3 | 30.7 | 31.1 | 31.6 | 32.0 | 32.8 | 33.6 | 34.2 | 34.6 | 35.0 |
| -25° | 29.7 | 30.1 | 30.5 | 30.9 | 31.4 | 31.8 | 32.4 | 33.2 | 34.0 | 34.4 | 34.8 |
| -26.25° | 29.5 | 29.9 | 30.3 | 30.7 | 31.2 | 31.6 | 32.0 | 32.7 | 33.5 | 34.1 | 34.5 |
| -27.5° | 29.3 | 29.7 | 30.1 | 30.5 | 30.9 | 31.3 | 31.7 | 32.2 | 33.0 | 33.8 | 34.3 |
| -28.75° | 29.1 | 29.5 | 29.9 | 30.3 | 30.7 | 31.1 | 31.5 | 31.9 | 32.5 | 33.3 | 34.0 |
| -30° | 28.9 | 29.3 | 29.7 | 30.1 | 30.5 | 30.9 | 31.3 | 31.6 | 32.0 | 32.7 | 33.4 |
| -31.25° | 28.7 | 29.1 | 29.5 | 29.9 | 30.3 | 30.6 | 31.0 | 31.4 | 31.7 | 32.2 | 32.9 |
| -32.5° | 28.5 | 28.9 | 29.3 | 29.6 | 30.0 | 30.4 | 30.7 | 31.1 | 31.5 | 31.8 | 32.3 |
| -33.75° | 28.3 | 28.7 | 29.0 | 29.4 | 29.8 | 30.1 | 30.5 | 30.8 | 31.2 | 31.5 | 31.8 |
| -35° | 28.1 | 28.4 | 28.8 | 29.2 | 29.5 | 29.9 | 30.2 | 30.5 | 30.9 | 31.2 | 31.5 |
| -36.25° | 27.8 | 28.2 | 28.6 | 28.9 | 29.3 | 29.6 | 29.9 | 30.3 | 30.6 | 30.9 | 31.2 |
| -37.5° | 27.6 | 28.0 | 28.3 | 28.6 | 29.0 | 29.3 | 29.6 | 30.0 | 30.3 | 30.6 | 30.9 |
| -38.75° | 27.4 | 27.7 | 28.1 | 28.4 | 28.7 | 29.0 | 29.4 | 29.7 | 30.0 | 30.3 | 30.6 |
| -40° | 27.1 | 27.5 | 27.8 | 28.1 | 28.4 | 28.8 | 29.1 | 29.4 | 29.7 | 30.0 | 30.3 |
| -41.25° | 26.8 | 27.2 | 27.5 | 27.8 | 28.2 | 28.5 | 28.8 | 29.1 | 29.4 | 29.6 | 29.9 |
| -42.5° | 26.3 | 26.9 | 27.3 | 27.6 | 27.9 | 28.2 | 28.5 | 28.8 | 29.0 | 29.3 | 29.6 |
| -43.75° | 25.8 | 26.4 | 27.0 | 27.3 | 27.6 | 27.9 | 28.2 | 28.4 | 28.7 | 29.0 | 29.3 |
| -45° | 25.2 | 25.8 | 26.4 | 27.0 | 27.3 | 27.6 | 27.8 | 28.1 | 28.4 | 28.6 | 28.9 |
| -46.25° | 24.7 | 25.3 | 25.9 | 26.4 | 27.0 | 27.3 | 27.5 | 27.8 | 28.1 | 28.3 | 28.6 |
| -47.5° | 24.2 | 24.7 | 25.3 | 25.8 | 26.4 | 26.9 | 27.2 | 27.5 | 27.7 | 28.0 | 28.2 |
| -48.75° | 23.6 | 24.2 | 24.7 | 25.2 | 25.8 | 26.3 | 26.8 | 27.1 | 27.4 | 27.6 | 27.8 |
| -50° | 23.1 | 23.6 | 24.1 | 24.6 | 25.1 | 25.6 | 26.1 | 26.6 | 27.0 | 27.3 | 27.5 |
| -51.25° | 22.2 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 25.9 | 26.4 | 26.8 | 27.1 |
| -52.5° | 21.4 | 22.1 | 22.9 | 23.4 | 23.9 | 24.3 | 24.8 | 25.2 | 25.7 | 26.1 | 26.5 |
| -53.75° | 20.5 | 21.3 | 22.0 | 22.7 | 23.2 | 23.7 | 24.1 | 24.5 | 25.0 | 25.4 | 25.8 |
| -55° | 19.7 | 20.4 | 21.0 | 21.7 | 22.4 | 23.0 | 23.4 | 23.9 | 24.3 | 24.7 | 25.0 |
| -56.25° | 18.8 | 19.5 | 20.1 | 20.8 | 21.4 | 22.0 | 22.6 | 23.2 | 23.5 | 23.9 | 24.3 |
| -57.5° | 17.9 | 18.5 | 19.2 | 19.8 | 20.4 | 21.0 | 21.6 | 22.2 | 22.7 | 23.2 | 23.5 |
| -58.75° | 17.0 | 17.6 | 18.2 | 18.8 | 19.4 | 20.0 | 20.5 | 21.1 | 21.6 | 22.2 | 22.7 |
| -60° | 16.1 | 16.7 | 17.3 | 17.8 | 18.4 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 |
| -61.25° | 15.2 | 15.8 | 16.3 | 16.9 | 17.4 | 17.9 | 18.4 | 18.9 | 19.4 | 19.9 | 20.4 |
| -62.5° | 14.3 | 14.8 | 15.3 | 15.9 | 16.4 | 16.9 | 17.4 | 17.9 | 18.3 | 18.8 | 19.2 |
| -63.75° | 13.8 | 14.0 | 14.4 | 14.9 | 15.4 | 15.8 | 16.3 | 16.8 | 17.2 | 17.7 | 18.1 |
| -65° | 13.5 | 13.6 | 13.8 | 14.0 | 14.3 | 14.8 | 15.2 | 15.7 | 16.1 | 16.5 | 16.9 |
| -66.25° | 13.2 | 13.3 | 13.5 | 13.6 | 13.8 | 13.9 | 14.2 | 14.6 | 15.0 | 15.4 | 15.7 |
| -67.5° | 12.7 | 13.0 | 13.1 | 13.3 | 13.4 | 13.6 | 13.7 | 13.8 | 13.9 | 14.2 | 14.6 |
| -68.75° | 12.1 | 12.3 | 12.6 | 12.9 | 13.1 | 13.2 | 13.3 | 13.4 | 13.6 | 13.7 | 13.8 |
| -70° | 11.4 | 11.7 | 11.9 | 12.2 | 12.4 | 12.7 | 12.9 | 13.1 | 13.2 | 13.3 | 13.4 |
| -71.25° | 10.9 | 11.0 | 11.3 | 11.5 | 11.7 | 12.0 | 12.2 | 12.4 | 12.6 | 12.8 | 13.0 |
| -72.5° | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.2 | 11.5 | 11.7 | 11.9 | 12.0 | 12.2 |
| -73.75° | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.8 | 10.9 | 11.0 | 11.1 | 11.3 | 11.4 |
| -75° | 9.8 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10.5 | 10.6 | 10.7 | 10.7 | 10.8 |
| -76.25° | 8.8 | 9.1 | 9.4 | 9.6 | 9.9 | 10.0 | 10.1 | 10.2 | 10.3 | 10.3 | 10.4 |
| -77.5° | 7.8 | 8.1 | 8.3 | 8.6 | 8.8 | 9.0 | 9.2 | 9.5 | 9.7 | 9.9 | 10.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 6.9 | 7.1 | 7.3 | 7.5 | 7.7 | 7.9 | 8.1 | 8.3 | 8.5 | 8.7 | 8.9 |
| -80° | 6.3 | 6.4 | 6.5 | 6.6 | 6.8 | 6.9 | 7.0 | 7.2 | 7.3 | 7.5 | 7.7 |
| -81.25° | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.2 | 6.3 | 6.4 | 6.5 | 6.5 | 6.6 |
| -82.5° | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.8 |
| -83.75° | 3.9 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 |
| -85° | 3.0 | 3.1 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.8 |
| -86.25° | 2.0 | 2.0 | 2.1 | 2.2 | 2.2 | 2.3 | 2.4 | 2.4 | 2.5 | 2.6 | 2.6 |
| -87.5° | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 1.6 | 1.6 |
| -88.75° | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| 87.5° | 1.6 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| 86.25° | 2.7 | 2.7 | 2.8 | 2.8 | 2.9 | 2.9 | 3.0 | 3.0 | 3.1 | 3.1 | 3.2 |
| 85° | 3.9 | 4.0 | 4.1 | 4.1 | 4.2 | 4.3 | 4.3 | 4.4 | 4.4 | 4.5 | 4.5 |
| 83.75° | 5.1 | 5.2 | 5.2 | 5.3 | 5.3 | 5.4 | 5.4 | 5.5 | 5.5 | 5.6 | 5.6 |
| 82.5° | 5.9 | 6.0 | 6.1 | 6.1 | 6.2 | 6.3 | 6.3 | 6.4 | 6.4 | 6.5 | 6.5 |
| 81.25° | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 |
| 80° | 7.8 | 8.0 | 8.1 | 8.2 | 8.4 | 8.5 | 8.6 | 8.8 | 8.9 | 9.0 | 9.1 |
| 78.75° | 9.0 | 9.2 | 9.4 | 9.5 | 9.7 | 9.8 | 10.0 | 10.0 | 10.1 | 10.1 | 10.2 |
| 77.5° | 10.1 | 10.1 | 10.2 | 10.3 | 10.3 | 10.4 | 10.4 | 10.5 | 10.5 | 10.6 | 10.6 |
| 76.25° | 10.5 | 10.6 | 10.6 | 10.7 | 10.8 | 10.8 | 10.9 | 10.9 | 11.0 | 11.1 | 11.1 |
| 75° | 10.9 | 11.0 | 11.1 | 11.2 | 11.4 | 11.5 | 11.6 | 11.7 | 11.9 | 12.0 | 12.1 |
| 73.75° | 11.6 | 11.8 | 11.9 | 12.1 | 12.2 | 12.4 | 12.5 | 12.6 | 12.8 | 12.9 | 13.0 |
| 72.5° | 12.4 | 12.6 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.3 | 13.4 | 13.5 |
| 71.25° | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.5 | 13.6 | 13.7 | 13.8 | 13.8 | 13.9 |
| 70° | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.2 | 14.4 | 14.7 | 14.9 | 15.1 |
| 68.75° | 13.9 | 14.0 | 14.4 | 14.7 | 15.0 | 15.2 | 15.5 | 15.8 | 16.0 | 16.2 | 16.5 |
| 67.5° | 14.9 | 15.3 | 15.6 | 15.9 | 16.2 | 16.5 | 16.8 | 17.1 | 17.4 | 17.6 | 17.8 |
| 66.25° | 16.1 | 16.5 | 16.8 | 17.2 | 17.5 | 17.8 | 18.1 | 18.4 | 18.7 | 19.0 | 19.2 |
| 65° | 17.3 | 17.7 | 18.1 | 18.4 | 18.8 | 19.1 | 19.4 | 19.7 | 20.0 | 20.3 | 20.6 |
| 63.75° | 18.5 | 18.9 | 19.3 | 19.7 | 20.0 | 20.4 | 20.7 | 21.0 | 21.4 | 21.7 | 21.9 |
| 62.5° | 19.7 | 20.1 | 20.5 | 20.9 | 21.3 | 21.7 | 22.0 | 22.4 | 22.7 | 23.0 | 23.2 |
| 61.25° | 20.8 | 21.3 | 21.7 | 22.1 | 22.5 | 22.9 | 23.2 | 23.4 | 23.7 | 23.9 | 24.1 |
| 60° | 22.0 | 22.5 | 22.9 | 23.2 | 23.5 | 23.8 | 24.1 | 24.3 | 24.6 | 24.8 | 25.0 |
| 58.75° | 23.1 | 23.4 | 23.8 | 24.1 | 24.4 | 24.6 | 24.9 | 25.2 | 25.4 | 25.7 | 25.9 |
| 57.5° | 23.9 | 24.2 | 24.6 | 24.9 | 25.2 | 25.5 | 25.8 | 26.0 | 26.3 | 26.6 | 26.8 |
| 56.25° | 24.7 | 25.0 | 25.4 | 25.7 | 26.0 | 26.3 | 26.6 | 26.9 | 27.1 | 27.2 | 27.4 |
| 55° | 25.4 | 25.8 | 26.1 | 26.5 | 26.8 | 27.1 | 27.2 | 27.4 | 27.5 | 27.7 | 27.8 |
| 53.75° | 26.2 | 26.6 | 26.9 | 27.1 | 27.3 | 27.5 | 27.7 | 27.8 | 28.0 | 28.1 | 28.2 |
| 52.5° | 26.9 | 27.2 | 27.4 | 27.5 | 27.7 | 27.9 | 28.1 | 28.2 | 28.4 | 28.5 | 28.7 |
| 51.25° | 27.3 | 27.5 | 27.7 | 27.9 | 28.1 | 28.3 | 28.5 | 28.7 | 28.8 | 29.0 | 29.1 |
| 50° | 27.7 | 27.9 | 28.1 | 28.3 | 28.5 | 28.7 | 28.9 | 29.1 | 29.3 | 29.4 | 29.6 |
| 48.75° | 28.1 | 28.3 | 28.5 | 28.7 | 28.9 | 29.1 | 29.3 | 29.5 | 29.7 | 29.8 | 30.0 |
| 47.5° | 28.4 | 28.7 | 28.9 | 29.1 | 29.3 | 29.5 | 29.7 | 29.9 | 30.1 | 30.3 | 30.4 |
| 46.25° | 28.8 | 29.0 | 29.3 | 29.5 | 29.7 | 29.9 | 30.1 | 30.3 | 30.5 | 30.7 | 30.9 |
| 45° | 29.2 | 29.4 | 29.6 | 29.9 | 30.1 | 30.3 | 30.5 | 30.7 | 30.9 | 31.1 | 31.3 |
| 43.75° | 29.5 | 29.8 | 30.0 | 30.3 | 30.5 | 30.7 | 30.9 | 31.2 | 31.4 | 31.6 | 31.7 |
| 42.5° | 29.9 | 30.1 | 30.4 | 30.6 | 30.9 | 31.1 | 31.3 | 31.6 | 31.8 | 32.0 | 32.3 |
| 41.25° | 30.2 | 30.5 | 30.7 | 31.0 | 31.3 | 31.5 | 31.7 | 32.0 | 32.4 | 32.8 | 33.2 |
| 40° | 30.5 | 30.8 | 31.1 | 31.4 | 31.6 | 31.9 | 32.2 | 32.7 | 33.2 | 33.6 | 34.0 |
| 38.75° | 30.9 | 31.2 | 31.5 | 31.7 | 32.0 | 32.5 | 33.0 | 33.5 | 34.0 | 34.2 | 34.4 |
| 37.5° | 31.2 | 31.5 | 31.8 | 32.2 | 32.7 | 33.3 | 33.8 | 34.1 | 34.4 | 34.6 | 34.9 |
| 36.25° | 31.5 | 31.8 | 32.3 | 32.9 | 33.4 | 34.0 | 34.3 | 34.5 | 34.8 | 35.0 | 35.3 |
| 35° | 31.9 | 32.3 | 33.0 | 33.6 | 34.1 | 34.4 | 34.6 | 34.9 | 35.2 | 35.4 | 35.7 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 32.3 | 33.0 | 33.6 | 34.1 | 34.4 | 34.7 | 35.0 | 35.3 | 35.6 | 35.8 | 36.2 |
| 32.5° | 33.0 | 33.6 | 34.1 | 34.5 | 34.8 | 35.1 | 35.4 | 35.7 | 35.9 | 36.4 | 36.9 |
| 31.25° | 33.6 | 34.1 | 34.5 | 34.8 | 35.1 | 35.4 | 35.7 | 36.1 | 36.6 | 37.2 | 37.7 |
| 30° | 34.1 | 34.4 | 34.8 | 35.1 | 35.4 | 35.8 | 36.2 | 36.8 | 37.4 | 37.9 | 41.3 |
| 28.75° | 34.4 | 34.7 | 35.1 | 35.4 | 35.8 | 36.2 | 36.8 | 37.5 | 38.6 | 42.5 | 46.3 |
| 27.5° | 34.6 | 35.0 | 35.4 | 35.7 | 36.2 | 36.8 | 37.5 | 39.1 | 43.2 | 47.3 | 51.6 |
| 26.25° | 34.9 | 35.3 | 35.7 | 36.1 | 36.8 | 37.5 | 39.1 | 43.5 | 47.7 | 54.1 | 67.8 |
| 25° | 35.2 | 35.6 | 35.9 | 36.6 | 37.4 | 38.6 | 43.2 | 47.7 | 55.0 | 69.5 | 83.7 |
| 23.75° | 35.4 | 35.8 | 36.4 | 37.2 | 37.9 | 42.5 | 47.3 | 54.1 | 69.5 | 84.6 | 103.4 |
| 22.5° | 35.7 | 36.2 | 36.9 | 37.7 | 41.3 | 46.3 | 51.6 | 67.8 | 83.7 | 103.4 | 133.3 |
| 21.25° | 35.9 | 36.6 | 37.5 | 39.7 | 44.9 | 49.9 | 64.4 | 81.1 | 99.8 | 131.5 | 162.4 |
| 20° | 36.3 | 37.1 | 37.9 | 42.9 | 48.2 | 59.3 | 76.7 | 93.9 | 126.0 | 158.7 | 193.8 |
| 18.75° | 36.7 | 37.6 | 40.6 | 46.1 | 52.6 | 70.7 | 88.5 | 117.0 | 151.2 | 185.9 | 231.2 |
| 17.5° | 37.1 | 38.0 | 43.5 | 49.0 | 63.0 | 81.5 | 104.6 | 140.2 | 175.4 | 220.5 | 265.8 |
| 16.25° | 37.5 | 40.4 | 46.1 | 53.8 | 72.9 | 91.8 | 125.7 | 162.3 | 204.6 | 252.6 | 296.8 |
| 15° | 37.8 | 42.8 | 48.7 | 62.8 | 82.2 | 107.9 | 145.7 | 183.6 | 234.4 | 282.0 | 326.5 |
| 13.75° | 39.1 | 45.1 | 51.1 | 71.1 | 90.9 | 125.8 | 164.4 | 210.6 | 261.4 | 307.8 | 357.3 |
| 12.5° | 41.1 | 47.2 | 58.5 | 78.8 | 102.8 | 142.5 | 181.8 | 235.4 | 285.7 | 333.9 | 388.2 |
| 11.25° | 43.0 | 49.1 | 65.3 | 85.9 | 117.4 | 157.8 | 203.8 | 257.6 | 306.8 | 359.3 | 417.7 |
| 10° | 44.6 | 50.8 | 71.4 | 92.3 | 130.7 | 171.6 | 223.9 | 277.5 | 327.3 | 384.2 | 447.5 |
| 8.75° | 46.1 | 55.7 | 76.8 | 100.8 | 142.5 | 184.7 | 241.3 | 294.0 | 347.1 | 407.2 | 474.5 |
| 7.5° | 47.4 | 60.2 | 81.6 | 110.7 | 152.8 | 199.7 | 256.3 | 308.5 | 364.5 | 428.4 | 498.7 |
| 6.25° | 48.5 | 64.1 | 85.7 | 119.1 | 161.7 | 212.5 | 269.2 | 321.2 | 380.8 | 447.8 | 519.5 |
| 5° | 49.4 | 67.3 | 89.0 | 126.1 | 168.9 | 223.0 | 279.5 | 332.9 | 394.4 | 463.8 | 536.8 |
| 3.75° | 50.1 | 69.8 | 91.6 | 131.5 | 174.6 | 231.3 | 287.1 | 342.1 | 405.1 | 476.4 | 551.2 |
| 2.5° | 50.6 | 71.6 | 93.5 | 135.4 | 178.7 | 236.9 | 292.6 | 348.7 | 412.8 | 485.6 | 561.6 |
| 1.25° | 50.9 | 72.6 | 94.6 | 137.7 | 181.2 | 240.4 | 295.9 | 352.7 | 417.5 | 491.1 | 567.9 |
| 0° | 51.0 | 73.0 | 95.0 | 138.5 | 182.0 | 241.5 | 297.0 | 354.0 | 419.0 | 493.0 | 570.0 |
| -1.25° | 50.9 | 72.6 | 94.6 | 137.7 | 181.2 | 240.4 | 295.9 | 352.7 | 417.5 | 491.1 | 567.9 |
| -2.5° | 50.6 | 71.6 | 93.5 | 135.4 | 178.7 | 236.9 | 292.6 | 348.7 | 412.8 | 485.6 | 561.6 |
| -3.75° | 50.1 | 69.8 | 91.6 | 131.5 | 174.6 | 231.3 | 287.1 | 342.1 | 405.1 | 476.4 | 551.2 |
| -5° | 49.4 | 67.3 | 89.0 | 126.1 | 168.9 | 223.0 | 279.5 | 332.9 | 394.4 | 463.8 | 536.8 |
| -6.25° | 48.5 | 64.1 | 85.7 | 119.1 | 161.7 | 212.5 | 269.2 | 321.2 | 380.8 | 447.8 | 519.5 |
| -7.5° | 47.4 | 60.2 | 81.6 | 110.7 | 152.8 | 199.7 | 256.3 | 308.5 | 364.5 | 428.4 | 498.7 |
| -8.75° | 46.1 | 55.7 | 76.8 | 100.8 | 142.5 | 184.7 | 241.3 | 294.0 | 347.1 | 407.2 | 474.5 |
| -10° | 44.6 | 50.8 | 71.4 | 92.3 | 130.7 | 171.6 | 223.9 | 277.5 | 327.3 | 384.2 | 447.5 |
| -11.25° | 43.0 | 49.1 | 65.3 | 85.9 | 117.4 | 157.8 | 203.8 | 257.6 | 306.8 | 359.3 | 417.7 |
| -12.5° | 41.1 | 47.2 | 58.5 | 78.8 | 102.8 | 142.5 | 181.8 | 235.4 | 285.7 | 333.9 | 388.2 |
| -13.75° | 39.1 | 45.1 | 51.1 | 71.1 | 90.9 | 125.8 | 164.4 | 210.6 | 261.4 | 307.8 | 357.3 |
| -15° | 37.8 | 42.8 | 48.7 | 62.8 | 82.2 | 107.9 | 145.7 | 183.6 | 234.4 | 282.0 | 326.5 |
| -16.25° | 37.5 | 40.4 | 46.1 | 53.8 | 72.9 | 91.8 | 125.7 | 162.3 | 204.6 | 252.6 | 296.8 |
| -17.5° | 37.1 | 38.0 | 43.5 | 49.0 | 63.0 | 81.5 | 104.6 | 140.2 | 175.4 | 220.5 | 265.8 |
| -18.75° | 36.7 | 37.6 | 40.6 | 46.1 | 52.6 | 70.7 | 88.5 | 117.0 | 151.2 | 185.9 | 231.2 |
| -20° | 36.3 | 37.1 | 37.9 | 42.9 | 48.2 | 59.3 | 76.7 | 93.9 | 126.0 | 158.7 | 193.8 |
| -21.25° | 35.9 | 36.6 | 37.5 | 39.7 | 44.9 | 49.9 | 64.4 | 81.1 | 99.8 | 131.5 | 162.4 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 35.7 | 36.2 | 36.9 | 37.7 | 41.3 | 46.3 | 51.6 | 67.8 | 83.7 | 103.4 | 133.3 |
| -23.75° | 35.4 | 35.8 | 36.4 | 37.2 | 37.9 | 42.5 | 47.3 | 54.1 | 69.5 | 84.6 | 103.4 |
| -25° | 35.2 | 35.6 | 35.9 | 36.6 | 37.4 | 38.6 | 43.2 | 47.7 | 55.0 | 69.5 | 83.7 |
| -26.25° | 34.9 | 35.3 | 35.7 | 36.1 | 36.8 | 37.5 | 39.1 | 43.5 | 47.7 | 54.1 | 67.8 |
| -27.5° | 34.6 | 35.0 | 35.4 | 35.7 | 36.2 | 36.8 | 37.5 | 39.1 | 43.2 | 47.3 | 51.6 |
| -28.75° | 34.4 | 34.7 | 35.1 | 35.4 | 35.8 | 36.2 | 36.8 | 37.5 | 38.6 | 42.5 | 46.3 |
| -30° | 34.1 | 34.4 | 34.8 | 35.1 | 35.4 | 35.8 | 36.2 | 36.8 | 37.4 | 37.9 | 41.3 |
| -31.25° | 33.6 | 34.1 | 34.5 | 34.8 | 35.1 | 35.4 | 35.7 | 36.1 | 36.6 | 37.2 | 37.7 |
| -32.5° | 33.0 | 33.6 | 34.1 | 34.5 | 34.8 | 35.1 | 35.4 | 35.7 | 35.9 | 36.4 | 36.9 |
| -33.75° | 32.3 | 33.0 | 33.6 | 34.1 | 34.4 | 34.7 | 35.0 | 35.3 | 35.6 | 35.8 | 36.2 |
| -35° | 31.9 | 32.3 | 33.0 | 33.6 | 34.1 | 34.4 | 34.6 | 34.9 | 35.2 | 35.4 | 35.7 |
| -36.25° | 31.5 | 31.8 | 32.3 | 32.9 | 33.4 | 34.0 | 34.3 | 34.5 | 34.8 | 35.0 | 35.3 |
| -37.5° | 31.2 | 31.5 | 31.8 | 32.2 | 32.7 | 33.3 | 33.8 | 34.1 | 34.4 | 34.6 | 34.9 |
| -38.75° | 30.9 | 31.2 | 31.5 | 31.7 | 32.0 | 32.5 | 33.0 | 33.5 | 34.0 | 34.2 | 34.4 |
| -40° | 30.5 | 30.8 | 31.1 | 31.4 | 31.6 | 31.9 | 32.2 | 32.7 | 33.2 | 33.6 | 34.0 |
| -41.25° | 30.2 | 30.5 | 30.7 | 31.0 | 31.3 | 31.5 | 31.7 | 32.0 | 32.4 | 32.8 | 33.2 |
| -42.5° | 29.9 | 30.1 | 30.4 | 30.6 | 30.9 | 31.1 | 31.3 | 31.6 | 31.8 | 32.0 | 32.3 |
| -43.75° | 29.5 | 29.8 | 30.0 | 30.3 | 30.5 | 30.7 | 30.9 | 31.2 | 31.4 | 31.6 | 31.7 |
| -45° | 29.2 | 29.4 | 29.6 | 29.9 | 30.1 | 30.3 | 30.5 | 30.7 | 30.9 | 31.1 | 31.3 |
| -46.25° | 28.8 | 29.0 | 29.3 | 29.5 | 29.7 | 29.9 | 30.1 | 30.3 | 30.5 | 30.7 | 30.9 |
| -47.5° | 28.4 | 28.7 | 28.9 | 29.1 | 29.3 | 29.5 | 29.7 | 29.9 | 30.1 | 30.3 | 30.4 |
| -48.75° | 28.1 | 28.3 | 28.5 | 28.7 | 28.9 | 29.1 | 29.3 | 29.5 | 29.7 | 29.8 | 30.0 |
| -50° | 27.7 | 27.9 | 28.1 | 28.3 | 28.5 | 28.7 | 28.9 | 29.1 | 29.3 | 29.4 | 29.6 |
| -51.25° | 27.3 | 27.5 | 27.7 | 27.9 | 28.1 | 28.3 | 28.5 | 28.7 | 28.8 | 29.0 | 29.1 |
| -52.5° | 26.9 | 27.2 | 27.4 | 27.5 | 27.7 | 27.9 | 28.1 | 28.2 | 28.4 | 28.5 | 28.7 |
| -53.75° | 26.2 | 26.6 | 26.9 | 27.1 | 27.3 | 27.5 | 27.7 | 27.8 | 28.0 | 28.1 | 28.2 |
| -55° | 25.4 | 25.8 | 26.1 | 26.5 | 26.8 | 27.1 | 27.2 | 27.4 | 27.5 | 27.7 | 27.8 |
| -56.25° | 24.7 | 25.0 | 25.4 | 25.7 | 26.0 | 26.3 | 26.6 | 26.9 | 27.1 | 27.2 | 27.4 |
