

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: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29477)
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]-FL-LED5080-M-BK-L2-UNV
Description: LUMIERE LANTERRA 1003 LED ACCENT/SIGN LUMINAIRE, FLUSH LENS, MEDIUM
FLOOD OPTIC, BLACK HOUSING.
Light Source: (1) 5000K CCT, 80 CRI LED
Ballast/Driver: ELECTRONIC DRIVER

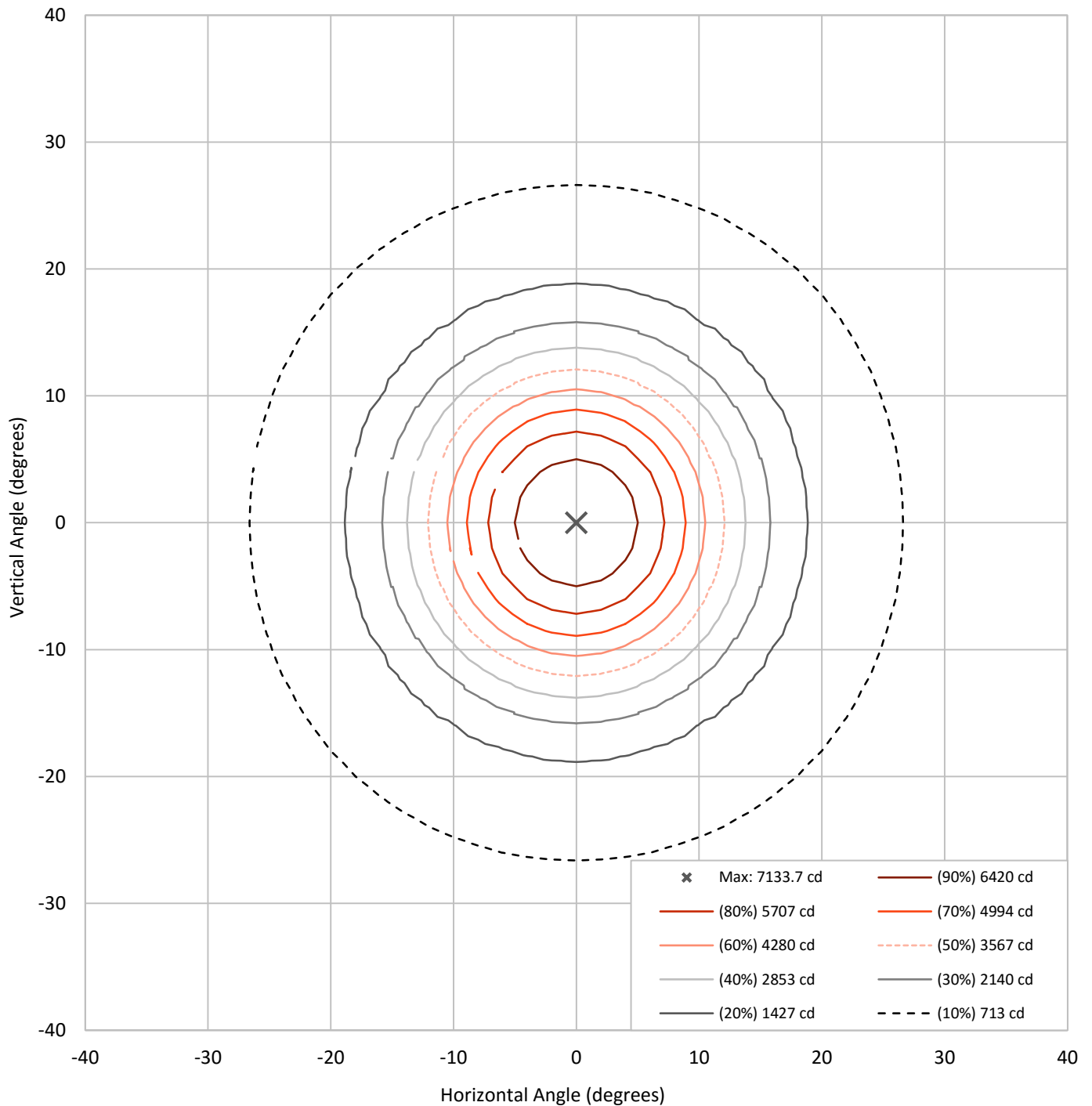
Summary

| | | | |
|-----------------------------------|-------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 1684.6 lumens | Max Intensity: | 7133.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 83.8 lumens/watt | | |
| Luminous Opening: | Circular (Dia: 0.25' x H: 0') | | |
| Beam Angle (50%): | 24.2°H x 24.2°V | Field Angle (10%): | 53.3°H x 53.3°V |
| Beam Lumens: | 736.4 lumens | Field Lumens: | 1504.8 lumens |
| Beam Efficiency: | 43.7% | Field Efficiency: | 89.3% |
| Input Watts (W): | 20.1 | | |
| Input Voltage (V): | 120 | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |

REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

Iso-Candela Plot





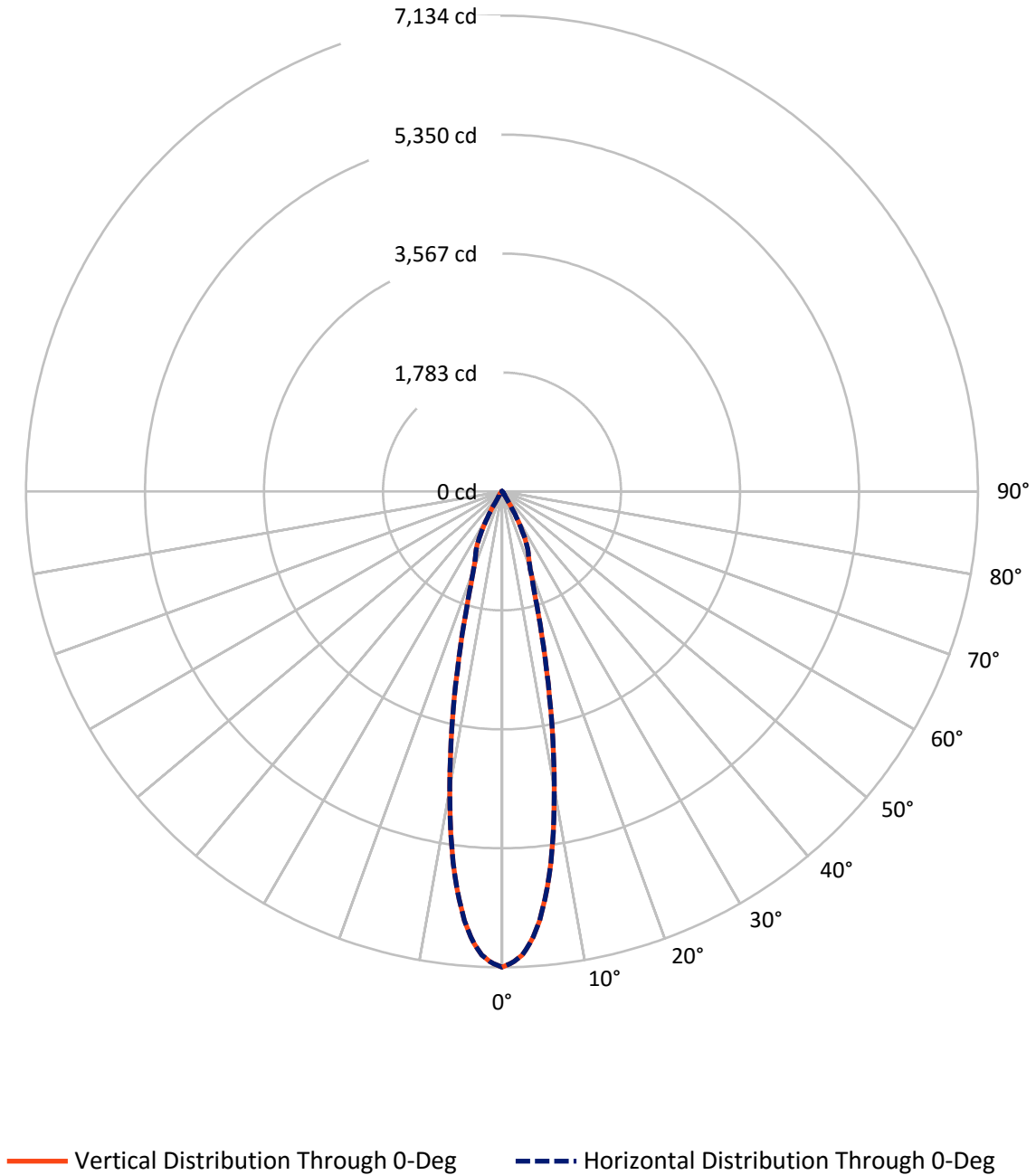
REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

Lumen Table

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|------|------|-------|-------|------|------|-----|-----|-----|-----|-----|-----|-----|
| 90 | 0.0 | | 0.0 | | 0.1 | | 0.1 | | 0.2 | | 0.1 | | 0.1 | | 0.0 | | 0.0 | |
| 80 | 0.0 | | 0.0 | | 0.1 | | 0.1 | | 0.2 | | 0.1 | | 0.1 | | 0.0 | | 0.0 | |
| 70 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 60 | | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | | | |
| 50 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 40 | | 0.0 | 0.1 | 0.2 | 0.3 | 0.6 | 1.4 | 2.8 | 2.8 | 1.4 | 0.6 | 0.3 | 0.2 | 0.1 | 0.0 | | | |
| 30 | 0.0 | 0.0 | 0.1 | 0.2 | 0.6 | 2.9 | 13.7 | 23.5 | 23.5 | 13.7 | 2.9 | 0.6 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| 20 | | 0.1 | 0.1 | 0.3 | 1.2 | 13.0 | 35.5 | 67.7 | 67.7 | 35.5 | 13.0 | 1.2 | 0.3 | 0.1 | 0.1 | | | |
| 10 | 0.0 | 0.1 | 0.1 | 0.3 | 2.3 | 21.5 | 65.9 | 163.3 | 163.3 | 65.9 | 21.5 | 2.3 | 0.3 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| 0 | | 0.1 | 0.1 | 0.3 | 2.3 | 21.5 | 65.9 | 163.3 | 163.3 | 65.9 | 21.5 | 2.3 | 0.3 | 0.1 | 0.1 | | | |
| -10 | 0.0 | 0.1 | 0.1 | 0.3 | 2.3 | 21.5 | 65.9 | 163.3 | 163.3 | 65.9 | 21.5 | 2.3 | 0.3 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 |
| -20 | | 0.1 | 0.1 | 0.3 | 1.2 | 13.0 | 35.5 | 67.7 | 67.7 | 35.5 | 13.0 | 1.2 | 0.3 | 0.1 | 0.1 | | | |
| -30 | 0.0 | 0.0 | 0.1 | 0.2 | 0.6 | 2.9 | 13.7 | 23.5 | 23.5 | 13.7 | 2.9 | 0.6 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| -40 | | 0.0 | 0.1 | 0.2 | 0.3 | 0.6 | 1.4 | 2.8 | 2.8 | 1.4 | 0.6 | 0.3 | 0.2 | 0.1 | 0.0 | | | |
| -50 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| -60 | | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | | | |
| -70 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| -80 | | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | | | |
| -90 | 0.0 | | 0.0 | | 0.1 | | 0.1 | | 0.2 | | 0.1 | | 0.1 | | 0.0 | | 0.0 | |

