

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: EPHESUS

Report Number: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0680R-57-80-3S-CV1-S**

Issue Date: 8/29/2023

Test Information

Test Method: LM-79-08
Report Number: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)
Test Lab: INNOVATION CENTER
Issue Date: 8/29/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08-0680R-57-80-3S-CV1-S
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

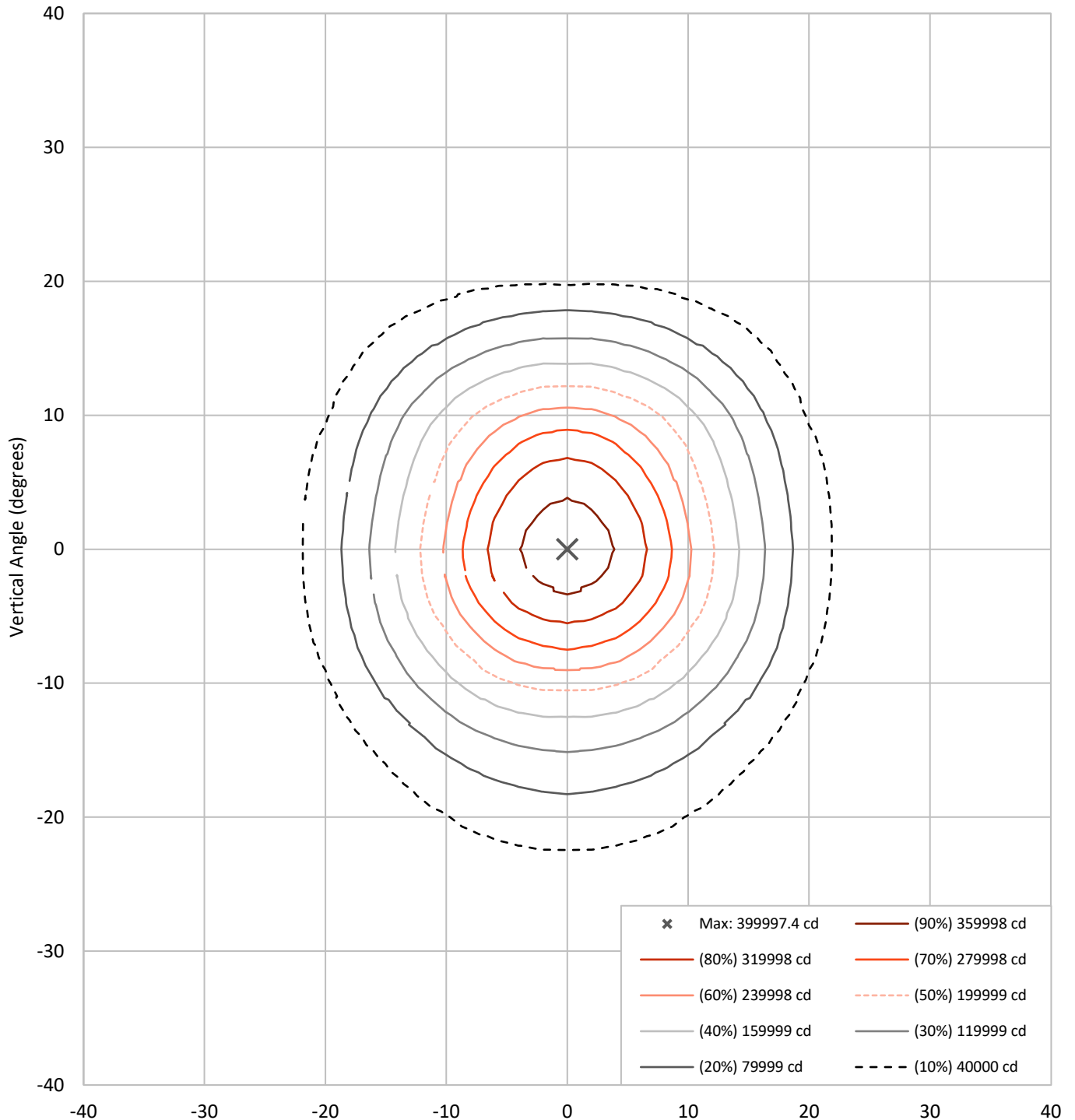
Summary

| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 82902.7 lumens | Max Intensity: | 399997.4 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 118.9 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 24.3°H x 22.7°V | Field Angle (10%): | 43.8°H x 42.1°V |
| Beam Lumens: | 39092.5 lumens | Field Lumens: | 70622.3 lumens |
| Beam Efficiency: | 47.2% | Field Efficiency: | 85.2% |

Input Watts (W): 697.5
Input Voltage (V): NR
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: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