| -57.5° | 23.9 | 24.2 | 24.6 | 24.9 | 25.2 | 25.5 | 25.8 | 26.0 | 26.3 | 26.6 | 26.8 |
| -58.75° | 23.1 | 23.4 | 23.8 | 24.1 | 24.4 | 24.6 | 24.9 | 25.2 | 25.4 | 25.7 | 25.9 |
| -60° | 22.0 | 22.5 | 22.9 | 23.2 | 23.5 | 23.8 | 24.1 | 24.3 | 24.6 | 24.8 | 25.0 |
| -61.25° | 20.8 | 21.3 | 21.7 | 22.1 | 22.5 | 22.9 | 23.2 | 23.4 | 23.7 | 23.9 | 24.1 |
| -62.5° | 19.7 | 20.1 | 20.5 | 20.9 | 21.3 | 21.7 | 22.0 | 22.4 | 22.7 | 23.0 | 23.2 |
| -63.75° | 18.5 | 18.9 | 19.3 | 19.7 | 20.0 | 20.4 | 20.7 | 21.0 | 21.4 | 21.7 | 21.9 |
| -65° | 17.3 | 17.7 | 18.1 | 18.4 | 18.8 | 19.1 | 19.4 | 19.7 | 20.0 | 20.3 | 20.6 |
| -66.25° | 16.1 | 16.5 | 16.8 | 17.2 | 17.5 | 17.8 | 18.1 | 18.4 | 18.7 | 19.0 | 19.2 |
| -67.5° | 14.9 | 15.3 | 15.6 | 15.9 | 16.2 | 16.5 | 16.8 | 17.1 | 17.4 | 17.6 | 17.8 |
| -68.75° | 13.9 | 14.0 | 14.4 | 14.7 | 15.0 | 15.2 | 15.5 | 15.8 | 16.0 | 16.2 | 16.5 |
| -70° | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 | 14.0 | 14.2 | 14.4 | 14.7 | 14.9 | 15.1 |
| -71.25° | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.5 | 13.6 | 13.7 | 13.8 | 13.8 | 13.9 |
| -72.5° | 12.4 | 12.6 | 12.8 | 12.9 | 13.0 | 13.1 | 13.2 | 13.3 | 13.3 | 13.4 | 13.5 |
| -73.75° | 11.6 | 11.8 | 11.9 | 12.1 | 12.2 | 12.4 | 12.5 | 12.6 | 12.8 | 12.9 | 13.0 |
| -75° | 10.9 | 11.0 | 11.1 | 11.2 | 11.4 | 11.5 | 11.6 | 11.7 | 11.9 | 12.0 | 12.1 |
| -76.25° | 10.5 | 10.6 | 10.6 | 10.7 | 10.8 | 10.8 | 10.9 | 10.9 | 11.0 | 11.1 | 11.1 |
| -77.5° | 10.1 | 10.1 | 10.2 | 10.3 | 10.3 | 10.4 | 10.4 | 10.5 | 10.5 | 10.6 | 10.6 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 9.0 | 9.2 | 9.4 | 9.5 | 9.7 | 9.8 | 10.0 | 10.0 | 10.1 | 10.1 | 10.2 |
| -80° | 7.8 | 8.0 | 8.1 | 8.2 | 8.4 | 8.5 | 8.6 | 8.8 | 8.9 | 9.0 | 9.1 |
| -81.25° | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 |
| -82.5° | 5.9 | 6.0 | 6.1 | 6.1 | 6.2 | 6.3 | 6.3 | 6.4 | 6.4 | 6.5 | 6.5 |
| -83.75° | 5.1 | 5.2 | 5.2 | 5.3 | 5.3 | 5.4 | 5.4 | 5.5 | 5.5 | 5.6 | 5.6 |
| -85° | 3.9 | 4.0 | 4.1 | 4.1 | 4.2 | 4.3 | 4.3 | 4.4 | 4.4 | 4.5 | 4.5 |
| -86.25° | 2.7 | 2.7 | 2.8 | 2.8 | 2.9 | 2.9 | 3.0 | 3.0 | 3.1 | 3.1 | 3.2 |
| -87.5° | 1.6 | 1.7 | 1.7 | 1.7 | 1.7 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 |
| -88.75° | 0.8 | 0.8 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 87.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 | 2.0 | 2.0 |
| 86.25° | 3.2 | 3.2 | 3.3 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 85° | 4.6 | 4.6 | 4.7 | 4.7 | 4.8 | 4.8 | 4.8 | 4.9 | 4.9 | 4.9 | 4.9 |
| 83.75° | 5.7 | 5.7 | 5.7 | 5.8 | 5.8 | 5.8 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| 82.5° | 6.6 | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 | 6.9 |
| 81.25° | 7.8 | 7.9 | 7.9 | 8.0 | 8.1 | 8.1 | 8.2 | 8.2 | 8.3 | 8.3 | 8.4 |
| 80° | 9.2 | 9.3 | 9.4 | 9.4 | 9.5 | 9.6 | 9.7 | 9.7 | 9.8 | 9.8 | 9.9 |
| 78.75° | 10.2 | 10.2 | 10.3 | 10.3 | 10.3 | 10.3 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 |
| 77.5° | 10.7 | 10.7 | 10.7 | 10.8 | 10.8 | 10.8 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 |
| 76.25° | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.6 | 11.7 | 11.7 | 11.8 | 11.8 | 11.9 |
| 75° | 12.2 | 12.3 | 12.3 | 12.4 | 12.5 | 12.6 | 12.6 | 12.7 | 12.8 | 12.8 | 12.9 |
| 73.75° | 13.0 | 13.1 | 13.1 | 13.2 | 13.2 | 13.3 | 13.3 | 13.3 | 13.4 | 13.4 | 13.4 |
| 72.5° | 13.5 | 13.6 | 13.6 | 13.7 | 13.7 | 13.8 | 13.8 | 13.8 | 13.9 | 13.9 | 13.9 |
| 71.25° | 14.0 | 14.1 | 14.3 | 14.4 | 14.6 | 14.7 | 14.8 | 14.9 | 15.1 | 15.1 | 15.2 |
| 70° | 15.3 | 15.5 | 15.7 | 15.8 | 16.0 | 16.1 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 |
| 68.75° | 16.7 | 16.9 | 17.1 | 17.3 | 17.4 | 17.6 | 17.7 | 17.9 | 18.0 | 18.1 | 18.2 |
| 67.5° | 18.1 | 18.3 | 18.5 | 18.7 | 18.9 | 19.0 | 19.2 | 19.3 | 19.5 | 19.6 | 19.7 |
| 66.25° | 19.5 | 19.7 | 19.9 | 20.1 | 20.3 | 20.5 | 20.6 | 20.8 | 20.9 | 21.0 | 21.1 |
| 65° | 20.8 | 21.1 | 21.3 | 21.5 | 21.7 | 21.9 | 22.1 | 22.2 | 22.4 | 22.5 | 22.6 |
| 63.75° | 22.2 | 22.5 | 22.7 | 22.9 | 23.1 | 23.2 | 23.4 | 23.5 | 23.6 | 23.7 | 23.7 |
| 62.5° | 23.4 | 23.6 | 23.7 | 23.9 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 |
| 61.25° | 24.3 | 24.5 | 24.7 | 24.8 | 25.0 | 25.1 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 |
| 60° | 25.2 | 25.4 | 25.6 | 25.8 | 25.9 | 26.1 | 26.2 | 26.4 | 26.5 | 26.6 | 26.7 |
| 58.75° | 26.1 | 26.3 | 26.5 | 26.7 | 26.9 | 27.0 | 27.1 | 27.2 | 27.2 | 27.3 | 27.3 |
| 57.5° | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.7 | 27.8 | 27.8 |
| 56.25° | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.1 | 28.2 | 28.3 | 28.3 |
| 55° | 27.9 | 28.0 | 28.2 | 28.3 | 28.4 | 28.5 | 28.5 | 28.6 | 28.7 | 28.8 | 28.8 |
| 53.75° | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.2 | 29.3 |
| 52.5° | 28.8 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.7 | 29.8 |
| 51.25° | 29.3 | 29.4 | 29.5 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.1 | 30.2 | 30.3 |
| 50° | 29.7 | 29.9 | 30.0 | 30.1 | 30.2 | 30.4 | 30.5 | 30.5 | 30.6 | 30.7 | 30.8 |
| 48.75° | 30.2 | 30.3 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 |
| 47.5° | 30.6 | 30.8 | 30.9 | 31.0 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 |
| 46.25° | 31.1 | 31.2 | 31.4 | 31.5 | 31.6 | 31.8 | 31.9 | 32.0 | 32.2 | 32.3 | 32.5 |
| 45° | 31.5 | 31.7 | 31.8 | 32.0 | 32.2 | 32.5 | 32.7 | 32.9 | 33.1 | 33.3 | 33.5 |
| 43.75° | 31.9 | 32.2 | 32.5 | 32.8 | 33.1 | 33.4 | 33.6 | 33.9 | 34.0 | 34.1 | 34.2 |
| 42.5° | 32.7 | 33.1 | 33.4 | 33.7 | 34.0 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 |
| 41.25° | 33.6 | 34.0 | 34.2 | 34.3 | 34.5 | 34.6 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 |
| 40° | 34.2 | 34.4 | 34.6 | 34.8 | 34.9 | 35.1 | 35.2 | 35.4 | 35.5 | 35.6 | 35.7 |
| 38.75° | 34.6 | 34.9 | 35.0 | 35.2 | 35.4 | 35.6 | 35.7 | 35.8 | 36.0 | 36.1 | 36.3 |
| 37.5° | 35.1 | 35.3 | 35.5 | 35.7 | 35.8 | 36.0 | 36.3 | 36.6 | 36.9 | 37.1 | 37.3 |
| 36.25° | 35.5 | 35.7 | 35.9 | 36.2 | 36.6 | 36.9 | 37.3 | 37.5 | 37.8 | 38.4 | 39.8 |
| 35° | 35.9 | 36.3 | 36.7 | 37.1 | 37.5 | 37.8 | 39.1 | 41.1 | 43.0 | 44.6 | 46.1 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 36.6 | 37.1 | 37.6 | 38.0 | 40.4 | 42.8 | 45.1 | 47.2 | 49.1 | 50.8 | 55.7 |
| 32.5° | 37.5 | 37.9 | 40.6 | 43.5 | 46.1 | 48.7 | 51.1 | 58.5 | 65.3 | 71.4 | 76.8 |
| 31.25° | 39.7 | 42.9 | 46.1 | 49.0 | 53.8 | 62.8 | 71.1 | 78.8 | 85.9 | 92.3 | 100.8 |
| 30° | 44.9 | 48.2 | 52.6 | 63.0 | 72.9 | 82.2 | 90.9 | 102.8 | 117.4 | 130.7 | 142.5 |
| 28.75° | 49.9 | 59.3 | 70.7 | 81.5 | 91.8 | 107.9 | 125.8 | 142.5 | 157.8 | 171.6 | 184.7 |
| 27.5° | 64.4 | 76.7 | 88.5 | 104.6 | 125.7 | 145.7 | 164.4 | 181.8 | 203.8 | 223.9 | 241.3 |
| 26.25° | 81.1 | 93.9 | 117.0 | 140.2 | 162.3 | 183.6 | 210.6 | 235.4 | 257.6 | 277.5 | 294.0 |
| 25° | 99.8 | 126.0 | 151.2 | 175.4 | 204.6 | 234.4 | 261.4 | 285.7 | 306.8 | 327.3 | 347.1 |
| 23.75° | 131.5 | 158.7 | 185.9 | 220.5 | 252.6 | 282.0 | 307.8 | 333.9 | 359.3 | 384.2 | 407.2 |
| 22.5° | 162.4 | 193.8 | 231.2 | 265.8 | 296.8 | 326.5 | 357.3 | 388.2 | 417.7 | 447.5 | 474.5 |
| 21.25° | 196.4 | 236.4 | 273.7 | 306.7 | 341.0 | 376.1 | 411.8 | 448.1 | 482.7 | 514.8 | 544.2 |
| 20° | 236.4 | 276.4 | 311.7 | 349.8 | 389.4 | 430.0 | 471.5 | 511.1 | 548.7 | 584.8 | 617.0 |
| 18.75° | 273.7 | 311.7 | 352.8 | 396.2 | 441.5 | 487.5 | 531.8 | 575.8 | 616.8 | 653.8 | 686.2 |
| 17.5° | 306.7 | 349.8 | 396.2 | 445.4 | 495.6 | 544.7 | 594.2 | 639.7 | 681.2 | 718.4 | 746.8 |
| 16.25° | 341.0 | 389.4 | 441.5 | 495.6 | 549.2 | 603.5 | 653.7 | 699.5 | 738.5 | 770.5 | 793.8 |
| 15° | 376.1 | 430.0 | 487.5 | 544.7 | 603.5 | 658.4 | 708.8 | 750.2 | 783.5 | 810.1 | 829.6 |
| 13.75° | 411.8 | 471.5 | 531.8 | 594.2 | 653.7 | 708.8 | 754.1 | 790.0 | 818.1 | 840.4 | 858.4 |
| 12.5° | 448.1 | 511.1 | 575.8 | 639.7 | 699.5 | 750.2 | 790.0 | 820.8 | 845.3 | 866.0 | 883.0 |
| 11.25° | 482.7 | 548.7 | 616.8 | 681.2 | 738.5 | 783.5 | 818.1 | 845.3 | 868.3 | 887.8 | 903.7 |
| 10° | 514.8 | 584.8 | 653.8 | 718.4 | 770.5 | 810.1 | 840.4 | 866.0 | 887.8 | 905.9 | 920.6 |
| 8.75° | 544.2 | 617.0 | 686.2 | 746.8 | 793.8 | 829.6 | 858.4 | 883.0 | 903.7 | 920.6 | 934.1 |
| 7.5° | 571.5 | 645.0 | 714.5 | 771.3 | 813.4 | 846.0 | 873.6 | 897.1 | 916.6 | 932.3 | 946.4 |
| 6.25° | 595.0 | 669.0 | 736.0 | 788.1 | 827.6 | 859.2 | 886.2 | 908.8 | 927.1 | 942.4 | 957.4 |
| 5° | 614.2 | 688.2 | 752.7 | 802.2 | 839.5 | 869.8 | 895.7 | 917.4 | 934.8 | 951.5 | 966.1 |
| 3.75° | 629.1 | 703.3 | 765.8 | 812.5 | 847.7 | 877.6 | 903.1 | 924.3 | 941.2 | 958.2 | 973.8 |
| 2.5° | 639.8 | 714.2 | 774.4 | 818.8 | 853.7 | 883.3 | 908.5 | 928.6 | 946.2 | 963.0 | 979.6 |
| 1.25° | 646.3 | 720.8 | 779.0 | 822.7 | 857.3 | 886.8 | 911.3 | 931.1 | 949.2 | 966.0 | 983.1 |
| 0° | 648.5 | 723.0 | 780.5 | 824.0 | 858.5 | 888.0 | 912.3 | 932.0 | 950.3 | 967.0 | 984.3 |
| -1.25° | 646.3 | 720.8 | 779.0 | 822.7 | 857.3 | 886.8 | 911.3 | 931.1 | 949.2 | 966.0 | 983.1 |
| -2.5° | 639.8 | 714.2 | 774.4 | 818.8 | 853.7 | 883.3 | 908.5 | 928.6 | 946.2 | 963.0 | 979.6 |
| -3.75° | 629.1 | 703.3 | 765.8 | 812.5 | 847.7 | 877.6 | 903.1 | 924.3 | 941.2 | 958.2 | 973.8 |
| -5° | 614.2 | 688.2 | 752.7 | 802.2 | 839.5 | 869.8 | 895.7 | 917.4 | 934.8 | 951.5 | 966.1 |
| -6.25° | 595.0 | 669.0 | 736.0 | 788.1 | 827.6 | 859.2 | 886.2 | 908.8 | 927.1 | 942.4 | 957.4 |
| -7.5° | 571.5 | 645.0 | 714.5 | 771.3 | 813.4 | 846.0 | 873.6 | 897.1 | 916.6 | 932.3 | 946.4 |
| -8.75° | 544.2 | 617.0 | 686.2 | 746.8 | 793.8 | 829.6 | 858.4 | 883.0 | 903.7 | 920.6 | 934.1 |
| -10° | 514.8 | 584.8 | 653.8 | 718.4 | 770.5 | 810.1 | 840.4 | 866.0 | 887.8 | 905.9 | 920.6 |
| -11.25° | 482.7 | 548.7 | 616.8 | 681.2 | 738.5 | 783.5 | 818.1 | 845.3 | 868.3 | 887.8 | 903.7 |
| -12.5° | 448.1 | 511.1 | 575.8 | 639.7 | 699.5 | 750.2 | 790.0 | 820.8 | 845.3 | 866.0 | 883.0 |
| -13.75° | 411.8 | 471.5 | 531.8 | 594.2 | 653.7 | 708.8 | 754.1 | 790.0 | 818.1 | 840.4 | 858.4 |
| -15° | 376.1 | 430.0 | 487.5 | 544.7 | 603.5 | 658.4 | 708.8 | 750.2 | 783.5 | 810.1 | 829.6 |
| -16.25° | 341.0 | 389.4 | 441.5 | 495.6 | 549.2 | 603.5 | 653.7 | 699.5 | 738.5 | 770.5 | 793.8 |
| -17.5° | 306.7 | 349.8 | 396.2 | 445.4 | 495.6 | 544.7 | 594.2 | 639.7 | 681.2 | 718.4 | 746.8 |
| -18.75° | 273.7 | 311.7 | 352.8 | 396.2 | 441.5 | 487.5 | 531.8 | 575.8 | 616.8 | 653.8 | 686.2 |
| -20° | 236.4 | 276.4 | 311.7 | 349.8 | 389.4 | 430.0 | 471.5 | 511.1 | 548.7 | 584.8 | 617.0 |
| -21.25° | 196.4 | 236.4 | 273.7 | 306.7 | 341.0 | 376.1 | 411.8 | 448.1 | 482.7 | 514.8 | 544.2 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|-------|---------|--------|---------|-------|---------|--------|---------|-------|--------|
| -22.5° | 162.4 | 193.8 | 231.2 | 265.8 | 296.8 | 326.5 | 357.3 | 388.2 | 417.7 | 447.5 | 474.5 |
| -23.75° | 131.5 | 158.7 | 185.9 | 220.5 | 252.6 | 282.0 | 307.8 | 333.9 | 359.3 | 384.2 | 407.2 |
| -25° | 99.8 | 126.0 | 151.2 | 175.4 | 204.6 | 234.4 | 261.4 | 285.7 | 306.8 | 327.3 | 347.1 |
| -26.25° | 81.1 | 93.9 | 117.0 | 140.2 | 162.3 | 183.6 | 210.6 | 235.4 | 257.6 | 277.5 | 294.0 |
| -27.5° | 64.4 | 76.7 | 88.5 | 104.6 | 125.7 | 145.7 | 164.4 | 181.8 | 203.8 | 223.9 | 241.3 |
| -28.75° | 49.9 | 59.3 | 70.7 | 81.5 | 91.8 | 107.9 | 125.8 | 142.5 | 157.8 | 171.6 | 184.7 |
| -30° | 44.9 | 48.2 | 52.6 | 63.0 | 72.9 | 82.2 | 90.9 | 102.8 | 117.4 | 130.7 | 142.5 |
| -31.25° | 39.7 | 42.9 | 46.1 | 49.0 | 53.8 | 62.8 | 71.1 | 78.8 | 85.9 | 92.3 | 100.8 |
| -32.5° | 37.5 | 37.9 | 40.6 | 43.5 | 46.1 | 48.7 | 51.1 | 58.5 | 65.3 | 71.4 | 76.8 |
| -33.75° | 36.6 | 37.1 | 37.6 | 38.0 | 40.4 | 42.8 | 45.1 | 47.2 | 49.1 | 50.8 | 55.7 |
| -35° | 35.9 | 36.3 | 36.7 | 37.1 | 37.5 | 37.8 | 39.1 | 41.1 | 43.0 | 44.6 | 46.1 |
| -36.25° | 35.5 | 35.7 | 35.9 | 36.2 | 36.6 | 36.9 | 37.3 | 37.5 | 37.8 | 38.4 | 39.8 |
| -37.5° | 35.1 | 35.3 | 35.5 | 35.7 | 35.8 | 36.0 | 36.3 | 36.6 | 36.9 | 37.1 | 37.3 |
| -38.75° | 34.6 | 34.9 | 35.0 | 35.2 | 35.4 | 35.6 | 35.7 | 35.8 | 36.0 | 36.1 | 36.3 |
| -40° | 34.2 | 34.4 | 34.6 | 34.8 | 34.9 | 35.1 | 35.2 | 35.4 | 35.5 | 35.6 | 35.7 |
| -41.25° | 33.6 | 34.0 | 34.2 | 34.3 | 34.5 | 34.6 | 34.8 | 34.9 | 35.0 | 35.1 | 35.2 |
| -42.5° | 32.7 | 33.1 | 33.4 | 33.7 | 34.0 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 |
| -43.75° | 31.9 | 32.2 | 32.5 | 32.8 | 33.1 | 33.4 | 33.6 | 33.9 | 34.0 | 34.1 | 34.2 |
| -45° | 31.5 | 31.7 | 31.8 | 32.0 | 32.2 | 32.5 | 32.7 | 32.9 | 33.1 | 33.3 | 33.5 |
| -46.25° | 31.1 | 31.2 | 31.4 | 31.5 | 31.6 | 31.8 | 31.9 | 32.0 | 32.2 | 32.3 | 32.5 |
| -47.5° | 30.6 | 30.8 | 30.9 | 31.0 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 |
| -48.75° | 30.2 | 30.3 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 | 31.0 | 31.1 | 31.2 | 31.3 |
| -50° | 29.7 | 29.9 | 30.0 | 30.1 | 30.2 | 30.4 | 30.5 | 30.5 | 30.6 | 30.7 | 30.8 |
| -51.25° | 29.3 | 29.4 | 29.5 | 29.7 | 29.8 | 29.9 | 30.0 | 30.1 | 30.1 | 30.2 | 30.3 |
| -52.5° | 28.8 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.7 | 29.8 |
| -53.75° | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 | 29.0 | 29.1 | 29.2 | 29.2 | 29.3 |
| -55° | 27.9 | 28.0 | 28.2 | 28.3 | 28.4 | 28.5 | 28.5 | 28.6 | 28.7 | 28.8 | 28.8 |
| -56.25° | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 | 28.0 | 28.1 | 28.1 | 28.2 | 28.3 | 28.3 |
| -57.5° | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.7 | 27.8 | 27.8 |
| -58.75° | 26.1 | 26.3 | 26.5 | 26.7 | 26.9 | 27.0 | 27.1 | 27.2 | 27.2 | 27.3 | 27.3 |
| -60° | 25.2 | 25.4 | 25.6 | 25.8 | 25.9 | 26.1 | 26.2 | 26.4 | 26.5 | 26.6 | 26.7 |
| -61.25° | 24.3 | 24.5 | 24.7 | 24.8 | 25.0 | 25.1 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 |
| -62.5° | 23.4 | 23.6 | 23.7 | 23.9 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 |
| -63.75° | 22.2 | 22.5 | 22.7 | 22.9 | 23.1 | 23.2 | 23.4 | 23.5 | 23.6 | 23.7 | 23.7 |
| -65° | 20.8 | 21.1 | 21.3 | 21.5 | 21.7 | 21.9 | 22.1 | 22.2 | 22.4 | 22.5 | 22.6 |
| -66.25° | 19.5 | 19.7 | 19.9 | 20.1 | 20.3 | 20.5 | 20.6 | 20.8 | 20.9 | 21.0 | 21.1 |
| -67.5° | 18.1 | 18.3 | 18.5 | 18.7 | 18.9 | 19.0 | 19.2 | 19.3 | 19.5 | 19.6 | 19.7 |
| -68.75° | 16.7 | 16.9 | 17.1 | 17.3 | 17.4 | 17.6 | 17.7 | 17.9 | 18.0 | 18.1 | 18.2 |
| -70° | 15.3 | 15.5 | 15.7 | 15.8 | 16.0 | 16.1 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 |
| -71.25° | 14.0 | 14.1 | 14.3 | 14.4 | 14.6 | 14.7 | 14.8 | 14.9 | 15.1 | 15.1 | 15.2 |
| -72.5° | 13.5 | 13.6 | 13.6 | 13.7 | 13.7 | 13.8 | 13.8 | 13.8 | 13.9 | 13.9 | 13.9 |
| -73.75° | 13.0 | 13.1 | 13.1 | 13.2 | 13.2 | 13.3 | 13.3 | 13.3 | 13.4 | 13.4 | 13.4 |
| -75° | 12.2 | 12.3 | 12.3 | 12.4 | 12.5 | 12.6 | 12.6 | 12.7 | 12.8 | 12.8 | 12.9 |
| -76.25° | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.6 | 11.7 | 11.7 | 11.8 | 11.8 | 11.9 |
| -77.5° | 10.7 | 10.7 | 10.7 | 10.8 | 10.8 | 10.8 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -78.75° | 10.2 | 10.2 | 10.3 | 10.3 | 10.3 | 10.3 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 |
| -80° | 9.2 | 9.3 | 9.4 | 9.4 | 9.5 | 9.6 | 9.7 | 9.7 | 9.8 | 9.8 | 9.9 |
| -81.25° | 7.8 | 7.9 | 7.9 | 8.0 | 8.1 | 8.1 | 8.2 | 8.2 | 8.3 | 8.3 | 8.4 |