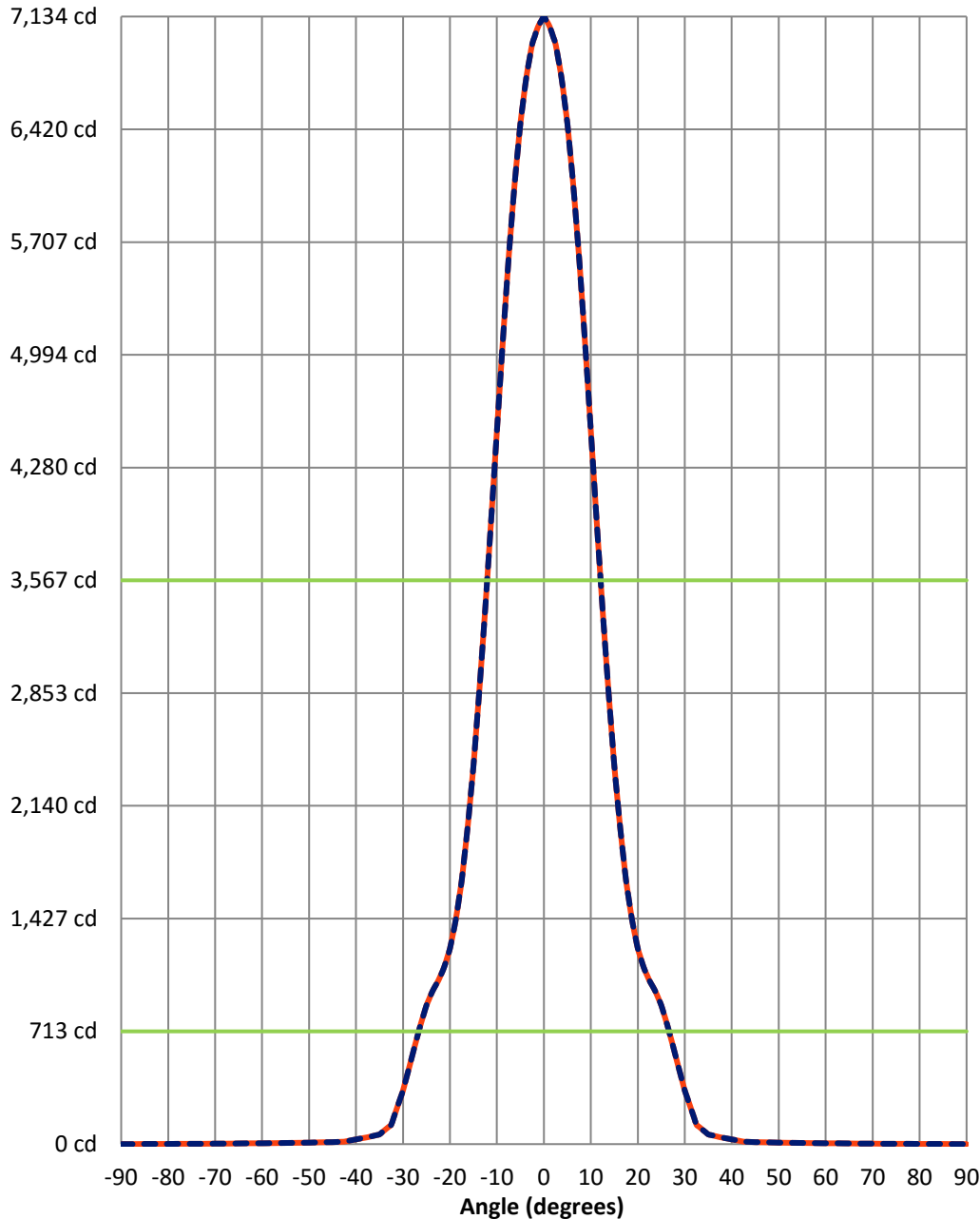
REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