Iso-Candela Plot





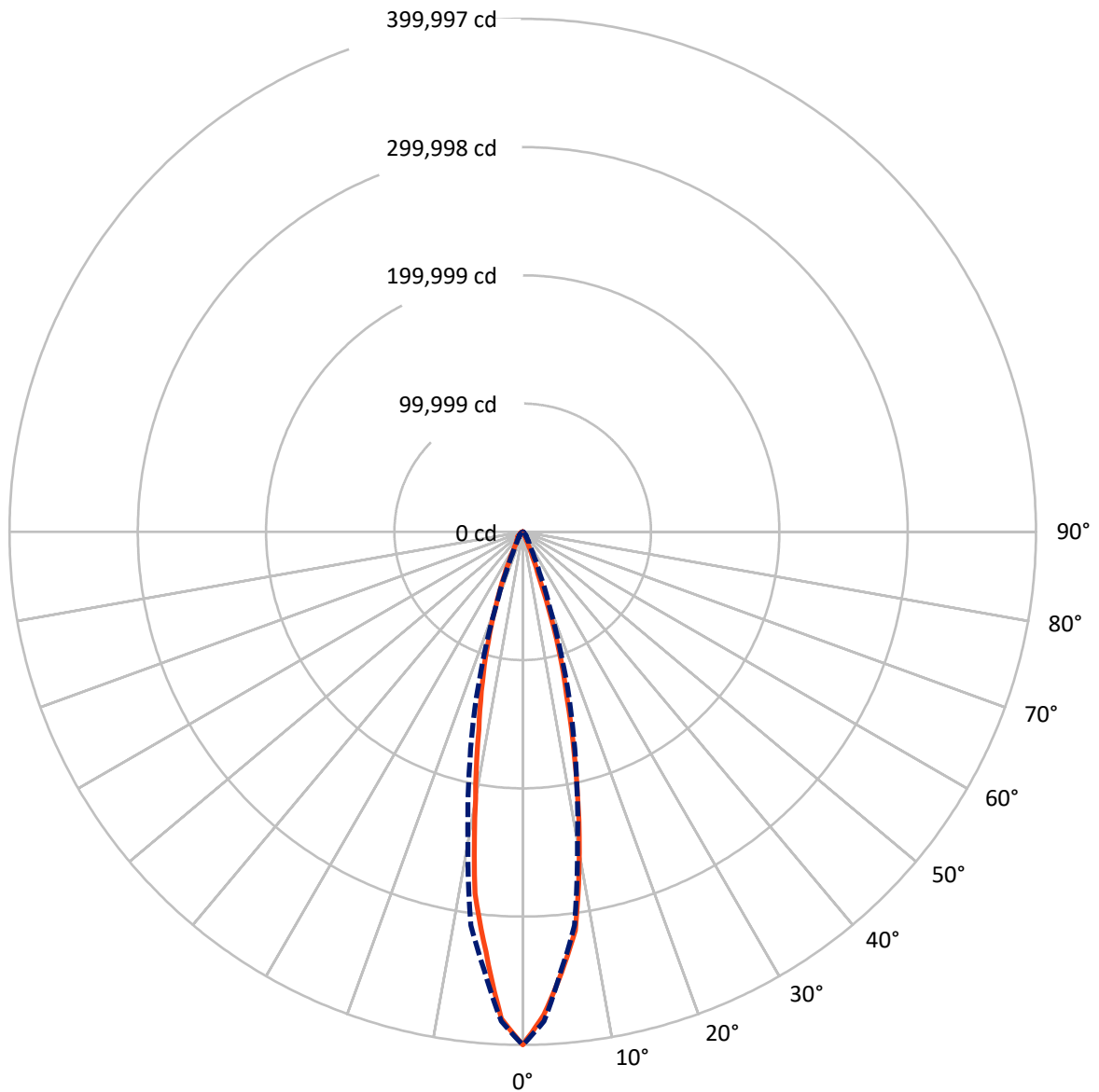
REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
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Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|-----|-----|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.1 | 0.3 | | 0.5 | | 0.5 | | 0.5 | | 0.5 | | 0.3 | | 0.1 | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | |
| 60 | 0.1 | 0.1 | 0.2 | 0.7 | 0.9 | 0.6 | 0.4 | 0.4 | 0.4 | 0.4 | 0.6 | 0.9 | 0.7 | 0.2 | 0.1 | 0.1 | | | |
| 50 | | 0.1 | 0.5 | 0.9 | 0.7 | 0.4 | 0.3 | 0.4 | 0.4 | 0.3 | 0.4 | 0.7 | 0.9 | 0.5 | 0.1 | | | | |
| 40 | 0.2 | 0.3 | 0.7 | 0.7 | 0.8 | 1.2 | 2.2 | 1.5 | 1.5 | 2.2 | 1.2 | 0.8 | 0.7 | 0.7 | 0.3 | 0.2 | | | |
| 30 | | 0.4 | 1.4 | 3.3 | 5.8 | 8.4 | 11.6 | 13.9 | 13.9 | 11.6 | 8.4 | 5.8 | 3.3 | 1.4 | 0.4 | | | | |
| 20 | 0.3 | 0.8 | 5.6 | 17.7 | 40.9 | 68.1 | 139.8 | 269.1 | 269.1 | 139.8 | 68.1 | 40.9 | 17.7 | 5.6 | 0.8 | 0.3 | | | |
| 10 | | 1.7 | 12.1 | 45.0 | 109.0 | 288.6 | 1588.8 | 3749.4 | 3749.4 | 1588.8 | 288.6 | 109.0 | 45.0 | 12.1 | 1.7 | | | | |
| 0 | 0.4 | 2.6 | 16.0 | 59.9 | 140.2 | 615.4 | 3808.9 | 8932.6 | 8932.6 | 3808.9 | 615.4 | 140.2 | 59.9 | 16.0 | 2.6 | 0.4 | | | |
| -10 | | 3.2 | 17.2 | 60.9 | 140.5 | 609.4 | 3742.3 | 8560.2 | 8560.2 | 3742.3 | 609.4 | 140.5 | 60.9 | 17.2 | 3.2 | | | | |
| -20 | 0.7 | 3.9 | 16.3 | 50.6 | 110.5 | 290.9 | 1517.3 | 3424.4 | 3424.4 | 1517.3 | 290.9 | 110.5 | 50.6 | 16.3 | 3.9 | 0.7 | | | |
| -30 | | 4.1 | 15.1 | 37.9 | 94.2 | 164.9 | 377.5 | 771.8 | 771.8 | 377.5 | 164.9 | 94.2 | 37.9 | 15.1 | 4.1 | | | | |
| -40 | 0.6 | 3.6 | 13.0 | 28.7 | 69.5 | 136.3 | 191.5 | 235.2 | 235.2 | 191.5 | 136.3 | 69.5 | 28.7 | 13.0 | 3.6 | 0.6 | | | |
| -50 | | 2.5 | 9.9 | 22.6 | 42.2 | 74.9 | 122.6 | 157.0 | 157.0 | 122.6 | 74.9 | 42.2 | 22.6 | 9.9 | 2.5 | | | | |
| -60 | 0.3 | 1.3 | 6.0 | 15.2 | 28.8 | 44.3 | 59.3 | 68.7 | 68.7 | 59.3 | 44.3 | 28.8 | 15.2 | 6.0 | 1.3 | 0.3 | | | |
| -70 | | 0.5 | 2.1 | 6.6 | 13.4 | 21.3 | 29.1 | 33.5 | 33.5 | 29.1 | 21.3 | 13.4 | 6.6 | 2.1 | 0.5 | | | | |
| -80 | 0.2 | 1.2 | | 4.2 | | 10.9 | | 14.8 | | 10.9 | | 4.2 | | 1.2 | 0.2 | | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