| -82.5° | 6.6 | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 | 6.9 |
| -83.75° | 5.7 | 5.7 | 5.7 | 5.8 | 5.8 | 5.8 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 |
| -85° | 4.6 | 4.6 | 4.7 | 4.7 | 4.8 | 4.8 | 4.8 | 4.9 | 4.9 | 4.9 | 4.9 |
| -86.25° | 3.2 | 3.2 | 3.3 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| -87.5° | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | 2.0 | 2.0 | 2.0 | 2.0 |
| -88.75° | 0.9 | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|--------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 86.25° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| 85° | 4.9 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| 83.75° | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| 82.5° | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| 81.25° | 8.4 | 8.4 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| 80° | 9.9 | 9.9 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| 78.75° | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 |
| 77.5° | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 |
| 76.25° | 11.9 | 11.9 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| 75° | 12.9 | 12.9 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| 73.75° | 13.4 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 |
| 72.5° | 13.9 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| 71.25° | 15.3 | 15.4 | 15.4 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.4 |
| 70° | 16.8 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 16.9 | 16.9 |
| 68.75° | 18.3 | 18.3 | 18.4 | 18.4 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.4 | 18.4 |
| 67.5° | 19.8 | 19.8 | 19.9 | 19.9 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 19.9 | 19.9 |
| 66.25° | 21.2 | 21.3 | 21.4 | 21.4 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.4 | 21.4 |
| 65° | 22.7 | 22.8 | 22.9 | 22.9 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 22.9 | 22.9 |
| 63.75° | 23.8 | 23.9 | 23.9 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.9 |
| 62.5° | 24.8 | 24.9 | 24.9 | 24.9 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.9 | 24.9 |
| 61.25° | 25.8 | 25.9 | 25.9 | 25.9 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 25.9 | 25.9 |
| 60° | 26.8 | 26.8 | 26.9 | 26.9 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 26.9 | 26.9 |
| 58.75° | 27.4 | 27.4 | 27.4 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.4 |
| 57.5° | 27.9 | 27.9 | 27.9 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.9 |
| 56.25° | 28.4 | 28.4 | 28.4 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.4 |
| 55° | 28.9 | 28.9 | 28.9 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 28.9 |
| 53.75° | 29.4 | 29.4 | 29.4 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.4 |
| 52.5° | 29.8 | 29.9 | 29.9 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 29.9 |
| 51.25° | 30.3 | 30.4 | 30.4 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.4 |
| 50° | 30.8 | 30.9 | 30.9 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 30.9 |
| 48.75° | 31.3 | 31.4 | 31.4 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.4 |
| 47.5° | 31.8 | 31.9 | 31.9 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 31.9 |
| 46.25° | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 32.9 | 32.8 |
| 45° | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 33.9 | 33.8 |
| 43.75° | 34.3 | 34.4 | 34.4 | 34.4 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.4 | 34.4 |
| 42.5° | 34.8 | 34.9 | 34.9 | 34.9 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 34.9 | 34.9 |
| 41.25° | 35.3 | 35.3 | 35.4 | 35.4 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.4 | 35.4 |
| 40° | 35.8 | 35.8 | 35.9 | 35.9 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 35.9 | 35.9 |
| 38.75° | 36.5 | 36.7 | 36.8 | 36.9 | 36.9 | 37.0 | 37.0 | 37.0 | 36.9 | 36.9 | 36.8 |
| 37.5° | 37.5 | 37.6 | 37.8 | 37.9 | 37.9 | 38.0 | 38.0 | 38.0 | 37.9 | 37.9 | 37.8 |
| 36.25° | 41.1 | 42.1 | 43.0 | 43.6 | 44.1 | 44.4 | 44.5 | 44.4 | 44.1 | 43.6 | 43.0 |
| 35° | 47.4 | 48.5 | 49.4 | 50.1 | 50.6 | 50.9 | 51.0 | 50.9 | 50.6 | 50.1 | 49.4 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 33.75° | 60.2 | 64.1 | 67.3 | 69.8 | 71.6 | 72.6 | 73.0 | 72.6 | 71.6 | 69.8 | 67.3 |
| 32.5° | 81.6 | 85.7 | 89.0 | 91.6 | 93.5 | 94.6 | 95.0 | 94.6 | 93.5 | 91.6 | 89.0 |
| 31.25° | 110.7 | 119.1 | 126.1 | 131.5 | 135.4 | 137.7 | 138.5 | 137.7 | 135.4 | 131.5 | 126.1 |
| 30° | 152.8 | 161.7 | 168.9 | 174.6 | 178.7 | 181.2 | 182.0 | 181.2 | 178.7 | 174.6 | 168.9 |
| 28.75° | 199.7 | 212.5 | 223.0 | 231.3 | 236.9 | 240.4 | 241.5 | 240.4 | 236.9 | 231.3 | 223.0 |
| 27.5° | 256.3 | 269.2 | 279.5 | 287.1 | 292.6 | 295.9 | 297.0 | 295.9 | 292.6 | 287.1 | 279.5 |
| 26.25° | 308.5 | 321.2 | 332.9 | 342.1 | 348.7 | 352.7 | 354.0 | 352.7 | 348.7 | 342.1 | 332.9 |
| 25° | 364.5 | 380.8 | 394.4 | 405.1 | 412.8 | 417.5 | 419.0 | 417.5 | 412.8 | 405.1 | 394.4 |
| 23.75° | 428.4 | 447.8 | 463.8 | 476.4 | 485.6 | 491.1 | 493.0 | 491.1 | 485.6 | 476.4 | 463.8 |
| 22.5° | 498.7 | 519.5 | 536.8 | 551.2 | 561.6 | 567.9 | 570.0 | 567.9 | 561.6 | 551.2 | 536.8 |
| 21.25° | 571.5 | 595.0 | 614.2 | 629.1 | 639.8 | 646.3 | 648.5 | 646.3 | 639.8 | 629.1 | 614.2 |
| 20° | 645.0 | 669.0 | 688.2 | 703.3 | 714.2 | 720.8 | 723.0 | 720.8 | 714.2 | 703.3 | 688.2 |
| 18.75° | 714.5 | 736.0 | 752.7 | 765.8 | 774.4 | 779.0 | 780.5 | 779.0 | 774.4 | 765.8 | 752.7 |
| 17.5° | 771.3 | 788.1 | 802.2 | 812.5 | 818.8 | 822.7 | 824.0 | 822.7 | 818.8 | 812.5 | 802.2 |
| 16.25° | 813.4 | 827.6 | 839.5 | 847.7 | 853.7 | 857.3 | 858.5 | 857.3 | 853.7 | 847.7 | 839.5 |
| 15° | 846.0 | 859.2 | 869.8 | 877.6 | 883.3 | 886.8 | 888.0 | 886.8 | 883.3 | 877.6 | 869.8 |
| 13.75° | 873.6 | 886.2 | 895.7 | 903.1 | 908.5 | 911.3 | 912.3 | 911.3 | 908.5 | 903.1 | 895.7 |
| 12.5° | 897.1 | 908.8 | 917.4 | 924.3 | 928.6 | 931.1 | 932.0 | 931.1 | 928.6 | 924.3 | 917.4 |
| 11.25° | 916.6 | 927.1 | 934.8 | 941.2 | 946.2 | 949.2 | 950.3 | 949.2 | 946.2 | 941.2 | 934.8 |
| 10° | 932.3 | 942.4 | 951.5 | 958.2 | 963.0 | 966.0 | 967.0 | 966.0 | 963.0 | 958.2 | 951.5 |
| 8.75° | 946.4 | 957.4 | 966.1 | 973.8 | 979.6 | 983.1 | 984.3 | 983.1 | 979.6 | 973.8 | 966.1 |
| 7.5° | 959.3 | 970.5 | 980.9 | 989.1 | 995.1 | 998.4 | 999.5 | 998.4 | 995.1 | 989.1 | 980.9 |
| 6.25° | 970.5 | 983.2 | 994.0 | 1001.9 | 1007.7 | 1011.3 | 1012.5 | 1011.3 | 1007.7 | 1001.9 | 994.0 |
| 5° | 980.9 | 994.0 | 1004.3 | 1012.5 | 1016.6 | 1018.4 | 1019.0 | 1018.4 | 1016.6 | 1012.5 | 1004.3 |
| 3.75° | 989.1 | 1001.9 | 1012.5 | 1017.8 | 1022.0 | 1025.2 | 1026.3 | 1025.2 | 1022.0 | 1017.8 | 1012.5 |
| 2.5° | 995.1 | 1007.7 | 1016.6 | 1022.0 | 1027.3 | 1030.0 | 1030.0 | 1030.0 | 1027.3 | 1022.0 | 1016.6 |
| 1.25° | 998.4 | 1011.3 | 1018.4 | 1025.2 | 1030.0 | 1031.4 | 1034.5 | 1031.4 | 1030.0 | 1025.2 | 1018.4 |
| 0° | 999.5 | 1012.5 | 1019.0 | 1026.3 | 1030.0 | 1034.5 | 1039.0 | 1034.5 | 1030.0 | 1026.3 | 1019.0 |
| -1.25° | 998.4 | 1011.3 | 1018.4 | 1025.2 | 1030.0 | 1031.4 | 1034.5 | 1031.4 | 1030.0 | 1025.2 | 1018.4 |
| -2.5° | 995.1 | 1007.7 | 1016.6 | 1022.0 | 1027.3 | 1030.0 | 1030.0 | 1030.0 | 1027.3 | 1022.0 | 1016.6 |
| -3.75° | 989.1 | 1001.9 | 1012.5 | 1017.8 | 1022.0 | 1025.2 | 1026.3 | 1025.2 | 1022.0 | 1017.8 | 1012.5 |
| -5° | 980.9 | 994.0 | 1004.3 | 1012.5 | 1016.6 | 1018.4 | 1019.0 | 1018.4 | 1016.6 | 1012.5 | 1004.3 |
| -6.25° | 970.5 | 983.2 | 994.0 | 1001.9 | 1007.7 | 1011.3 | 1012.5 | 1011.3 | 1007.7 | 1001.9 | 994.0 |
| -7.5° | 959.3 | 970.5 | 980.9 | 989.1 | 995.1 | 998.4 | 999.5 | 998.4 | 995.1 | 989.1 | 980.9 |
| -8.75° | 946.4 | 957.4 | 966.1 | 973.8 | 979.6 | 983.1 | 984.3 | 983.1 | 979.6 | 973.8 | 966.1 |
| -10° | 932.3 | 942.4 | 951.5 | 958.2 | 963.0 | 966.0 | 967.0 | 966.0 | 963.0 | 958.2 | 951.5 |
| -11.25° | 916.6 | 927.1 | 934.8 | 941.2 | 946.2 | 949.2 | 950.3 | 949.2 | 946.2 | 941.2 | 934.8 |
| -12.5° | 897.1 | 908.8 | 917.4 | 924.3 | 928.6 | 931.1 | 932.0 | 931.1 | 928.6 | 924.3 | 917.4 |
| -13.75° | 873.6 | 886.2 | 895.7 | 903.1 | 908.5 | 911.3 | 912.3 | 911.3 | 908.5 | 903.1 | 895.7 |
| -15° | 846.0 | 859.2 | 869.8 | 877.6 | 883.3 | 886.8 | 888.0 | 886.8 | 883.3 | 877.6 | 869.8 |
| -16.25° | 813.4 | 827.6 | 839.5 | 847.7 | 853.7 | 857.3 | 858.5 | 857.3 | 853.7 | 847.7 | 839.5 |
| -17.5° | 771.3 | 788.1 | 802.2 | 812.5 | 818.8 | 822.7 | 824.0 | 822.7 | 818.8 | 812.5 | 802.2 |
| -18.75° | 714.5 | 736.0 | 752.7 | 765.8 | 774.4 | 779.0 | 780.5 | 779.0 | 774.4 | 765.8 | 752.7 |
| -20° | 645.0 | 669.0 | 688.2 | 703.3 | 714.2 | 720.8 | 723.0 | 720.8 | 714.2 | 703.3 | 688.2 |
| -21.25° | 571.5 | 595.0 | 614.2 | 629.1 | 639.8 | 646.3 | 648.5 | 646.3 | 639.8 | 629.1 | 614.2 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC2-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° | 498.7 | 519.5 | 536.8 | 551.2 | 561.6 | 567.9 | 570.0 | 567.9 | 561.6 | 551.2 | 536.8 |
| -23.75° | 428.4 | 447.8 | 463.8 | 476.4 | 485.6 | 491.1 | 493.0 | 491.1 | 485.6 | 476.4 | 463.8 |
| -25° | 364.5 | 380.8 | 394.4 | 405.1 | 412.8 | 417.5 | 419.0 | 417.5 | 412.8 | 405.1 | 394.4 |
| -26.25° | 308.5 | 321.2 | 332.9 | 342.1 | 348.7 | 352.7 | 354.0 | 352.7 | 348.7 | 342.1 | 332.9 |
| -27.5° | 256.3 | 269.2 | 279.5 | 287.1 | 292.6 | 295.9 | 297.0 | 295.9 | 292.6 | 287.1 | 279.5 |
| -28.75° | 199.7 | 212.5 | 223.0 | 231.3 | 236.9 | 240.4 | 241.5 | 240.4 | 236.9 | 231.3 | 223.0 |
| -30° | 152.8 | 161.7 | 168.9 | 174.6 | 178.7 | 181.2 | 182.0 | 181.2 | 178.7 | 174.6 | 168.9 |
| -31.25° | 110.7 | 119.1 | 126.1 | 131.5 | 135.4 | 137.7 | 138.5 | 137.7 | 135.4 | 131.5 | 126.1 |
| -32.5° | 81.6 | 85.7 | 89.0 | 91.6 | 93.5 | 94.6 | 95.0 | 94.6 | 93.5 | 91.6 | 89.0 |
| -33.75° | 60.2 | 64.1 | 67.3 | 69.8 | 71.6 | 72.6 | 73.0 | 72.6 | 71.6 | 69.8 | 67.3 |
| -35° | 47.4 | 48.5 | 49.4 | 50.1 | 50.6 | 50.9 | 51.0 | 50.9 | 50.6 | 50.1 | 49.4 |
| -36.25° | 41.1 | 42.1 | 43.0 | 43.6 | 44.1 | 44.4 | 44.5 | 44.4 | 44.1 | 43.6 | 43.0 |
| -37.5° | 37.5 | 37.6 | 37.8 | 37.9 | 37.9 | 38.0 | 38.0 | 38.0 | 37.9 | 37.9 | 37.8 |
| -38.75° | 36.5 | 36.7 | 36.8 | 36.9 | 36.9 | 37.0 | 37.0 | 37.0 | 36.9 | 36.9 | 36.8 |
| -40° | 35.8 | 35.8 | 35.9 | 35.9 | 36.0 | 36.0 | 36.0 | 36.0 | 36.0 | 35.9 | 35.9 |
| -41.25° | 35.3 | 35.3 | 35.4 | 35.4 | 35.5 | 35.5 | 35.5 | 35.5 | 35.5 | 35.4 | 35.4 |
| -42.5° | 34.8 | 34.9 | 34.9 | 34.9 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 34.9 | 34.9 |
| -43.75° | 34.3 | 34.4 | 34.4 | 34.4 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.4 | 34.4 |
| -45° | 33.6 | 33.7 | 33.8 | 33.9 | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 | 33.9 | 33.8 |
| -46.25° | 32.6 | 32.7 | 32.8 | 32.9 | 33.0 | 33.0 | 33.0 | 33.0 | 33.0 | 32.9 | 32.8 |
| -47.5° | 31.8 | 31.9 | 31.9 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 31.9 |
| -48.75° | 31.3 | 31.4 | 31.4 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.5 | 31.4 |
| -50° | 30.8 | 30.9 | 30.9 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 30.9 |
| -51.25° | 30.3 | 30.4 | 30.4 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.4 |
| -52.5° | 29.8 | 29.9 | 29.9 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 29.9 |
| -53.75° | 29.4 | 29.4 | 29.4 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.5 | 29.4 |
| -55° | 28.9 | 28.9 | 28.9 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 28.9 |
| -56.25° | 28.4 | 28.4 | 28.4 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.5 | 28.4 |
| -57.5° | 27.9 | 27.9 | 27.9 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 27.9 |
| -58.75° | 27.4 | 27.4 | 27.4 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.5 | 27.4 |
| -60° | 26.8 | 26.8 | 26.9 | 26.9 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 26.9 | 26.9 |
| -61.25° | 25.8 | 25.9 | 25.9 | 25.9 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 25.9 | 25.9 |
| -62.5° | 24.8 | 24.9 | 24.9 | 24.9 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 24.9 | 24.9 |
| -63.75° | 23.8 | 23.9 | 23.9 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 | 23.9 |
| -65° | 22.7 | 22.8 | 22.9 | 22.9 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 22.9 | 22.9 |
| -66.25° | 21.2 | 21.3 | 21.4 | 21.4 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.4 | 21.4 |
| -67.5° | 19.8 | 19.8 | 19.9 | 19.9 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 19.9 | 19.9 |
| -68.75° | 18.3 | 18.3 | 18.4 | 18.4 | 18.5 | 18.5 | 18.5 | 18.5 | 18.5 | 18.4 | 18.4 |
| -70° | 16.8 | 16.9 | 16.9 | 16.9 | 17.0 | 17.0 | 17.0 | 17.0 | 17.0 | 16.9 | 16.9 |
| -71.25° | 15.3 | 15.4 | 15.4 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.4 |
| -72.5° | 13.9 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| -73.75° | 13.4 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 | 13.5 |
| -75° | 12.9 | 12.9 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 |
| -76.25° | 11.9 | 11.9 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| -77.5° | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 | 10.5 |
| -80° | 9.9 | 9.9 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| -81.25° | 8.4 | 8.4 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| -82.5° | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 |
| -83.75° | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| -85° | 4.9 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| -86.25° | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 |
| -87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| -88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|--------|-------|------|-------|------|--------|-------|--------|------|--------|-------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| 86.25° | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.3 | 3.3 | 3.3 | 3.3 |
| 85° | 5.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| 83.75° | 6.0 | 6.0 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.7 |
| 82.5° | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 |
| 81.25° | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 | 8.2 | 8.2 | 8.1 | 8.1 | 8.0 | 7.9 |
| 80° | 9.9 | 9.9 | 9.9 | 9.8 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.4 | 9.4 |
| 78.75° | 10.5 | 10.5 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.3 | 10.3 | 10.3 | 10.3 |
| 77.5° | 11.0 | 11.0 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 |
| 76.25° | 11.9 | 11.9 | 11.9 | 11.8 | 11.8 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.4 |
| 75° | 12.9 | 12.9 | 12.9 | 12.8 | 12.8 | 12.7 | 12.6 | 12.6 | 12.5 | 12.4 | 12.3 |
| 73.75° | 13.5 | 13.4 | 13.4 | 13.4 | 13.4 | 13.3 | 13.3 | 13.3 | 13.2 | 13.2 | 13.1 |
| 72.5° | 14.0 | 13.9 | 13.9 | 13.9 | 13.9 | 13.8 | 13.8 | 13.8 | 13.7 | 13.7 | 13.6 |
| 71.25° | 15.4 | 15.3 | 15.2 | 15.1 | 15.1 | 14.9 | 14.8 | 14.7 | 14.6 | 14.4 | 14.3 |
| 70° | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 |
| 68.75° | 18.3 | 18.3 | 18.2 | 18.1 | 18.0 | 17.9 | 17.7 | 17.6 | 17.4 | 17.3 | 17.1 |
| 67.5° | 19.8 | 19.8 | 19.7 | 19.6 | 19.5 | 19.3 | 19.2 | 19.0 | 18.9 | 18.7 | 18.5 |