Luminous Intensity Polar Plot



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

Luminous Intensity Plot



Beam:
 H Angle: 24.2°
 V Angle: 24.2°
 Lumens: 736.4
 Efficiency: 43.7%

Field:
 H Angle: 53.3°
 V Angle: 53.3°
 Lumens: 1504.8
 Efficiency: 89.3%

Spill:
 Lumens: 179.8
 Efficiency: 10.7%

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



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 78.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 76.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 68.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 66.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 63.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 61.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 60° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 58.75° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 57.5° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 56.25° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 55° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 53.75° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 52.5° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 51.25° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 50° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 48.75° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 47.5° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 46.25° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 45° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 43.75° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 42.5° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 41.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 40° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 38.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 37.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 36.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 35° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 32.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 31.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 30° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 28.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 27.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 26.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 23.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 22.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 21.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 20° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 18.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 17.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 16.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 15° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 13.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 12.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 11.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 10° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 8.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 7.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 6.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 3.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 2.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 1.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 0° | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| -1.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| -2.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| -3.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| -5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| -6.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| -7.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| -8.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -10° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -11.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -12.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -13.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -15° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -16.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -17.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -18.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -20° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -21.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -22.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -23.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -26.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -27.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -28.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -30° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -31.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -32.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -33.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -35° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -36.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -37.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -38.75° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -40° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -41.25° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -42.5° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -43.75° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -45° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -46.25° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -47.5° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -48.75° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -50° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -51.25° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -52.5° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -53.75° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| -55° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| -56.25° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| -57.5° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| -58.75° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| -60° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| -61.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| -62.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| -63.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| -65° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| -66.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| -67.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| -68.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| -70° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| -71.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| -72.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -73.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -76.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -90° | -88.75° | -87.5° | -86.25° | -85° | -83.75° | -82.5° | -81.25° | -80° | -78.75° | -77.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -81.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| 78.75° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 76.25° | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 75° | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 73.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 72.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 71.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 70° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 68.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 67.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 66.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 65° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 63.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 62.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| 61.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| 60° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| 58.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| 57.5° | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| 56.25° | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| 55° | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 53.75° | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| 52.5° | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 51.25° | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 50° | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 48.75° | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 47.5° | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 46.25° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 45° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 43.75° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 42.5° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 41.25° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| 40° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| 38.75° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| 37.5° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| 36.25° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| 35° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| 33.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 32.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 31.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 30° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 28.75° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| 27.5° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| 26.25° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| 25° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| 23.75° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| 22.5° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| 21.25° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 |
| 20° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 |
| 18.75° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| 17.5° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| 16.25° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| 15° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| 13.75° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| 12.5° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| 11.25° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| 10° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 5 |
| 8.75° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| 7.5° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| 6.25° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| 5° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| 3.75° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| 2.5° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| 1.25° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| 0° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| -1.25° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| -2.5° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| -3.75° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| -5° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| -6.25° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| -7.5° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| -8.75° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 5 |
| -10° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 5 |
| -11.25° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| -12.5° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| -13.75° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| -15° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| -16.25° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| -17.5° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| -18.75° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| -20° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 |
| -21.25° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-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° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| -23.75° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| -25° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 |
| -26.25° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| -27.5° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| -28.75° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| -30° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| -31.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| -32.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| -33.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| -35° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| -36.25° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| -37.5° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| -38.75° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| -40° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| -41.25° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| -42.5° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| -43.75° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| -45° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -46.25° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -47.5° | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -48.75° | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -50° | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -51.25° | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -52.5° | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -53.75° | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| -55° | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| -56.25° | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| -57.5° | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| -58.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| -60° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| -61.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| -62.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| -63.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -65° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -66.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -67.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -68.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -70° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -71.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -72.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -73.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -75° | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -76.25° | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -77.5° | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -76.25° | -75° | -73.75° | -72.5° | -71.25° | -70° | -68.75° | -67.5° | -66.25° | -65° | -63.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|
| -78.75° | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| -80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| -81.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| -82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|--------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 82.5° | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 76.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 73.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 72.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| 71.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| 70° | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| 68.75° | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 67.5° | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 66.25° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 65° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 63.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 62.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 61.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 60° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 58.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| 57.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| 56.25° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| 55° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| 53.75° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 52.5° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 51.25° | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 50° | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
| 48.75° | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| 47.5° | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| 46.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 |
| 45° | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 |
| 43.75° | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 |
| 42.5° | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 |
| 41.25° | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| 40° | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| 38.75° | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| 37.5° | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| 36.25° | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| 35° | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| 33.75° | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 |
| 32.5° | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| 31.25° | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 |
| 30° | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 |
| 28.75° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 |
| 27.5° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 |
| 26.25° | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 |
| 25° | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 |
| 23.75° | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 |
| 22.5° | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 8 |
| 21.25° | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |
| 20° | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |
| 18.75° | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |
| 17.5° | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 8 | 8 |
| 16.25° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| 15° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| 13.75° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| 12.5° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| 11.25° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| 10° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 8 | 8 | 9 | 9 |
| 8.75° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| 7.5° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| 6.25° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| 5° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| 3.75° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| 2.5° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| 1.25° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| 0° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| -1.25° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| -2.5° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| -3.75° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| -5° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| -6.25° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| -7.5° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| -8.75° | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 | 9 |
| -10° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 8 | 8 | 9 | 9 |
| -11.25° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| -12.5° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| -13.75° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| -15° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| -16.25° | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 | 9 |
| -17.5° | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 8 | 8 |
| -18.75° | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |
| -20° | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |
| -21.25° | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -22.5° | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 8 |
| -23.75° | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 |
| -25° | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 |
| -26.25° | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 |
| -27.5° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 |
| -28.75° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 7 |
| -30° | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 |
| -31.25° | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 |
| -32.5° | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| -33.75° | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 |
| -35° | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 |
| -36.25° | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 |
| -37.5° | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| -38.75° | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| -40° | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| -41.25° | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| -42.5° | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 |
| -43.75° | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 |
| -45° | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 |
| -46.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 |
| -47.5° | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| -48.75° | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| -50° | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
| -51.25° | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| -52.5° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -53.75° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -55° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| -56.25° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| -57.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| -58.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| -60° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| -61.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -62.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -63.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -65° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -66.25° | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -67.5° | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -68.75° | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -70° | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| -71.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| -72.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| -73.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -76.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -62.5° | -61.25° | -60° | -58.75° | -57.5° | -56.25° | -55° | -53.75° | -52.5° | -51.25° | -50° |
|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|
| -78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -82.5° | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| -85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|--------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| 83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 76.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 75° | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| 73.75° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 70° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 68.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 67.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 66.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| 65° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| 63.75° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 62.5° | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 61.25° | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 60° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 58.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| 57.5° | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| 56.25° | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| 55° | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| 53.75° | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| 52.5° | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 51.25° | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 50° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| 48.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| 47.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| 46.25° | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 |
| 45° | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 |
| 43.75° | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 |
| 42.5° | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 |
| 41.25° | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 |
| 40° | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 |
| 38.75° | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| 37.5° | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
| 36.25° | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 10 |
| 35° | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 10 | 10 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| 33.75° | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 10 | 11 |
| 32.5° | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 12 |
| 31.25° | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 10 | 11 | 11 | 12 |
| 30° | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 12 |
| 28.75° | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 12 | 12 | 12 |
| 27.5° | 8 | 8 | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 12 | 13 |
| 26.25° | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 12 | 12 | 13 | 14 |
| 25° | 8 | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 12 | 14 | 15 |
| 23.75° | 8 | 9 | 9 | 10 | 10 | 11 | 12 | 12 | 13 | 14 | 16 |
| 22.5° | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 15 | 19 |
| 21.25° | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 13 | 15 | 17 | 23 |
| 20° | 9 | 9 | 10 | 11 | 12 | 12 | 12 | 14 | 15 | 20 | 26 |
| 18.75° | 9 | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 16 | 23 | 29 |
| 17.5° | 9 | 9 | 10 | 11 | 12 | 12 | 14 | 15 | 19 | 25 | 32 |
| 16.25° | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 15 | 21 | 28 | 34 |
| 15° | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 17 | 24 | 30 | 36 |
| 13.75° | 9 | 10 | 11 | 12 | 12 | 13 | 15 | 19 | 26 | 32 | 39 |
| 12.5° | 9 | 10 | 11 | 12 | 12 | 14 | 15 | 21 | 28 | 34 | 41 |
| 11.25° | 10 | 11 | 11 | 12 | 13 | 14 | 16 | 23 | 30 | 36 | 42 |
| 10° | 10 | 11 | 12 | 12 | 13 | 14 | 17 | 24 | 31 | 38 | 44 |
| 8.75° | 10 | 11 | 12 | 12 | 13 | 15 | 18 | 26 | 32 | 39 | 46 |
| 7.5° | 10 | 11 | 12 | 12 | 13 | 15 | 20 | 27 | 34 | 40 | 48 |
| 6.25° | 10 | 11 | 12 | 12 | 14 | 15 | 21 | 28 | 35 | 41 | 49 |
| 5° | 10 | 11 | 12 | 12 | 14 | 15 | 21 | 29 | 35 | 42 | 50 |
| 3.75° | 10 | 11 | 12 | 12 | 14 | 15 | 22 | 29 | 36 | 43 | 51 |
| 2.5° | 10 | 11 | 12 | 12 | 14 | 16 | 22 | 30 | 36 | 43 | 52 |
| 1.25° | 10 | 11 | 12 | 12 | 14 | 16 | 23 | 30 | 37 | 44 | 52 |
| 0° | 10 | 11 | 12 | 13 | 14 | 16 | 23 | 30 | 37 | 44 | 52 |
| -1.25° | 10 | 11 | 12 | 12 | 14 | 16 | 23 | 30 | 37 | 44 | 52 |
| -2.5° | 10 | 11 | 12 | 12 | 14 | 16 | 22 | 30 | 36 | 43 | 52 |
| -3.75° | 10 | 11 | 12 | 12 | 14 | 15 | 22 | 29 | 36 | 43 | 51 |
| -5° | 10 | 11 | 12 | 12 | 14 | 15 | 21 | 29 | 35 | 42 | 50 |
| -6.25° | 10 | 11 | 12 | 12 | 14 | 15 | 21 | 28 | 35 | 41 | 49 |
| -7.5° | 10 | 11 | 12 | 12 | 13 | 15 | 20 | 27 | 34 | 40 | 48 |
| -8.75° | 10 | 11 | 12 | 12 | 13 | 15 | 18 | 26 | 32 | 39 | 46 |
| -10° | 10 | 11 | 12 | 12 | 13 | 14 | 17 | 24 | 31 | 38 | 44 |
| -11.25° | 10 | 11 | 11 | 12 | 13 | 14 | 16 | 23 | 30 | 36 | 42 |
| -12.5° | 9 | 10 | 11 | 12 | 12 | 14 | 15 | 21 | 28 | 34 | 41 |
| -13.75° | 9 | 10 | 11 | 12 | 12 | 13 | 15 | 19 | 26 | 32 | 39 |
| -15° | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 17 | 24 | 30 | 36 |
| -16.25° | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 15 | 21 | 28 | 34 |
| -17.5° | 9 | 9 | 10 | 11 | 12 | 12 | 14 | 15 | 19 | 25 | 32 |
| -18.75° | 9 | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 16 | 23 | 29 |
| -20° | 9 | 9 | 10 | 11 | 12 | 12 | 12 | 14 | 15 | 20 | 26 |
| -21.25° | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 13 | 15 | 17 | 23 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -22.5° | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 13 | 14 | 15 | 19 |
| -23.75° | 8 | 9 | 9 | 10 | 10 | 11 | 12 | 12 | 13 | 14 | 16 |
| -25° | 8 | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 12 | 14 | 15 |
| -26.25° | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 12 | 12 | 13 | 14 |
| -27.5° | 8 | 8 | 8 | 9 | 9 | 10 | 11 | 12 | 12 | 12 | 13 |
| -28.75° | 7 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 12 | 12 | 12 |
| -30° | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 11 | 11 | 12 | 12 |
| -31.25° | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 10 | 11 | 11 | 12 |
| -32.5° | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 10 | 11 | 12 |
| -33.75° | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 10 | 10 | 11 |
| -35° | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 9 | 9 | 10 | 10 |
| -36.25° | 6 | 6 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 10 |
| -37.5° | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
| -38.75° | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 |
| -40° | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 |
| -41.25° | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 |
| -42.5° | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 |
| -43.75° | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 |
| -45° | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 |
| -46.25° | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 |
| -47.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| -48.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| -50° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| -51.25° | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -52.5° | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -53.75° | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| -55° | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 |
| -56.25° | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| -57.5° | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| -58.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| -60° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| -61.25° | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -62.5° | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -63.75° | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -65° | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| -66.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| -67.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -68.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -70° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -73.75° | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -75° | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| -76.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -48.75° | -47.5° | -46.25° | -45° | -43.75° | -42.5° | -41.25° | -40° | -38.75° | -37.5° | -36.25° |
|---------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|---------|
| -78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -85° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|--------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| 76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 70° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 68.75° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| 67.5° | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 66.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 65° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 63.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| 62.5° | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 61.25° | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| 60° | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| 58.75° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 57.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 56.25° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| 55° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| 53.75° | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 52.5° | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 |
| 51.25° | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| 50° | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 |
| 48.75° | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 |
| 47.5° | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 |
| 46.25° | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 |
| 45° | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 10 | 10 |
| 43.75° | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 11 |
| 42.5° | 8 | 8 | 9 | 9 | 9 | 10 | 10 | 10 | 11 | 11 | 12 |
| 41.25° | 9 | 9 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 12 |
| 40° | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 12 | 13 |
| 38.75° | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 12 | 13 | 14 |
| 37.5° | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 14 | 14 | 15 |
| 36.25° | 10 | 11 | 12 | 12 | 12 | 12 | 13 | 14 | 15 | 16 | 19 |
| 35° | 11 | 12 | 12 | 12 | 13 | 14 | 14 | 15 | 18 | 22 | 25 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| 33.75° | 12 | 12 | 12 | 13 | 14 | 15 | 16 | 20 | 24 | 28 | 31 |
| 32.5° | 12 | 12 | 13 | 14 | 15 | 17 | 21 | 25 | 29 | 33 | 37 |
| 31.25° | 12 | 13 | 14 | 15 | 17 | 22 | 26 | 30 | 34 | 38 | 42 |
| 30° | 13 | 14 | 15 | 17 | 22 | 27 | 31 | 35 | 39 | 43 | 48 |
| 28.75° | 14 | 15 | 17 | 22 | 27 | 31 | 36 | 40 | 44 | 50 | 55 |
| 27.5° | 14 | 16 | 21 | 26 | 31 | 36 | 40 | 45 | 51 | 56 | 62 |
| 26.25° | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 51 | 57 | 66 | 85 |
| 25° | 18 | 24 | 29 | 34 | 39 | 44 | 51 | 57 | 67 | 87 | 107 |
| 23.75° | 22 | 28 | 33 | 38 | 43 | 50 | 56 | 66 | 87 | 108 | 143 |
| 22.5° | 25 | 31 | 37 | 42 | 48 | 55 | 62 | 85 | 107 | 143 | 218 |
| 21.25° | 29 | 34 | 40 | 46 | 53 | 60 | 80 | 103 | 135 | 213 | 290 |
| 20° | 32 | 38 | 43 | 50 | 58 | 73 | 97 | 121 | 200 | 281 | 366 |
| 18.75° | 35 | 41 | 47 | 55 | 64 | 89 | 114 | 177 | 262 | 348 | 452 |
| 17.5° | 38 | 43 | 51 | 59 | 78 | 104 | 146 | 235 | 322 | 427 | 537 |
| 16.25° | 40 | 47 | 55 | 65 | 92 | 118 | 199 | 290 | 390 | 504 | 619 |
| 15° | 43 | 50 | 58 | 78 | 105 | 155 | 249 | 342 | 460 | 579 | 696 |
| 13.75° | 45 | 53 | 61 | 89 | 117 | 199 | 295 | 404 | 526 | 649 | 764 |
| 12.5° | 48 | 56 | 72 | 100 | 142 | 241 | 338 | 462 | 589 | 712 | 823 |
| 11.25° | 50 | 59 | 81 | 110 | 178 | 278 | 389 | 517 | 647 | 769 | 875 |
| 10° | 53 | 61 | 90 | 119 | 211 | 313 | 435 | 566 | 698 | 816 | 914 |
| 8.75° | 55 | 68 | 97 | 137 | 241 | 345 | 477 | 611 | 742 | 857 | 949 |
| 7.5° | 56 | 74 | 104 | 162 | 266 | 379 | 514 | 651 | 780 | 890 | 972 |
| 6.25° | 58 | 80 | 110 | 183 | 288 | 409 | 545 | 684 | 810 | 915 | 990 |
| 5° | 59 | 84 | 114 | 200 | 306 | 433 | 572 | 710 | 834 | 935 | 1006 |
| 3.75° | 60 | 87 | 118 | 213 | 320 | 452 | 593 | 731 | 853 | 952 | 1018 |
| 2.5° | 61 | 90 | 121 | 223 | 331 | 466 | 608 | 745 | 867 | 960 | 1026 |
| 1.25° | 61 | 91 | 122 | 229 | 337 | 474 | 617 | 754 | 875 | 965 | 1031 |
| 0° | 61 | 92 | 123 | 231 | 339 | 477 | 620 | 757 | 878 | 967 | 1033 |
| -1.25° | 61 | 91 | 122 | 229 | 337 | 474 | 617 | 754 | 875 | 965 | 1031 |
| -2.5° | 61 | 90 | 121 | 223 | 331 | 466 | 608 | 745 | 867 | 960 | 1026 |
| -3.75° | 60 | 87 | 118 | 213 | 320 | 452 | 593 | 731 | 853 | 952 | 1018 |
| -5° | 59 | 84 | 114 | 200 | 306 | 433 | 572 | 710 | 834 | 935 | 1006 |
| -6.25° | 58 | 80 | 110 | 183 | 288 | 409 | 545 | 684 | 810 | 915 | 990 |
| -7.5° | 56 | 74 | 104 | 162 | 266 | 379 | 514 | 651 | 780 | 890 | 972 |
| -8.75° | 55 | 68 | 97 | 137 | 241 | 345 | 477 | 611 | 742 | 857 | 949 |
| -10° | 53 | 61 | 90 | 119 | 211 | 313 | 435 | 566 | 698 | 816 | 914 |
| -11.25° | 50 | 59 | 81 | 110 | 178 | 278 | 389 | 517 | 647 | 769 | 875 |
| -12.5° | 48 | 56 | 72 | 100 | 142 | 241 | 338 | 462 | 589 | 712 | 823 |
| -13.75° | 45 | 53 | 61 | 89 | 117 | 199 | 295 | 404 | 526 | 649 | 764 |
| -15° | 43 | 50 | 58 | 78 | 105 | 155 | 249 | 342 | 460 | 579 | 696 |
| -16.25° | 40 | 47 | 55 | 65 | 92 | 118 | 199 | 290 | 390 | 504 | 619 |
| -17.5° | 38 | 43 | 51 | 59 | 78 | 104 | 146 | 235 | 322 | 427 | 537 |
| -18.75° | 35 | 41 | 47 | 55 | 64 | 89 | 114 | 177 | 262 | 348 | 452 |
| -20° | 32 | 38 | 43 | 50 | 58 | 73 | 97 | 121 | 200 | 281 | 366 |
| -21.25° | 29 | 34 | 40 | 46 | 53 | 60 | 80 | 103 | 135 | 213 | 290 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -22.5° | 25 | 31 | 37 | 42 | 48 | 55 | 62 | 85 | 107 | 143 | 218 |
| -23.75° | 22 | 28 | 33 | 38 | 43 | 50 | 56 | 66 | 87 | 108 | 143 |
| -25° | 18 | 24 | 29 | 34 | 39 | 44 | 51 | 57 | 67 | 87 | 107 |
| -26.25° | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 51 | 57 | 66 | 85 |
| -27.5° | 14 | 16 | 21 | 26 | 31 | 36 | 40 | 45 | 51 | 56 | 62 |
| -28.75° | 14 | 15 | 17 | 22 | 27 | 31 | 36 | 40 | 44 | 50 | 55 |
| -30° | 13 | 14 | 15 | 17 | 22 | 27 | 31 | 35 | 39 | 43 | 48 |
| -31.25° | 12 | 13 | 14 | 15 | 17 | 22 | 26 | 30 | 34 | 38 | 42 |
| -32.5° | 12 | 12 | 13 | 14 | 15 | 17 | 21 | 25 | 29 | 33 | 37 |
| -33.75° | 12 | 12 | 12 | 13 | 14 | 15 | 16 | 20 | 24 | 28 | 31 |
| -35° | 11 | 12 | 12 | 12 | 13 | 14 | 14 | 15 | 18 | 22 | 25 |
| -36.25° | 10 | 11 | 12 | 12 | 12 | 12 | 13 | 14 | 15 | 16 | 19 |
| -37.5° | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 13 | 14 | 14 | 15 |
| -38.75° | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 12 | 13 | 14 |
| -40° | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 12 | 12 | 13 |
| -41.25° | 9 | 9 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 | 12 |
| -42.5° | 8 | 8 | 9 | 9 | 9 | 10 | 10 | 10 | 11 | 11 | 12 |
| -43.75° | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 11 |
| -45° | 7 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 10 | 10 |
| -46.25° | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 |
| -47.5° | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 9 | 9 |
| -48.75° | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 |
| -50° | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 |
| -51.25° | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 |
| -52.5° | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 |
| -53.75° | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| -55° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| -56.25° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| -57.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -58.75° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -60° | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| -61.25° | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 |
| -62.5° | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| -63.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| -65° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -66.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -67.5° | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -68.75° | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| -70° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -35° | -33.75° | -32.5° | -31.25° | -30° | -28.75° | -27.5° | -26.25° | -25° | -23.75° | -22.5° |
|---------|------|---------|--------|---------|------|---------|--------|---------|------|---------|--------|
| -78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|--------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| 70° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 68.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 67.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 66.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| 65° | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 63.75° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| 62.5° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 61.25° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 60° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 58.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| 57.5° | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 56.25° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| 55° | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 53.75° | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 |
| 52.5° | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 51.25° | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 |
| 50° | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 48.75° | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 |
| 47.5° | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 11 | 11 | 11 |
| 46.25° | 9 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 12 |
| 45° | 10 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 43.75° | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 13 |
| 42.5° | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 |
| 41.25° | 12 | 12 | 13 | 14 | 14 | 14 | 15 | 15 | 16 | 17 | 18 |
| 40° | 13 | 14 | 14 | 15 | 15 | 17 | 19 | 21 | 23 | 24 | 26 |
| 38.75° | 15 | 15 | 16 | 19 | 21 | 24 | 26 | 28 | 30 | 31 | 32 |
| 37.5° | 17 | 20 | 23 | 25 | 28 | 30 | 32 | 34 | 36 | 38 | 39 |
| 36.25° | 23 | 26 | 29 | 32 | 34 | 36 | 39 | 41 | 42 | 44 | 46 |
| 35° | 29 | 32 | 35 | 38 | 40 | 43 | 45 | 48 | 50 | 53 | 55 |