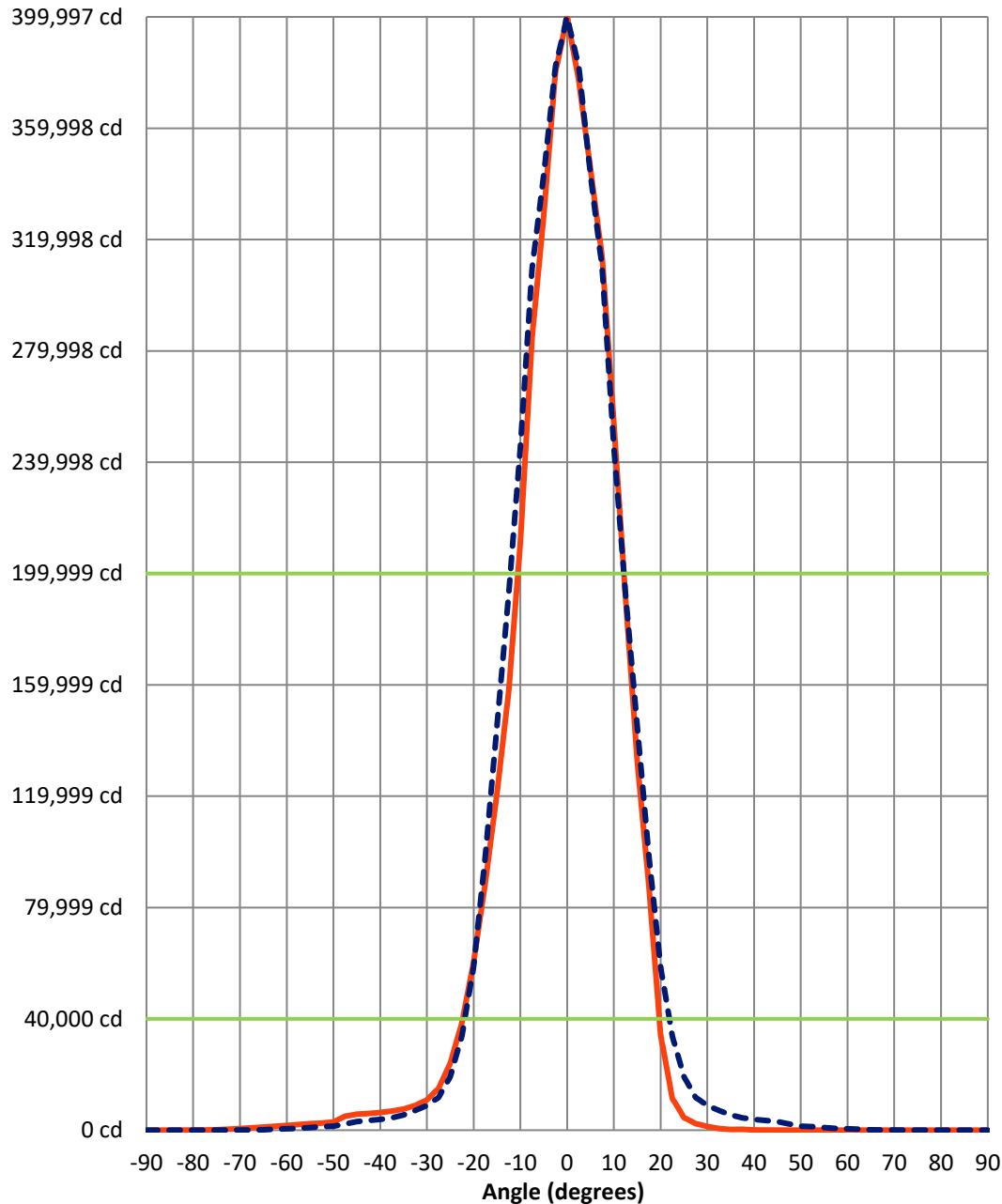
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 24.3°
 V Angle: 22.7°
 Lumens: 39092.5
 Efficiency: 47.2%