| 66.25° | 21.3 | 21.2 | 21.1 | 21.0 | 20.9 | 20.8 | 20.6 | 20.5 | 20.3 | 20.1 | 19.9 |
| 65° | 22.8 | 22.7 | 22.6 | 22.5 | 22.4 | 22.2 | 22.1 | 21.9 | 21.7 | 21.5 | 21.3 |
| 63.75° | 23.9 | 23.8 | 23.7 | 23.7 | 23.6 | 23.5 | 23.4 | 23.2 | 23.1 | 22.9 | 22.7 |
| 62.5° | 24.9 | 24.8 | 24.7 | 24.6 | 24.5 | 24.4 | 24.3 | 24.2 | 24.1 | 23.9 | 23.7 |
| 61.25° | 25.9 | 25.8 | 25.7 | 25.6 | 25.5 | 25.4 | 25.3 | 25.1 | 25.0 | 24.8 | 24.7 |
| 60° | 26.8 | 26.8 | 26.7 | 26.6 | 26.5 | 26.4 | 26.2 | 26.1 | 25.9 | 25.8 | 25.6 |
| 58.75° | 27.4 | 27.4 | 27.3 | 27.3 | 27.2 | 27.2 | 27.1 | 27.0 | 26.9 | 26.7 | 26.5 |
| 57.5° | 27.9 | 27.9 | 27.8 | 27.8 | 27.7 | 27.7 | 27.6 | 27.5 | 27.4 | 27.3 | 27.2 |
| 56.25° | 28.4 | 28.4 | 28.3 | 28.3 | 28.2 | 28.1 | 28.1 | 28.0 | 27.9 | 27.8 | 27.7 |
| 55° | 28.9 | 28.9 | 28.8 | 28.8 | 28.7 | 28.6 | 28.5 | 28.5 | 28.4 | 28.3 | 28.2 |
| 53.75° | 29.4 | 29.4 | 29.3 | 29.2 | 29.2 | 29.1 | 29.0 | 28.9 | 28.8 | 28.7 | 28.6 |
| 52.5° | 29.9 | 29.8 | 29.8 | 29.7 | 29.7 | 29.6 | 29.5 | 29.4 | 29.3 | 29.2 | 29.1 |
| 51.25° | 30.4 | 30.3 | 30.3 | 30.2 | 30.1 | 30.1 | 30.0 | 29.9 | 29.8 | 29.7 | 29.5 |
| 50° | 30.9 | 30.8 | 30.8 | 30.7 | 30.6 | 30.5 | 30.5 | 30.4 | 30.2 | 30.1 | 30.0 |
| 48.75° | 31.4 | 31.3 | 31.3 | 31.2 | 31.1 | 31.0 | 30.9 | 30.8 | 30.7 | 30.6 | 30.5 |
| 47.5° | 31.9 | 31.8 | 31.8 | 31.7 | 31.6 | 31.5 | 31.4 | 31.3 | 31.2 | 31.0 | 30.9 |
| 46.25° | 32.7 | 32.6 | 32.5 | 32.3 | 32.2 | 32.0 | 31.9 | 31.8 | 31.6 | 31.5 | 31.4 |
| 45° | 33.7 | 33.6 | 33.5 | 33.3 | 33.1 | 32.9 | 32.7 | 32.5 | 32.2 | 32.0 | 31.8 |
| 43.75° | 34.4 | 34.3 | 34.2 | 34.1 | 34.0 | 33.9 | 33.6 | 33.4 | 33.1 | 32.8 | 32.5 |
| 42.5° | 34.9 | 34.8 | 34.7 | 34.6 | 34.5 | 34.4 | 34.3 | 34.2 | 34.0 | 33.7 | 33.4 |
| 41.25° | 35.3 | 35.3 | 35.2 | 35.1 | 35.0 | 34.9 | 34.8 | 34.6 | 34.5 | 34.3 | 34.2 |
| 40° | 35.8 | 35.8 | 35.7 | 35.6 | 35.5 | 35.4 | 35.2 | 35.1 | 34.9 | 34.8 | 34.6 |
| 38.75° | 36.7 | 36.5 | 36.3 | 36.1 | 36.0 | 35.8 | 35.7 | 35.6 | 35.4 | 35.2 | 35.0 |
| 37.5° | 37.6 | 37.5 | 37.3 | 37.1 | 36.9 | 36.6 | 36.3 | 36.0 | 35.8 | 35.7 | 35.5 |
| 36.25° | 42.1 | 41.1 | 39.8 | 38.4 | 37.8 | 37.5 | 37.3 | 36.9 | 36.6 | 36.2 | 35.9 |
| 35° | 48.5 | 47.4 | 46.1 | 44.6 | 43.0 | 41.1 | 39.1 | 37.8 | 37.5 | 37.1 | 36.7 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|--------|-------|-------|-------|--------|-------|--------|-------|--------|-------|--------|
| 33.75° | 64.1 | 60.2 | 55.7 | 50.8 | 49.1 | 47.2 | 45.1 | 42.8 | 40.4 | 38.0 | 37.6 |
| 32.5° | 85.7 | 81.6 | 76.8 | 71.4 | 65.3 | 58.5 | 51.1 | 48.7 | 46.1 | 43.5 | 40.6 |
| 31.25° | 119.1 | 110.7 | 100.8 | 92.3 | 85.9 | 78.8 | 71.1 | 62.8 | 53.8 | 49.0 | 46.1 |
| 30° | 161.7 | 152.8 | 142.5 | 130.7 | 117.4 | 102.8 | 90.9 | 82.2 | 72.9 | 63.0 | 52.6 |
| 28.75° | 212.5 | 199.7 | 184.7 | 171.6 | 157.8 | 142.5 | 125.8 | 107.9 | 91.8 | 81.5 | 70.7 |
| 27.5° | 269.2 | 256.3 | 241.3 | 223.9 | 203.8 | 181.8 | 164.4 | 145.7 | 125.7 | 104.6 | 88.5 |
| 26.25° | 321.2 | 308.5 | 294.0 | 277.5 | 257.6 | 235.4 | 210.6 | 183.6 | 162.3 | 140.2 | 117.0 |
| 25° | 380.8 | 364.5 | 347.1 | 327.3 | 306.8 | 285.7 | 261.4 | 234.4 | 204.6 | 175.4 | 151.2 |
| 23.75° | 447.8 | 428.4 | 407.2 | 384.2 | 359.3 | 333.9 | 307.8 | 282.0 | 252.6 | 220.5 | 185.9 |
| 22.5° | 519.5 | 498.7 | 474.5 | 447.5 | 417.7 | 388.2 | 357.3 | 326.5 | 296.8 | 265.8 | 231.2 |
| 21.25° | 595.0 | 571.5 | 544.2 | 514.8 | 482.7 | 448.1 | 411.8 | 376.1 | 341.0 | 306.7 | 273.7 |
| 20° | 669.0 | 645.0 | 617.0 | 584.8 | 548.7 | 511.1 | 471.5 | 430.0 | 389.4 | 349.8 | 311.7 |
| 18.75° | 736.0 | 714.5 | 686.2 | 653.8 | 616.8 | 575.8 | 531.8 | 487.5 | 441.5 | 396.2 | 352.8 |
| 17.5° | 788.1 | 771.3 | 746.8 | 718.4 | 681.2 | 639.7 | 594.2 | 544.7 | 495.6 | 445.4 | 396.2 |
| 16.25° | 827.6 | 813.4 | 793.8 | 770.5 | 738.5 | 699.5 | 653.7 | 603.5 | 549.2 | 495.6 | 441.5 |
| 15° | 859.2 | 846.0 | 829.6 | 810.1 | 783.5 | 750.2 | 708.8 | 658.4 | 603.5 | 544.7 | 487.5 |
| 13.75° | 886.2 | 873.6 | 858.4 | 840.4 | 818.1 | 790.0 | 754.1 | 708.8 | 653.7 | 594.2 | 531.8 |
| 12.5° | 908.8 | 897.1 | 883.0 | 866.0 | 845.3 | 820.8 | 790.0 | 750.2 | 699.5 | 639.7 | 575.8 |
| 11.25° | 927.1 | 916.6 | 903.7 | 887.8 | 868.3 | 845.3 | 818.1 | 783.5 | 738.5 | 681.2 | 616.8 |
| 10° | 942.4 | 932.3 | 920.6 | 905.9 | 887.8 | 866.0 | 840.4 | 810.1 | 770.5 | 718.4 | 653.8 |
| 8.75° | 957.4 | 946.4 | 934.1 | 920.6 | 903.7 | 883.0 | 858.4 | 829.6 | 793.8 | 746.8 | 686.2 |
| 7.5° | 970.5 | 959.3 | 946.4 | 932.3 | 916.6 | 897.1 | 873.6 | 846.0 | 813.4 | 771.3 | 714.5 |
| 6.25° | 983.2 | 970.5 | 957.4 | 942.4 | 927.1 | 908.8 | 886.2 | 859.2 | 827.6 | 788.1 | 736.0 |
| 5° | 994.0 | 980.9 | 966.1 | 951.5 | 934.8 | 917.4 | 895.7 | 869.8 | 839.5 | 802.2 | 752.7 |
| 3.75° | 1001.9 | 989.1 | 973.8 | 958.2 | 941.2 | 924.3 | 903.1 | 877.6 | 847.7 | 812.5 | 765.8 |
| 2.5° | 1007.7 | 995.1 | 979.6 | 963.0 | 946.2 | 928.6 | 908.5 | 883.3 | 853.7 | 818.8 | 774.4 |
| 1.25° | 1011.3 | 998.4 | 983.1 | 966.0 | 949.2 | 931.1 | 911.3 | 886.8 | 857.3 | 822.7 | 779.0 |
| 0° | 1012.5 | 999.5 | 984.3 | 967.0 | 950.3 | 932.0 | 912.3 | 888.0 | 858.5 | 824.0 | 780.5 |
| -1.25° | 1011.3 | 998.4 | 983.1 | 966.0 | 949.2 | 931.1 | 911.3 | 886.8 | 857.3 | 822.7 | 779.0 |
| -2.5° | 1007.7 | 995.1 | 979.6 | 963.0 | 946.2 | 928.6 | 908.5 | 883.3 | 853.7 | 818.8 | 774.4 |
| -3.75° | 1001.9 | 989.1 | 973.8 | 958.2 | 941.2 | 924.3 | 903.1 | 877.6 | 847.7 | 812.5 | 765.8 |
| -5° | 994.0 | 980.9 | 966.1 | 951.5 | 934.8 | 917.4 | 895.7 | 869.8 | 839.5 | 802.2 | 752.7 |
| -6.25° | 983.2 | 970.5 | 957.4 | 942.4 | 927.1 | 908.8 | 886.2 | 859.2 | 827.6 | 788.1 | 736.0 |
| -7.5° | 970.5 | 959.3 | 946.4 | 932.3 | 916.6 | 897.1 | 873.6 | 846.0 | 813.4 | 771.3 | 714.5 |
| -8.75° | 957.4 | 946.4 | 934.1 | 920.6 | 903.7 | 883.0 | 858.4 | 829.6 | 793.8 | 746.8 | 686.2 |
| -10° | 942.4 | 932.3 | 920.6 | 905.9 | 887.8 | 866.0 | 840.4 | 810.1 | 770.5 | 718.4 | 653.8 |
| -11.25° | 927.1 | 916.6 | 903.7 | 887.8 | 868.3 | 845.3 | 818.1 | 783.5 | 738.5 | 681.2 | 616.8 |
| -12.5° | 908.8 | 897.1 | 883.0 | 866.0 | 845.3 | 820.8 | 790.0 | 750.2 | 699.5 | 639.7 | 575.8 |
| -13.75° | 886.2 | 873.6 | 858.4 | 840.4 | 818.1 | 790.0 | 754.1 | 708.8 | 653.7 | 594.2 | 531.8 |
| -15° | 859.2 | 846.0 | 829.6 | 810.1 | 783.5 | 750.2 | 708.8 | 658.4 | 603.5 | 544.7 | 487.5 |
| -16.25° | 827.6 | 813.4 | 793.8 | 770.5 | 738.5 | 699.5 | 653.7 | 603.5 | 549.2 | 495.6 | 441.5 |
| -17.5° | 788.1 | 771.3 | 746.8 | 718.4 | 681.2 | 639.7 | 594.2 | 544.7 | 495.6 | 445.4 | 396.2 |
| -18.75° | 736.0 | 714.5 | 686.2 | 653.8 | 616.8 | 575.8 | 531.8 | 487.5 | 441.5 | 396.2 | 352.8 |
| -20° | 669.0 | 645.0 | 617.0 | 584.8 | 548.7 | 511.1 | 471.5 | 430.0 | 389.4 | 349.8 | 311.7 |
| -21.25° | 595.0 | 571.5 | 544.2 | 514.8 | 482.7 | 448.1 | 411.8 | 376.1 | 341.0 | 306.7 | 273.7 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 519.5 | 498.7 | 474.5 | 447.5 | 417.7 | 388.2 | 357.3 | 326.5 | 296.8 | 265.8 | 231.2 |
| -23.75° | 447.8 | 428.4 | 407.2 | 384.2 | 359.3 | 333.9 | 307.8 | 282.0 | 252.6 | 220.5 | 185.9 |
| -25° | 380.8 | 364.5 | 347.1 | 327.3 | 306.8 | 285.7 | 261.4 | 234.4 | 204.6 | 175.4 | 151.2 |
| -26.25° | 321.2 | 308.5 | 294.0 | 277.5 | 257.6 | 235.4 | 210.6 | 183.6 | 162.3 | 140.2 | 117.0 |
| -27.5° | 269.2 | 256.3 | 241.3 | 223.9 | 203.8 | 181.8 | 164.4 | 145.7 | 125.7 | 104.6 | 88.5 |
| -28.75° | 212.5 | 199.7 | 184.7 | 171.6 | 157.8 | 142.5 | 125.8 | 107.9 | 91.8 | 81.5 | 70.7 |
| -30° | 161.7 | 152.8 | 142.5 | 130.7 | 117.4 | 102.8 | 90.9 | 82.2 | 72.9 | 63.0 | 52.6 |
| -31.25° | 119.1 | 110.7 | 100.8 | 92.3 | 85.9 | 78.8 | 71.1 | 62.8 | 53.8 | 49.0 | 46.1 |
| -32.5° | 85.7 | 81.6 | 76.8 | 71.4 | 65.3 | 58.5 | 51.1 | 48.7 | 46.1 | 43.5 | 40.6 |
| -33.75° | 64.1 | 60.2 | 55.7 | 50.8 | 49.1 | 47.2 | 45.1 | 42.8 | 40.4 | 38.0 | 37.6 |
| -35° | 48.5 | 47.4 | 46.1 | 44.6 | 43.0 | 41.1 | 39.1 | 37.8 | 37.5 | 37.1 | 36.7 |
| -36.25° | 42.1 | 41.1 | 39.8 | 38.4 | 37.8 | 37.5 | 37.3 | 36.9 | 36.6 | 36.2 | 35.9 |
| -37.5° | 37.6 | 37.5 | 37.3 | 37.1 | 36.9 | 36.6 | 36.3 | 36.0 | 35.8 | 35.7 | 35.5 |
| -38.75° | 36.7 | 36.5 | 36.3 | 36.1 | 36.0 | 35.8 | 35.7 | 35.6 | 35.4 | 35.2 | 35.0 |
| -40° | 35.8 | 35.8 | 35.7 | 35.6 | 35.5 | 35.4 | 35.2 | 35.1 | 34.9 | 34.8 | 34.6 |
| -41.25° | 35.3 | 35.3 | 35.2 | 35.1 | 35.0 | 34.9 | 34.8 | 34.6 | 34.5 | 34.3 | 34.2 |
| -42.5° | 34.9 | 34.8 | 34.7 | 34.6 | 34.5 | 34.4 | 34.3 | 34.2 | 34.0 | 33.7 | 33.4 |
| -43.75° | 34.4 | 34.3 | 34.2 | 34.1 | 34.0 | 33.9 | 33.6 | 33.4 | 33.1 | 32.8 | 32.5 |
| -45° | 33.7 | 33.6 | 33.5 | 33.3 | 33.1 | 32.9 | 32.7 | 32.5 | 32.2 | 32.0 | 31.8 |
| -46.25° | 32.7 | 32.6 | 32.5 | 32.3 | 32.2 | 32.0 | 31.9 | 31.8 | 31.6 | 31.5 | 31.4 |
| -47.5° | 31.9 | 31.8 | 31.8 | 31.7 | 31.6 | 31.5 | 31.4 | 31.3 | 31.2 | 31.0 | 30.9 |
| -48.75° | 31.4 | 31.3 | 31.3 | 31.2 | 31.1 | 31.0 | 30.9 | 30.8 | 30.7 | 30.6 | 30.5 |
| -50° | 30.9 | 30.8 | 30.8 | 30.7 | 30.6 | 30.5 | 30.5 | 30.4 | 30.2 | 30.1 | 30.0 |
| -51.25° | 30.4 | 30.3 | 30.3 | 30.2 | 30.1 | 30.1 | 30.0 | 29.9 | 29.8 | 29.7 | 29.5 |
| -52.5° | 29.9 | 29.8 | 29.8 | 29.7 | 29.7 | 29.6 | 29.5 | 29.4 | 29.3 | 29.2 | 29.1 |
| -53.75° | 29.4 | 29.4 | 29.3 | 29.2 | 29.2 | 29.1 | 29.0 | 28.9 | 28.8 | 28.7 | 28.6 |
| -55° | 28.9 | 28.9 | 28.8 | 28.8 | 28.7 | 28.6 | 28.5 | 28.5 | 28.4 | 28.3 | 28.2 |
| -56.25° | 28.4 | 28.4 | 28.3 | 28.3 | 28.2 | 28.1 | 28.1 | 28.0 | 27.9 | 27.8 | 27.7 |
| -57.5° | 27.9 | 27.9 | 27.8 | 27.8 | 27.7 | 27.7 | 27.6 | 27.5 | 27.4 | 27.3 | 27.2 |
| -58.75° | 27.4 | 27.4 | 27.3 | 27.3 | 27.2 | 27.2 | 27.1 | 27.0 | 26.9 | 26.7 | 26.5 |
| -60° | 26.8 | 26.8 | 26.7 | 26.6 | 26.5 | 26.4 | 26.2 | 26.1 | 25.9 | 25.8 | 25.6 |
| -61.25° | 25.9 | 25.8 | 25.7 | 25.6 | 25.5 | 25.4 | 25.3 | 25.1 | 25.0 | 24.8 | 24.7 |
| -62.5° | 24.9 | 24.8 | 24.7 | 24.6 | 24.5 | 24.4 | 24.3 | 24.2 | 24.1 | 23.9 | 23.7 |
| -63.75° | 23.9 | 23.8 | 23.7 | 23.7 | 23.6 | 23.5 | 23.4 | 23.2 | 23.1 | 22.9 | 22.7 |
| -65° | 22.8 | 22.7 | 22.6 | 22.5 | 22.4 | 22.2 | 22.1 | 21.9 | 21.7 | 21.5 | 21.3 |
| -66.25° | 21.3 | 21.2 | 21.1 | 21.0 | 20.9 | 20.8 | 20.6 | 20.5 | 20.3 | 20.1 | 19.9 |
| -67.5° | 19.8 | 19.8 | 19.7 | 19.6 | 19.5 | 19.3 | 19.2 | 19.0 | 18.9 | 18.7 | 18.5 |
| -68.75° | 18.3 | 18.3 | 18.2 | 18.1 | 18.0 | 17.9 | 17.7 | 17.6 | 17.4 | 17.3 | 17.1 |
| -70° | 16.9 | 16.8 | 16.7 | 16.6 | 16.5 | 16.4 | 16.3 | 16.1 | 16.0 | 15.8 | 15.7 |
| -71.25° | 15.4 | 15.3 | 15.2 | 15.1 | 15.1 | 14.9 | 14.8 | 14.7 | 14.6 | 14.4 | 14.3 |
| -72.5° | 14.0 | 13.9 | 13.9 | 13.9 | 13.9 | 13.8 | 13.8 | 13.8 | 13.7 | 13.7 | 13.6 |
| -73.75° | 13.5 | 13.4 | 13.4 | 13.4 | 13.4 | 13.3 | 13.3 | 13.3 | 13.2 | 13.2 | 13.1 |
| -75° | 12.9 | 12.9 | 12.9 | 12.8 | 12.8 | 12.7 | 12.6 | 12.6 | 12.5 | 12.4 | 12.3 |
| -76.25° | 11.9 | 11.9 | 11.9 | 11.8 | 11.8 | 11.7 | 11.7 | 11.6 | 11.6 | 11.5 | 11.4 |
| -77.5° | 11.0 | 11.0 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.8 | 10.8 | 10.8 | 10.7 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 10.5 | 10.5 | 10.4 | 10.4 | 10.4 | 10.4 | 10.4 | 10.3 | 10.3 | 10.3 | 10.3 |
| -80° | 9.9 | 9.9 | 9.9 | 9.8 | 9.8 | 9.7 | 9.7 | 9.6 | 9.5 | 9.4 | 9.4 |
| -81.25° | 8.4 | 8.4 | 8.4 | 8.3 | 8.3 | 8.2 | 8.2 | 8.1 | 8.1 | 8.0 | 7.9 |
| -82.5° | 7.0 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 |
| -83.75° | 6.0 | 6.0 | 5.9 | 5.9 | 5.9 | 5.9 | 5.9 | 5.8 | 5.8 | 5.8 | 5.7 |
| -85° | 5.0 | 4.9 | 4.9 | 4.9 | 4.9 | 4.9 | 4.8 | 4.8 | 4.8 | 4.7 | 4.7 |
| -86.25° | 3.5 | 3.5 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.3 | 3.3 | 3.3 | 3.3 |
| -87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| -88.75° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 0.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 |
| 87.5° | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 |
| 86.25° | 3.2 | 3.2 | 3.2 | 3.1 | 3.1 | 3.0 | 3.0 | 2.9 | 2.9 | 2.8 | 2.8 |
| 85° | 4.6 | 4.6 | 4.5 | 4.5 | 4.4 | 4.4 | 4.3 | 4.3 | 4.2 | 4.1 | 4.1 |
| 83.75° | 5.7 | 5.7 | 5.6 | 5.6 | 5.5 | 5.5 | 5.4 | 5.4 | 5.3 | 5.3 | 5.2 |
| 82.5° | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 6.1 |
| 81.25° | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 7.0 | 6.9 |
| 80° | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.6 | 8.5 | 8.4 | 8.2 | 8.1 |
| 78.75° | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 10.0 | 9.8 | 9.7 | 9.5 | 9.4 |
| 77.5° | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.5 | 10.4 | 10.4 | 10.3 | 10.3 | 10.2 |
| 76.25° | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.7 | 10.6 |
| 75° | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.7 | 11.6 | 11.5 | 11.4 | 11.2 | 11.1 |
| 73.75° | 13.1 | 13.0 | 13.0 | 12.9 | 12.8 | 12.6 | 12.5 | 12.4 | 12.2 | 12.1 | 11.9 |
| 72.5° | 13.6 | 13.5 | 13.5 | 13.4 | 13.3 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.8 |
| 71.25° | 14.1 | 14.0 | 13.9 | 13.8 | 13.8 | 13.7 | 13.6 | 13.5 | 13.5 | 13.4 | 13.3 |
| 70° | 15.5 | 15.3 | 15.1 | 14.9 | 14.7 | 14.4 | 14.2 | 14.0 | 13.9 | 13.8 | 13.7 |
| 68.75° | 16.9 | 16.7 | 16.5 | 16.2 | 16.0 | 15.8 | 15.5 | 15.2 | 15.0 | 14.7 | 14.4 |
| 67.5° | 18.3 | 18.1 | 17.8 | 17.6 | 17.4 | 17.1 | 16.8 | 16.5 | 16.2 | 15.9 | 15.6 |
| 66.25° | 19.7 | 19.5 | 19.2 | 19.0 | 18.7 | 18.4 | 18.1 | 17.8 | 17.5 | 17.2 | 16.8 |
| 65° | 21.1 | 20.8 | 20.6 | 20.3 | 20.0 | 19.7 | 19.4 | 19.1 | 18.8 | 18.4 | 18.1 |
| 63.75° | 22.5 | 22.2 | 21.9 | 21.7 | 21.4 | 21.0 | 20.7 | 20.4 | 20.0 | 19.7 | 19.3 |
| 62.5° | 23.6 | 23.4 | 23.2 | 23.0 | 22.7 | 22.4 | 22.0 | 21.7 | 21.3 | 20.9 | 20.5 |
| 61.25° | 24.5 | 24.3 | 24.1 | 23.9 | 23.7 | 23.4 | 23.2 | 22.9 | 22.5 | 22.1 | 21.7 |
| 60° | 25.4 | 25.2 | 25.0 | 24.8 | 24.6 | 24.3 | 24.1 | 23.8 | 23.5 | 23.2 | 22.9 |
| 58.75° | 26.3 | 26.1 | 25.9 | 25.7 | 25.4 | 25.2 | 24.9 | 24.6 | 24.4 | 24.1 | 23.8 |
| 57.5° | 27.1 | 27.0 | 26.8 | 26.6 | 26.3 | 26.0 | 25.8 | 25.5 | 25.2 | 24.9 | 24.6 |
| 56.25° | 27.6 | 27.5 | 27.4 | 27.2 | 27.1 | 26.9 | 26.6 | 26.3 | 26.0 | 25.7 | 25.4 |
| 55° | 28.0 | 27.9 | 27.8 | 27.7 | 27.5 | 27.4 | 27.2 | 27.1 | 26.8 | 26.5 | 26.1 |
| 53.75° | 28.5 | 28.4 | 28.2 | 28.1 | 28.0 | 27.8 | 27.7 | 27.5 | 27.3 | 27.1 | 26.9 |
| 52.5° | 29.0 | 28.8 | 28.7 | 28.5 | 28.4 | 28.2 | 28.1 | 27.9 | 27.7 | 27.5 | 27.4 |
| 51.25° | 29.4 | 29.3 | 29.1 | 29.0 | 28.8 | 28.7 | 28.5 | 28.3 | 28.1 | 27.9 | 27.7 |
| 50° | 29.9 | 29.7 | 29.6 | 29.4 | 29.3 | 29.1 | 28.9 | 28.7 | 28.5 | 28.3 | 28.1 |
| 48.75° | 30.3 | 30.2 | 30.0 | 29.8 | 29.7 | 29.5 | 29.3 | 29.1 | 28.9 | 28.7 | 28.5 |
| 47.5° | 30.8 | 30.6 | 30.4 | 30.3 | 30.1 | 29.9 | 29.7 | 29.5 | 29.3 | 29.1 | 28.9 |
| 46.25° | 31.2 | 31.1 | 30.9 | 30.7 | 30.5 | 30.3 | 30.1 | 29.9 | 29.7 | 29.5 | 29.3 |
| 45° | 31.7 | 31.5 | 31.3 | 31.1 | 30.9 | 30.7 | 30.5 | 30.3 | 30.1 | 29.9 | 29.6 |
| 43.75° | 32.2 | 31.9 | 31.7 | 31.6 | 31.4 | 31.2 | 30.9 | 30.7 | 30.5 | 30.3 | 30.0 |
| 42.5° | 33.1 | 32.7 | 32.3 | 32.0 | 31.8 | 31.6 | 31.3 | 31.1 | 30.9 | 30.6 | 30.4 |
| 41.25° | 34.0 | 33.6 | 33.2 | 32.8 | 32.4 | 32.0 | 31.7 | 31.5 | 31.3 | 31.0 | 30.7 |
| 40° | 34.4 | 34.2 | 34.0 | 33.6 | 33.2 | 32.7 | 32.2 | 31.9 | 31.6 | 31.4 | 31.1 |