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CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| 33.75° | 34 | 38 | 41 | 43 | 47 | 50 | 53 | 56 | 59 | 61 | 68 |
| 32.5° | 40 | 43 | 47 | 51 | 55 | 58 | 61 | 72 | 81 | 90 | 97 |
| 31.25° | 46 | 50 | 55 | 59 | 65 | 78 | 89 | 100 | 110 | 119 | 137 |
| 30° | 53 | 58 | 64 | 78 | 92 | 105 | 117 | 142 | 178 | 211 | 241 |
| 28.75° | 60 | 73 | 89 | 104 | 118 | 155 | 199 | 241 | 278 | 313 | 345 |
| 27.5° | 80 | 97 | 114 | 146 | 199 | 249 | 295 | 338 | 389 | 435 | 477 |
| 26.25° | 103 | 121 | 177 | 235 | 290 | 342 | 404 | 462 | 517 | 566 | 611 |
| 25° | 135 | 200 | 262 | 322 | 390 | 460 | 526 | 589 | 647 | 698 | 742 |
| 23.75° | 213 | 281 | 348 | 427 | 504 | 579 | 649 | 712 | 769 | 816 | 857 |
| 22.5° | 290 | 366 | 452 | 537 | 619 | 696 | 764 | 823 | 875 | 914 | 949 |
| 21.25° | 372 | 465 | 556 | 646 | 728 | 801 | 865 | 915 | 958 | 986 | 1012 |
| 20° | 465 | 563 | 660 | 748 | 825 | 892 | 945 | 983 | 1015 | 1045 | 1078 |
| 18.75° | 556 | 660 | 754 | 837 | 907 | 962 | 1001 | 1038 | 1077 | 1122 | 1173 |
| 17.5° | 646 | 748 | 837 | 912 | 969 | 1012 | 1053 | 1105 | 1164 | 1229 | 1304 |
| 16.25° | 728 | 825 | 907 | 969 | 1016 | 1061 | 1122 | 1196 | 1281 | 1371 | 1481 |
| 15° | 801 | 892 | 962 | 1012 | 1061 | 1128 | 1212 | 1314 | 1432 | 1561 | 1708 |
| 13.75° | 865 | 945 | 1001 | 1053 | 1122 | 1212 | 1325 | 1462 | 1622 | 1795 | 1996 |
| 12.5° | 915 | 983 | 1038 | 1105 | 1196 | 1314 | 1462 | 1642 | 1850 | 2083 | 2321 |
| 11.25° | 958 | 1015 | 1077 | 1164 | 1281 | 1432 | 1622 | 1850 | 2115 | 2388 | 2683 |
| 10° | 986 | 1045 | 1122 | 1229 | 1371 | 1561 | 1795 | 2083 | 2388 | 2725 | 3061 |
| 8.75° | 1012 | 1078 | 1173 | 1304 | 1481 | 1708 | 1996 | 2321 | 2683 | 3061 | 3446 |
| 7.5° | 1034 | 1112 | 1222 | 1374 | 1586 | 1857 | 2189 | 2560 | 2967 | 3391 | 3822 |
| 6.25° | 1054 | 1143 | 1274 | 1454 | 1693 | 2005 | 2366 | 2783 | 3229 | 3699 | 4171 |
| 5° | 1074 | 1176 | 1321 | 1521 | 1785 | 2136 | 2535 | 2985 | 3468 | 3974 | 4480 |
| 3.75° | 1092 | 1203 | 1358 | 1579 | 1876 | 2246 | 2674 | 3148 | 3665 | 4201 | 4734 |
| 2.5° | 1105 | 1222 | 1389 | 1627 | 1943 | 2326 | 2776 | 3275 | 3814 | 4371 | 4924 |
| 1.25° | 1113 | 1233 | 1410 | 1657 | 1983 | 2375 | 2842 | 3354 | 3906 | 4476 | 5040 |
| 0° | 1116 | 1237 | 1418 | 1666 | 1997 | 2391 | 2864 | 3381 | 3937 | 4512 | 5079 |
| -1.25° | 1113 | 1233 | 1410 | 1657 | 1983 | 2375 | 2842 | 3354 | 3906 | 4476 | 5040 |
| -2.5° | 1105 | 1222 | 1389 | 1627 | 1943 | 2326 | 2776 | 3275 | 3814 | 4371 | 4924 |
| -3.75° | 1092 | 1203 | 1358 | 1579 | 1876 | 2246 | 2674 | 3148 | 3665 | 4201 | 4734 |
| -5° | 1074 | 1176 | 1321 | 1521 | 1785 | 2136 | 2535 | 2985 | 3468 | 3974 | 4480 |
| -6.25° | 1054 | 1143 | 1274 | 1454 | 1693 | 2005 | 2366 | 2783 | 3229 | 3699 | 4171 |
| -7.5° | 1034 | 1112 | 1222 | 1374 | 1586 | 1857 | 2189 | 2560 | 2967 | 3391 | 3822 |
| -8.75° | 1012 | 1078 | 1173 | 1304 | 1481 | 1708 | 1996 | 2321 | 2683 | 3061 | 3446 |
| -10° | 986 | 1045 | 1122 | 1229 | 1371 | 1561 | 1795 | 2083 | 2388 | 2725 | 3061 |
| -11.25° | 958 | 1015 | 1077 | 1164 | 1281 | 1432 | 1622 | 1850 | 2115 | 2388 | 2683 |
| -12.5° | 915 | 983 | 1038 | 1105 | 1196 | 1314 | 1462 | 1642 | 1850 | 2083 | 2321 |
| -13.75° | 865 | 945 | 1001 | 1053 | 1122 | 1212 | 1325 | 1462 | 1622 | 1795 | 1996 |
| -15° | 801 | 892 | 962 | 1012 | 1061 | 1128 | 1212 | 1314 | 1432 | 1561 | 1708 |
| -16.25° | 728 | 825 | 907 | 969 | 1016 | 1061 | 1122 | 1196 | 1281 | 1371 | 1481 |
| -17.5° | 646 | 748 | 837 | 912 | 969 | 1012 | 1053 | 1105 | 1164 | 1229 | 1304 |
| -18.75° | 556 | 660 | 754 | 837 | 907 | 962 | 1001 | 1038 | 1077 | 1122 | 1173 |
| -20° | 465 | 563 | 660 | 748 | 825 | 892 | 945 | 983 | 1015 | 1045 | 1078 |
| -21.25° | 372 | 465 | 556 | 646 | 728 | 801 | 865 | 915 | 958 | 986 | 1012 |