Field:
 H Angle: 43.8°
 V Angle: 42.1°
 Lumens: 70622.3
 Efficiency: 85.2%

Spill:
 Lumens: 12280.4
 Efficiency: 14.8%

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



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| 90° | 4.1 | 5.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| 87.5° | 4.1 | 4.2 | 4.3 | 4.3 | 4.3 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 85° | 4.1 | 4.3 | 4.4 | 4.5 | 4.4 | 4.3 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 82.5° | 4.1 | 4.4 | 4.6 | 4.7 | 4.6 | 4.4 | 4.1 | 4.1 | 4.1 | 4.2 | 4.1 |
| 80° | 4.1 | 4.4 | 4.8 | 4.9 | 4.8 | 4.6 | 4.2 | 4.4 | 4.5 | 4.4 | 4.1 |
| 77.5° | 4.1 | 4.5 | 5.0 | 5.1 | 5.0 | 4.8 | 4.7 | 4.9 | 4.9 | 4.6 | 4.2 |
| 75° | 4.1 | 4.6 | 5.1 | 5.3 | 5.2 | 5.1 | 5.2 | 5.4 | 5.2 | 4.7 | 4.3 |
| 72.5° | 4.1 | 4.7 | 5.3 | 5.5 | 5.4 | 5.4 | 5.7 | 5.8 | 5.3 | 4.8 | 4.3 |
| 70° | 4.1 | 4.8 | 5.5 | 5.7 | 5.5 | 5.7 | 6.1 | 5.8 | 5.3 | 4.9 | 4.9 |
| 67.5° | 4.1 | 4.9 | 5.6 | 5.8 | 5.7 | 6.0 | 6.1 | 5.9 | 5.4 | 5.3 | 5.6 |
| 65° | 4.1 | 4.9 | 5.8 | 5.8 | 5.8 | 6.1 | 6.1 | 5.9 | 5.7 | 5.8 | 6.1 |
| 62.5° | 4.1 | 5.0 | 5.9 | 5.9 | 6.0 | 6.1 | 6.1 | 6.0 | 5.9 | 6.2 | 6.4 |
| 60° | 4.1 | 5.1 | 6.1 | 5.9 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.5 | 6.6 |
| 57.5° | 4.1 | 5.2 | 6.1 | 6.0 | 6.1 | 6.1 | 6.2 | 6.1 | 6.5 | 7.0 | 7.0 |
| 55° | 4.1 | 5.2 | 6.1 | 6.0 | 6.1 | 6.1 | 6.3 | 6.2 | 7.0 | 7.4 | 7.4 |
| 52.5° | 4.1 | 5.3 | 6.1 | 6.1 | 6.1 | 6.1 | 6.5 | 6.7 | 7.5 | 8.0 | 8.0 |
| 50° | 4.1 | 5.4 | 6.1 | 6.1 | 6.1 | 6.3 | 6.7 | 7.3 | 8.1 | 8.7 | 10.7 |
| 47.5° | 4.1 | 5.5 | 6.1 | 6.1 | 6.1 | 6.5 | 6.9 | 7.9 | 8.8 | 9.4 | 13.5 |
| 45° | 4.1 | 5.5 | 6.1 | 6.1 | 6.1 | 6.7 | 7.4 | 8.4 | 9.5 | 11.5 | 16.0 |
| 42.5° | 4.1 | 5.6 | 6.1 | 6.1 | 6.1 | 7.0 | 7.9 | 9.0 | 10.1 | 13.5 | 20.5 |
| 40° | 4.1 | 5.6 | 6.1 | 6.1 | 6.2 | 7.2 | 8.3 | 9.5 | 11.0 | 15.2 | 25.3 |
| 37.5° | 4.1 | 5.7 | 6.1 | 6.1 | 6.4 | 7.5 | 8.8 | 10.0 | 12.4 | 17.5 | 29.8 |
| 35° | 4.1 | 5.7 | 6.1 | 6.1 | 6.6 | 7.8 | 9.2 | 10.5 | 13.6 | 21.6 | 33.6 |
| 32.5° | 4.1 | 5.8 | 6.1 | 6.1 | 6.8 | 8.2 | 9.6 | 11.0 | 14.7 | 25.7 | 36.9 |
| 30° | 4.1 | 5.8 | 6.1 | 6.1 | 7.0 | 8.5 | 10.0 | 11.6 | 15.7 | 29.8 | 40.3 |
| 27.5° | 4.1 | 5.9 | 6.1 | 6.1 | 7.2 | 8.8 | 10.4 | 12.4 | 17.6 | 33.9 | 43.9 |
| 25° | 4.1 | 5.9 | 6.1 | 6.1 | 7.3 | 9.1 | 10.8 | 13.2 | 20.8 | 37.2 | 47.6 |
| 22.5° | 4.1 | 5.9 | 6.1 | 6.1 | 7.5 | 9.4 | 11.1 | 13.8 | 23.9 | 40.1 | 54.3 |
| 20° | 4.1 | 6.0 | 6.1 | 6.1 | 7.6 | 9.6 | 11.4 | 14.4 | 26.8 | 42.9 | 61.4 |
| 17.5° | 4.1 | 6.0 | 6.1 | 6.1 | 7.7 | 9.7 | 11.7 | 14.9 | 29.5 | 45.8 | 68.9 |
| 15° | 4.1 | 6.0 | 6.1 | 6.1 | 7.8 | 9.8 | 12.1 | 15.5 | 32.1 | 48.5 | 76.6 |
| 12.5° | 4.1 | 6.1 | 6.1 | 6.1 | 7.9 | 9.9 | 12.5 | 16.4 | 35.1 | 51.1 | 84.4 |
| 10° | 4.1 | 6.1 | 6.1 | 6.1 | 8.0 | 10.0 | 12.9 | 17.3 | 38.4 | 55.3 | 93.0 |
| 7.5° | 4.1 | 6.1 | 6.1 | 6.1 | 8.0 | 10.1 | 13.2 | 18.1 | 41.5 | 59.6 | 103.7 |
| 5° | 4.1 | 6.1 | 6.1 | 6.1 | 8.1 | 10.2 | 13.6 | 18.9 | 44.3 | 63.7 | 113.9 |
| 2.5° | 4.1 | 6.1 | 6.1 | 6.1 | 8.1 | 10.2 | 13.9 | 19.6 | 46.7 | 67.6 | 123.5 |