| 38.75° | 34.9 | 34.6 | 34.4 | 34.2 | 34.0 | 33.5 | 33.0 | 32.5 | 32.0 | 31.7 | 31.5 |
| 37.5° | 35.3 | 35.1 | 34.9 | 34.6 | 34.4 | 34.1 | 33.8 | 33.3 | 32.7 | 32.2 | 31.8 |
| 36.25° | 35.7 | 35.5 | 35.3 | 35.0 | 34.8 | 34.5 | 34.3 | 34.0 | 33.4 | 32.9 | 32.3 |
| 35° | 36.3 | 35.9 | 35.7 | 35.4 | 35.2 | 34.9 | 34.6 | 34.4 | 34.1 | 33.6 | 33.0 |

REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 37.1 | 36.6 | 36.2 | 35.8 | 35.6 | 35.3 | 35.0 | 34.7 | 34.4 | 34.1 | 33.6 |
| 32.5° | 37.9 | 37.5 | 36.9 | 36.4 | 35.9 | 35.7 | 35.4 | 35.1 | 34.8 | 34.5 | 34.1 |
| 31.25° | 42.9 | 39.7 | 37.7 | 37.2 | 36.6 | 36.1 | 35.7 | 35.4 | 35.1 | 34.8 | 34.5 |
| 30° | 48.2 | 44.9 | 41.3 | 37.9 | 37.4 | 36.8 | 36.2 | 35.8 | 35.4 | 35.1 | 34.8 |
| 28.75° | 59.3 | 49.9 | 46.3 | 42.5 | 38.6 | 37.5 | 36.8 | 36.2 | 35.8 | 35.4 | 35.1 |
| 27.5° | 76.7 | 64.4 | 51.6 | 47.3 | 43.2 | 39.1 | 37.5 | 36.8 | 36.2 | 35.7 | 35.4 |
| 26.25° | 93.9 | 81.1 | 67.8 | 54.1 | 47.7 | 43.5 | 39.1 | 37.5 | 36.8 | 36.1 | 35.7 |
| 25° | 126.0 | 99.8 | 83.7 | 69.5 | 55.0 | 47.7 | 43.2 | 38.6 | 37.4 | 36.6 | 35.9 |
| 23.75° | 158.7 | 131.5 | 103.4 | 84.6 | 69.5 | 54.1 | 47.3 | 42.5 | 37.9 | 37.2 | 36.4 |
| 22.5° | 193.8 | 162.4 | 133.3 | 103.4 | 83.7 | 67.8 | 51.6 | 46.3 | 41.3 | 37.7 | 36.9 |
| 21.25° | 236.4 | 196.4 | 162.4 | 131.5 | 99.8 | 81.1 | 64.4 | 49.9 | 44.9 | 39.7 | 37.5 |
| 20° | 276.4 | 236.4 | 193.8 | 158.7 | 126.0 | 93.9 | 76.7 | 59.3 | 48.2 | 42.9 | 37.9 |
| 18.75° | 311.7 | 273.7 | 231.2 | 185.9 | 151.2 | 117.0 | 88.5 | 70.7 | 52.6 | 46.1 | 40.6 |
| 17.5° | 349.8 | 306.7 | 265.8 | 220.5 | 175.4 | 140.2 | 104.6 | 81.5 | 63.0 | 49.0 | 43.5 |
| 16.25° | 389.4 | 341.0 | 296.8 | 252.6 | 204.6 | 162.3 | 125.7 | 91.8 | 72.9 | 53.8 | 46.1 |
| 15° | 430.0 | 376.1 | 326.5 | 282.0 | 234.4 | 183.6 | 145.7 | 107.9 | 82.2 | 62.8 | 48.7 |
| 13.75° | 471.5 | 411.8 | 357.3 | 307.8 | 261.4 | 210.6 | 164.4 | 125.8 | 90.9 | 71.1 | 51.1 |
| 12.5° | 511.1 | 448.1 | 388.2 | 333.9 | 285.7 | 235.4 | 181.8 | 142.5 | 102.8 | 78.8 | 58.5 |
| 11.25° | 548.7 | 482.7 | 417.7 | 359.3 | 306.8 | 257.6 | 203.8 | 157.8 | 117.4 | 85.9 | 65.3 |
| 10° | 584.8 | 514.8 | 447.5 | 384.2 | 327.3 | 277.5 | 223.9 | 171.6 | 130.7 | 92.3 | 71.4 |
| 8.75° | 617.0 | 544.2 | 474.5 | 407.2 | 347.1 | 294.0 | 241.3 | 184.7 | 142.5 | 100.8 | 76.8 |
| 7.5° | 645.0 | 571.5 | 498.7 | 428.4 | 364.5 | 308.5 | 256.3 | 199.7 | 152.8 | 110.7 | 81.6 |
| 6.25° | 669.0 | 595.0 | 519.5 | 447.8 | 380.8 | 321.2 | 269.2 | 212.5 | 161.7 | 119.1 | 85.7 |
| 5° | 688.2 | 614.2 | 536.8 | 463.8 | 394.4 | 332.9 | 279.5 | 223.0 | 168.9 | 126.1 | 89.0 |
| 3.75° | 703.3 | 629.1 | 551.2 | 476.4 | 405.1 | 342.1 | 287.1 | 231.3 | 174.6 | 131.5 | 91.6 |
| 2.5° | 714.2 | 639.8 | 561.6 | 485.6 | 412.8 | 348.7 | 292.6 | 236.9 | 178.7 | 135.4 | 93.5 |
| 1.25° | 720.8 | 646.3 | 567.9 | 491.1 | 417.5 | 352.7 | 295.9 | 240.4 | 181.2 | 137.7 | 94.6 |
| 0° | 723.0 | 648.5 | 570.0 | 493.0 | 419.0 | 354.0 | 297.0 | 241.5 | 182.0 | 138.5 | 95.0 |
| -1.25° | 720.8 | 646.3 | 567.9 | 491.1 | 417.5 | 352.7 | 295.9 | 240.4 | 181.2 | 137.7 | 94.6 |
| -2.5° | 714.2 | 639.8 | 561.6 | 485.6 | 412.8 | 348.7 | 292.6 | 236.9 | 178.7 | 135.4 | 93.5 |
| -3.75° | 703.3 | 629.1 | 551.2 | 476.4 | 405.1 | 342.1 | 287.1 | 231.3 | 174.6 | 131.5 | 91.6 |
| -5° | 688.2 | 614.2 | 536.8 | 463.8 | 394.4 | 332.9 | 279.5 | 223.0 | 168.9 | 126.1 | 89.0 |
| -6.25° | 669.0 | 595.0 | 519.5 | 447.8 | 380.8 | 321.2 | 269.2 | 212.5 | 161.7 | 119.1 | 85.7 |
| -7.5° | 645.0 | 571.5 | 498.7 | 428.4 | 364.5 | 308.5 | 256.3 | 199.7 | 152.8 | 110.7 | 81.6 |
| -8.75° | 617.0 | 544.2 | 474.5 | 407.2 | 347.1 | 294.0 | 241.3 | 184.7 | 142.5 | 100.8 | 76.8 |
| -10° | 584.8 | 514.8 | 447.5 | 384.2 | 327.3 | 277.5 | 223.9 | 171.6 | 130.7 | 92.3 | 71.4 |
| -11.25° | 548.7 | 482.7 | 417.7 | 359.3 | 306.8 | 257.6 | 203.8 | 157.8 | 117.4 | 85.9 | 65.3 |
| -12.5° | 511.1 | 448.1 | 388.2 | 333.9 | 285.7 | 235.4 | 181.8 | 142.5 | 102.8 | 78.8 | 58.5 |
| -13.75° | 471.5 | 411.8 | 357.3 | 307.8 | 261.4 | 210.6 | 164.4 | 125.8 | 90.9 | 71.1 | 51.1 |
| -15° | 430.0 | 376.1 | 326.5 | 282.0 | 234.4 | 183.6 | 145.7 | 107.9 | 82.2 | 62.8 | 48.7 |
| -16.25° | 389.4 | 341.0 | 296.8 | 252.6 | 204.6 | 162.3 | 125.7 | 91.8 | 72.9 | 53.8 | 46.1 |
| -17.5° | 349.8 | 306.7 | 265.8 | 220.5 | 175.4 | 140.2 | 104.6 | 81.5 | 63.0 | 49.0 | 43.5 |
| -18.75° | 311.7 | 273.7 | 231.2 | 185.9 | 151.2 | 117.0 | 88.5 | 70.7 | 52.6 | 46.1 | 40.6 |
| -20° | 276.4 | 236.4 | 193.8 | 158.7 | 126.0 | 93.9 | 76.7 | 59.3 | 48.2 | 42.9 | 37.9 |
| -21.25° | 236.4 | 196.4 | 162.4 | 131.5 | 99.8 | 81.1 | 64.4 | 49.9 | 44.9 | 39.7 | 37.5 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 193.8 | 162.4 | 133.3 | 103.4 | 83.7 | 67.8 | 51.6 | 46.3 | 41.3 | 37.7 | 36.9 |
| -23.75° | 158.7 | 131.5 | 103.4 | 84.6 | 69.5 | 54.1 | 47.3 | 42.5 | 37.9 | 37.2 | 36.4 |
| -25° | 126.0 | 99.8 | 83.7 | 69.5 | 55.0 | 47.7 | 43.2 | 38.6 | 37.4 | 36.6 | 35.9 |
| -26.25° | 93.9 | 81.1 | 67.8 | 54.1 | 47.7 | 43.5 | 39.1 | 37.5 | 36.8 | 36.1 | 35.7 |
| -27.5° | 76.7 | 64.4 | 51.6 | 47.3 | 43.2 | 39.1 | 37.5 | 36.8 | 36.2 | 35.7 | 35.4 |
| -28.75° | 59.3 | 49.9 | 46.3 | 42.5 | 38.6 | 37.5 | 36.8 | 36.2 | 35.8 | 35.4 | 35.1 |
| -30° | 48.2 | 44.9 | 41.3 | 37.9 | 37.4 | 36.8 | 36.2 | 35.8 | 35.4 | 35.1 | 34.8 |
| -31.25° | 42.9 | 39.7 | 37.7 | 37.2 | 36.6 | 36.1 | 35.7 | 35.4 | 35.1 | 34.8 | 34.5 |
| -32.5° | 37.9 | 37.5 | 36.9 | 36.4 | 35.9 | 35.7 | 35.4 | 35.1 | 34.8 | 34.5 | 34.1 |
| -33.75° | 37.1 | 36.6 | 36.2 | 35.8 | 35.6 | 35.3 | 35.0 | 34.7 | 34.4 | 34.1 | 33.6 |
| -35° | 36.3 | 35.9 | 35.7 | 35.4 | 35.2 | 34.9 | 34.6 | 34.4 | 34.1 | 33.6 | 33.0 |
| -36.25° | 35.7 | 35.5 | 35.3 | 35.0 | 34.8 | 34.5 | 34.3 | 34.0 | 33.4 | 32.9 | 32.3 |
| -37.5° | 35.3 | 35.1 | 34.9 | 34.6 | 34.4 | 34.1 | 33.8 | 33.3 | 32.7 | 32.2 | 31.8 |
| -38.75° | 34.9 | 34.6 | 34.4 | 34.2 | 34.0 | 33.5 | 33.0 | 32.5 | 32.0 | 31.7 | 31.5 |
| -40° | 34.4 | 34.2 | 34.0 | 33.6 | 33.2 | 32.7 | 32.2 | 31.9 | 31.6 | 31.4 | 31.1 |
| -41.25° | 34.0 | 33.6 | 33.2 | 32.8 | 32.4 | 32.0 | 31.7 | 31.5 | 31.3 | 31.0 | 30.7 |
| -42.5° | 33.1 | 32.7 | 32.3 | 32.0 | 31.8 | 31.6 | 31.3 | 31.1 | 30.9 | 30.6 | 30.4 |
| -43.75° | 32.2 | 31.9 | 31.7 | 31.6 | 31.4 | 31.2 | 30.9 | 30.7 | 30.5 | 30.3 | 30.0 |
| -45° | 31.7 | 31.5 | 31.3 | 31.1 | 30.9 | 30.7 | 30.5 | 30.3 | 30.1 | 29.9 | 29.6 |
| -46.25° | 31.2 | 31.1 | 30.9 | 30.7 | 30.5 | 30.3 | 30.1 | 29.9 | 29.7 | 29.5 | 29.3 |
| -47.5° | 30.8 | 30.6 | 30.4 | 30.3 | 30.1 | 29.9 | 29.7 | 29.5 | 29.3 | 29.1 | 28.9 |
| -48.75° | 30.3 | 30.2 | 30.0 | 29.8 | 29.7 | 29.5 | 29.3 | 29.1 | 28.9 | 28.7 | 28.5 |
| -50° | 29.9 | 29.7 | 29.6 | 29.4 | 29.3 | 29.1 | 28.9 | 28.7 | 28.5 | 28.3 | 28.1 |
| -51.25° | 29.4 | 29.3 | 29.1 | 29.0 | 28.8 | 28.7 | 28.5 | 28.3 | 28.1 | 27.9 | 27.7 |
| -52.5° | 29.0 | 28.8 | 28.7 | 28.5 | 28.4 | 28.2 | 28.1 | 27.9 | 27.7 | 27.5 | 27.4 |
| -53.75° | 28.5 | 28.4 | 28.2 | 28.1 | 28.0 | 27.8 | 27.7 | 27.5 | 27.3 | 27.1 | 26.9 |
| -55° | 28.0 | 27.9 | 27.8 | 27.7 | 27.5 | 27.4 | 27.2 | 27.1 | 26.8 | 26.5 | 26.1 |
| -56.25° | 27.6 | 27.5 | 27.4 | 27.2 | 27.1 | 26.9 | 26.6 | 26.3 | 26.0 | 25.7 | 25.4 |
| -57.5° | 27.1 | 27.0 | 26.8 | 26.6 | 26.3 | 26.0 | 25.8 | 25.5 | 25.2 | 24.9 | 24.6 |
| -58.75° | 26.3 | 26.1 | 25.9 | 25.7 | 25.4 | 25.2 | 24.9 | 24.6 | 24.4 | 24.1 | 23.8 |
| -60° | 25.4 | 25.2 | 25.0 | 24.8 | 24.6 | 24.3 | 24.1 | 23.8 | 23.5 | 23.2 | 22.9 |
| -61.25° | 24.5 | 24.3 | 24.1 | 23.9 | 23.7 | 23.4 | 23.2 | 22.9 | 22.5 | 22.1 | 21.7 |
| -62.5° | 23.6 | 23.4 | 23.2 | 23.0 | 22.7 | 22.4 | 22.0 | 21.7 | 21.3 | 20.9 | 20.5 |
| -63.75° | 22.5 | 22.2 | 21.9 | 21.7 | 21.4 | 21.0 | 20.7 | 20.4 | 20.0 | 19.7 | 19.3 |
| -65° | 21.1 | 20.8 | 20.6 | 20.3 | 20.0 | 19.7 | 19.4 | 19.1 | 18.8 | 18.4 | 18.1 |
| -66.25° | 19.7 | 19.5 | 19.2 | 19.0 | 18.7 | 18.4 | 18.1 | 17.8 | 17.5 | 17.2 | 16.8 |
| -67.5° | 18.3 | 18.1 | 17.8 | 17.6 | 17.4 | 17.1 | 16.8 | 16.5 | 16.2 | 15.9 | 15.6 |
| -68.75° | 16.9 | 16.7 | 16.5 | 16.2 | 16.0 | 15.8 | 15.5 | 15.2 | 15.0 | 14.7 | 14.4 |
| -70° | 15.5 | 15.3 | 15.1 | 14.9 | 14.7 | 14.4 | 14.2 | 14.0 | 13.9 | 13.8 | 13.7 |
| -71.25° | 14.1 | 14.0 | 13.9 | 13.8 | 13.8 | 13.7 | 13.6 | 13.5 | 13.5 | 13.4 | 13.3 |
| -72.5° | 13.6 | 13.5 | 13.5 | 13.4 | 13.3 | 13.3 | 13.2 | 13.1 | 13.0 | 12.9 | 12.8 |
| -73.75° | 13.1 | 13.0 | 13.0 | 12.9 | 12.8 | 12.6 | 12.5 | 12.4 | 12.2 | 12.1 | 11.9 |
| -75° | 12.3 | 12.2 | 12.1 | 12.0 | 11.9 | 11.7 | 11.6 | 11.5 | 11.4 | 11.2 | 11.1 |
| -76.25° | 11.3 | 11.2 | 11.1 | 11.1 | 11.0 | 10.9 | 10.9 | 10.8 | 10.8 | 10.7 | 10.6 |
| -77.5° | 10.7 | 10.7 | 10.6 | 10.6 | 10.5 | 10.5 | 10.4 | 10.4 | 10.3 | 10.3 | 10.2 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 10.2 | 10.2 | 10.2 | 10.1 | 10.1 | 10.0 | 10.0 | 9.8 | 9.7 | 9.5 | 9.4 |
| -80° | 9.3 | 9.2 | 9.1 | 9.0 | 8.9 | 8.8 | 8.6 | 8.5 | 8.4 | 8.2 | 8.1 |
| -81.25° | 7.9 | 7.8 | 7.7 | 7.6 | 7.5 | 7.4 | 7.3 | 7.2 | 7.1 | 7.0 | 6.9 |
| -82.5° | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 | 6.3 | 6.2 | 6.1 | 6.1 |
| -83.75° | 5.7 | 5.7 | 5.6 | 5.6 | 5.5 | 5.5 | 5.4 | 5.4 | 5.3 | 5.3 | 5.2 |
| -85° | 4.6 | 4.6 | 4.5 | 4.5 | 4.4 | 4.4 | 4.3 | 4.3 | 4.2 | 4.1 | 4.1 |
| -86.25° | 3.2 | 3.2 | 3.2 | 3.1 | 3.1 | 3.0 | 3.0 | 2.9 | 2.9 | 2.8 | 2.8 |
| -87.5° | 1.9 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.7 | 1.7 | 1.7 |
| -88.75° | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 0.9 | 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: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|--------|--------|------|--------|-------|--------|------|--------|-------|--------|------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 |
| 87.5° | 1.7 | 1.6 | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 |
| 86.25° | 2.7 | 2.7 | 2.6 | 2.6 | 2.5 | 2.4 | 2.4 | 2.3 | 2.2 | 2.2 | 2.1 |
| 85° | 4.0 | 3.9 | 3.8 | 3.8 | 3.7 | 3.6 | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 |
| 83.75° | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.7 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 |
| 82.5° | 6.0 | 5.9 | 5.8 | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 |
| 81.25° | 6.8 | 6.7 | 6.6 | 6.5 | 6.5 | 6.4 | 6.3 | 6.2 | 6.0 | 5.9 | 5.8 |
| 80° | 8.0 | 7.8 | 7.7 | 7.5 | 7.3 | 7.2 | 7.0 | 6.9 | 6.8 | 6.6 | 6.5 |
| 78.75° | 9.2 | 9.0 | 8.9 | 8.7 | 8.5 | 8.3 | 8.1 | 7.9 | 7.7 | 7.5 | 7.3 |
| 77.5° | 10.1 | 10.1 | 10.0 | 9.9 | 9.7 | 9.5 | 9.2 | 9.0 | 8.8 | 8.6 | 8.3 |
| 76.25° | 10.6 | 10.5 | 10.4 | 10.3 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.6 | 9.4 |
| 75° | 11.0 | 10.9 | 10.8 | 10.7 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 |
| 73.75° | 11.8 | 11.6 | 11.4 | 11.3 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 |
| 72.5° | 12.6 | 12.4 | 12.2 | 12.0 | 11.9 | 11.7 | 11.5 | 11.2 | 11.0 | 10.9 | 10.8 |
| 71.25° | 13.2 | 13.1 | 13.0 | 12.8 | 12.6 | 12.4 | 12.2 | 12.0 | 11.7 | 11.5 | 11.3 |
| 70° | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 12.9 | 12.7 | 12.4 | 12.2 | 11.9 |
| 68.75° | 14.0 | 13.9 | 13.8 | 13.7 | 13.6 | 13.4 | 13.3 | 13.2 | 13.1 | 12.9 | 12.6 |
| 67.5° | 15.3 | 14.9 | 14.6 | 14.2 | 13.9 | 13.8 | 13.7 | 13.6 | 13.4 | 13.3 | 13.1 |
| 66.25° | 16.5 | 16.1 | 15.7 | 15.4 | 15.0 | 14.6 | 14.2 | 13.9 | 13.8 | 13.6 | 13.5 |
| 65° | 17.7 | 17.3 | 16.9 | 16.5 | 16.1 | 15.7 | 15.2 | 14.8 | 14.3 | 14.0 | 13.8 |
| 63.75° | 18.9 | 18.5 | 18.1 | 17.7 | 17.2 | 16.8 | 16.3 | 15.8 | 15.4 | 14.9 | 14.4 |
| 62.5° | 20.1 | 19.7 | 19.2 | 18.8 | 18.3 | 17.9 | 17.4 | 16.9 | 16.4 | 15.9 | 15.3 |
| 61.25° | 21.3 | 20.8 | 20.4 | 19.9 | 19.4 | 18.9 | 18.4 | 17.9 | 17.4 | 16.9 | 16.3 |
| 60° | 22.5 | 22.0 | 21.5 | 21.0 | 20.5 | 20.0 | 19.5 | 19.0 | 18.4 | 17.8 | 17.3 |
| 58.75° | 23.4 | 23.1 | 22.7 | 22.2 | 21.6 | 21.1 | 20.5 | 20.0 | 19.4 | 18.8 | 18.2 |
| 57.5° | 24.2 | 23.9 | 23.5 | 23.2 | 22.7 | 22.2 | 21.6 | 21.0 | 20.4 | 19.8 | 19.2 |
| 56.25° | 25.0 | 24.7 | 24.3 | 23.9 | 23.5 | 23.2 | 22.6 | 22.0 | 21.4 | 20.8 | 20.1 |
| 55° | 25.8 | 25.4 | 25.0 | 24.7 | 24.3 | 23.9 | 23.4 | 23.0 | 22.4 | 21.7 | 21.0 |
| 53.75° | 26.6 | 26.2 | 25.8 | 25.4 | 25.0 | 24.5 | 24.1 | 23.7 | 23.2 | 22.7 | 22.0 |
| 52.5° | 27.2 | 26.9 | 26.5 | 26.1 | 25.7 | 25.2 | 24.8 | 24.3 | 23.9 | 23.4 | 22.9 |
| 51.25° | 27.5 | 27.3 | 27.1 | 26.8 | 26.4 | 25.9 | 25.5 | 25.0 | 24.5 | 24.0 | 23.5 |
| 50° | 27.9 | 27.7 | 27.5 | 27.3 | 27.0 | 26.6 | 26.1 | 25.6 | 25.1 | 24.6 | 24.1 |
| 48.75° | 28.3 | 28.1 | 27.8 | 27.6 | 27.4 | 27.1 | 26.8 | 26.3 | 25.8 | 25.2 | 24.7 |
| 47.5° | 28.7 | 28.4 | 28.2 | 28.0 | 27.7 | 27.5 | 27.2 | 26.9 | 26.4 | 25.8 | 25.3 |
| 46.25° | 29.0 | 28.8 | 28.6 | 28.3 | 28.1 | 27.8 | 27.5 | 27.3 | 27.0 | 26.4 | 25.9 |
| 45° | 29.4 | 29.2 | 28.9 | 28.6 | 28.4 | 28.1 | 27.8 | 27.6 | 27.3 | 27.0 | 26.4 |
| 43.75° | 29.8 | 29.5 | 29.3 | 29.0 | 28.7 | 28.4 | 28.2 | 27.9 | 27.6 | 27.3 | 27.0 |
| 42.5° | 30.1 | 29.9 | 29.6 | 29.3 | 29.0 | 28.8 | 28.5 | 28.2 | 27.9 | 27.6 | 27.3 |
| 41.25° | 30.5 | 30.2 | 29.9 | 29.6 | 29.4 | 29.1 | 28.8 | 28.5 | 28.2 | 27.8 | 27.5 |
| 40° | 30.8 | 30.5 | 30.3 | 30.0 | 29.7 | 29.4 | 29.1 | 28.8 | 28.4 | 28.1 | 27.8 |
| 38.75° | 31.2 | 30.9 | 30.6 | 30.3 | 30.0 | 29.7 | 29.4 | 29.0 | 28.7 | 28.4 | 28.1 |
| 37.5° | 31.5 | 31.2 | 30.9 | 30.6 | 30.3 | 30.0 | 29.6 | 29.3 | 29.0 | 28.6 | 28.3 |
| 36.25° | 31.8 | 31.5 | 31.2 | 30.9 | 30.6 | 30.3 | 29.9 | 29.6 | 29.3 | 28.9 | 28.6 |
| 35° | 32.3 | 31.9 | 31.5 | 31.2 | 30.9 | 30.5 | 30.2 | 29.9 | 29.5 | 29.2 | 28.8 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 33.0 | 32.3 | 31.8 | 31.5 | 31.2 | 30.8 | 30.5 | 30.1 | 29.8 | 29.4 | 29.0 |
| 32.5° | 33.6 | 33.0 | 32.3 | 31.8 | 31.5 | 31.1 | 30.7 | 30.4 | 30.0 | 29.6 | 29.3 |
| 31.25° | 34.1 | 33.6 | 32.9 | 32.2 | 31.7 | 31.4 | 31.0 | 30.6 | 30.3 | 29.9 | 29.5 |
| 30° | 34.4 | 34.1 | 33.4 | 32.7 | 32.0 | 31.6 | 31.3 | 30.9 | 30.5 | 30.1 | 29.7 |
| 28.75° | 34.7 | 34.4 | 34.0 | 33.3 | 32.5 | 31.9 | 31.5 | 31.1 | 30.7 | 30.3 | 29.9 |
| 27.5° | 35.0 | 34.6 | 34.3 | 33.8 | 33.0 | 32.2 | 31.7 | 31.3 | 30.9 | 30.5 | 30.1 |
| 26.25° | 35.3 | 34.9 | 34.5 | 34.1 | 33.5 | 32.7 | 32.0 | 31.6 | 31.2 | 30.7 | 30.3 |
| 25° | 35.6 | 35.2 | 34.8 | 34.4 | 34.0 | 33.2 | 32.4 | 31.8 | 31.4 | 30.9 | 30.5 |
| 23.75° | 35.8 | 35.4 | 35.0 | 34.6 | 34.2 | 33.6 | 32.8 | 32.0 | 31.6 | 31.1 | 30.7 |
| 22.5° | 36.2 | 35.7 | 35.3 | 34.9 | 34.4 | 34.0 | 33.2 | 32.3 | 31.7 | 31.3 | 30.9 |
| 21.25° | 36.6 | 35.9 | 35.5 | 35.1 | 34.6 | 34.2 | 33.6 | 32.7 | 31.9 | 31.5 | 31.1 |
| 20° | 37.1 | 36.3 | 35.7 | 35.3 | 34.9 | 34.4 | 34.0 | 33.1 | 32.2 | 31.7 | 31.2 |
| 18.75° | 37.6 | 36.7 | 35.9 | 35.5 | 35.0 | 34.6 | 34.2 | 33.4 | 32.5 | 31.8 | 31.4 |
| 17.5° | 38.0 | 37.1 | 36.2 | 35.7 | 35.2 | 34.8 | 34.3 | 33.7 | 32.8 | 32.0 | 31.5 |
| 16.25° | 40.4 | 37.5 | 36.6 | 35.8 | 35.4 | 34.9 | 34.5 | 34.0 | 33.1 | 32.2 | 31.6 |
| 15° | 42.8 | 37.8 | 36.9 | 36.0 | 35.6 | 35.1 | 34.6 | 34.2 | 33.4 | 32.5 | 31.8 |
| 13.75° | 45.1 | 39.1 | 37.3 | 36.3 | 35.7 | 35.2 | 34.8 | 34.3 | 33.6 | 32.7 | 31.9 |
| 12.5° | 47.2 | 41.1 | 37.5 | 36.6 | 35.8 | 35.4 | 34.9 | 34.4 | 33.9 | 32.9 | 32.0 |