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 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -22.5° | 290 | 366 | 452 | 537 | 619 | 696 | 764 | 823 | 875 | 914 | 949 |
| -23.75° | 213 | 281 | 348 | 427 | 504 | 579 | 649 | 712 | 769 | 816 | 857 |
| -25° | 135 | 200 | 262 | 322 | 390 | 460 | 526 | 589 | 647 | 698 | 742 |
| -26.25° | 103 | 121 | 177 | 235 | 290 | 342 | 404 | 462 | 517 | 566 | 611 |
| -27.5° | 80 | 97 | 114 | 146 | 199 | 249 | 295 | 338 | 389 | 435 | 477 |
| -28.75° | 60 | 73 | 89 | 104 | 118 | 155 | 199 | 241 | 278 | 313 | 345 |
| -30° | 53 | 58 | 64 | 78 | 92 | 105 | 117 | 142 | 178 | 211 | 241 |
| -31.25° | 46 | 50 | 55 | 59 | 65 | 78 | 89 | 100 | 110 | 119 | 137 |
| -32.5° | 40 | 43 | 47 | 51 | 55 | 58 | 61 | 72 | 81 | 90 | 97 |
| -33.75° | 34 | 38 | 41 | 43 | 47 | 50 | 53 | 56 | 59 | 61 | 68 |
| -35° | 29 | 32 | 35 | 38 | 40 | 43 | 45 | 48 | 50 | 53 | 55 |
| -36.25° | 23 | 26 | 29 | 32 | 34 | 36 | 39 | 41 | 42 | 44 | 46 |
| -37.5° | 17 | 20 | 23 | 25 | 28 | 30 | 32 | 34 | 36 | 38 | 39 |
| -38.75° | 15 | 15 | 16 | 19 | 21 | 24 | 26 | 28 | 30 | 31 | 32 |
| -40° | 13 | 14 | 14 | 15 | 15 | 17 | 19 | 21 | 23 | 24 | 26 |
| -41.25° | 12 | 12 | 13 | 14 | 14 | 14 | 15 | 15 | 16 | 17 | 18 |
| -42.5° | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 15 |
| -43.75° | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 13 |
| -45° | 10 | 11 | 11 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| -46.25° | 9 | 10 | 10 | 10 | 11 | 11 | 11 | 11 | 11 | 12 | 12 |
| -47.5° | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 | 11 | 11 | 11 |
| -48.75° | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 |
| -50° | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| -51.25° | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 9 |
| -52.5° | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| -53.75° | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 |
| -55° | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| -56.25° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| -57.5° | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| -58.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| -60° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -61.25° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -62.5° | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -63.75° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| -65° | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| -66.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| -67.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -68.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -70° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| -72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -77.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -21.25° | -20° | -18.75° | -17.5° | -16.25° | -15° | -13.75° | -12.5° | -11.25° | -10° | -8.75° |
|---------|---------|------|---------|--------|---------|------|---------|--------|---------|------|--------|
| -78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|--------|-------|--------|-----|--------|-------|--------|----|-------|------|-------|----|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 78.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 77.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 71.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 70° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 68.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 67.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 66.25° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 65° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 63.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 62.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 61.25° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 60° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 58.75° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 57.5° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 56.25° | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 55° | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 53.75° | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 52.5° | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 51.25° | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 50° | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 48.75° | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 47.5° | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 46.25° | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| 45° | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 12 | 12 | 12 | 12 |
| 43.75° | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| 42.5° | 15 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 15 | 15 |
| 41.25° | 20 | 21 | 21 | 22 | 22 | 23 | 23 | 23 | 22 | 22 | 21 |
| 40° | 27 | 28 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 29 | 29 |
| 38.75° | 34 | 35 | 35 | 36 | 36 | 37 | 37 | 37 | 36 | 36 | 35 |
| 37.5° | 40 | 41 | 42 | 43 | 43 | 44 | 44 | 44 | 43 | 43 | 42 |
| 36.25° | 48 | 49 | 50 | 51 | 52 | 52 | 52 | 52 | 52 | 51 | 50 |
| 35° | 56 | 58 | 59 | 60 | 61 | 61 | 61 | 61 | 61 | 60 | 59 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| 33.75° | 74 | 80 | 84 | 87 | 90 | 91 | 92 | 91 | 90 | 87 | 84 |
| 32.5° | 104 | 110 | 114 | 118 | 121 | 122 | 123 | 122 | 121 | 118 | 114 |
| 31.25° | 162 | 183 | 200 | 213 | 223 | 229 | 231 | 229 | 223 | 213 | 200 |
| 30° | 266 | 288 | 306 | 320 | 331 | 337 | 339 | 337 | 331 | 320 | 306 |
| 28.75° | 379 | 409 | 433 | 452 | 466 | 474 | 477 | 474 | 466 | 452 | 433 |
| 27.5° | 514 | 545 | 572 | 593 | 608 | 617 | 620 | 617 | 608 | 593 | 572 |
| 26.25° | 651 | 684 | 710 | 731 | 745 | 754 | 757 | 754 | 745 | 731 | 710 |
| 25° | 780 | 810 | 834 | 853 | 867 | 875 | 878 | 875 | 867 | 853 | 834 |
| 23.75° | 890 | 915 | 935 | 952 | 960 | 965 | 967 | 965 | 960 | 952 | 935 |
| 22.5° | 972 | 990 | 1006 | 1018 | 1026 | 1031 | 1033 | 1031 | 1026 | 1018 | 1006 |
| 21.25° | 1034 | 1054 | 1074 | 1092 | 1105 | 1113 | 1116 | 1113 | 1105 | 1092 | 1074 |
| 20° | 1112 | 1143 | 1176 | 1203 | 1222 | 1233 | 1237 | 1233 | 1222 | 1203 | 1176 |
| 18.75° | 1222 | 1274 | 1321 | 1358 | 1389 | 1410 | 1418 | 1410 | 1389 | 1358 | 1321 |
| 17.5° | 1374 | 1454 | 1521 | 1579 | 1627 | 1657 | 1666 | 1657 | 1627 | 1579 | 1521 |
| 16.25° | 1586 | 1693 | 1785 | 1876 | 1943 | 1983 | 1997 | 1983 | 1943 | 1876 | 1785 |
| 15° | 1857 | 2005 | 2136 | 2246 | 2326 | 2375 | 2391 | 2375 | 2326 | 2246 | 2136 |
| 13.75° | 2189 | 2366 | 2535 | 2674 | 2776 | 2842 | 2864 | 2842 | 2776 | 2674 | 2535 |
| 12.5° | 2560 | 2783 | 2985 | 3148 | 3275 | 3354 | 3381 | 3354 | 3275 | 3148 | 2985 |
| 11.25° | 2967 | 3229 | 3468 | 3665 | 3814 | 3906 | 3937 | 3906 | 3814 | 3665 | 3468 |
| 10° | 3391 | 3699 | 3974 | 4201 | 4371 | 4476 | 4512 | 4476 | 4371 | 4201 | 3974 |
| 8.75° | 3822 | 4171 | 4480 | 4734 | 4924 | 5040 | 5079 | 5040 | 4924 | 4734 | 4480 |
| 7.5° | 4239 | 4625 | 4966 | 5241 | 5447 | 5567 | 5609 | 5567 | 5447 | 5241 | 4966 |
| 6.25° | 4625 | 5043 | 5409 | 5695 | 5904 | 6030 | 6073 | 6030 | 5904 | 5695 | 5409 |
| 5° | 4966 | 5409 | 5782 | 6074 | 6283 | 6412 | 6457 | 6412 | 6283 | 6074 | 5782 |
| 3.75° | 5241 | 5695 | 6074 | 6368 | 6578 | 6712 | 6752 | 6712 | 6578 | 6368 | 6074 |
| 2.5° | 5447 | 5904 | 6283 | 6578 | 6794 | 6924 | 6958 | 6924 | 6794 | 6578 | 6283 |
| 1.25° | 5567 | 6030 | 6412 | 6712 | 6924 | 7033 | 7072 | 7033 | 6924 | 6712 | 6412 |
| 0° | 5609 | 6073 | 6457 | 6752 | 6958 | 7072 | 7134 | 7072 | 6958 | 6752 | 6457 |
| -1.25° | 5567 | 6030 | 6412 | 6712 | 6924 | 7033 | 7072 | 7033 | 6924 | 6712 | 6412 |
| -2.5° | 5447 | 5904 | 6283 | 6578 | 6794 | 6924 | 6958 | 6924 | 6794 | 6578 | 6283 |
| -3.75° | 5241 | 5695 | 6074 | 6368 | 6578 | 6712 | 6752 | 6712 | 6578 | 6368 | 6074 |
| -5° | 4966 | 5409 | 5782 | 6074 | 6283 | 6412 | 6457 | 6412 | 6283 | 6074 | 5782 |
| -6.25° | 4625 | 5043 | 5409 | 5695 | 5904 | 6030 | 6073 | 6030 | 5904 | 5695 | 5409 |
| -7.5° | 4239 | 4625 | 4966 | 5241 | 5447 | 5567 | 5609 | 5567 | 5447 | 5241 | 4966 |
| -8.75° | 3822 | 4171 | 4480 | 4734 | 4924 | 5040 | 5079 | 5040 | 4924 | 4734 | 4480 |
| -10° | 3391 | 3699 | 3974 | 4201 | 4371 | 4476 | 4512 | 4476 | 4371 | 4201 | 3974 |
| -11.25° | 2967 | 3229 | 3468 | 3665 | 3814 | 3906 | 3937 | 3906 | 3814 | 3665 | 3468 |
| -12.5° | 2560 | 2783 | 2985 | 3148 | 3275 | 3354 | 3381 | 3354 | 3275 | 3148 | 2985 |
| -13.75° | 2189 | 2366 | 2535 | 2674 | 2776 | 2842 | 2864 | 2842 | 2776 | 2674 | 2535 |
| -15° | 1857 | 2005 | 2136 | 2246 | 2326 | 2375 | 2391 | 2375 | 2326 | 2246 | 2136 |
| -16.25° | 1586 | 1693 | 1785 | 1876 | 1943 | 1983 | 1997 | 1983 | 1943 | 1876 | 1785 |
| -17.5° | 1374 | 1454 | 1521 | 1579 | 1627 | 1657 | 1666 | 1657 | 1627 | 1579 | 1521 |
| -18.75° | 1222 | 1274 | 1321 | 1358 | 1389 | 1410 | 1418 | 1410 | 1389 | 1358 | 1321 |
| -20° | 1112 | 1143 | 1176 | 1203 | 1222 | 1233 | 1237 | 1233 | 1222 | 1203 | 1176 |
| -21.25° | 1034 | 1054 | 1074 | 1092 | 1105 | 1113 | 1116 | 1113 | 1105 | 1092 | 1074 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|------|--------|-------|--------|------|-------|------|-------|------|
| -22.5° | 972 | 990 | 1006 | 1018 | 1026 | 1031 | 1033 | 1031 | 1026 | 1018 | 1006 |
| -23.75° | 890 | 915 | 935 | 952 | 960 | 965 | 967 | 965 | 960 | 952 | 935 |
| -25° | 780 | 810 | 834 | 853 | 867 | 875 | 878 | 875 | 867 | 853 | 834 |
| -26.25° | 651 | 684 | 710 | 731 | 745 | 754 | 757 | 754 | 745 | 731 | 710 |
| -27.5° | 514 | 545 | 572 | 593 | 608 | 617 | 620 | 617 | 608 | 593 | 572 |
| -28.75° | 379 | 409 | 433 | 452 | 466 | 474 | 477 | 474 | 466 | 452 | 433 |
| -30° | 266 | 288 | 306 | 320 | 331 | 337 | 339 | 337 | 331 | 320 | 306 |
| -31.25° | 162 | 183 | 200 | 213 | 223 | 229 | 231 | 229 | 223 | 213 | 200 |
| -32.5° | 104 | 110 | 114 | 118 | 121 | 122 | 123 | 122 | 121 | 118 | 114 |
| -33.75° | 74 | 80 | 84 | 87 | 90 | 91 | 92 | 91 | 90 | 87 | 84 |
| -35° | 56 | 58 | 59 | 60 | 61 | 61 | 61 | 61 | 61 | 60 | 59 |
| -36.25° | 48 | 49 | 50 | 51 | 52 | 52 | 52 | 52 | 52 | 51 | 50 |
| -37.5° | 40 | 41 | 42 | 43 | 43 | 44 | 44 | 44 | 43 | 43 | 42 |
| -38.75° | 34 | 35 | 35 | 36 | 36 | 37 | 37 | 37 | 36 | 36 | 35 |
| -40° | 27 | 28 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 29 | 29 |
| -41.25° | 20 | 21 | 21 | 22 | 22 | 23 | 23 | 23 | 22 | 22 | 21 |
| -42.5° | 15 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 15 | 15 |
| -43.75° | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| -45° | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 12 | 12 | 12 | 12 |
| -46.25° | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| -47.5° | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| -48.75° | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| -50° | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| -51.25° | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| -52.5° | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| -53.75° | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| -55° | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| -56.25° | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| -57.5° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| -58.75° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| -60° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -61.25° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -62.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -63.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -65° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| -66.25° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| -67.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -68.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -70° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -71.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -77.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | -7.5° | -6.25° | -5° | -3.75° | -2.5° | -1.25° | 0° | 1.25° | 2.5° | 3.75° | 5° |
|---------|-------|--------|-----|--------|-------|--------|----|-------|------|-------|----|
| -78.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|--------|-------|------|-------|-----|--------|-------|--------|-----|--------|-------|--------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 78.75° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 71.25° | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 70° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 68.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 67.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 66.25° | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 65° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 63.75° | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 62.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 61.25° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 60° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 58.75° | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 57.5° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 |
| 56.25° | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 55° | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 |
| 53.75° | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 52.5° | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 |
| 51.25° | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 50° | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 |
| 48.75° | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 9 |
| 47.5° | 11 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 9 | 9 |
| 46.25° | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 10 | 10 |
| 45° | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 |
| 43.75° | 14 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 12 |
| 42.5° | 15 | 15 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 |
| 41.25° | 21 | 20 | 18 | 17 | 16 | 15 | 15 | 14 | 14 | 14 | 13 |
| 40° | 28 | 27 | 26 | 24 | 23 | 21 | 19 | 17 | 15 | 15 | 14 |
| 38.75° | 35 | 34 | 32 | 31 | 30 | 28 | 26 | 24 | 21 | 19 | 16 |
| 37.5° | 41 | 40 | 39 | 38 | 36 | 34 | 32 | 30 | 28 | 25 | 23 |
| 36.25° | 49 | 48 | 46 | 44 | 42 | 41 | 39 | 36 | 34 | 32 | 29 |
| 35° | 58 | 56 | 55 | 53 | 50 | 48 | 45 | 43 | 40 | 38 | 35 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|------|--------|-------|--------|------|--------|-------|--------|
| 33.75° | 80 | 74 | 68 | 61 | 59 | 56 | 53 | 50 | 47 | 43 | 41 |
| 32.5° | 110 | 104 | 97 | 90 | 81 | 72 | 61 | 58 | 55 | 51 | 47 |
| 31.25° | 183 | 162 | 137 | 119 | 110 | 100 | 89 | 78 | 65 | 59 | 55 |
| 30° | 288 | 266 | 241 | 211 | 178 | 142 | 117 | 105 | 92 | 78 | 64 |
| 28.75° | 409 | 379 | 345 | 313 | 278 | 241 | 199 | 155 | 118 | 104 | 89 |
| 27.5° | 545 | 514 | 477 | 435 | 389 | 338 | 295 | 249 | 199 | 146 | 114 |
| 26.25° | 684 | 651 | 611 | 566 | 517 | 462 | 404 | 342 | 290 | 235 | 177 |
| 25° | 810 | 780 | 742 | 698 | 647 | 589 | 526 | 460 | 390 | 322 | 262 |
| 23.75° | 915 | 890 | 857 | 816 | 769 | 712 | 649 | 579 | 504 | 427 | 348 |
| 22.5° | 990 | 972 | 949 | 914 | 875 | 823 | 764 | 696 | 619 | 537 | 452 |
| 21.25° | 1054 | 1034 | 1012 | 986 | 958 | 915 | 865 | 801 | 728 | 646 | 556 |
| 20° | 1143 | 1112 | 1078 | 1045 | 1015 | 983 | 945 | 892 | 825 | 748 | 660 |
| 18.75° | 1274 | 1222 | 1173 | 1122 | 1077 | 1038 | 1001 | 962 | 907 | 837 | 754 |
| 17.5° | 1454 | 1374 | 1304 | 1229 | 1164 | 1105 | 1053 | 1012 | 969 | 912 | 837 |
| 16.25° | 1693 | 1586 | 1481 | 1371 | 1281 | 1196 | 1122 | 1061 | 1016 | 969 | 907 |
| 15° | 2005 | 1857 | 1708 | 1561 | 1432 | 1314 | 1212 | 1128 | 1061 | 1012 | 962 |
| 13.75° | 2366 | 2189 | 1996 | 1795 | 1622 | 1462 | 1325 | 1212 | 1122 | 1053 | 1001 |
| 12.5° | 2783 | 2560 | 2321 | 2083 | 1850 | 1642 | 1462 | 1314 | 1196 | 1105 | 1038 |
| 11.25° | 3229 | 2967 | 2683 | 2388 | 2115 | 1850 | 1622 | 1432 | 1281 | 1164 | 1077 |
| 10° | 3699 | 3391 | 3061 | 2725 | 2388 | 2083 | 1795 | 1561 | 1371 | 1229 | 1122 |