| 0° | 4.1 | 6.1 | 6.1 | 6.1 | 8.1 | 10.2 | 13.9 | 19.6 | 46.7 | 67.6 | 123.5 |
| -2.5° | 4.1 | 6.1 | 6.2 | 6.4 | 8.5 | 11.1 | 16.6 | 26.6 | 60.0 | 89.4 | 155.6 |
| -5° | 4.1 | 6.1 | 6.3 | 6.6 | 8.8 | 11.9 | 18.9 | 32.8 | 70.5 | 106.9 | 177.6 |
| -7.5° | 4.1 | 6.1 | 6.4 | 6.9 | 9.1 | 12.7 | 21.1 | 38.5 | 80.2 | 123.4 | 197.9 |
| -10° | 4.1 | 6.1 | 6.4 | 7.1 | 9.4 | 13.5 | 23.1 | 43.6 | 88.7 | 138.4 | 216.1 |
| -12.5° | 4.1 | 6.1 | 6.5 | 7.4 | 9.7 | 14.1 | 24.8 | 48.0 | 96.0 | 151.8 | 234.5 |
| -15° | 4.1 | 6.0 | 6.6 | 7.6 | 10.0 | 14.7 | 26.2 | 51.6 | 102.4 | 163.9 | 250.7 |
| -17.5° | 4.1 | 6.0 | 6.6 | 7.8 | 10.2 | 15.2 | 27.3 | 55.0 | 108.1 | 174.1 | 263.2 |
| -20° | 4.1 | 6.0 | 6.7 | 8.0 | 10.4 | 15.5 | 28.2 | 57.9 | 111.9 | 182.1 | 271.4 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 4.1 | 6.0 | 6.7 | 8.2 | 10.7 | 15.7 | 29.2 | 59.5 | 113.7 | 187.7 | 275.1 |
| -25° | 4.1 | 6.0 | 6.8 | 8.3 | 10.8 | 15.9 | 29.5 | 59.8 | 113.4 | 190.9 | 274.0 |
| -27.5° | 4.1 | 5.9 | 6.8 | 8.5 | 11.0 | 16.0 | 29.0 | 58.6 | 110.8 | 191.1 | 276.6 |
| -30° | 4.1 | 5.9 | 6.8 | 8.5 | 11.1 | 15.9 | 27.9 | 56.0 | 108.3 | 187.6 | 276.1 |
| -32.5° | 4.1 | 5.9 | 6.8 | 8.6 | 11.3 | 15.7 | 25.9 | 54.1 | 105.1 | 181.1 | 272.2 |
| -35° | 4.1 | 5.8 | 6.8 | 8.7 | 11.3 | 15.2 | 24.9 | 51.7 | 99.7 | 171.4 | 264.6 |
| -37.5° | 4.1 | 5.8 | 6.8 | 8.7 | 11.3 | 14.8 | 24.2 | 48.2 | 92.1 | 158.5 | 247.8 |
| -40° | 4.1 | 5.8 | 6.8 | 8.6 | 11.2 | 14.8 | 23.3 | 43.4 | 82.3 | 146.5 | 226.8 |
| -42.5° | 4.1 | 5.8 | 6.7 | 8.6 | 11.2 | 14.7 | 22.1 | 37.3 | 73.8 | 131.0 | 202.7 |
| -45° | 4.1 | 5.7 | 6.7 | 8.5 | 11.0 | 14.5 | 20.6 | 32.4 | 65.5 | 113.1 | 176.7 |
| -47.5° | 4.1 | 5.7 | 6.6 | 8.4 | 10.9 | 14.2 | 18.8 | 30.3 | 55.4 | 93.1 | 153.7 |
| -50° | 4.1 | 5.7 | 6.5 | 8.2 | 10.7 | 13.8 | 18.1 | 27.7 | 43.4 | 79.2 | 128.3 |
| -52.5° | 4.1 | 5.6 | 6.4 | 8.1 | 10.5 | 13.4 | 17.5 | 24.8 | 37.0 | 64.1 | 101.5 |
| -55° | 4.1 | 5.6 | 6.3 | 7.9 | 10.2 | 13.0 | 16.8 | 21.7 | 32.9 | 47.9 | 82.7 |
| -57.5° | 4.1 | 5.6 | 6.2 | 7.8 | 9.9 | 12.6 | 15.9 | 20.6 | 28.5 | 40.1 | 62.6 |
| -60° | 4.1 | 5.5 | 6.1 | 7.6 | 9.6 | 12.1 | 15.0 | 19.3 | 24.5 | 34.7 | 46.2 |
| -62.5° | 4.1 | 5.5 | 6.1 | 7.3 | 9.2 | 11.6 | 14.3 | 18.0 | 22.9 | 28.9 | 39.6 |
| -65° | 4.1 | 5.5 | 6.1 | 7.1 | 8.9 | 11.0 | 13.6 | 16.7 | 21.1 | 26.0 | 32.6 |
| -67.5° | 4.1 | 5.4 | 6.1 | 6.8 | 8.5 | 10.5 | 12.8 | 15.8 | 19.3 | 23.8 | 28.6 |
| -70° | 4.1 | 5.4 | 6.1 | 6.6 | 8.0 | 9.8 | 12.0 | 14.7 | 17.9 | 21.4 | 25.9 |
| -72.5° | 4.1 | 5.4 | 6.1 | 6.5 | 7.6 | 9.2 | 11.1 | 13.6 | 16.5 | 19.7 | 23.1 |
| -75° | 4.1 | 5.3 | 6.1 | 6.4 | 7.1 | 8.5 | 10.1 | 12.4 | 15.0 | 17.8 | 20.9 |
| -77.5° | 4.1 | 5.3 | 6.1 | 6.4 | 6.9 | 7.8 | 9.2 | 11.2 | 13.5 | 15.9 | 18.6 |
| -80° | 4.1 | 5.3 | 6.1 | 6.3 | 6.8 | 7.4 | 8.2 | 9.9 | 11.9 | 14.0 | 16.2 |
| -82.5° | 4.1 | 5.2 | 6.1 | 6.3 | 6.6 | 7.1 | 7.6 | 8.8 | 10.2 | 11.9 | 13.7 |
| -85° | 4.1 | 5.2 | 6.1 | 6.2 | 6.4 | 6.7 | 7.1 | 7.9 | 8.8 | 10.0 | 11.2 |
| -87.5° | 4.1 | 5.1 | 6.1 | 6.2 | 6.3 | 6.4 | 6.6 | 7.0 | 7.5 | 8.0 | 8.7 |
| -90° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |



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CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 6.6 | 7.1 | 7.6 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 |
| 87.5° | 3.6 | 3.1 | 2.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 3.6 | 3.1 | 2.7 | 2.3 | 2.3 | 2.3 | 2.2 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 3.8 | 3.6 | 3.5 | 3.5 | 3.3 | 3.0 | 2.6 | 2.3 | 2.3 | 2.3 | 2.2 |
| 80° | 4.0 | 4.1 | 4.1 | 4.1 | 3.9 | 3.7 | 3.6 | 3.7 | 3.6 | 3.3 | 3.0 |
| 77.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.3 | 4.6 | 5.1 | 5.1 | 4.9 | 4.6 |
| 75° | 4.1 | 4.1 | 4.2 | 4.2 | 4.3 | 4.8 | 5.4 | 5.9 | 5.9 | 5.8 | 5.8 |
| 72.5° | 4.4 | 4.7 | 4.6 | 4.3 | 4.7 | 5.4 | 5.9 | 6.1 | 7.3 | 8.9 | 10.1 |
| 70° | 5.2 | 5.3 | 5.2 | 5.3 | 5.7 | 6.6 | 8.7 | 11.6 | 14.4 | 16.5 | 19.2 |
| 67.5° | 6.0 | 5.7 | 5.8 | 6.3 | 7.8 | 10.1 | 13.4 | 20.5 | 28.5 | 31.6 | 33.1 |
| 65° | 6.1 | 6.0 | 6.6 | 8.0 | 10.0 | 16.0 | 23.9 | 33.2 | 42.9 | 45.1 | 44.9 |
| 62.5° | 6.1 | 6.4 | 7.5 | 10.6 | 16.3 | 23.8 | 34.0 | 44.4 | 54.7 | 53.0 | 46.8 |
| 60° | 6.3 | 6.6 | 10.3 | 16.3 | 23.1 | 33.1 | 44.3 | 49.9 | 53.2 | 52.8 | 45.5 |
| 57.5° | 6.6 | 8.9 | 15.2 | 22.8 | 32.4 | 41.1 | 44.7 | 48.0 | 50.0 | 51.6 | 42.8 |
| 55° | 8.2 | 13.1 | 20.9 | 31.0 | 38.8 | 40.5 | 42.6 | 43.8 | 45.5 | 42.2 | 32.7 |
| 52.5° | 12.0 | 17.7 | 28.0 | 36.8 | 40.3 | 39.9 | 37.8 | 38.1 | 35.3 | 30.8 | 26.0 |
| 50° | 15.5 | 24.4 | 34.1 | 39.6 | 41.2 | 38.2 | 32.8 | 31.2 | 28.2 | 24.6 | 21.3 |
| 47.5° | 20.7 | 30.8 | 37.8 | 42.4 | 41.4 | 37.1 | 30.8 | 27.0 | 24.0 | 23.0 | 19.8 |
| 45° | 26.4 | 35.4 | 42.0 | 43.9 | 41.8 | 36.3 | 31.2 | 24.3 | 25.8 | 25.6 | 25.2 |
| 42.5° | 31.9 | 39.2 | 44.7 | 46.3 | 41.8 | 38.1 | 33.6 | 32.0 | 31.8 | 35.8 | 38.6 |
| 40° | 35.4 | 42.8 | 48.0 | 48.4 | 43.4 | 42.5 | 45.6 | 47.6 | 45.7 | 52.6 | 58.4 |
| 37.5° | 38.6 | 46.5 | 52.9 | 55.4 | 49.1 | 54.1 | 61.8 | 83.2 | 85.2 | 72.9 | 93.4 |
| 35° | 41.6 | 50.9 | 63.0 | 72.4 | 72.1 | 72.6 | 105.4 | 137.9 | 153.1 | 134.0 | 151.8 |
| 32.5° | 45.3 | 55.9 | 76.7 | 101.4 | 121.9 | 125.2 | 160.8 | 226.9 | 258.0 | 259.3 | 256.8 |
| 30° | 50.6 | 68.9 | 98.2 | 138.9 | 190.6 | 240.7 | 267.8 | 340.6 | 390.5 | 475.9 | 540.6 |
| 27.5° | 58.0 | 85.8 | 134.4 | 202.3 | 283.8 | 383.2 | 443.8 | 485.9 | 608.9 | 768.6 | 940.8 |
| 25° | 66.5 | 119.8 | 176.2 | 283.6 | 422.1 | 548.4 | 625.6 | 676.1 | 891.0 | 1207.9 | 1429.7 |
| 22.5° | 85.0 | 163.6 | 237.3 | 375.9 | 578.2 | 720.2 | 801.7 | 964.7 | 1297.9 | 1723.3 | 1985.8 |
| 20° | 116.9 | 217.1 | 309.1 | 460.1 | 737.9 | 896.2 | 973.2 | 1296.6 | 1811.1 | 2247.3 | 2608.8 |
| 17.5° | 153.8 | 271.0 | 380.3 | 558.8 | 827.7 | 1031.5 | 1162.6 | 1652.1 | 2357.7 | 2749.5 | 3163.7 |
| 15° | 194.3 | 324.9 | 443.7 | 646.5 | 914.2 | 1111.6 | 1395.2 | 2080.5 | 2857.7 | 3231.8 | 3659.1 |
| 12.5° | 237.2 | 378.1 | 499.8 | 723.4 | 999.4 | 1185.7 | 1603.4 | 2386.0 | 3115.8 | 3622.4 | 4176.7 |
| 10° | 281.0 | 430.0 | 549.3 | 789.7 | 1081.7 | 1253.8 | 1799.0 | 2640.7 | 3252.3 | 3728.8 | 4375.6 |
| 7.5° | 308.1 | 465.8 | 589.9 | 845.9 | 1159.1 | 1316.0 | 1977.6 | 2846.4 | 3349.1 | 3791.7 | 4402.7 |
| 5° | 327.7 | 483.1 | 609.8 | 884.1 | 1213.0 | 1365.5 | 2123.3 | 3004.9 | 3412.1 | 3816.8 | 4354.5 |
| 2.5° | 342.2 | 496.5 | 626.7 | 912.7 | 1246.2 | 1399.5 | 2191.8 | 3065.9 | 3453.8 | 3847.6 | 4361.7 |
| 0° | 351.6 | 506.1 | 640.2 | 932.8 | 1268.2 | 1428.7 | 2227.5 | 3087.1 | 3479.4 | 3873.7 | 4434.6 |
| -2.5° | 364.0 | 520.0 | 661.6 | 953.3 | 1273.8 | 1435.2 | 2232.7 | 3078.8 | 3494.1 | 3936.0 | 4513.5 |