| 11.25° | 49.1 | 43.0 | 37.8 | 36.9 | 36.0 | 35.5 | 35.0 | 34.5 | 34.0 | 33.1 | 32.2 |
| 10° | 50.8 | 44.6 | 38.4 | 37.1 | 36.1 | 35.6 | 35.1 | 34.6 | 34.1 | 33.3 | 32.3 |
| 8.75° | 55.7 | 46.1 | 39.8 | 37.3 | 36.3 | 35.7 | 35.2 | 34.7 | 34.2 | 33.5 | 32.5 |
| 7.5° | 60.2 | 47.4 | 41.1 | 37.5 | 36.5 | 35.8 | 35.3 | 34.8 | 34.3 | 33.6 | 32.6 |
| 6.25° | 64.1 | 48.5 | 42.1 | 37.6 | 36.7 | 35.8 | 35.3 | 34.9 | 34.4 | 33.7 | 32.7 |
| 5° | 67.3 | 49.4 | 43.0 | 37.8 | 36.8 | 35.9 | 35.4 | 34.9 | 34.4 | 33.8 | 32.8 |
| 3.75° | 69.8 | 50.1 | 43.6 | 37.9 | 36.9 | 35.9 | 35.4 | 34.9 | 34.4 | 33.9 | 32.9 |
| 2.5° | 71.6 | 50.6 | 44.1 | 37.9 | 36.9 | 36.0 | 35.5 | 35.0 | 34.5 | 34.0 | 33.0 |
| 1.25° | 72.6 | 50.9 | 44.4 | 38.0 | 37.0 | 36.0 | 35.5 | 35.0 | 34.5 | 34.0 | 33.0 |
| 0° | 73.0 | 51.0 | 44.5 | 38.0 | 37.0 | 36.0 | 35.5 | 35.0 | 34.5 | 34.0 | 33.0 |
| -1.25° | 72.6 | 50.9 | 44.4 | 38.0 | 37.0 | 36.0 | 35.5 | 35.0 | 34.5 | 34.0 | 33.0 |
| -2.5° | 71.6 | 50.6 | 44.1 | 37.9 | 36.9 | 36.0 | 35.5 | 35.0 | 34.5 | 34.0 | 33.0 |
| -3.75° | 69.8 | 50.1 | 43.6 | 37.9 | 36.9 | 35.9 | 35.4 | 34.9 | 34.4 | 33.9 | 32.9 |
| -5° | 67.3 | 49.4 | 43.0 | 37.8 | 36.8 | 35.9 | 35.4 | 34.9 | 34.4 | 33.8 | 32.8 |
| -6.25° | 64.1 | 48.5 | 42.1 | 37.6 | 36.7 | 35.8 | 35.3 | 34.9 | 34.4 | 33.7 | 32.7 |
| -7.5° | 60.2 | 47.4 | 41.1 | 37.5 | 36.5 | 35.8 | 35.3 | 34.8 | 34.3 | 33.6 | 32.6 |
| -8.75° | 55.7 | 46.1 | 39.8 | 37.3 | 36.3 | 35.7 | 35.2 | 34.7 | 34.2 | 33.5 | 32.5 |
| -10° | 50.8 | 44.6 | 38.4 | 37.1 | 36.1 | 35.6 | 35.1 | 34.6 | 34.1 | 33.3 | 32.3 |
| -11.25° | 49.1 | 43.0 | 37.8 | 36.9 | 36.0 | 35.5 | 35.0 | 34.5 | 34.0 | 33.1 | 32.2 |
| -12.5° | 47.2 | 41.1 | 37.5 | 36.6 | 35.8 | 35.4 | 34.9 | 34.4 | 33.9 | 32.9 | 32.0 |
| -13.75° | 45.1 | 39.1 | 37.3 | 36.3 | 35.7 | 35.2 | 34.8 | 34.3 | 33.6 | 32.7 | 31.9 |
| -15° | 42.8 | 37.8 | 36.9 | 36.0 | 35.6 | 35.1 | 34.6 | 34.2 | 33.4 | 32.5 | 31.8 |
| -16.25° | 40.4 | 37.5 | 36.6 | 35.8 | 35.4 | 34.9 | 34.5 | 34.0 | 33.1 | 32.2 | 31.6 |
| -17.5° | 38.0 | 37.1 | 36.2 | 35.7 | 35.2 | 34.8 | 34.3 | 33.7 | 32.8 | 32.0 | 31.5 |
| -18.75° | 37.6 | 36.7 | 35.9 | 35.5 | 35.0 | 34.6 | 34.2 | 33.4 | 32.5 | 31.8 | 31.4 |
| -20° | 37.1 | 36.3 | 35.7 | 35.3 | 34.9 | 34.4 | 34.0 | 33.1 | 32.2 | 31.7 | 31.2 |
| -21.25° | 36.6 | 35.9 | 35.5 | 35.1 | 34.6 | 34.2 | 33.6 | 32.7 | 31.9 | 31.5 | 31.1 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 36.2 | 35.7 | 35.3 | 34.9 | 34.4 | 34.0 | 33.2 | 32.3 | 31.7 | 31.3 | 30.9 |
| -23.75° | 35.8 | 35.4 | 35.0 | 34.6 | 34.2 | 33.6 | 32.8 | 32.0 | 31.6 | 31.1 | 30.7 |
| -25° | 35.6 | 35.2 | 34.8 | 34.4 | 34.0 | 33.2 | 32.4 | 31.8 | 31.4 | 30.9 | 30.5 |
| -26.25° | 35.3 | 34.9 | 34.5 | 34.1 | 33.5 | 32.7 | 32.0 | 31.6 | 31.2 | 30.7 | 30.3 |
| -27.5° | 35.0 | 34.6 | 34.3 | 33.8 | 33.0 | 32.2 | 31.7 | 31.3 | 30.9 | 30.5 | 30.1 |
| -28.75° | 34.7 | 34.4 | 34.0 | 33.3 | 32.5 | 31.9 | 31.5 | 31.1 | 30.7 | 30.3 | 29.9 |
| -30° | 34.4 | 34.1 | 33.4 | 32.7 | 32.0 | 31.6 | 31.3 | 30.9 | 30.5 | 30.1 | 29.7 |
| -31.25° | 34.1 | 33.6 | 32.9 | 32.2 | 31.7 | 31.4 | 31.0 | 30.6 | 30.3 | 29.9 | 29.5 |
| -32.5° | 33.6 | 33.0 | 32.3 | 31.8 | 31.5 | 31.1 | 30.7 | 30.4 | 30.0 | 29.6 | 29.3 |
| -33.75° | 33.0 | 32.3 | 31.8 | 31.5 | 31.2 | 30.8 | 30.5 | 30.1 | 29.8 | 29.4 | 29.0 |
| -35° | 32.3 | 31.9 | 31.5 | 31.2 | 30.9 | 30.5 | 30.2 | 29.9 | 29.5 | 29.2 | 28.8 |
| -36.25° | 31.8 | 31.5 | 31.2 | 30.9 | 30.6 | 30.3 | 29.9 | 29.6 | 29.3 | 28.9 | 28.6 |
| -37.5° | 31.5 | 31.2 | 30.9 | 30.6 | 30.3 | 30.0 | 29.6 | 29.3 | 29.0 | 28.6 | 28.3 |
| -38.75° | 31.2 | 30.9 | 30.6 | 30.3 | 30.0 | 29.7 | 29.4 | 29.0 | 28.7 | 28.4 | 28.1 |
| -40° | 30.8 | 30.5 | 30.3 | 30.0 | 29.7 | 29.4 | 29.1 | 28.8 | 28.4 | 28.1 | 27.8 |
| -41.25° | 30.5 | 30.2 | 29.9 | 29.6 | 29.4 | 29.1 | 28.8 | 28.5 | 28.2 | 27.8 | 27.5 |
| -42.5° | 30.1 | 29.9 | 29.6 | 29.3 | 29.0 | 28.8 | 28.5 | 28.2 | 27.9 | 27.6 | 27.3 |
| -43.75° | 29.8 | 29.5 | 29.3 | 29.0 | 28.7 | 28.4 | 28.2 | 27.9 | 27.6 | 27.3 | 27.0 |
| -45° | 29.4 | 29.2 | 28.9 | 28.6 | 28.4 | 28.1 | 27.8 | 27.6 | 27.3 | 27.0 | 26.4 |
| -46.25° | 29.0 | 28.8 | 28.6 | 28.3 | 28.1 | 27.8 | 27.5 | 27.3 | 27.0 | 26.4 | 25.9 |
| -47.5° | 28.7 | 28.4 | 28.2 | 28.0 | 27.7 | 27.5 | 27.2 | 26.9 | 26.4 | 25.8 | 25.3 |
| -48.75° | 28.3 | 28.1 | 27.8 | 27.6 | 27.4 | 27.1 | 26.8 | 26.3 | 25.8 | 25.2 | 24.7 |
| -50° | 27.9 | 27.7 | 27.5 | 27.3 | 27.0 | 26.6 | 26.1 | 25.6 | 25.1 | 24.6 | 24.1 |
| -51.25° | 27.5 | 27.3 | 27.1 | 26.8 | 26.4 | 25.9 | 25.5 | 25.0 | 24.5 | 24.0 | 23.5 |
| -52.5° | 27.2 | 26.9 | 26.5 | 26.1 | 25.7 | 25.2 | 24.8 | 24.3 | 23.9 | 23.4 | 22.9 |
| -53.75° | 26.6 | 26.2 | 25.8 | 25.4 | 25.0 | 24.5 | 24.1 | 23.7 | 23.2 | 22.7 | 22.0 |
| -55° | 25.8 | 25.4 | 25.0 | 24.7 | 24.3 | 23.9 | 23.4 | 23.0 | 22.4 | 21.7 | 21.0 |
| -56.25° | 25.0 | 24.7 | 24.3 | 23.9 | 23.5 | 23.2 | 22.6 | 22.0 | 21.4 | 20.8 | 20.1 |
| -57.5° | 24.2 | 23.9 | 23.5 | 23.2 | 22.7 | 22.2 | 21.6 | 21.0 | 20.4 | 19.8 | 19.2 |
| -58.75° | 23.4 | 23.1 | 22.7 | 22.2 | 21.6 | 21.1 | 20.5 | 20.0 | 19.4 | 18.8 | 18.2 |
| -60° | 22.5 | 22.0 | 21.5 | 21.0 | 20.5 | 20.0 | 19.5 | 19.0 | 18.4 | 17.8 | 17.3 |
| -61.25° | 21.3 | 20.8 | 20.4 | 19.9 | 19.4 | 18.9 | 18.4 | 17.9 | 17.4 | 16.9 | 16.3 |
| -62.5° | 20.1 | 19.7 | 19.2 | 18.8 | 18.3 | 17.9 | 17.4 | 16.9 | 16.4 | 15.9 | 15.3 |
| -63.75° | 18.9 | 18.5 | 18.1 | 17.7 | 17.2 | 16.8 | 16.3 | 15.8 | 15.4 | 14.9 | 14.4 |
| -65° | 17.7 | 17.3 | 16.9 | 16.5 | 16.1 | 15.7 | 15.2 | 14.8 | 14.3 | 14.0 | 13.8 |
| -66.25° | 16.5 | 16.1 | 15.7 | 15.4 | 15.0 | 14.6 | 14.2 | 13.9 | 13.8 | 13.6 | 13.5 |
| -67.5° | 15.3 | 14.9 | 14.6 | 14.2 | 13.9 | 13.8 | 13.7 | 13.6 | 13.4 | 13.3 | 13.1 |
| -68.75° | 14.0 | 13.9 | 13.8 | 13.7 | 13.6 | 13.4 | 13.3 | 13.2 | 13.1 | 12.9 | 12.6 |
| -70° | 13.6 | 13.5 | 13.4 | 13.3 | 13.2 | 13.1 | 12.9 | 12.7 | 12.4 | 12.2 | 11.9 |
| -71.25° | 13.2 | 13.1 | 13.0 | 12.8 | 12.6 | 12.4 | 12.2 | 12.0 | 11.7 | 11.5 | 11.3 |
| -72.5° | 12.6 | 12.4 | 12.2 | 12.0 | 11.9 | 11.7 | 11.5 | 11.2 | 11.0 | 10.9 | 10.8 |
| -73.75° | 11.8 | 11.6 | 11.4 | 11.3 | 11.1 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 |
| -75° | 11.0 | 10.9 | 10.8 | 10.7 | 10.7 | 10.6 | 10.5 | 10.4 | 10.3 | 10.2 | 10.1 |
| -76.25° | 10.6 | 10.5 | 10.4 | 10.3 | 10.3 | 10.2 | 10.1 | 10.0 | 9.9 | 9.6 | 9.4 |
| -77.5° | 10.1 | 10.1 | 10.0 | 9.9 | 9.7 | 9.5 | 9.2 | 9.0 | 8.8 | 8.6 | 8.3 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 9.2 | 9.0 | 8.9 | 8.7 | 8.5 | 8.3 | 8.1 | 7.9 | 7.7 | 7.5 | 7.3 |
| -80° | 8.0 | 7.8 | 7.7 | 7.5 | 7.3 | 7.2 | 7.0 | 6.9 | 6.8 | 6.6 | 6.5 |
| -81.25° | 6.8 | 6.7 | 6.6 | 6.5 | 6.5 | 6.4 | 6.3 | 6.2 | 6.0 | 5.9 | 5.8 |
| -82.5° | 6.0 | 5.9 | 5.8 | 5.8 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 |
| -83.75° | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.7 | 4.6 | 4.5 | 4.4 | 4.3 | 4.2 |
| -85° | 4.0 | 3.9 | 3.8 | 3.8 | 3.7 | 3.6 | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 |
| -86.25° | 2.7 | 2.7 | 2.6 | 2.6 | 2.5 | 2.4 | 2.4 | 2.3 | 2.2 | 2.2 | 2.1 |
| -87.5° | 1.7 | 1.6 | 1.6 | 1.6 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 | 1.4 |
| -88.75° | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.5 | 0.5 |
| 87.5° | 1.4 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 |
| 86.25° | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 | 1.5 |
| 85° | 3.1 | 3.0 | 2.9 | 2.8 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 |
| 83.75° | 4.1 | 3.9 | 3.8 | 3.7 | 3.6 | 3.4 | 3.3 | 3.2 | 3.0 | 2.9 | 2.7 |
| 82.5° | 5.0 | 4.9 | 4.8 | 4.6 | 4.5 | 4.3 | 4.2 | 4.0 | 3.8 | 3.7 | 3.5 |
| 81.25° | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.1 | 5.0 | 4.8 | 4.6 | 4.4 | 4.2 |
| 80° | 6.4 | 6.3 | 6.1 | 6.0 | 5.9 | 5.7 | 5.6 | 5.4 | 5.3 | 5.1 | 5.0 |
| 78.75° | 7.1 | 6.9 | 6.8 | 6.6 | 6.5 | 6.3 | 6.1 | 6.0 | 5.8 | 5.6 | 5.5 |
| 77.5° | 8.1 | 7.8 | 7.6 | 7.3 | 7.1 | 6.9 | 6.7 | 6.5 | 6.3 | 6.2 | 6.0 |
| 76.25° | 9.1 | 8.8 | 8.5 | 8.3 | 8.0 | 7.7 | 7.4 | 7.1 | 6.9 | 6.7 | 6.5 |
| 75° | 10.0 | 9.8 | 9.5 | 9.2 | 8.9 | 8.6 | 8.2 | 7.9 | 7.6 | 7.3 | 6.9 |
| 73.75° | 10.4 | 10.3 | 10.1 | 10.0 | 9.8 | 9.4 | 9.1 | 8.7 | 8.4 | 8.0 | 7.7 |
| 72.5° | 10.7 | 10.6 | 10.5 | 10.3 | 10.2 | 10.1 | 9.9 | 9.5 | 9.2 | 8.8 | 8.4 |
| 71.25° | 11.0 | 10.9 | 10.8 | 10.6 | 10.5 | 10.4 | 10.2 | 10.1 | 9.9 | 9.5 | 9.1 |
| 70° | 11.7 | 11.4 | 11.2 | 10.9 | 10.8 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 9.8 |
| 68.75° | 12.3 | 12.1 | 11.8 | 11.5 | 11.2 | 11.0 | 10.8 | 10.6 | 10.5 | 10.3 | 10.2 |
| 67.5° | 13.0 | 12.7 | 12.4 | 12.1 | 11.8 | 11.5 | 11.1 | 10.9 | 10.7 | 10.6 | 10.4 |
| 66.25° | 13.3 | 13.2 | 13.0 | 12.7 | 12.4 | 12.0 | 11.7 | 11.3 | 11.0 | 10.8 | 10.6 |
| 65° | 13.6 | 13.5 | 13.3 | 13.1 | 12.9 | 12.6 | 12.2 | 11.9 | 11.5 | 11.1 | 10.9 |
| 63.75° | 14.0 | 13.8 | 13.6 | 13.4 | 13.2 | 13.1 | 12.8 | 12.4 | 12.0 | 11.6 | 11.2 |
| 62.5° | 14.8 | 14.3 | 13.9 | 13.7 | 13.5 | 13.3 | 13.1 | 12.9 | 12.5 | 12.1 | 11.7 |
| 61.25° | 15.8 | 15.2 | 14.6 | 14.0 | 13.8 | 13.6 | 13.4 | 13.2 | 13.0 | 12.6 | 12.1 |
| 60° | 16.7 | 16.1 | 15.5 | 14.9 | 14.3 | 13.9 | 13.7 | 13.5 | 13.2 | 13.0 | 12.6 |
| 58.75° | 17.6 | 17.0 | 16.4 | 15.7 | 15.1 | 14.4 | 13.9 | 13.7 | 13.5 | 13.2 | 13.0 |
| 57.5° | 18.5 | 17.9 | 17.2 | 16.6 | 15.9 | 15.2 | 14.5 | 13.9 | 13.7 | 13.5 | 13.2 |
| 56.25° | 19.5 | 18.8 | 18.1 | 17.4 | 16.7 | 16.0 | 15.3 | 14.6 | 13.9 | 13.7 | 13.5 |
| 55° | 20.4 | 19.7 | 19.0 | 18.2 | 17.5 | 16.8 | 16.0 | 15.3 | 14.5 | 13.9 | 13.7 |
| 53.75° | 21.3 | 20.5 | 19.8 | 19.1 | 18.3 | 17.6 | 16.8 | 16.0 | 15.2 | 14.4 | 13.9 |
| 52.5° | 22.1 | 21.4 | 20.6 | 19.9 | 19.1 | 18.3 | 17.5 | 16.7 | 15.9 | 15.1 | 14.3 |
| 51.25° | 23.0 | 22.2 | 21.5 | 20.7 | 19.9 | 19.1 | 18.2 | 17.4 | 16.6 | 15.7 | 14.9 |
| 50° | 23.6 | 23.1 | 22.3 | 21.5 | 20.6 | 19.8 | 19.0 | 18.1 | 17.2 | 16.4 | 15.5 |
| 48.75° | 24.2 | 23.6 | 23.1 | 22.2 | 21.4 | 20.5 | 19.7 | 18.8 | 17.9 | 17.0 | 16.1 |
| 47.5° | 24.7 | 24.2 | 23.6 | 23.0 | 22.1 | 21.3 | 20.4 | 19.5 | 18.5 | 17.6 | 16.7 |
| 46.25° | 25.3 | 24.7 | 24.1 | 23.5 | 22.9 | 22.0 | 21.0 | 20.1 | 19.2 | 18.2 | 17.3 |
| 45° | 25.8 | 25.2 | 24.6 | 24.0 | 23.4 | 22.7 | 21.7 | 20.8 | 19.8 | 18.8 | 17.8 |
| 43.75° | 26.4 | 25.8 | 25.1 | 24.5 | 23.9 | 23.2 | 22.4 | 21.4 | 20.4 | 19.4 | 18.4 |
| 42.5° | 26.9 | 26.3 | 25.6 | 25.0 | 24.3 | 23.7 | 23.0 | 22.0 | 21.0 | 20.0 | 19.0 |
| 41.25° | 27.2 | 26.8 | 26.1 | 25.5 | 24.8 | 24.1 | 23.4 | 22.6 | 21.6 | 20.5 | 19.5 |
| 40° | 27.5 | 27.1 | 26.6 | 25.9 | 25.2 | 24.5 | 23.9 | 23.2 | 22.2 | 21.1 | 20.0 |
| 38.75° | 27.7 | 27.4 | 27.0 | 26.4 | 25.7 | 25.0 | 24.3 | 23.5 | 22.7 | 21.6 | 20.5 |
| 37.5° | 28.0 | 27.6 | 27.3 | 26.8 | 26.1 | 25.4 | 24.7 | 23.9 | 23.2 | 22.2 | 21.0 |
| 36.25° | 28.2 | 27.8 | 27.5 | 27.1 | 26.5 | 25.8 | 25.0 | 24.3 | 23.5 | 22.7 | 21.5 |
| 35° | 28.4 | 28.1 | 27.7 | 27.3 | 26.9 | 26.2 | 25.4 | 24.7 | 23.9 | 23.1 | 22.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|
| 33.75° | 28.7 | 28.3 | 27.9 | 27.5 | 27.2 | 26.6 | 25.8 | 25.0 | 24.2 | 23.4 | 22.5 |
| 32.5° | 28.9 | 28.5 | 28.1 | 27.7 | 27.4 | 26.9 | 26.1 | 25.4 | 24.6 | 23.8 | 22.9 |
| 31.25° | 29.1 | 28.7 | 28.3 | 27.9 | 27.5 | 27.1 | 26.5 | 25.7 | 24.9 | 24.1 | 23.2 |
| 30° | 29.3 | 28.9 | 28.5 | 28.1 | 27.7 | 27.3 | 26.8 | 26.0 | 25.2 | 24.4 | 23.5 |
| 28.75° | 29.5 | 29.1 | 28.7 | 28.3 | 27.9 | 27.5 | 27.1 | 26.3 | 25.5 | 24.6 | 23.8 |
| 27.5° | 29.7 | 29.3 | 28.9 | 28.5 | 28.1 | 27.7 | 27.2 | 26.6 | 25.8 | 24.9 | 24.1 |
| 26.25° | 29.9 | 29.5 | 29.1 | 28.7 | 28.2 | 27.8 | 27.4 | 26.9 | 26.0 | 25.2 | 24.3 |
| 25° | 30.1 | 29.7 | 29.3 | 28.8 | 28.4 | 28.0 | 27.5 | 27.1 | 26.3 | 25.4 | 24.6 |
| 23.75° | 30.3 | 29.8 | 29.4 | 29.0 | 28.5 | 28.1 | 27.7 | 27.2 | 26.6 | 25.7 | 24.8 |
| 22.5° | 30.4 | 30.0 | 29.6 | 29.1 | 28.7 | 28.2 | 27.8 | 27.4 | 26.8 | 25.9 | 25.0 |
| 21.25° | 30.6 | 30.2 | 29.7 | 29.3 | 28.8 | 28.4 | 27.9 | 27.5 | 27.0 | 26.1 | 25.2 |
| 20° | 30.8 | 30.3 | 29.9 | 29.4 | 29.0 | 28.5 | 28.0 | 27.6 | 27.1 | 26.3 | 25.4 |
| 18.75° | 30.9 | 30.5 | 30.0 | 29.5 | 29.1 | 28.6 | 28.2 | 27.7 | 27.2 | 26.5 | 25.6 |
| 17.5° | 31.0 | 30.6 | 30.1 | 29.7 | 29.2 | 28.7 | 28.3 | 27.8 | 27.3 | 26.7 | 25.8 |
| 16.25° | 31.2 | 30.7 | 30.2 | 29.8 | 29.3 | 28.8 | 28.4 | 27.9 | 27.4 | 26.9 | 25.9 |
| 15° | 31.3 | 30.8 | 30.4 | 29.9 | 29.4 | 28.9 | 28.5 | 28.0 | 27.5 | 27.0 | 26.1 |
| 13.75° | 31.4 | 30.9 | 30.5 | 30.0 | 29.5 | 29.0 | 28.5 | 28.1 | 27.6 | 27.1 | 26.2 |
| 12.5° | 31.5 | 31.0 | 30.5 | 30.1 | 29.6 | 29.1 | 28.6 | 28.1 | 27.7 | 27.2 | 26.4 |
| 11.25° | 31.6 | 31.1 | 30.6 | 30.1 | 29.7 | 29.2 | 28.7 | 28.2 | 27.7 | 27.2 | 26.5 |
| 10° | 31.7 | 31.2 | 30.7 | 30.2 | 29.7 | 29.2 | 28.8 | 28.3 | 27.8 | 27.3 | 26.6 |
| 8.75° | 31.8 | 31.3 | 30.8 | 30.3 | 29.8 | 29.3 | 28.8 | 28.3 | 27.8 | 27.3 | 26.7 |
| 7.5° | 31.8 | 31.3 | 30.8 | 30.3 | 29.8 | 29.4 | 28.9 | 28.4 | 27.9 | 27.4 | 26.8 |
| 6.25° | 31.9 | 31.4 | 30.9 | 30.4 | 29.9 | 29.4 | 28.9 | 28.4 | 27.9 | 27.4 | 26.8 |
| 5° | 31.9 | 31.4 | 30.9 | 30.4 | 29.9 | 29.4 | 28.9 | 28.4 | 27.9 | 27.4 | 26.9 |
| 3.75° | 32.0 | 31.5 | 31.0 | 30.5 | 30.0 | 29.5 | 29.0 | 28.5 | 28.0 | 27.5 | 26.9 |
| 2.5° | 32.0 | 31.5 | 31.0 | 30.5 | 30.0 | 29.5 | 29.0 | 28.5 | 28.0 | 27.5 | 27.0 |
| 1.25° | 32.0 | 31.5 | 31.0 | 30.5 | 30.0 | 29.5 | 29.0 | 28.5 | 28.0 | 27.5 | 27.0 |
| 0° | 32.0 | 31.5 | 31.0 | 30.5 | 30.0 | 29.5 | 29.0 | 28.5 | 28.0 | 27.5 | 27.0 |
| -1.25° | 32.0 | 31.5 | 31.0 | 30.5 | 30.0 | 29.5 | 29.0 | 28.5 | 28.0 | 27.5 | 27.0 |
| -2.5° | 32.0 | 31.5 | 31.0 | 30.5 | 30.0 | 29.5 | 29.0 | 28.5 | 28.0 | 27.5 | 27.0 |
| -3.75° | 32.0 | 31.5 | 31.0 | 30.5 | 30.0 | 29.5 | 29.0 | 28.5 | 28.0 | 27.5 | 26.9 |
| -5° | 31.9 | 31.4 | 30.9 | 30.4 | 29.9 | 29.4 | 28.9 | 28.4 | 27.9 | 27.4 | 26.9 |
| -6.25° | 31.9 | 31.4 | 30.9 | 30.4 | 29.9 | 29.4 | 28.9 | 28.4 | 27.9 | 27.4 | 26.8 |
| -7.5° | 31.8 | 31.3 | 30.8 | 30.3 | 29.8 | 29.4 | 28.9 | 28.4 | 27.9 | 27.4 | 26.8 |
| -8.75° | 31.8 | 31.3 | 30.8 | 30.3 | 29.8 | 29.3 | 28.8 | 28.3 | 27.8 | 27.3 | 26.7 |
| -10° | 31.7 | 31.2 | 30.7 | 30.2 | 29.7 | 29.2 | 28.8 | 28.3 | 27.8 | 27.3 | 26.6 |
| -11.25° | 31.6 | 31.1 | 30.6 | 30.1 | 29.7 | 29.2 | 28.7 | 28.2 | 27.7 | 27.2 | 26.5 |
| -12.5° | 31.5 | 31.0 | 30.5 | 30.1 | 29.6 | 29.1 | 28.6 | 28.1 | 27.7 | 27.2 | 26.4 |
| -13.75° | 31.4 | 30.9 | 30.5 | 30.0 | 29.5 | 29.0 | 28.5 | 28.1 | 27.6 | 27.1 | 26.2 |
| -15° | 31.3 | 30.8 | 30.4 | 29.9 | 29.4 | 28.9 | 28.5 | 28.0 | 27.5 | 27.0 | 26.1 |
| -16.25° | 31.2 | 30.7 | 30.2 | 29.8 | 29.3 | 28.8 | 28.4 | 27.9 | 27.4 | 26.9 | 25.9 |
| -17.5° | 31.0 | 30.6 | 30.1 | 29.7 | 29.2 | 28.7 | 28.3 | 27.8 | 27.3 | 26.7 | 25.8 |
| -18.75° | 30.9 | 30.5 | 30.0 | 29.5 | 29.1 | 28.6 | 28.2 | 27.7 | 27.2 | 26.5 | 25.6 |
| -20° | 30.8 | 30.3 | 29.9 | 29.4 | 29.0 | 28.5 | 28.0 | 27.6 | 27.1 | 26.3 | 25.4 |
| -21.25° | 30.6 | 30.2 | 29.7 | 29.3 | 28.8 | 28.4 | 27.9 | 27.5 | 27.0 | 26.1 | 25.2 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|------|
| -22.5° | 30.4 | 30.0 | 29.6 | 29.1 | 28.7 | 28.2 | 27.8 | 27.4 | 26.8 | 25.9 | 25.0 |
| -23.75° | 30.3 | 29.8 | 29.4 | 29.0 | 28.5 | 28.1 | 27.7 | 27.2 | 26.6 | 25.7 | 24.8 |