| 8.75° | 4171 | 3822 | 3446 | 3061 | 2683 | 2321 | 1996 | 1708 | 1481 | 1304 | 1173 |
| 7.5° | 4625 | 4239 | 3822 | 3391 | 2967 | 2560 | 2189 | 1857 | 1586 | 1374 | 1222 |
| 6.25° | 5043 | 4625 | 4171 | 3699 | 3229 | 2783 | 2366 | 2005 | 1693 | 1454 | 1274 |
| 5° | 5409 | 4966 | 4480 | 3974 | 3468 | 2985 | 2535 | 2136 | 1785 | 1521 | 1321 |
| 3.75° | 5695 | 5241 | 4734 | 4201 | 3665 | 3148 | 2674 | 2246 | 1876 | 1579 | 1358 |
| 2.5° | 5904 | 5447 | 4924 | 4371 | 3814 | 3275 | 2776 | 2326 | 1943 | 1627 | 1389 |
| 1.25° | 6030 | 5567 | 5040 | 4476 | 3906 | 3354 | 2842 | 2375 | 1983 | 1657 | 1410 |
| 0° | 6073 | 5609 | 5079 | 4512 | 3937 | 3381 | 2864 | 2391 | 1997 | 1666 | 1418 |
| -1.25° | 6030 | 5567 | 5040 | 4476 | 3906 | 3354 | 2842 | 2375 | 1983 | 1657 | 1410 |
| -2.5° | 5904 | 5447 | 4924 | 4371 | 3814 | 3275 | 2776 | 2326 | 1943 | 1627 | 1389 |
| -3.75° | 5695 | 5241 | 4734 | 4201 | 3665 | 3148 | 2674 | 2246 | 1876 | 1579 | 1358 |
| -5° | 5409 | 4966 | 4480 | 3974 | 3468 | 2985 | 2535 | 2136 | 1785 | 1521 | 1321 |
| -6.25° | 5043 | 4625 | 4171 | 3699 | 3229 | 2783 | 2366 | 2005 | 1693 | 1454 | 1274 |
| -7.5° | 4625 | 4239 | 3822 | 3391 | 2967 | 2560 | 2189 | 1857 | 1586 | 1374 | 1222 |
| -8.75° | 4171 | 3822 | 3446 | 3061 | 2683 | 2321 | 1996 | 1708 | 1481 | 1304 | 1173 |
| -10° | 3699 | 3391 | 3061 | 2725 | 2388 | 2083 | 1795 | 1561 | 1371 | 1229 | 1122 |
| -11.25° | 3229 | 2967 | 2683 | 2388 | 2115 | 1850 | 1622 | 1432 | 1281 | 1164 | 1077 |
| -12.5° | 2783 | 2560 | 2321 | 2083 | 1850 | 1642 | 1462 | 1314 | 1196 | 1105 | 1038 |
| -13.75° | 2366 | 2189 | 1996 | 1795 | 1622 | 1462 | 1325 | 1212 | 1122 | 1053 | 1001 |
| -15° | 2005 | 1857 | 1708 | 1561 | 1432 | 1314 | 1212 | 1128 | 1061 | 1012 | 962 |
| -16.25° | 1693 | 1586 | 1481 | 1371 | 1281 | 1196 | 1122 | 1061 | 1016 | 969 | 907 |
| -17.5° | 1454 | 1374 | 1304 | 1229 | 1164 | 1105 | 1053 | 1012 | 969 | 912 | 837 |
| -18.75° | 1274 | 1222 | 1173 | 1122 | 1077 | 1038 | 1001 | 962 | 907 | 837 | 754 |
| -20° | 1143 | 1112 | 1078 | 1045 | 1015 | 983 | 945 | 892 | 825 | 748 | 660 |
| -21.25° | 1054 | 1034 | 1012 | 986 | 958 | 915 | 865 | 801 | 728 | 646 | 556 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|-----|--------|-------|--------|-----|--------|-------|--------|
| -22.5° | 990 | 972 | 949 | 914 | 875 | 823 | 764 | 696 | 619 | 537 | 452 |
| -23.75° | 915 | 890 | 857 | 816 | 769 | 712 | 649 | 579 | 504 | 427 | 348 |
| -25° | 810 | 780 | 742 | 698 | 647 | 589 | 526 | 460 | 390 | 322 | 262 |
| -26.25° | 684 | 651 | 611 | 566 | 517 | 462 | 404 | 342 | 290 | 235 | 177 |
| -27.5° | 545 | 514 | 477 | 435 | 389 | 338 | 295 | 249 | 199 | 146 | 114 |
| -28.75° | 409 | 379 | 345 | 313 | 278 | 241 | 199 | 155 | 118 | 104 | 89 |
| -30° | 288 | 266 | 241 | 211 | 178 | 142 | 117 | 105 | 92 | 78 | 64 |
| -31.25° | 183 | 162 | 137 | 119 | 110 | 100 | 89 | 78 | 65 | 59 | 55 |
| -32.5° | 110 | 104 | 97 | 90 | 81 | 72 | 61 | 58 | 55 | 51 | 47 |
| -33.75° | 80 | 74 | 68 | 61 | 59 | 56 | 53 | 50 | 47 | 43 | 41 |
| -35° | 58 | 56 | 55 | 53 | 50 | 48 | 45 | 43 | 40 | 38 | 35 |
| -36.25° | 49 | 48 | 46 | 44 | 42 | 41 | 39 | 36 | 34 | 32 | 29 |
| -37.5° | 41 | 40 | 39 | 38 | 36 | 34 | 32 | 30 | 28 | 25 | 23 |
| -38.75° | 35 | 34 | 32 | 31 | 30 | 28 | 26 | 24 | 21 | 19 | 16 |
| -40° | 28 | 27 | 26 | 24 | 23 | 21 | 19 | 17 | 15 | 15 | 14 |
| -41.25° | 21 | 20 | 18 | 17 | 16 | 15 | 15 | 14 | 14 | 14 | 13 |
| -42.5° | 15 | 15 | 15 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 12 |
| -43.75° | 14 | 13 | 13 | 13 | 13 | 12 | 12 | 12 | 12 | 12 | 12 |
| -45° | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 11 | 11 |
| -46.25° | 12 | 12 | 12 | 12 | 11 | 11 | 11 | 11 | 11 | 10 | 10 |
| -47.5° | 11 | 11 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 9 | 9 |
| -48.75° | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 | 9 |
| -50° | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 |
| -51.25° | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| -52.5° | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 |
| -53.75° | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| -55° | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 |
| -56.25° | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| -57.5° | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 |
| -58.75° | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -60° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -61.25° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -62.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -63.75° | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| -65° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| -66.25° | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -67.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -68.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -70° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -71.25° | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -77.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 6.25° | 7.5° | 8.75° | 10° | 11.25° | 12.5° | 13.75° | 15° | 16.25° | 17.5° | 18.75° |
|---------|-------|------|-------|-----|--------|-------|--------|-----|--------|-------|--------|
| -78.75° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77.5° | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| 76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 70° | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 68.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 67.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 66.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 65° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 63.75° | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| 62.5° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |
| 61.25° | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 |
| 60° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 58.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 57.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 56.25° | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 55° | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| 53.75° | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 |
| 52.5° | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 |
| 51.25° | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 |
| 50° | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 6 |
| 48.75° | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 |
| 47.5° | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 7 | 7 |
| 46.25° | 10 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 |
| 45° | 11 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 8 | 8 | 8 |
| 43.75° | 12 | 11 | 11 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 8 |
| 42.5° | 12 | 12 | 12 | 11 | 11 | 10 | 10 | 10 | 9 | 9 | 9 |
| 41.25° | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 10 | 10 | 9 | 9 |
| 40° | 14 | 13 | 13 | 12 | 12 | 12 | 12 | 11 | 11 | 10 | 10 |
| 38.75° | 15 | 15 | 14 | 13 | 12 | 12 | 12 | 12 | 11 | 11 | 10 |
| 37.5° | 20 | 17 | 15 | 14 | 14 | 13 | 12 | 12 | 12 | 11 | 11 |
| 36.25° | 26 | 23 | 19 | 16 | 15 | 14 | 13 | 12 | 12 | 12 | 12 |
| 35° | 32 | 29 | 25 | 22 | 18 | 15 | 14 | 14 | 13 | 12 | 12 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 33.75° | 38 | 34 | 31 | 28 | 24 | 20 | 16 | 15 | 14 | 13 | 12 |
| 32.5° | 43 | 40 | 37 | 33 | 29 | 25 | 21 | 17 | 15 | 14 | 13 |
| 31.25° | 50 | 46 | 42 | 38 | 34 | 30 | 26 | 22 | 17 | 15 | 14 |
| 30° | 58 | 53 | 48 | 43 | 39 | 35 | 31 | 27 | 22 | 17 | 15 |
| 28.75° | 73 | 60 | 55 | 50 | 44 | 40 | 36 | 31 | 27 | 22 | 17 |
| 27.5° | 97 | 80 | 62 | 56 | 51 | 45 | 40 | 36 | 31 | 26 | 21 |
| 26.25° | 121 | 103 | 85 | 66 | 57 | 51 | 45 | 40 | 35 | 30 | 25 |
| 25° | 200 | 135 | 107 | 87 | 67 | 57 | 51 | 44 | 39 | 34 | 29 |
| 23.75° | 281 | 213 | 143 | 108 | 87 | 66 | 56 | 50 | 43 | 38 | 33 |
| 22.5° | 366 | 290 | 218 | 143 | 107 | 85 | 62 | 55 | 48 | 42 | 37 |
| 21.25° | 465 | 372 | 290 | 213 | 135 | 103 | 80 | 60 | 53 | 46 | 40 |
| 20° | 563 | 465 | 366 | 281 | 200 | 121 | 97 | 73 | 58 | 50 | 43 |
| 18.75° | 660 | 556 | 452 | 348 | 262 | 177 | 114 | 89 | 64 | 55 | 47 |
| 17.5° | 748 | 646 | 537 | 427 | 322 | 235 | 146 | 104 | 78 | 59 | 51 |
| 16.25° | 825 | 728 | 619 | 504 | 390 | 290 | 199 | 118 | 92 | 65 | 55 |
| 15° | 892 | 801 | 696 | 579 | 460 | 342 | 249 | 155 | 105 | 78 | 58 |
| 13.75° | 945 | 865 | 764 | 649 | 526 | 404 | 295 | 199 | 117 | 89 | 61 |
| 12.5° | 983 | 915 | 823 | 712 | 589 | 462 | 338 | 241 | 142 | 100 | 72 |
| 11.25° | 1015 | 958 | 875 | 769 | 647 | 517 | 389 | 278 | 178 | 110 | 81 |
| 10° | 1045 | 986 | 914 | 816 | 698 | 566 | 435 | 313 | 211 | 119 | 90 |
| 8.75° | 1078 | 1012 | 949 | 857 | 742 | 611 | 477 | 345 | 241 | 137 | 97 |
| 7.5° | 1112 | 1034 | 972 | 890 | 780 | 651 | 514 | 379 | 266 | 162 | 104 |
| 6.25° | 1143 | 1054 | 990 | 915 | 810 | 684 | 545 | 409 | 288 | 183 | 110 |
| 5° | 1176 | 1074 | 1006 | 935 | 834 | 710 | 572 | 433 | 306 | 200 | 114 |
| 3.75° | 1203 | 1092 | 1018 | 952 | 853 | 731 | 593 | 452 | 320 | 213 | 118 |
| 2.5° | 1222 | 1105 | 1026 | 960 | 867 | 745 | 608 | 466 | 331 | 223 | 121 |
| 1.25° | 1233 | 1113 | 1031 | 965 | 875 | 754 | 617 | 474 | 337 | 229 | 122 |
| 0° | 1237 | 1116 | 1033 | 967 | 878 | 757 | 620 | 477 | 339 | 231 | 123 |
| -1.25° | 1233 | 1113 | 1031 | 965 | 875 | 754 | 617 | 474 | 337 | 229 | 122 |
| -2.5° | 1222 | 1105 | 1026 | 960 | 867 | 745 | 608 | 466 | 331 | 223 | 121 |
| -3.75° | 1203 | 1092 | 1018 | 952 | 853 | 731 | 593 | 452 | 320 | 213 | 118 |
| -5° | 1176 | 1074 | 1006 | 935 | 834 | 710 | 572 | 433 | 306 | 200 | 114 |
| -6.25° | 1143 | 1054 | 990 | 915 | 810 | 684 | 545 | 409 | 288 | 183 | 110 |
| -7.5° | 1112 | 1034 | 972 | 890 | 780 | 651 | 514 | 379 | 266 | 162 | 104 |
| -8.75° | 1078 | 1012 | 949 | 857 | 742 | 611 | 477 | 345 | 241 | 137 | 97 |
| -10° | 1045 | 986 | 914 | 816 | 698 | 566 | 435 | 313 | 211 | 119 | 90 |
| -11.25° | 1015 | 958 | 875 | 769 | 647 | 517 | 389 | 278 | 178 | 110 | 81 |
| -12.5° | 983 | 915 | 823 | 712 | 589 | 462 | 338 | 241 | 142 | 100 | 72 |
| -13.75° | 945 | 865 | 764 | 649 | 526 | 404 | 295 | 199 | 117 | 89 | 61 |
| -15° | 892 | 801 | 696 | 579 | 460 | 342 | 249 | 155 | 105 | 78 | 58 |
| -16.25° | 825 | 728 | 619 | 504 | 390 | 290 | 199 | 118 | 92 | 65 | 55 |
| -17.5° | 748 | 646 | 537 | 427 | 322 | 235 | 146 | 104 | 78 | 59 | 51 |
| -18.75° | 660 | 556 | 452 | 348 | 262 | 177 | 114 | 89 | 64 | 55 | 47 |
| -20° | 563 | 465 | 366 | 281 | 200 | 121 | 97 | 73 | 58 | 50 | 43 |
| -21.25° | 465 | 372 | 290 | 213 | 135 | 103 | 80 | 60 | 53 | 46 | 40 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -22.5° | 366 | 290 | 218 | 143 | 107 | 85 | 62 | 55 | 48 | 42 | 37 |
| -23.75° | 281 | 213 | 143 | 108 | 87 | 66 | 56 | 50 | 43 | 38 | 33 |
| -25° | 200 | 135 | 107 | 87 | 67 | 57 | 51 | 44 | 39 | 34 | 29 |
| -26.25° | 121 | 103 | 85 | 66 | 57 | 51 | 45 | 40 | 35 | 30 | 25 |
| -27.5° | 97 | 80 | 62 | 56 | 51 | 45 | 40 | 36 | 31 | 26 | 21 |
| -28.75° | 73 | 60 | 55 | 50 | 44 | 40 | 36 | 31 | 27 | 22 | 17 |
| -30° | 58 | 53 | 48 | 43 | 39 | 35 | 31 | 27 | 22 | 17 | 15 |
| -31.25° | 50 | 46 | 42 | 38 | 34 | 30 | 26 | 22 | 17 | 15 | 14 |
| -32.5° | 43 | 40 | 37 | 33 | 29 | 25 | 21 | 17 | 15 | 14 | 13 |
| -33.75° | 38 | 34 | 31 | 28 | 24 | 20 | 16 | 15 | 14 | 13 | 12 |
| -35° | 32 | 29 | 25 | 22 | 18 | 15 | 14 | 14 | 13 | 12 | 12 |
| -36.25° | 26 | 23 | 19 | 16 | 15 | 14 | 13 | 12 | 12 | 12 | 12 |
| -37.5° | 20 | 17 | 15 | 14 | 14 | 13 | 12 | 12 | 12 | 11 | 11 |
| -38.75° | 15 | 15 | 14 | 13 | 12 | 12 | 12 | 12 | 11 | 11 | 10 |
| -40° | 14 | 13 | 13 | 12 | 12 | 12 | 12 | 11 | 11 | 10 | 10 |
| -41.25° | 12 | 12 | 12 | 12 | 12 | 11 | 11 | 10 | 10 | 9 | 9 |
| -42.5° | 12 | 12 | 12 | 11 | 11 | 10 | 10 | 10 | 9 | 9 | 9 |
| -43.75° | 12 | 11 | 11 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 8 |
| -45° | 11 | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 8 | 8 | 8 |
| -46.25° | 10 | 9 | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 |
| -47.5° | 9 | 9 | 9 | 9 | 8 | 8 | 8 | 8 | 8 | 7 | 7 |
| -48.75° | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 |
| -50° | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 6 |
| -51.25° | 8 | 8 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 |
| -52.5° | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 |
| -53.75° | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 |
| -55° | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| -56.25° | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -57.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -58.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -60° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| -61.25° | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 |
| -62.5° | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |
| -63.75° | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| -65° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -66.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -67.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -68.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -70° | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -76.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -77.5° | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 20° | 21.25° | 22.5° | 23.75° | 25° | 26.25° | 27.5° | 28.75° | 30° | 31.25° | 32.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|--------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 76.25° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| 73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 70° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 68.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 67.5° | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 66.25° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 65° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| 63.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| 62.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 61.25° | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 60° | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 58.75° | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| 57.5° | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| 56.25° | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |
| 55° | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 3 |
| 53.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 52.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 |
| 51.25° | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| 50° | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 48.75° | 7 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 |
| 47.5° | 7 | 7 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| 46.25° | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 |
| 45° | 8 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 |
| 43.75° | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | 5 |
| 42.5° | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 | 6 | 5 |
| 41.25° | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 | 6 |
| 40° | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 |
| 38.75° | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 6 |
| 37.5° | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 |
| 36.25° | 11 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 |
| 35° | 12 | 11 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 7 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| 33.75° | 12 | 12 | 11 | 10 | 10 | 9 | 9 | 8 | 8 | 8 | 7 |
| 32.5° | 12 | 12 | 12 | 11 | 10 | 10 | 9 | 9 | 8 | 8 | 8 |
| 31.25° | 13 | 12 | 12 | 11 | 11 | 10 | 9 | 9 | 9 | 8 | 8 |
| 30° | 14 | 13 | 12 | 12 | 11 | 11 | 10 | 9 | 9 | 8 | 8 |
| 28.75° | 15 | 14 | 12 | 12 | 12 | 11 | 10 | 10 | 9 | 9 | 8 |
| 27.5° | 16 | 14 | 13 | 12 | 12 | 12 | 11 | 10 | 9 | 9 | 8 |
| 26.25° | 20 | 15 | 14 | 13 | 12 | 12 | 11 | 10 | 10 | 9 | 9 |