| -5° | 372.3 | 530.0 | 678.6 | 964.8 | 1269.7 | 1436.1 | 2204.6 | 3034.9 | 3472.9 | 3920.6 | 4483.1 |
| -7.5° | 377.2 | 536.1 | 690.9 | 965.8 | 1247.9 | 1414.4 | 2109.0 | 2896.6 | 3353.6 | 3773.8 | 4326.6 |
| -10° | 381.2 | 544.7 | 702.4 | 949.4 | 1205.9 | 1376.5 | 1974.0 | 2732.5 | 3221.4 | 3608.4 | 4127.4 |
| -12.5° | 394.0 | 556.5 | 710.9 | 929.5 | 1162.8 | 1333.8 | 1809.0 | 2547.4 | 3078.6 | 3426.6 | 3912.6 |
| -15° | 403.0 | 566.0 | 716.0 | 907.8 | 1121.1 | 1286.6 | 1615.0 | 2345.7 | 2969.8 | 3360.7 | 3777.4 |
| -17.5° | 408.2 | 573.7 | 717.8 | 885.9 | 1083.1 | 1235.2 | 1401.8 | 2158.6 | 2883.2 | 3325.0 | 3709.7 |
| -20° | 409.8 | 579.9 | 716.6 | 865.1 | 1049.6 | 1204.6 | 1354.4 | 1931.6 | 2671.4 | 3268.1 | 3650.0 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 407.8 | 585.0 | 714.7 | 855.6 | 1027.9 | 1190.9 | 1336.3 | 1680.5 | 2391.7 | 3186.0 | 3573.5 |
| -25° | 406.6 | 578.0 | 714.4 | 842.2 | 1003.5 | 1174.3 | 1317.6 | 1445.8 | 2077.2 | 2870.5 | 3470.6 |
| -27.5° | 404.0 | 567.2 | 700.0 | 821.0 | 972.9 | 1151.0 | 1295.5 | 1422.0 | 1787.5 | 2511.9 | 3309.1 |
| -30° | 394.9 | 538.4 | 680.3 | 794.6 | 942.1 | 1111.6 | 1270.6 | 1404.6 | 1541.2 | 2145.9 | 2889.6 |
| -32.5° | 374.5 | 506.8 | 647.9 | 768.9 | 903.7 | 1065.9 | 1235.2 | 1373.9 | 1512.6 | 1734.5 | 2439.8 |
| -35° | 352.9 | 477.0 | 609.9 | 736.9 | 857.3 | 1013.3 | 1175.0 | 1332.7 | 1470.8 | 1615.9 | 1960.1 |
| -37.5° | 336.2 | 444.4 | 570.3 | 696.9 | 816.5 | 953.5 | 1108.3 | 1267.8 | 1416.5 | 1566.5 | 1735.9 |
| -40° | 315.9 | 408.9 | 530.8 | 652.1 | 771.5 | 895.2 | 1038.1 | 1188.9 | 1344.7 | 1517.2 | 1676.2 |
| -42.5° | 291.9 | 382.5 | 489.2 | 606.0 | 721.8 | 840.6 | 963.8 | 1106.7 | 1269.6 | 1452.0 | 1620.1 |
| -45° | 261.7 | 352.4 | 446.6 | 556.1 | 668.0 | 781.1 | 898.3 | 1021.9 | 1185.3 | 1359.5 | 1538.3 |
| -47.5° | 227.9 | 317.4 | 408.4 | 501.9 | 609.3 | 718.4 | 828.0 | 952.9 | 1090.9 | 1253.0 | 1426.7 |
| -50° | 192.9 | 275.7 | 364.6 | 451.0 | 545.8 | 650.5 | 756.2 | 876.6 | 1006.6 | 1141.7 | 1293.8 |
| -52.5° | 160.9 | 230.2 | 313.1 | 398.8 | 484.1 | 576.9 | 680.0 | 792.3 | 912.8 | 1041.3 | 1166.4 |
| -55° | 126.1 | 188.0 | 256.9 | 338.6 | 422.6 | 505.5 | 594.1 | 697.0 | 807.9 | 925.2 | 1042.4 |
| -57.5° | 97.9 | 144.5 | 203.7 | 271.9 | 351.4 | 433.9 | 512.7 | 594.8 | 691.9 | 797.1 | 899.6 |
| -60° | 73.4 | 106.7 | 151.6 | 209.3 | 273.3 | 349.3 | 427.9 | 503.9 | 580.9 | 658.5 | 749.2 |
| -62.5° | 51.0 | 76.8 | 107.9 | 147.8 | 202.7 | 262.0 | 330.9 | 403.3 | 476.8 | 543.6 | 609.8 |
| -65° | 42.8 | 51.4 | 72.9 | 102.1 | 133.0 | 183.2 | 238.3 | 296.0 | 360.5 | 418.2 | 477.7 |
| -67.5° | 34.2 | 42.1 | 49.9 | 61.5 | 88.1 | 117.2 | 148.4 | 197.2 | 247.5 | 289.0 | 331.6 |
| -70° | 29.9 | 33.4 | 39.7 | 46.6 | 53.3 | 65.1 | 90.5 | 117.7 | 144.8 | 171.8 | 206.7 |
| -72.5° | 26.3 | 29.3 | 32.4 | 35.8 | 41.3 | 47.0 | 52.7 | 58.5 | 73.7 | 94.3 | 113.4 |
| -75° | 23.1 | 25.1 | 27.6 | 30.4 | 33.1 | 35.7 | 38.5 | 43.2 | 48.0 | 52.7 | 57.4 |
| -77.5° | 20.2 | 21.7 | 23.3 | 25.1 | 27.1 | 29.3 | 31.5 | 33.6 | 35.5 | 37.5 | 39.5 |
| -80° | 17.3 | 18.3 | 19.4 | 20.6 | 21.9 | 23.4 | 25.0 | 26.6 | 27.9 | 29.1 | 30.4 |
| -82.5° | 14.5 | 15.2 | 15.9 | 16.6 | 17.2 | 17.8 | 18.5 | 19.5 | 20.4 | 21.3 | 22.2 |
| -85° | 11.8 | 12.2 | 12.6 | 13.1 | 13.5 | 13.9 | 14.3 | 14.7 | 15.1 | 15.4 | 15.8 |
| -87.5° | 9.2 | 9.6 | 10.1 | 10.4 | 10.6 | 10.7 | 10.9 | 11.0 | 11.1 | 11.2 | 11.4 |
| -90° | 3.6 | 3.1 | 2.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|---------|---------|---------|---------|---------|----------|----------|----------|