| -25° | 30.1 | 29.7 | 29.3 | 28.8 | 28.4 | 28.0 | 27.5 | 27.1 | 26.3 | 25.4 | 24.6 |
| -26.25° | 29.9 | 29.5 | 29.1 | 28.7 | 28.2 | 27.8 | 27.4 | 26.9 | 26.0 | 25.2 | 24.3 |
| -27.5° | 29.7 | 29.3 | 28.9 | 28.5 | 28.1 | 27.7 | 27.2 | 26.6 | 25.8 | 24.9 | 24.1 |
| -28.75° | 29.5 | 29.1 | 28.7 | 28.3 | 27.9 | 27.5 | 27.1 | 26.3 | 25.5 | 24.6 | 23.8 |
| -30° | 29.3 | 28.9 | 28.5 | 28.1 | 27.7 | 27.3 | 26.8 | 26.0 | 25.2 | 24.4 | 23.5 |
| -31.25° | 29.1 | 28.7 | 28.3 | 27.9 | 27.5 | 27.1 | 26.5 | 25.7 | 24.9 | 24.1 | 23.2 |
| -32.5° | 28.9 | 28.5 | 28.1 | 27.7 | 27.4 | 26.9 | 26.1 | 25.4 | 24.6 | 23.8 | 22.9 |
| -33.75° | 28.7 | 28.3 | 27.9 | 27.5 | 27.2 | 26.6 | 25.8 | 25.0 | 24.2 | 23.4 | 22.5 |
| -35° | 28.4 | 28.1 | 27.7 | 27.3 | 26.9 | 26.2 | 25.4 | 24.7 | 23.9 | 23.1 | 22.0 |
| -36.25° | 28.2 | 27.8 | 27.5 | 27.1 | 26.5 | 25.8 | 25.0 | 24.3 | 23.5 | 22.7 | 21.5 |
| -37.5° | 28.0 | 27.6 | 27.3 | 26.8 | 26.1 | 25.4 | 24.7 | 23.9 | 23.2 | 22.2 | 21.0 |
| -38.75° | 27.7 | 27.4 | 27.0 | 26.4 | 25.7 | 25.0 | 24.3 | 23.5 | 22.7 | 21.6 | 20.5 |
| -40° | 27.5 | 27.1 | 26.6 | 25.9 | 25.2 | 24.5 | 23.9 | 23.2 | 22.2 | 21.1 | 20.0 |
| -41.25° | 27.2 | 26.8 | 26.1 | 25.5 | 24.8 | 24.1 | 23.4 | 22.6 | 21.6 | 20.5 | 19.5 |
| -42.5° | 26.9 | 26.3 | 25.6 | 25.0 | 24.3 | 23.7 | 23.0 | 22.0 | 21.0 | 20.0 | 19.0 |
| -43.75° | 26.4 | 25.8 | 25.1 | 24.5 | 23.9 | 23.2 | 22.4 | 21.4 | 20.4 | 19.4 | 18.4 |
| -45° | 25.8 | 25.2 | 24.6 | 24.0 | 23.4 | 22.7 | 21.7 | 20.8 | 19.8 | 18.8 | 17.8 |
| -46.25° | 25.3 | 24.7 | 24.1 | 23.5 | 22.9 | 22.0 | 21.0 | 20.1 | 19.2 | 18.2 | 17.3 |
| -47.5° | 24.7 | 24.2 | 23.6 | 23.0 | 22.1 | 21.3 | 20.4 | 19.5 | 18.5 | 17.6 | 16.7 |
| -48.75° | 24.2 | 23.6 | 23.1 | 22.2 | 21.4 | 20.5 | 19.7 | 18.8 | 17.9 | 17.0 | 16.1 |
| -50° | 23.6 | 23.1 | 22.3 | 21.5 | 20.6 | 19.8 | 19.0 | 18.1 | 17.2 | 16.4 | 15.5 |
| -51.25° | 23.0 | 22.2 | 21.5 | 20.7 | 19.9 | 19.1 | 18.2 | 17.4 | 16.6 | 15.7 | 14.9 |
| -52.5° | 22.1 | 21.4 | 20.6 | 19.9 | 19.1 | 18.3 | 17.5 | 16.7 | 15.9 | 15.1 | 14.3 |
| -53.75° | 21.3 | 20.5 | 19.8 | 19.1 | 18.3 | 17.6 | 16.8 | 16.0 | 15.2 | 14.4 | 13.9 |
| -55° | 20.4 | 19.7 | 19.0 | 18.2 | 17.5 | 16.8 | 16.0 | 15.3 | 14.5 | 13.9 | 13.7 |
| -56.25° | 19.5 | 18.8 | 18.1 | 17.4 | 16.7 | 16.0 | 15.3 | 14.6 | 13.9 | 13.7 | 13.5 |
| -57.5° | 18.5 | 17.9 | 17.2 | 16.6 | 15.9 | 15.2 | 14.5 | 13.9 | 13.7 | 13.5 | 13.2 |
| -58.75° | 17.6 | 17.0 | 16.4 | 15.7 | 15.1 | 14.4 | 13.9 | 13.7 | 13.5 | 13.2 | 13.0 |
| -60° | 16.7 | 16.1 | 15.5 | 14.9 | 14.3 | 13.9 | 13.7 | 13.5 | 13.2 | 13.0 | 12.6 |
| -61.25° | 15.8 | 15.2 | 14.6 | 14.0 | 13.8 | 13.6 | 13.4 | 13.2 | 13.0 | 12.6 | 12.1 |
| -62.5° | 14.8 | 14.3 | 13.9 | 13.7 | 13.5 | 13.3 | 13.1 | 12.9 | 12.5 | 12.1 | 11.7 |
| -63.75° | 14.0 | 13.8 | 13.6 | 13.4 | 13.2 | 13.1 | 12.8 | 12.4 | 12.0 | 11.6 | 11.2 |
| -65° | 13.6 | 13.5 | 13.3 | 13.1 | 12.9 | 12.6 | 12.2 | 11.9 | 11.5 | 11.1 | 10.9 |
| -66.25° | 13.3 | 13.2 | 13.0 | 12.7 | 12.4 | 12.0 | 11.7 | 11.3 | 11.0 | 10.8 | 10.6 |
| -67.5° | 13.0 | 12.7 | 12.4 | 12.1 | 11.8 | 11.5 | 11.1 | 10.9 | 10.7 | 10.6 | 10.4 |
| -68.75° | 12.3 | 12.1 | 11.8 | 11.5 | 11.2 | 11.0 | 10.8 | 10.6 | 10.5 | 10.3 | 10.2 |
| -70° | 11.7 | 11.4 | 11.2 | 10.9 | 10.8 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 9.8 |
| -71.25° | 11.0 | 10.9 | 10.8 | 10.6 | 10.5 | 10.4 | 10.2 | 10.1 | 9.9 | 9.5 | 9.1 |
| -72.5° | 10.7 | 10.6 | 10.5 | 10.3 | 10.2 | 10.1 | 9.9 | 9.5 | 9.2 | 8.8 | 8.4 |
| -73.75° | 10.4 | 10.3 | 10.1 | 10.0 | 9.8 | 9.4 | 9.1 | 8.7 | 8.4 | 8.0 | 7.7 |
| -75° | 10.0 | 9.8 | 9.5 | 9.2 | 8.9 | 8.6 | 8.2 | 7.9 | 7.6 | 7.3 | 6.9 |
| -76.25° | 9.1 | 8.8 | 8.5 | 8.3 | 8.0 | 7.7 | 7.4 | 7.1 | 6.9 | 6.7 | 6.5 |
| -77.5° | 8.1 | 7.8 | 7.6 | 7.3 | 7.1 | 6.9 | 6.7 | 6.5 | 6.3 | 6.2 | 6.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 7.1 | 6.9 | 6.8 | 6.6 | 6.5 | 6.3 | 6.1 | 6.0 | 5.8 | 5.6 | 5.5 |
| -80° | 6.4 | 6.3 | 6.1 | 6.0 | 5.9 | 5.7 | 5.6 | 5.4 | 5.3 | 5.1 | 5.0 |
| -81.25° | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.1 | 5.0 | 4.8 | 4.6 | 4.4 | 4.2 |
| -82.5° | 5.0 | 4.9 | 4.8 | 4.6 | 4.5 | 4.3 | 4.2 | 4.0 | 3.8 | 3.7 | 3.5 |
| -83.75° | 4.1 | 3.9 | 3.8 | 3.7 | 3.6 | 3.4 | 3.3 | 3.2 | 3.0 | 2.9 | 2.7 |
| -85° | 3.1 | 3.0 | 2.9 | 2.8 | 2.6 | 2.5 | 2.4 | 2.3 | 2.2 | 2.1 | 2.0 |
| -86.25° | 2.0 | 2.0 | 1.9 | 1.9 | 1.8 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 | 1.5 |
| -87.5° | 1.4 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 | 1.1 | 1.1 | 1.0 | 1.0 |
| -88.75° | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 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: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|--------|--------|-------|--------|------|--------|-------|--------|------|--------|-------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 |
| 87.5° | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 |
| 86.25° | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.8 |
| 85° | 1.9 | 1.8 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.4 | 1.3 | 1.2 | 1.1 |
| 83.75° | 2.6 | 2.5 | 2.3 | 2.2 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 |
| 82.5° | 3.3 | 3.1 | 3.0 | 2.8 | 2.6 | 2.4 | 2.3 | 2.1 | 1.9 | 1.8 | 1.7 |
| 81.25° | 4.0 | 3.8 | 3.6 | 3.4 | 3.2 | 3.0 | 2.8 | 2.6 | 2.4 | 2.1 | 2.0 |
| 80° | 4.7 | 4.5 | 4.3 | 4.1 | 3.8 | 3.6 | 3.3 | 3.1 | 2.8 | 2.6 | 2.3 |
| 78.75° | 5.3 | 5.1 | 4.9 | 4.7 | 4.4 | 4.1 | 3.9 | 3.6 | 3.3 | 3.0 | 2.8 |
| 77.5° | 5.8 | 5.6 | 5.4 | 5.2 | 5.0 | 4.7 | 4.4 | 4.1 | 3.8 | 3.5 | 3.2 |
| 76.25° | 6.3 | 6.0 | 5.8 | 5.6 | 5.4 | 5.2 | 4.9 | 4.6 | 4.3 | 3.9 | 3.6 |
| 75° | 6.7 | 6.5 | 6.3 | 6.0 | 5.8 | 5.5 | 5.3 | 5.1 | 4.7 | 4.4 | 4.0 |
| 73.75° | 7.3 | 6.9 | 6.7 | 6.4 | 6.2 | 5.9 | 5.7 | 5.4 | 5.1 | 4.8 | 4.4 |
| 72.5° | 8.0 | 7.6 | 7.2 | 6.8 | 6.6 | 6.3 | 6.0 | 5.7 | 5.4 | 5.2 | 4.8 |
| 71.25° | 8.7 | 8.2 | 7.8 | 7.4 | 7.0 | 6.7 | 6.4 | 6.0 | 5.7 | 5.4 | 5.1 |
| 70° | 9.4 | 8.9 | 8.4 | 8.0 | 7.5 | 7.0 | 6.7 | 6.4 | 6.0 | 5.7 | 5.4 |
| 68.75° | 10.0 | 9.6 | 9.1 | 8.6 | 8.1 | 7.6 | 7.1 | 6.7 | 6.4 | 6.0 | 5.7 |
| 67.5° | 10.2 | 10.1 | 9.7 | 9.2 | 8.6 | 8.1 | 7.6 | 7.0 | 6.7 | 6.3 | 5.9 |
| 66.25° | 10.5 | 10.3 | 10.1 | 9.8 | 9.2 | 8.6 | 8.1 | 7.5 | 7.0 | 6.6 | 6.2 |
| 65° | 10.7 | 10.5 | 10.3 | 10.1 | 9.8 | 9.2 | 8.6 | 8.0 | 7.4 | 6.8 | 6.4 |
| 63.75° | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.7 | 9.1 | 8.4 | 7.8 | 7.2 | 6.7 |
| 62.5° | 11.3 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.6 | 8.9 | 8.2 | 7.6 | 6.9 |
| 61.25° | 11.7 | 11.3 | 10.9 | 10.7 | 10.5 | 10.2 | 10.0 | 9.4 | 8.7 | 8.0 | 7.3 |
| 60° | 12.1 | 11.7 | 11.2 | 10.9 | 10.6 | 10.4 | 10.2 | 9.8 | 9.1 | 8.4 | 7.7 |
| 58.75° | 12.6 | 12.1 | 11.6 | 11.1 | 10.8 | 10.6 | 10.3 | 10.1 | 9.5 | 8.8 | 8.0 |
| 57.5° | 13.0 | 12.5 | 12.0 | 11.5 | 11.0 | 10.7 | 10.5 | 10.2 | 9.9 | 9.2 | 8.4 |
| 56.25° | 13.2 | 12.9 | 12.4 | 11.9 | 11.3 | 10.9 | 10.6 | 10.4 | 10.1 | 9.5 | 8.7 |
| 55° | 13.4 | 13.1 | 12.8 | 12.2 | 11.7 | 11.1 | 10.8 | 10.5 | 10.2 | 9.9 | 9.1 |
| 53.75° | 13.6 | 13.3 | 13.1 | 12.6 | 12.0 | 11.5 | 11.0 | 10.7 | 10.4 | 10.1 | 9.4 |
| 52.5° | 13.8 | 13.5 | 13.2 | 12.9 | 12.4 | 11.8 | 11.2 | 10.8 | 10.5 | 10.2 | 9.8 |
| 51.25° | 14.0 | 13.7 | 13.4 | 13.1 | 12.7 | 12.1 | 11.5 | 10.9 | 10.6 | 10.3 | 10.0 |
| 50° | 14.6 | 13.9 | 13.6 | 13.3 | 13.0 | 12.4 | 11.8 | 11.2 | 10.8 | 10.5 | 10.1 |
| 48.75° | 15.2 | 14.3 | 13.8 | 13.5 | 13.2 | 12.7 | 12.1 | 11.4 | 10.9 | 10.6 | 10.3 |
| 47.5° | 15.8 | 14.8 | 14.0 | 13.6 | 13.3 | 13.0 | 12.3 | 11.7 | 11.0 | 10.7 | 10.4 |
| 46.25° | 16.3 | 15.3 | 14.4 | 13.8 | 13.5 | 13.1 | 12.6 | 11.9 | 11.3 | 10.8 | 10.5 |
| 45° | 16.9 | 15.9 | 14.9 | 14.0 | 13.6 | 13.3 | 12.9 | 12.2 | 11.5 | 10.9 | 10.6 |
| 43.75° | 17.4 | 16.4 | 15.4 | 14.3 | 13.8 | 13.4 | 13.1 | 12.4 | 11.7 | 11.0 | 10.7 |
| 42.5° | 17.9 | 16.9 | 15.8 | 14.8 | 13.9 | 13.6 | 13.2 | 12.7 | 12.0 | 11.2 | 10.8 |
| 41.25° | 18.4 | 17.4 | 16.3 | 15.2 | 14.2 | 13.7 | 13.3 | 12.9 | 12.2 | 11.5 | 10.9 |
| 40° | 18.9 | 17.9 | 16.8 | 15.7 | 14.6 | 13.8 | 13.4 | 13.1 | 12.4 | 11.7 | 11.0 |
| 38.75° | 19.4 | 18.3 | 17.2 | 16.1 | 15.0 | 13.9 | 13.6 | 13.2 | 12.6 | 11.9 | 11.1 |
| 37.5° | 19.9 | 18.8 | 17.7 | 16.5 | 15.4 | 14.2 | 13.7 | 13.3 | 12.8 | 12.0 | 11.3 |
| 36.25° | 20.4 | 19.2 | 18.1 | 16.9 | 15.7 | 14.6 | 13.8 | 13.4 | 13.0 | 12.2 | 11.4 |
| 35° | 20.8 | 19.7 | 18.5 | 17.3 | 16.1 | 14.9 | 13.9 | 13.5 | 13.1 | 12.4 | 11.6 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 21.3 | 20.1 | 18.9 | 17.7 | 16.5 | 15.3 | 14.0 | 13.6 | 13.2 | 12.6 | 11.8 |
| 32.5° | 21.7 | 20.5 | 19.3 | 18.1 | 16.8 | 15.6 | 14.4 | 13.7 | 13.3 | 12.8 | 11.9 |
| 31.25° | 22.1 | 20.9 | 19.7 | 18.4 | 17.2 | 15.9 | 14.7 | 13.8 | 13.4 | 12.9 | 12.1 |
| 30° | 22.5 | 21.3 | 20.0 | 18.8 | 17.5 | 16.2 | 15.0 | 13.9 | 13.5 | 13.0 | 12.2 |
| 28.75° | 22.9 | 21.7 | 20.4 | 19.1 | 17.8 | 16.5 | 15.2 | 14.0 | 13.5 | 13.1 | 12.4 |
| 27.5° | 23.2 | 22.0 | 20.7 | 19.4 | 18.1 | 16.8 | 15.5 | 14.2 | 13.6 | 13.2 | 12.5 |
| 26.25° | 23.4 | 22.4 | 21.0 | 19.7 | 18.4 | 17.1 | 15.8 | 14.4 | 13.7 | 13.3 | 12.6 |
| 25° | 23.7 | 22.7 | 21.4 | 20.0 | 18.7 | 17.4 | 16.0 | 14.7 | 13.8 | 13.3 | 12.8 |
| 23.75° | 23.9 | 23.0 | 21.7 | 20.3 | 19.0 | 17.6 | 16.2 | 14.9 | 13.8 | 13.4 | 12.9 |
| 22.5° | 24.1 | 23.2 | 21.9 | 20.6 | 19.2 | 17.8 | 16.5 | 15.1 | 13.9 | 13.5 | 13.0 |
| 21.25° | 24.3 | 23.4 | 22.2 | 20.8 | 19.5 | 18.1 | 16.7 | 15.3 | 14.0 | 13.5 | 13.0 |
| 20° | 24.5 | 23.6 | 22.5 | 21.1 | 19.7 | 18.3 | 16.9 | 15.5 | 14.1 | 13.6 | 13.1 |
| 18.75° | 24.7 | 23.7 | 22.7 | 21.3 | 19.9 | 18.5 | 17.1 | 15.7 | 14.3 | 13.6 | 13.1 |
| 17.5° | 24.8 | 23.9 | 22.9 | 21.5 | 20.1 | 18.7 | 17.3 | 15.8 | 14.4 | 13.7 | 13.2 |
| 16.25° | 25.0 | 24.1 | 23.1 | 21.7 | 20.3 | 18.9 | 17.4 | 16.0 | 14.6 | 13.7 | 13.2 |
| 15° | 25.1 | 24.2 | 23.2 | 21.9 | 20.5 | 19.0 | 17.6 | 16.1 | 14.7 | 13.8 | 13.3 |
| 13.75° | 25.3 | 24.3 | 23.4 | 22.1 | 20.6 | 19.2 | 17.7 | 16.3 | 14.8 | 13.8 | 13.3 |
| 12.5° | 25.4 | 24.4 | 23.5 | 22.2 | 20.8 | 19.3 | 17.9 | 16.4 | 14.9 | 13.8 | 13.3 |
| 11.25° | 25.5 | 24.5 | 23.6 | 22.4 | 20.9 | 19.5 | 18.0 | 16.5 | 15.1 | 13.9 | 13.4 |
| 10° | 25.6 | 24.6 | 23.7 | 22.5 | 21.0 | 19.6 | 18.1 | 16.6 | 15.1 | 13.9 | 13.4 |
| 8.75° | 25.7 | 24.7 | 23.7 | 22.6 | 21.1 | 19.7 | 18.2 | 16.7 | 15.2 | 13.9 | 13.4 |
| 7.5° | 25.8 | 24.8 | 23.8 | 22.7 | 21.2 | 19.8 | 18.3 | 16.8 | 15.3 | 13.9 | 13.4 |
| 6.25° | 25.9 | 24.9 | 23.9 | 22.8 | 21.3 | 19.8 | 18.3 | 16.9 | 15.4 | 14.0 | 13.5 |
| 5° | 25.9 | 24.9 | 23.9 | 22.9 | 21.4 | 19.9 | 18.4 | 16.9 | 15.4 | 14.0 | 13.5 |
| 3.75° | 25.9 | 24.9 | 24.0 | 22.9 | 21.4 | 19.9 | 18.4 | 16.9 | 15.5 | 14.0 | 13.5 |
| 2.5° | 26.0 | 25.0 | 24.0 | 23.0 | 21.5 | 20.0 | 18.5 | 17.0 | 15.5 | 14.0 | 13.5 |
| 1.25° | 26.0 | 25.0 | 24.0 | 23.0 | 21.5 | 20.0 | 18.5 | 17.0 | 15.5 | 14.0 | 13.5 |
| 0° | 26.0 | 25.0 | 24.0 | 23.0 | 21.5 | 20.0 | 18.5 | 17.0 | 15.5 | 14.0 | 13.5 |
| -1.25° | 26.0 | 25.0 | 24.0 | 23.0 | 21.5 | 20.0 | 18.5 | 17.0 | 15.5 | 14.0 | 13.5 |
| -2.5° | 26.0 | 25.0 | 24.0 | 23.0 | 21.5 | 20.0 | 18.5 | 17.0 | 15.5 | 14.0 | 13.5 |
| -3.75° | 25.9 | 24.9 | 24.0 | 22.9 | 21.4 | 19.9 | 18.4 | 16.9 | 15.5 | 14.0 | 13.5 |
| -5° | 25.9 | 24.9 | 23.9 | 22.9 | 21.4 | 19.9 | 18.4 | 16.9 | 15.4 | 14.0 | 13.5 |
| -6.25° | 25.9 | 24.9 | 23.9 | 22.8 | 21.3 | 19.8 | 18.3 | 16.9 | 15.4 | 14.0 | 13.5 |
| -7.5° | 25.8 | 24.8 | 23.8 | 22.7 | 21.2 | 19.8 | 18.3 | 16.8 | 15.3 | 13.9 | 13.4 |
| -8.75° | 25.7 | 24.7 | 23.7 | 22.6 | 21.1 | 19.7 | 18.2 | 16.7 | 15.2 | 13.9 | 13.4 |
| -10° | 25.6 | 24.6 | 23.7 | 22.5 | 21.0 | 19.6 | 18.1 | 16.6 | 15.1 | 13.9 | 13.4 |
| -11.25° | 25.5 | 24.5 | 23.6 | 22.4 | 20.9 | 19.5 | 18.0 | 16.5 | 15.1 | 13.9 | 13.4 |
| -12.5° | 25.4 | 24.4 | 23.5 | 22.2 | 20.8 | 19.3 | 17.9 | 16.4 | 14.9 | 13.8 | 13.3 |
| -13.75° | 25.3 | 24.3 | 23.4 | 22.1 | 20.6 | 19.2 | 17.7 | 16.3 | 14.8 | 13.8 | 13.3 |
| -15° | 25.1 | 24.2 | 23.2 | 21.9 | 20.5 | 19.0 | 17.6 | 16.1 | 14.7 | 13.8 | 13.3 |
| -16.25° | 25.0 | 24.1 | 23.1 | 21.7 | 20.3 | 18.9 | 17.4 | 16.0 | 14.6 | 13.7 | 13.2 |
| -17.5° | 24.8 | 23.9 | 22.9 | 21.5 | 20.1 | 18.7 | 17.3 | 15.8 | 14.4 | 13.7 | 13.2 |
| -18.75° | 24.7 | 23.7 | 22.7 | 21.3 | 19.9 | 18.5 | 17.1 | 15.7 | 14.3 | 13.6 | 13.1 |
| -20° | 24.5 | 23.6 | 22.5 | 21.1 | 19.7 | 18.3 | 16.9 | 15.5 | 14.1 | 13.6 | 13.1 |
| -21.25° | 24.3 | 23.4 | 22.2 | 20.8 | 19.5 | 18.1 | 16.7 | 15.3 | 14.0 | 13.5 | 13.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC2-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° | 24.1 | 23.2 | 21.9 | 20.6 | 19.2 | 17.8 | 16.5 | 15.1 | 13.9 | 13.5 | 13.0 |
| -23.75° | 23.9 | 23.0 | 21.7 | 20.3 | 19.0 | 17.6 | 16.2 | 14.9 | 13.8 | 13.4 | 12.9 |
| -25° | 23.7 | 22.7 | 21.4 | 20.0 | 18.7 | 17.4 | 16.0 | 14.7 | 13.8 | 13.3 | 12.8 |
| -26.25° | 23.4 | 22.4 | 21.0 | 19.7 | 18.4 | 17.1 | 15.8 | 14.4 | 13.7 | 13.3 | 12.6 |
| -27.5° | 23.2 | 22.0 | 20.7 | 19.4 | 18.1 | 16.8 | 15.5 | 14.2 | 13.6 | 13.2 | 12.5 |
| -28.75° | 22.9 | 21.7 | 20.4 | 19.1 | 17.8 | 16.5 | 15.2 | 14.0 | 13.5 | 13.1 | 12.4 |
| -30° | 22.5 | 21.3 | 20.0 | 18.8 | 17.5 | 16.2 | 15.0 | 13.9 | 13.5 | 13.0 | 12.2 |
| -31.25° | 22.1 | 20.9 | 19.7 | 18.4 | 17.2 | 15.9 | 14.7 | 13.8 | 13.4 | 12.9 | 12.1 |
| -32.5° | 21.7 | 20.5 | 19.3 | 18.1 | 16.8 | 15.6 | 14.4 | 13.7 | 13.3 | 12.8 | 11.9 |
| -33.75° | 21.3 | 20.1 | 18.9 | 17.7 | 16.5 | 15.3 | 14.0 | 13.6 | 13.2 | 12.6 | 11.8 |
| -35° | 20.8 | 19.7 | 18.5 | 17.3 | 16.1 | 14.9 | 13.9 | 13.5 | 13.1 | 12.4 | 11.6 |
| -36.25° | 20.4 | 19.2 | 18.1 | 16.9 | 15.7 | 14.6 | 13.8 | 13.4 | 13.0 | 12.2 | 11.4 |
| -37.5° | 19.9 | 18.8 | 17.7 | 16.5 | 15.4 | 14.2 | 13.7 | 13.3 | 12.8 | 12.0 | 11.3 |
| -38.75° | 19.4 | 18.3 | 17.2 | 16.1 | 15.0 | 13.9 | 13.6 | 13.2 | 12.6 | 11.9 | 11.1 |
| -40° | 18.9 | 17.9 | 16.8 | 15.7 | 14.6 | 13.8 | 13.4 | 13.1 | 12.4 | 11.7 | 11.0 |
| -41.25° | 18.4 | 17.4 | 16.3 | 15.2 | 14.2 | 13.7 | 13.3 | 12.9 | 12.2 | 11.5 | 10.9 |
| -42.5° | 17.9 | 16.9 | 15.8 | 14.8 | 13.9 | 13.6 | 13.2 | 12.7 | 12.0 | 11.2 | 10.8 |
| -43.75° | 17.4 | 16.4 | 15.4 | 14.3 | 13.8 | 13.4 | 13.1 | 12.4 | 11.7 | 11.0 | 10.7 |
| -45° | 16.9 | 15.9 | 14.9 | 14.0 | 13.6 | 13.3 | 12.9 | 12.2 | 11.5 | 10.9 | 10.6 |
| -46.25° | 16.3 | 15.3 | 14.4 | 13.8 | 13.5 | 13.1 | 12.6 | 11.9 | 11.3 | 10.8 | 10.5 |
| -47.5° | 15.8 | 14.8 | 14.0 | 13.6 | 13.3 | 13.0 | 12.3 | 11.7 | 11.0 | 10.7 | 10.4 |
| -48.75° | 15.2 | 14.3 | 13.8 | 13.5 | 13.2 | 12.7 | 12.1 | 11.4 | 10.9 | 10.6 | 10.3 |
| -50° | 14.6 | 13.9 | 13.6 | 13.3 | 13.0 | 12.4 | 11.8 | 11.2 | 10.8 | 10.5 | 10.1 |
| -51.25° | 14.0 | 13.7 | 13.4 | 13.1 | 12.7 | 12.1 | 11.5 | 10.9 | 10.6 | 10.3 | 10.0 |
| -52.5° | 13.8 | 13.5 | 13.2 | 12.9 | 12.4 | 11.8 | 11.2 | 10.8 | 10.5 | 10.2 | 9.8 |
| -53.75° | 13.6 | 13.3 | 13.1 | 12.6 | 12.0 | 11.5 | 11.0 | 10.7 | 10.4 | 10.1 | 9.4 |
| -55° | 13.4 | 13.1 | 12.8 | 12.2 | 11.7 | 11.1 | 10.8 | 10.5 | 10.2 | 9.9 | 9.1 |
| -56.25° | 13.2 | 12.9 | 12.4 | 11.9 | 11.3 | 10.9 | 10.6 | 10.4 | 10.1 | 9.5 | 8.7 |
| -57.5° | 13.0 | 12.5 | 12.0 | 11.5 | 11.0 | 10.7 | 10.5 | 10.2 | 9.9 | 9.2 | 8.4 |