| 25° | 24 | 18 | 15 | 14 | 12 | 12 | 12 | 11 | 10 | 9 | 9 |
| 23.75° | 28 | 22 | 16 | 14 | 13 | 12 | 12 | 11 | 10 | 10 | 9 |
| 22.5° | 31 | 25 | 19 | 15 | 14 | 13 | 12 | 12 | 11 | 10 | 9 |
| 21.25° | 34 | 29 | 23 | 17 | 15 | 13 | 12 | 12 | 11 | 10 | 9 |
| 20° | 38 | 32 | 26 | 20 | 15 | 14 | 12 | 12 | 12 | 11 | 10 |
| 18.75° | 41 | 35 | 29 | 23 | 16 | 14 | 13 | 12 | 12 | 11 | 10 |
| 17.5° | 43 | 38 | 32 | 25 | 19 | 15 | 14 | 12 | 12 | 11 | 10 |
| 16.25° | 47 | 40 | 34 | 28 | 21 | 15 | 14 | 13 | 12 | 12 | 11 |
| 15° | 50 | 43 | 36 | 30 | 24 | 17 | 14 | 13 | 12 | 12 | 11 |
| 13.75° | 53 | 45 | 39 | 32 | 26 | 19 | 15 | 13 | 12 | 12 | 11 |
| 12.5° | 56 | 48 | 41 | 34 | 28 | 21 | 15 | 14 | 12 | 12 | 11 |
| 11.25° | 59 | 50 | 42 | 36 | 30 | 23 | 16 | 14 | 13 | 12 | 11 |
| 10° | 61 | 53 | 44 | 38 | 31 | 24 | 17 | 14 | 13 | 12 | 12 |
| 8.75° | 68 | 55 | 46 | 39 | 32 | 26 | 18 | 15 | 13 | 12 | 12 |
| 7.5° | 74 | 56 | 48 | 40 | 34 | 27 | 20 | 15 | 13 | 12 | 12 |
| 6.25° | 80 | 58 | 49 | 41 | 35 | 28 | 21 | 15 | 14 | 12 | 12 |
| 5° | 84 | 59 | 50 | 42 | 35 | 29 | 21 | 15 | 14 | 12 | 12 |
| 3.75° | 87 | 60 | 51 | 43 | 36 | 29 | 22 | 15 | 14 | 12 | 12 |
| 2.5° | 90 | 61 | 52 | 43 | 36 | 30 | 22 | 16 | 14 | 12 | 12 |
| 1.25° | 91 | 61 | 52 | 44 | 37 | 30 | 23 | 16 | 14 | 12 | 12 |
| 0° | 92 | 61 | 52 | 44 | 37 | 30 | 23 | 16 | 14 | 13 | 12 |
| -1.25° | 91 | 61 | 52 | 44 | 37 | 30 | 23 | 16 | 14 | 12 | 12 |
| -2.5° | 90 | 61 | 52 | 43 | 36 | 30 | 22 | 16 | 14 | 12 | 12 |
| -3.75° | 87 | 60 | 51 | 43 | 36 | 29 | 22 | 15 | 14 | 12 | 12 |
| -5° | 84 | 59 | 50 | 42 | 35 | 29 | 21 | 15 | 14 | 12 | 12 |
| -6.25° | 80 | 58 | 49 | 41 | 35 | 28 | 21 | 15 | 14 | 12 | 12 |
| -7.5° | 74 | 56 | 48 | 40 | 34 | 27 | 20 | 15 | 13 | 12 | 12 |
| -8.75° | 68 | 55 | 46 | 39 | 32 | 26 | 18 | 15 | 13 | 12 | 12 |
| -10° | 61 | 53 | 44 | 38 | 31 | 24 | 17 | 14 | 13 | 12 | 12 |
| -11.25° | 59 | 50 | 42 | 36 | 30 | 23 | 16 | 14 | 13 | 12 | 11 |
| -12.5° | 56 | 48 | 41 | 34 | 28 | 21 | 15 | 14 | 12 | 12 | 11 |
| -13.75° | 53 | 45 | 39 | 32 | 26 | 19 | 15 | 13 | 12 | 12 | 11 |
| -15° | 50 | 43 | 36 | 30 | 24 | 17 | 14 | 13 | 12 | 12 | 11 |
| -16.25° | 47 | 40 | 34 | 28 | 21 | 15 | 14 | 13 | 12 | 12 | 11 |
| -17.5° | 43 | 38 | 32 | 25 | 19 | 15 | 14 | 12 | 12 | 11 | 10 |
| -18.75° | 41 | 35 | 29 | 23 | 16 | 14 | 13 | 12 | 12 | 11 | 10 |
| -20° | 38 | 32 | 26 | 20 | 15 | 14 | 12 | 12 | 12 | 11 | 10 |
| -21.25° | 34 | 29 | 23 | 17 | 15 | 13 | 12 | 12 | 11 | 10 | 9 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| -22.5° | 31 | 25 | 19 | 15 | 14 | 13 | 12 | 12 | 11 | 10 | 9 |
| -23.75° | 28 | 22 | 16 | 14 | 13 | 12 | 12 | 11 | 10 | 10 | 9 |
| -25° | 24 | 18 | 15 | 14 | 12 | 12 | 12 | 11 | 10 | 9 | 9 |
| -26.25° | 20 | 15 | 14 | 13 | 12 | 12 | 11 | 10 | 10 | 9 | 9 |
| -27.5° | 16 | 14 | 13 | 12 | 12 | 12 | 11 | 10 | 9 | 9 | 8 |
| -28.75° | 15 | 14 | 12 | 12 | 12 | 11 | 10 | 10 | 9 | 9 | 8 |
| -30° | 14 | 13 | 12 | 12 | 11 | 11 | 10 | 9 | 9 | 8 | 8 |
| -31.25° | 13 | 12 | 12 | 11 | 11 | 10 | 9 | 9 | 9 | 8 | 8 |
| -32.5° | 12 | 12 | 12 | 11 | 10 | 10 | 9 | 9 | 8 | 8 | 8 |
| -33.75° | 12 | 12 | 11 | 10 | 10 | 9 | 9 | 8 | 8 | 8 | 7 |
| -35° | 12 | 11 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 7 | 7 |
| -36.25° | 11 | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 |
| -37.5° | 10 | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 |
| -38.75° | 10 | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 6 |
| -40° | 9 | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 |
| -41.25° | 9 | 9 | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 | 6 |
| -42.5° | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 | 6 | 5 |
| -43.75° | 8 | 8 | 8 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | 5 |
| -45° | 8 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 |
| -46.25° | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 |
| -47.5° | 7 | 7 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| -48.75° | 7 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 |
| -50° | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| -51.25° | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| -52.5° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 |
| -53.75° | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| -55° | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 3 |
| -56.25° | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 3 |
| -57.5° | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| -58.75° | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| -60° | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -61.25° | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -62.5° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -63.75° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| -65° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| -66.25° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -67.5° | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -68.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -70° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -71.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -72.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -73.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| -76.25° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 33.75° | 35° | 36.25° | 37.5° | 38.75° | 40° | 41.25° | 42.5° | 43.75° | 45° | 46.25° |
|---------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|
| -78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -83.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -85° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83.75° | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| 81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 76.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 73.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 72.5° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 71.25° | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| 70° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| 68.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| 67.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| 66.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 65° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 63.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 62.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 61.25° | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 60° | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 58.75° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 57.5° | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| 56.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| 55° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 53.75° | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| 52.5° | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| 51.25° | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| 50° | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 48.75° | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| 47.5° | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| 46.25° | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| 45° | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| 43.75° | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 |
| 42.5° | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 |
| 41.25° | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 |
| 40° | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 |
| 38.75° | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 |
| 37.5° | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 |
| 36.25° | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| 35° | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| 33.75° | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 |
| 32.5° | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 |
| 31.25° | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 |
| 30° | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 4 |
| 28.75° | 8 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| 27.5° | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| 26.25° | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 |
| 25° | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 |
| 23.75° | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 |
| 22.5° | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 |
| 21.25° | 9 | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 |
| 20° | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 |
| 18.75° | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 |
| 17.5° | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 |
| 16.25° | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| 15° | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| 13.75° | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| 12.5° | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| 11.25° | 11 | 10 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| 10° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 6 | 6 | 5 | 5 |
| 8.75° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| 7.5° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| 6.25° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| 5° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| 3.75° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| 2.5° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| 1.25° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| 0° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| -1.25° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| -2.5° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| -3.75° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| -5° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| -6.25° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| -7.5° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| -8.75° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 |
| -10° | 11 | 10 | 9 | 9 | 8 | 8 | 7 | 6 | 6 | 5 | 5 |
| -11.25° | 11 | 10 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| -12.5° | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| -13.75° | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| -15° | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| -16.25° | 10 | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 |
| -17.5° | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 |
| -18.75° | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 |
| -20° | 9 | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 |
| -21.25° | 9 | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -22.5° | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 |
| -23.75° | 9 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 |
| -25° | 8 | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 |
| -26.25° | 8 | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 |
| -27.5° | 8 | 8 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| -28.75° | 8 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 5 |
| -30° | 8 | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 4 |
| -31.25° | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 |
| -32.5° | 7 | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 |
| -33.75° | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 |
| -35° | 7 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 |
| -36.25° | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 |
| -37.5° | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 |
| -38.75° | 6 | 6 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 |
| -40° | 6 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 |
| -41.25° | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 |
| -42.5° | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 |
| -43.75° | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 |
| -45° | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 |
| -46.25° | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| -47.5° | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| -48.75° | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 |
| -50° | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| -51.25° | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| -52.5° | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| -53.75° | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| -55° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -56.25° | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| -57.5° | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| -58.75° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -60° | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -61.25° | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -62.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -63.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -65° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -66.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -67.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| -68.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| -70° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| -71.25° | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| -72.5° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -73.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -76.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 47.5° | 48.75° | 50° | 51.25° | 52.5° | 53.75° | 55° | 56.25° | 57.5° | 58.75° | 60° |
|---------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|
| -78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -81.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -82.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| -83.75° | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| -85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|--------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81.25° | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 76.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 73.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 72.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 71.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 70° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 68.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 67.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 66.25° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 65° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 63.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 62.5° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 61.25° | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| 60° | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| 58.75° | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| 57.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| 56.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| 55° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 |
| 53.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 |