| -58.75° | 12.6 | 12.1 | 11.6 | 11.1 | 10.8 | 10.6 | 10.3 | 10.1 | 9.5 | 8.8 | 8.0 |
| -60° | 12.1 | 11.7 | 11.2 | 10.9 | 10.6 | 10.4 | 10.2 | 9.8 | 9.1 | 8.4 | 7.7 |
| -61.25° | 11.7 | 11.3 | 10.9 | 10.7 | 10.5 | 10.2 | 10.0 | 9.4 | 8.7 | 8.0 | 7.3 |
| -62.5° | 11.3 | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.6 | 8.9 | 8.2 | 7.6 | 6.9 |
| -63.75° | 10.9 | 10.7 | 10.5 | 10.3 | 10.1 | 9.7 | 9.1 | 8.4 | 7.8 | 7.2 | 6.7 |
| -65° | 10.7 | 10.5 | 10.3 | 10.1 | 9.8 | 9.2 | 8.6 | 8.0 | 7.4 | 6.8 | 6.4 |
| -66.25° | 10.5 | 10.3 | 10.1 | 9.8 | 9.2 | 8.6 | 8.1 | 7.5 | 7.0 | 6.6 | 6.2 |
| -67.5° | 10.2 | 10.1 | 9.7 | 9.2 | 8.6 | 8.1 | 7.6 | 7.0 | 6.7 | 6.3 | 5.9 |
| -68.75° | 10.0 | 9.6 | 9.1 | 8.6 | 8.1 | 7.6 | 7.1 | 6.7 | 6.4 | 6.0 | 5.7 |
| -70° | 9.4 | 8.9 | 8.4 | 8.0 | 7.5 | 7.0 | 6.7 | 6.4 | 6.0 | 5.7 | 5.4 |
| -71.25° | 8.7 | 8.2 | 7.8 | 7.4 | 7.0 | 6.7 | 6.4 | 6.0 | 5.7 | 5.4 | 5.1 |
| -72.5° | 8.0 | 7.6 | 7.2 | 6.8 | 6.6 | 6.3 | 6.0 | 5.7 | 5.4 | 5.2 | 4.8 |
| -73.75° | 7.3 | 6.9 | 6.7 | 6.4 | 6.2 | 5.9 | 5.7 | 5.4 | 5.1 | 4.8 | 4.4 |
| -75° | 6.7 | 6.5 | 6.3 | 6.0 | 5.8 | 5.5 | 5.3 | 5.1 | 4.7 | 4.4 | 4.0 |
| -76.25° | 6.3 | 6.0 | 5.8 | 5.6 | 5.4 | 5.2 | 4.9 | 4.6 | 4.3 | 3.9 | 3.6 |
| -77.5° | 5.8 | 5.6 | 5.4 | 5.2 | 5.0 | 4.7 | 4.4 | 4.1 | 3.8 | 3.5 | 3.2 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 5.3 | 5.1 | 4.9 | 4.7 | 4.4 | 4.1 | 3.9 | 3.6 | 3.3 | 3.0 | 2.8 |
| -80° | 4.7 | 4.5 | 4.3 | 4.1 | 3.8 | 3.6 | 3.3 | 3.1 | 2.8 | 2.6 | 2.3 |
| -81.25° | 4.0 | 3.8 | 3.6 | 3.4 | 3.2 | 3.0 | 2.8 | 2.6 | 2.4 | 2.1 | 2.0 |
| -82.5° | 3.3 | 3.1 | 3.0 | 2.8 | 2.6 | 2.4 | 2.3 | 2.1 | 1.9 | 1.8 | 1.7 |
| -83.75° | 2.6 | 2.5 | 2.3 | 2.2 | 2.0 | 1.9 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 |
| -85° | 1.9 | 1.8 | 1.8 | 1.7 | 1.6 | 1.5 | 1.4 | 1.4 | 1.3 | 1.2 | 1.1 |
| -86.25° | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 | 0.9 | 0.8 |
| -87.5° | 1.0 | 0.9 | 0.9 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 |
| -88.75° | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|--------|------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 88.75° | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| 87.5° | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 |
| 86.25° | 0.8 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 |
| 85° | 1.0 | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 |
| 83.75° | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 |
| 82.5° | 1.5 | 1.4 | 1.3 | 1.2 | 1.0 | 0.9 | 0.8 | 0.7 | 0.5 | 0.4 | 0.3 |
| 81.25° | 1.8 | 1.7 | 1.5 | 1.4 | 1.2 | 1.1 | 0.9 | 0.8 | 0.6 | 0.5 | 0.3 |
| 80° | 2.1 | 1.9 | 1.7 | 1.6 | 1.4 | 1.2 | 1.0 | 0.9 | 0.7 | 0.5 | 0.3 |
| 78.75° | 2.5 | 2.2 | 1.9 | 1.7 | 1.6 | 1.4 | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 |
| 77.5° | 2.9 | 2.5 | 2.2 | 1.9 | 1.7 | 1.5 | 1.3 | 1.1 | 0.9 | 0.6 | 0.4 |
| 76.25° | 3.2 | 2.9 | 2.5 | 2.2 | 1.9 | 1.7 | 1.4 | 1.2 | 0.9 | 0.7 | 0.5 |
| 75° | 3.6 | 3.2 | 2.9 | 2.5 | 2.1 | 1.8 | 1.5 | 1.3 | 1.0 | 0.8 | 0.5 |
| 73.75° | 4.0 | 3.6 | 3.2 | 2.8 | 2.3 | 2.0 | 1.7 | 1.4 | 1.1 | 0.8 | 0.6 |
| 72.5° | 4.4 | 3.9 | 3.5 | 3.0 | 2.6 | 2.1 | 1.8 | 1.5 | 1.2 | 0.9 | 0.6 |
| 71.25° | 4.7 | 4.3 | 3.8 | 3.3 | 2.8 | 2.4 | 1.9 | 1.6 | 1.3 | 1.0 | 0.6 |
| 70° | 5.1 | 4.6 | 4.1 | 3.6 | 3.1 | 2.6 | 2.1 | 1.7 | 1.4 | 1.0 | 0.7 |
| 68.75° | 5.3 | 4.9 | 4.4 | 3.9 | 3.3 | 2.8 | 2.3 | 1.8 | 1.4 | 1.1 | 0.7 |
| 67.5° | 5.5 | 5.2 | 4.7 | 4.1 | 3.6 | 3.0 | 2.4 | 1.9 | 1.5 | 1.1 | 0.8 |
| 66.25° | 5.8 | 5.4 | 5.0 | 4.4 | 3.8 | 3.2 | 2.6 | 2.0 | 1.6 | 1.2 | 0.8 |
| 65° | 6.0 | 5.6 | 5.2 | 4.7 | 4.1 | 3.4 | 2.8 | 2.2 | 1.7 | 1.3 | 0.8 |
| 63.75° | 6.3 | 5.8 | 5.4 | 4.9 | 4.3 | 3.6 | 3.0 | 2.3 | 1.8 | 1.3 | 0.9 |
| 62.5° | 6.5 | 6.0 | 5.6 | 5.1 | 4.5 | 3.8 | 3.1 | 2.5 | 1.8 | 1.4 | 0.9 |
| 61.25° | 6.7 | 6.3 | 5.8 | 5.3 | 4.7 | 4.0 | 3.3 | 2.6 | 1.9 | 1.4 | 1.0 |
| 60° | 6.9 | 6.5 | 6.0 | 5.5 | 5.0 | 4.2 | 3.5 | 2.7 | 2.0 | 1.5 | 1.0 |
| 58.75° | 7.3 | 6.7 | 6.2 | 5.6 | 5.1 | 4.4 | 3.7 | 2.9 | 2.1 | 1.6 | 1.0 |
| 57.5° | 7.6 | 6.9 | 6.3 | 5.8 | 5.3 | 4.6 | 3.8 | 3.0 | 2.2 | 1.6 | 1.1 |
| 56.25° | 7.9 | 7.1 | 6.5 | 6.0 | 5.4 | 4.8 | 4.0 | 3.2 | 2.3 | 1.7 | 1.1 |
| 55° | 8.2 | 7.4 | 6.7 | 6.1 | 5.6 | 5.0 | 4.2 | 3.3 | 2.4 | 1.7 | 1.1 |
| 53.75° | 8.6 | 7.7 | 6.9 | 6.3 | 5.7 | 5.1 | 4.3 | 3.4 | 2.5 | 1.8 | 1.2 |
| 52.5° | 8.9 | 8.0 | 7.1 | 6.5 | 5.9 | 5.3 | 4.5 | 3.6 | 2.6 | 1.8 | 1.2 |
| 51.25° | 9.2 | 8.3 | 7.3 | 6.6 | 6.0 | 5.4 | 4.6 | 3.7 | 2.8 | 1.9 | 1.3 |
| 50° | 9.5 | 8.5 | 7.6 | 6.8 | 6.1 | 5.5 | 4.8 | 3.8 | 2.9 | 1.9 | 1.3 |
| 48.75° | 9.8 | 8.8 | 7.8 | 6.9 | 6.3 | 5.6 | 4.9 | 3.9 | 3.0 | 2.0 | 1.3 |
| 47.5° | 10.0 | 9.1 | 8.1 | 7.1 | 6.4 | 5.7 | 5.0 | 4.1 | 3.1 | 2.0 | 1.4 |
| 46.25° | 10.1 | 9.4 | 8.3 | 7.3 | 6.5 | 5.8 | 5.1 | 4.2 | 3.1 | 2.1 | 1.4 |
| 45° | 10.2 | 9.6 | 8.6 | 7.5 | 6.6 | 5.9 | 5.2 | 4.3 | 3.2 | 2.2 | 1.4 |
| 43.75° | 10.3 | 9.9 | 8.8 | 7.7 | 6.8 | 6.0 | 5.3 | 4.4 | 3.3 | 2.2 | 1.4 |
| 42.5° | 10.4 | 10.0 | 9.0 | 7.9 | 6.9 | 6.2 | 5.4 | 4.5 | 3.4 | 2.3 | 1.5 |
| 41.25° | 10.5 | 10.1 | 9.2 | 8.1 | 7.0 | 6.3 | 5.5 | 4.6 | 3.5 | 2.4 | 1.5 |
| 40° | 10.6 | 10.2 | 9.5 | 8.3 | 7.2 | 6.4 | 5.6 | 4.7 | 3.6 | 2.4 | 1.5 |
| 38.75° | 10.7 | 10.3 | 9.7 | 8.5 | 7.3 | 6.5 | 5.7 | 4.8 | 3.7 | 2.5 | 1.6 |
| 37.5° | 10.7 | 10.3 | 9.9 | 8.7 | 7.5 | 6.5 | 5.8 | 4.9 | 3.8 | 2.6 | 1.6 |
| 36.25° | 10.8 | 10.4 | 10.0 | 8.9 | 7.7 | 6.6 | 5.8 | 5.0 | 3.8 | 2.6 | 1.6 |
| 35° | 10.9 | 10.5 | 10.1 | 9.0 | 7.8 | 6.7 | 5.9 | 5.1 | 3.9 | 2.7 | 1.6 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC2-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° | 11.0 | 10.6 | 10.1 | 9.2 | 8.0 | 6.8 | 6.0 | 5.2 | 4.0 | 2.7 | 1.7 |
| 32.5° | 11.1 | 10.6 | 10.2 | 9.4 | 8.1 | 6.9 | 6.1 | 5.2 | 4.1 | 2.8 | 1.7 |
| 31.25° | 11.2 | 10.7 | 10.3 | 9.5 | 8.2 | 7.0 | 6.1 | 5.3 | 4.1 | 2.8 | 1.7 |
| 30° | 11.4 | 10.8 | 10.3 | 9.7 | 8.4 | 7.1 | 6.2 | 5.3 | 4.2 | 2.9 | 1.7 |
| 28.75° | 11.5 | 10.8 | 10.4 | 9.8 | 8.5 | 7.2 | 6.3 | 5.4 | 4.3 | 2.9 | 1.8 |
| 27.5° | 11.6 | 10.9 | 10.4 | 10.0 | 8.6 | 7.3 | 6.3 | 5.4 | 4.3 | 3.0 | 1.8 |
| 26.25° | 11.7 | 10.9 | 10.5 | 10.0 | 8.8 | 7.4 | 6.4 | 5.5 | 4.4 | 3.0 | 1.8 |
| 25° | 11.9 | 11.0 | 10.5 | 10.1 | 8.9 | 7.5 | 6.4 | 5.5 | 4.4 | 3.1 | 1.8 |
| 23.75° | 12.0 | 11.1 | 10.6 | 10.1 | 9.0 | 7.6 | 6.5 | 5.6 | 4.5 | 3.1 | 1.8 |
| 22.5° | 12.1 | 11.1 | 10.6 | 10.2 | 9.1 | 7.7 | 6.5 | 5.6 | 4.5 | 3.2 | 1.8 |
| 21.25° | 12.2 | 11.2 | 10.7 | 10.2 | 9.2 | 7.8 | 6.6 | 5.7 | 4.6 | 3.2 | 1.9 |
| 20° | 12.3 | 11.3 | 10.7 | 10.2 | 9.3 | 7.9 | 6.6 | 5.7 | 4.6 | 3.2 | 1.9 |
| 18.75° | 12.3 | 11.4 | 10.7 | 10.3 | 9.4 | 7.9 | 6.7 | 5.7 | 4.7 | 3.3 | 1.9 |
| 17.5° | 12.4 | 11.5 | 10.8 | 10.3 | 9.4 | 8.0 | 6.7 | 5.8 | 4.7 | 3.3 | 1.9 |
| 16.25° | 12.5 | 11.6 | 10.8 | 10.3 | 9.5 | 8.1 | 6.8 | 5.8 | 4.8 | 3.3 | 1.9 |
| 15° | 12.6 | 11.6 | 10.8 | 10.3 | 9.6 | 8.1 | 6.8 | 5.8 | 4.8 | 3.3 | 1.9 |
| 13.75° | 12.6 | 11.7 | 10.9 | 10.4 | 9.7 | 8.2 | 6.8 | 5.9 | 4.8 | 3.4 | 1.9 |
| 12.5° | 12.7 | 11.7 | 10.9 | 10.4 | 9.7 | 8.2 | 6.9 | 5.9 | 4.9 | 3.4 | 2.0 |
| 11.25° | 12.8 | 11.8 | 10.9 | 10.4 | 9.8 | 8.3 | 6.9 | 5.9 | 4.9 | 3.4 | 2.0 |
| 10° | 12.8 | 11.8 | 10.9 | 10.4 | 9.8 | 8.3 | 6.9 | 5.9 | 4.9 | 3.4 | 2.0 |
| 8.75° | 12.9 | 11.9 | 10.9 | 10.4 | 9.9 | 8.4 | 6.9 | 5.9 | 4.9 | 3.4 | 2.0 |
| 7.5° | 12.9 | 11.9 | 11.0 | 10.5 | 9.9 | 8.4 | 6.9 | 6.0 | 4.9 | 3.5 | 2.0 |
| 6.25° | 12.9 | 11.9 | 11.0 | 10.5 | 9.9 | 8.4 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| 5° | 13.0 | 12.0 | 11.0 | 10.5 | 10.0 | 8.5 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| 3.75° | 13.0 | 12.0 | 11.0 | 10.5 | 10.0 | 8.5 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| 2.5° | 13.0 | 12.0 | 11.0 | 10.5 | 10.0 | 8.5 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| 1.25° | 13.0 | 12.0 | 11.0 | 10.5 | 10.0 | 8.5 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| 0° | 13.0 | 12.0 | 11.0 | 10.5 | 10.0 | 8.5 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| -1.25° | 13.0 | 12.0 | 11.0 | 10.5 | 10.0 | 8.5 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| -2.5° | 13.0 | 12.0 | 11.0 | 10.5 | 10.0 | 8.5 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| -3.75° | 13.0 | 12.0 | 11.0 | 10.5 | 10.0 | 8.5 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| -5° | 13.0 | 12.0 | 11.0 | 10.5 | 10.0 | 8.5 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| -6.25° | 12.9 | 11.9 | 11.0 | 10.5 | 9.9 | 8.4 | 7.0 | 6.0 | 5.0 | 3.5 | 2.0 |
| -7.5° | 12.9 | 11.9 | 11.0 | 10.5 | 9.9 | 8.4 | 6.9 | 6.0 | 4.9 | 3.5 | 2.0 |
| -8.75° | 12.9 | 11.9 | 10.9 | 10.4 | 9.9 | 8.4 | 6.9 | 5.9 | 4.9 | 3.4 | 2.0 |
| -10° | 12.8 | 11.8 | 10.9 | 10.4 | 9.8 | 8.3 | 6.9 | 5.9 | 4.9 | 3.4 | 2.0 |
| -11.25° | 12.8 | 11.8 | 10.9 | 10.4 | 9.8 | 8.3 | 6.9 | 5.9 | 4.9 | 3.4 | 2.0 |
| -12.5° | 12.7 | 11.7 | 10.9 | 10.4 | 9.7 | 8.2 | 6.9 | 5.9 | 4.9 | 3.4 | 2.0 |
| -13.75° | 12.6 | 11.7 | 10.9 | 10.4 | 9.7 | 8.2 | 6.8 | 5.9 | 4.8 | 3.4 | 1.9 |
| -15° | 12.6 | 11.6 | 10.8 | 10.3 | 9.6 | 8.1 | 6.8 | 5.8 | 4.8 | 3.3 | 1.9 |
| -16.25° | 12.5 | 11.6 | 10.8 | 10.3 | 9.5 | 8.1 | 6.8 | 5.8 | 4.8 | 3.3 | 1.9 |
| -17.5° | 12.4 | 11.5 | 10.8 | 10.3 | 9.4 | 8.0 | 6.7 | 5.8 | 4.7 | 3.3 | 1.9 |
| -18.75° | 12.3 | 11.4 | 10.7 | 10.3 | 9.4 | 7.9 | 6.7 | 5.7 | 4.7 | 3.3 | 1.9 |
| -20° | 12.3 | 11.3 | 10.7 | 10.2 | 9.3 | 7.9 | 6.6 | 5.7 | 4.6 | 3.2 | 1.9 |
| -21.25° | 12.2 | 11.2 | 10.7 | 10.2 | 9.2 | 7.8 | 6.6 | 5.7 | 4.6 | 3.2 | 1.9 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LEDCR-W-WT-LC2-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° | 12.1 | 11.1 | 10.6 | 10.2 | 9.1 | 7.7 | 6.5 | 5.6 | 4.5 | 3.2 | 1.8 |
| -23.75° | 12.0 | 11.1 | 10.6 | 10.1 | 9.0 | 7.6 | 6.5 | 5.6 | 4.5 | 3.1 | 1.8 |
| -25° | 11.9 | 11.0 | 10.5 | 10.1 | 8.9 | 7.5 | 6.4 | 5.5 | 4.4 | 3.1 | 1.8 |
| -26.25° | 11.7 | 10.9 | 10.5 | 10.0 | 8.8 | 7.4 | 6.4 | 5.5 | 4.4 | 3.0 | 1.8 |
| -27.5° | 11.6 | 10.9 | 10.4 | 10.0 | 8.6 | 7.3 | 6.3 | 5.4 | 4.3 | 3.0 | 1.8 |
| -28.75° | 11.5 | 10.8 | 10.4 | 9.8 | 8.5 | 7.2 | 6.3 | 5.4 | 4.3 | 2.9 | 1.8 |
| -30° | 11.4 | 10.8 | 10.3 | 9.7 | 8.4 | 7.1 | 6.2 | 5.3 | 4.2 | 2.9 | 1.7 |
| -31.25° | 11.2 | 10.7 | 10.3 | 9.5 | 8.2 | 7.0 | 6.1 | 5.3 | 4.1 | 2.8 | 1.7 |
| -32.5° | 11.1 | 10.6 | 10.2 | 9.4 | 8.1 | 6.9 | 6.1 | 5.2 | 4.1 | 2.8 | 1.7 |
| -33.75° | 11.0 | 10.6 | 10.1 | 9.2 | 8.0 | 6.8 | 6.0 | 5.2 | 4.0 | 2.7 | 1.7 |
| -35° | 10.9 | 10.5 | 10.1 | 9.0 | 7.8 | 6.7 | 5.9 | 5.1 | 3.9 | 2.7 | 1.6 |
| -36.25° | 10.8 | 10.4 | 10.0 | 8.9 | 7.7 | 6.6 | 5.8 | 5.0 | 3.8 | 2.6 | 1.6 |
| -37.5° | 10.7 | 10.3 | 9.9 | 8.7 | 7.5 | 6.5 | 5.8 | 4.9 | 3.8 | 2.6 | 1.6 |
| -38.75° | 10.7 | 10.3 | 9.7 | 8.5 | 7.3 | 6.5 | 5.7 | 4.8 | 3.7 | 2.5 | 1.6 |
| -40° | 10.6 | 10.2 | 9.5 | 8.3 | 7.2 | 6.4 | 5.6 | 4.7 | 3.6 | 2.4 | 1.5 |
| -41.25° | 10.5 | 10.1 | 9.2 | 8.1 | 7.0 | 6.3 | 5.5 | 4.6 | 3.5 | 2.4 | 1.5 |
| -42.5° | 10.4 | 10.0 | 9.0 | 7.9 | 6.9 | 6.2 | 5.4 | 4.5 | 3.4 | 2.3 | 1.5 |
| -43.75° | 10.3 | 9.9 | 8.8 | 7.7 | 6.8 | 6.0 | 5.3 | 4.4 | 3.3 | 2.2 | 1.4 |
| -45° | 10.2 | 9.6 | 8.6 | 7.5 | 6.6 | 5.9 | 5.2 | 4.3 | 3.2 | 2.2 | 1.4 |
| -46.25° | 10.1 | 9.4 | 8.3 | 7.3 | 6.5 | 5.8 | 5.1 | 4.2 | 3.1 | 2.1 | 1.4 |
| -47.5° | 10.0 | 9.1 | 8.1 | 7.1 | 6.4 | 5.7 | 5.0 | 4.1 | 3.1 | 2.0 | 1.4 |
| -48.75° | 9.8 | 8.8 | 7.8 | 6.9 | 6.3 | 5.6 | 4.9 | 3.9 | 3.0 | 2.0 | 1.3 |
| -50° | 9.5 | 8.5 | 7.6 | 6.8 | 6.1 | 5.5 | 4.8 | 3.8 | 2.9 | 1.9 | 1.3 |
| -51.25° | 9.2 | 8.3 | 7.3 | 6.6 | 6.0 | 5.4 | 4.6 | 3.7 | 2.8 | 1.9 | 1.3 |
| -52.5° | 8.9 | 8.0 | 7.1 | 6.5 | 5.9 | 5.3 | 4.5 | 3.6 | 2.6 | 1.8 | 1.2 |
| -53.75° | 8.6 | 7.7 | 6.9 | 6.3 | 5.7 | 5.1 | 4.3 | 3.4 | 2.5 | 1.8 | 1.2 |
| -55° | 8.2 | 7.4 | 6.7 | 6.1 | 5.6 | 5.0 | 4.2 | 3.3 | 2.4 | 1.7 | 1.1 |
| -56.25° | 7.9 | 7.1 | 6.5 | 6.0 | 5.4 | 4.8 | 4.0 | 3.2 | 2.3 | 1.7 | 1.1 |
| -57.5° | 7.6 | 6.9 | 6.3 | 5.8 | 5.3 | 4.6 | 3.8 | 3.0 | 2.2 | 1.6 | 1.1 |
| -58.75° | 7.3 | 6.7 | 6.2 | 5.6 | 5.1 | 4.4 | 3.7 | 2.9 | 2.1 | 1.6 | 1.0 |
| -60° | 6.9 | 6.5 | 6.0 | 5.5 | 5.0 | 4.2 | 3.5 | 2.7 | 2.0 | 1.5 | 1.0 |
| -61.25° | 6.7 | 6.3 | 5.8 | 5.3 | 4.7 | 4.0 | 3.3 | 2.6 | 1.9 | 1.4 | 1.0 |
| -62.5° | 6.5 | 6.0 | 5.6 | 5.1 | 4.5 | 3.8 | 3.1 | 2.5 | 1.8 | 1.4 | 0.9 |
| -63.75° | 6.3 | 5.8 | 5.4 | 4.9 | 4.3 | 3.6 | 3.0 | 2.3 | 1.8 | 1.3 | 0.9 |
| -65° | 6.0 | 5.6 | 5.2 | 4.7 | 4.1 | 3.4 | 2.8 | 2.2 | 1.7 | 1.3 | 0.8 |
| -66.25° | 5.8 | 5.4 | 5.0 | 4.4 | 3.8 | 3.2 | 2.6 | 2.0 | 1.6 | 1.2 | 0.8 |
| -67.5° | 5.5 | 5.2 | 4.7 | 4.1 | 3.6 | 3.0 | 2.4 | 1.9 | 1.5 | 1.1 | 0.8 |
| -68.75° | 5.3 | 4.9 | 4.4 | 3.9 | 3.3 | 2.8 | 2.3 | 1.8 | 1.4 | 1.1 | 0.7 |
| -70° | 5.1 | 4.6 | 4.1 | 3.6 | 3.1 | 2.6 | 2.1 | 1.7 | 1.4 | 1.0 | 0.7 |
| -71.25° | 4.7 | 4.3 | 3.8 | 3.3 | 2.8 | 2.4 | 1.9 | 1.6 | 1.3 | 1.0 | 0.6 |
| -72.5° | 4.4 | 3.9 | 3.5 | 3.0 | 2.6 | 2.1 | 1.8 | 1.5 | 1.2 | 0.9 | 0.6 |
| -73.75° | 4.0 | 3.6 | 3.2 | 2.8 | 2.3 | 2.0 | 1.7 | 1.4 | 1.1 | 0.8 | 0.6 |
| -75° | 3.6 | 3.2 | 2.9 | 2.5 | 2.1 | 1.8 | 1.5 | 1.3 | 1.0 | 0.8 | 0.5 |
| -76.25° | 3.2 | 2.9 | 2.5 | 2.2 | 1.9 | 1.7 | 1.4 | 1.2 | 0.9 | 0.7 | 0.5 |
| -77.5° | 2.9 | 2.5 | 2.2 | 1.9 | 1.7 | 1.5 | 1.3 | 1.1 | 0.9 | 0.6 | 0.4 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-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° | 2.5 | 2.2 | 1.9 | 1.7 | 1.6 | 1.4 | 1.2 | 1.0 | 0.8 | 0.6 | 0.4 |
| -80° | 2.1 | 1.9 | 1.7 | 1.6 | 1.4 | 1.2 | 1.0 | 0.9 | 0.7 | 0.5 | 0.3 |
| -81.25° | 1.8 | 1.7 | 1.5 | 1.4 | 1.2 | 1.1 | 0.9 | 0.8 | 0.6 | 0.5 | 0.3 |
| -82.5° | 1.5 | 1.4 | 1.3 | 1.2 | 1.0 | 0.9 | 0.8 | 0.7 | 0.5 | 0.4 | 0.3 |
| -83.75° | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.5 | 0.4 | 0.3 | 0.2 |
| -85° | 1.0 | 0.9 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 |
| -86.25° | 0.8 | 0.7 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 |
| -87.5° | 0.5 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 |
| -88.75° | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

| | 88.75° | 90° |
|---------|--------|-----|
| 33.75° | 0.8 | 0.0 |
| 32.5° | 0.8 | 0.0 |
| 31.25° | 0.9 | 0.0 |
| 30° | 0.9 | 0.0 |
| 28.75° | 0.9 | 0.0 |
| 27.5° | 0.9 | 0.0 |
| 26.25° | 0.9 | 0.0 |
| 25° | 0.9 | 0.0 |
| 23.75° | 0.9 | 0.0 |
| 22.5° | 0.9 | 0.0 |
| 21.25° | 0.9 | 0.0 |
| 20° | 0.9 | 0.0 |
| 18.75° | 0.9 | 0.0 |
| 17.5° | 1.0 | 0.0 |
| 16.25° | 1.0 | 0.0 |
| 15° | 1.0 | 0.0 |
| 13.75° | 1.0 | 0.0 |
| 12.5° | 1.0 | 0.0 |
| 11.25° | 1.0 | 0.0 |
| 10° | 1.0 | 0.0 |
| 8.75° | 1.0 | 0.0 |
| 7.5° | 1.0 | 0.0 |
| 6.25° | 1.0 | 0.0 |
| 5° | 1.0 | 0.0 |
| 3.75° | 1.0 | 0.0 |
| 2.5° | 1.0 | 0.0 |
| 1.25° | 1.0 | 0.0 |
| 0° | 1.0 | 0.0 |
| -1.25° | 1.0 | 0.0 |
| -2.5° | 1.0 | 0.0 |
| -3.75° | 1.0 | 0.0 |
| -5° | 1.0 | 0.0 |
| -6.25° | 1.0 | 0.0 |
| -7.5° | 1.0 | 0.0 |
| -8.75° | 1.0 | 0.0 |
| -10° | 1.0 | 0.0 |
| -11.25° | 1.0 | 0.0 |
| -12.5° | 1.0 | 0.0 |
| -13.75° | 1.0 | 0.0 |
| -15° | 1.0 | 0.0 |
| -16.25° | 1.0 | 0.0 |
| -17.5° | 1.0 | 0.0 |
| -18.75° | 0.9 | 0.0 |
| -20° | 0.9 | 0.0 |
| -21.25° | 0.9 | 0.0 |



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P221152 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-[RW, RI]-LED CR-W-WT-LC2-UNV

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)