| 52.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| 51.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| 50° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| 48.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| 47.5° | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| 46.25° | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 45° | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 43.75° | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 42.5° | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 41.25° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 40° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 38.75° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 37.5° | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| 36.25° | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| 35° | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| 33.75° | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| 32.5° | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| 31.25° | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| 30° | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| 28.75° | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| 27.5° | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| 26.25° | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| 25° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| 23.75° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| 22.5° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| 21.25° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 20° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 18.75° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 17.5° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 16.25° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 15° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 13.75° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 12.5° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 11.25° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 10° | 5 | 5 | 5 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| 8.75° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| 7.5° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| 6.25° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| 5° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| 3.75° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| 2.5° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| 1.25° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| 0° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| -1.25° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| -2.5° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| -3.75° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| -5° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| -6.25° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| -7.5° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| -8.75° | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 |
| -10° | 5 | 5 | 5 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -11.25° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -12.5° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -13.75° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -15° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -16.25° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -17.5° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -18.75° | 5 | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -20° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |
| -21.25° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| -22.5° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| -23.75° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| -25° | 5 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| -26.25° | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| -27.5° | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| -28.75° | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 |
| -30° | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| -31.25° | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| -32.5° | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| -33.75° | 4 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| -35° | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| -36.25° | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| -37.5° | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 |
| -38.75° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -40° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -41.25° | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -42.5° | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -43.75° | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -45° | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -46.25° | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| -47.5° | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| -48.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| -50° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| -51.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| -52.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| -53.75° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 |
| -55° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 |
| -56.25° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| -57.5° | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 |
| -58.75° | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| -60° | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| -61.25° | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| -62.5° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -63.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -65° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -66.25° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -67.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -68.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -70° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -71.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -72.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -73.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -76.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| -77.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 61.25° | 62.5° | 63.75° | 65° | 66.25° | 67.5° | 68.75° | 70° | 71.25° | 72.5° | 73.75° |
|---------|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|--------|
| -78.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -80° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| -81.25° | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|--------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 81.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 78.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 76.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75° | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73.75° | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72.5° | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71.25° | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70° | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 68.75° | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67.5° | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66.25° | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65° | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63.75° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 62.5° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 61.25° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 60° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| 58.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 57.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 56.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 55° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 53.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| 52.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 51.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 50° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 48.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 47.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 46.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 45° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 43.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 42.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| 41.25° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 40° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 38.75° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 37.5° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 36.25° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 35° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| 33.75° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 32.5° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 31.25° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 30° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 28.75° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 27.5° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 26.25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 23.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 22.5° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 21.25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 20° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 18.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 17.5° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 16.25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 15° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 13.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 12.5° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 11.25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 10° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 8.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 7.5° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 6.25° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 5° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 3.75° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 2.5° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 1.25° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| 0° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| -1.25° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -2.5° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -3.75° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -5° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -6.25° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -7.5° | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -8.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -10° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -11.25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -12.5° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -13.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -15° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -16.25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -17.5° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -18.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -20° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -21.25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -22.5° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -23.75° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -26.25° | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -27.5° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -28.75° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -30° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -31.25° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -32.5° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -33.75° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -35° | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -36.25° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -37.5° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -38.75° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -40° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -41.25° | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| -42.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -43.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -45° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -46.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -47.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -48.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -50° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -51.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -52.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| -53.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| -55° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| -56.25° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| -57.5° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| -58.75° | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| -60° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| -61.25° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| -62.5° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| -63.75° | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| -65° | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| -66.25° | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| -67.5° | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| -68.75° | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -70° | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -71.25° | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -72.5° | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -73.75° | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -75° | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -76.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -77.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 75° | 76.25° | 77.5° | 78.75° | 80° | 81.25° | 82.5° | 83.75° | 85° | 86.25° | 87.5° |
|---------|-----|--------|-------|--------|-----|--------|-------|--------|-----|--------|-------|
| -78.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -80° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -81.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -82.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -83.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -85° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -86.25° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -87.5° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -88.75° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| -90° | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 88.75° | 90° |
|--------|--------|-----|
| 90° | 0 | 0 |
| 88.75° | 0 | 0 |
| 87.5° | 0 | 0 |
| 86.25° | 0 | 0 |
| 85° | 0 | 0 |
| 83.75° | 0 | 0 |
| 82.5° | 0 | 0 |
| 81.25° | 0 | 0 |
| 80° | 0 | 0 |
| 78.75° | 0 | 0 |
| 77.5° | 0 | 0 |
| 76.25° | 0 | 0 |
| 75° | 0 | 0 |
| 73.75° | 0 | 0 |
| 72.5° | 0 | 0 |
| 71.25° | 0 | 0 |
| 70° | 0 | 0 |
| 68.75° | 0 | 0 |
| 67.5° | 0 | 0 |
| 66.25° | 0 | 0 |
| 65° | 0 | 0 |
| 63.75° | 0 | 0 |
| 62.5° | 0 | 0 |
| 61.25° | 0 | 0 |
| 60° | 0 | 0 |
| 58.75° | 0 | 0 |
| 57.5° | 0 | 0 |
| 56.25° | 0 | 0 |
| 55° | 0 | 0 |
| 53.75° | 0 | 0 |
| 52.5° | 0 | 0 |
| 51.25° | 0 | 0 |
| 50° | 0 | 0 |
| 48.75° | 0 | 0 |
| 47.5° | 0 | 0 |
| 46.25° | 0 | 0 |
| 45° | 0 | 0 |
| 43.75° | 0 | 0 |
| 42.5° | 0 | 0 |
| 41.25° | 0 | 0 |
| 40° | 0 | 0 |
| 38.75° | 0 | 0 |
| 37.5° | 0 | 0 |
| 36.25° | 0 | 0 |
| 35° | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 88.75° | 90° |
|---------|--------|-----|
| -22.5° | 0 | 0 |
| -23.75° | 0 | 0 |
| -25° | 0 | 0 |
| -26.25° | 0 | 0 |
| -27.5° | 0 | 0 |
| -28.75° | 0 | 0 |
| -30° | 0 | 0 |
| -31.25° | 0 | 0 |
| -32.5° | 0 | 0 |
| -33.75° | 0 | 0 |
| -35° | 0 | 0 |
| -36.25° | 0 | 0 |
| -37.5° | 0 | 0 |
| -38.75° | 0 | 0 |
| -40° | 0 | 0 |
| -41.25° | 0 | 0 |
| -42.5° | 0 | 0 |
| -43.75° | 0 | 0 |
| -45° | 0 | 0 |
| -46.25° | 0 | 0 |
| -47.5° | 0 | 0 |
| -48.75° | 0 | 0 |
| -50° | 0 | 0 |
| -51.25° | 0 | 0 |
| -52.5° | 0 | 0 |
| -53.75° | 0 | 0 |
| -55° | 0 | 0 |
| -56.25° | 0 | 0 |
| -57.5° | 0 | 0 |
| -58.75° | 0 | 0 |
| -60° | 0 | 0 |
| -61.25° | 0 | 0 |
| -62.5° | 0 | 0 |
| -63.75° | 0 | 0 |
| -65° | 0 | 0 |
| -66.25° | 0 | 0 |
| -67.5° | 0 | 0 |
| -68.75° | 0 | 0 |
| -70° | 0 | 0 |
| -71.25° | 0 | 0 |
| -72.5° | 0 | 0 |
| -73.75° | 0 | 0 |
| -75° | 0 | 0 |
| -76.25° | 0 | 0 |
| -77.5° | 0 | 0 |



REPORT NUMBER: P220670 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: 1003-[A1, S1, SU1]-FL-LED5080-M-BK-L2-UNV

CANDELA DISTRIBUTION (continued):

| | 88.75° | 90° |
|---------|--------|-----|
| -78.75° | 0 | 0 |
| -80° | 0 | 0 |
| -81.25° | 0 | 0 |
| -82.5° | 0 | 0 |
| -83.75° | 0 | 0 |
| -85° | 0 | 0 |
| -86.25° | 0 | 0 |
| -87.5° | 0 | 0 |
| -88.75° | 0 | 0 |
| -90° | 0 | 0 |

(END OF REPORT)