| 90° | 8.1 | 8.6 | 9.2 | 9.7 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 1.0 |
| 85° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 80° | 2.7 | 2.6 | 2.5 | 2.3 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 77.5° | 4.4 | 4.1 | 3.8 | 3.5 | 3.2 | 3.0 | 2.8 | 2.5 | 2.1 | 2.0 | 2.0 |
| 75° | 5.9 | 6.0 | 6.1 | 5.8 | 5.2 | 4.8 | 4.5 | 4.1 | 3.8 | 3.8 | 3.9 |
| 72.5° | 10.8 | 10.7 | 10.3 | 10.3 | 9.6 | 9.3 | 9.4 | 9.3 | 8.9 | 9.2 | 9.5 |
| 70° | 20.8 | 21.3 | 20.9 | 19.6 | 17.4 | 15.8 | 14.9 | 13.7 | 12.3 | 12.1 | 12.7 |
| 67.5° | 32.7 | 31.2 | 29.4 | 27.0 | 23.3 | 20.3 | 18.7 | 17.2 | 15.8 | 15.4 | 15.8 |
| 65° | 41.7 | 35.4 | 31.0 | 27.5 | 24.6 | 21.7 | 19.7 | 17.8 | 15.9 | 14.7 | 14.5 |
| 62.5° | 40.2 | 33.0 | 28.3 | 25.0 | 22.3 | 19.9 | 17.5 | 15.2 | 12.9 | 11.5 | 11.5 |
| 60° | 37.8 | 29.8 | 23.6 | 20.5 | 18.1 | 16.4 | 14.3 | 12.4 | 11.0 | 10.2 | 10.3 |
| 57.5° | 32.1 | 23.5 | 18.0 | 16.6 | 14.9 | 13.0 | 11.7 | 10.9 | 10.5 | 10.2 | 10.2 |
| 55° | 24.8 | 19.9 | 16.6 | 14.8 | 13.0 | 11.3 | 10.3 | 10.5 | 10.5 | 10.2 | 10.6 |
| 52.5° | 20.5 | 17.6 | 15.3 | 13.5 | 12.7 | 12.3 | 12.0 | 12.1 | 12.3 | 12.6 | 12.9 |
| 50° | 18.3 | 16.3 | 15.2 | 14.0 | 14.0 | 14.0 | 14.0 | 14.6 | 15.2 | 15.5 | 15.3 |
| 47.5° | 18.4 | 17.6 | 18.6 | 16.2 | 16.6 | 18.1 | 18.2 | 18.4 | 19.7 | 20.1 | 19.9 |
| 45° | 23.3 | 28.1 | 28.2 | 25.9 | 24.6 | 30.0 | 30.4 | 27.5 | 42.2 | 41.3 | 31.3 |
| 42.5° | 41.4 | 44.2 | 44.4 | 46.9 | 52.0 | 68.4 | 98.7 | 126.0 | 130.2 | 114.4 | 78.5 |
| 40° | 67.0 | 64.7 | 69.8 | 83.8 | 124.2 | 161.1 | 189.0 | 272.5 | 271.8 | 212.7 | 214.2 |
| 37.5° | 109.1 | 106.6 | 114.4 | 156.8 | 169.9 | 146.8 | 206.8 | 212.6 | 182.1 | 217.0 | 220.1 |
| 35° | 187.8 | 212.9 | 185.6 | 230.4 | 232.6 | 207.9 | 223.2 | 249.1 | 212.4 | 254.2 | 272.3 |
| 32.5° | 342.3 | 386.6 | 390.8 | 387.3 | 410.4 | 432.9 | 419.7 | 482.7 | 494.0 | 535.7 | 581.7 |
| 30° | 556.1 | 641.4 | 706.6 | 694.0 | 732.3 | 799.5 | 821.4 | 917.6 | 1013.4 | 1072.8 | 1218.3 |
| 27.5° | 969.1 | 1012.1 | 1145.8 | 1239.8 | 1218.1 | 1327.9 | 1545.6 | 1613.0 | 1887.8 | 2019.3 | 2208.8 |
| 25° | 1534.5 | 1611.0 | 1801.4 | 2024.7 | 2120.3 | 2304.3 | 2658.1 | 2827.4 | 3188.3 | 3372.5 | 4067.2 |
| 22.5° | 2235.1 | 2494.0 | 2732.9 | 3033.0 | 3463.5 | 3829.1 | 4222.5 | 4883.6 | 5957.8 | 7501.2 | 9343.7 |
| 20° | 3035.0 | 3468.9 | 3830.2 | 4384.5 | 5098.1 | 5785.9 | 6803.4 | 9737.2 | 12853.2 | 19352.5 | 23768.3 |
| 17.5° | 3791.7 | 4480.5 | 4985.3 | 5721.4 | 6775.6 | 8497.0 | 12002.2 | 18560.1 | 28866.5 | 41456.7 | 53475.0 |
| 15° | 4382.2 | 5086.2 | 6021.9 | 7133.0 | 8743.1 | 12112.0 | 18514.6 | 31476.7 | 51126.7 | 70311.5 | 90497.1 |
| 12.5° | 4881.2 | 5625.8 | 6651.4 | 8156.5 | 10564.7 | 16620.0 | 28131.9 | 47657.7 | 73561.3 | 102121.3 | 132297.9 |
| 10° | 5202.4 | 6106.6 | 7334.8 | 9322.5 | 13324.5 | 21927.4 | 36893.3 | 63058.3 | 97877.0 | 135165.1 | 168705.4 |
| 7.5° | 5258.8 | 6362.2 | 7918.0 | 10335.8 | 16062.8 | 27464.1 | 47314.3 | 78094.2 | 116227.9 | 158224.9 | 200466.5 |
| 5° | 5281.4 | 6600.3 | 8410.9 | 11131.8 | 17943.9 | 31469.0 | 53317.5 | 87727.1 | 130069.5 | 173201.0 | 218662.9 |
| 2.5° | 5341.6 | 6834.0 | 8772.6 | 11688.8 | 19029.2 | 33857.1 | 56786.7 | 94627.4 | 139298.3 | 186133.9 | 236821.3 |
| 0° | 5467.0 | 7078.7 | 8850.9 | 11783.6 | 19256.5 | 33907.8 | 58787.8 | 98581.3 | 145317.3 | 192636.5 | 245506.1 |
| -2.5° | 5535.0 | 7047.3 | 8784.9 | 11590.0 | 18963.4 | 33913.1 | 56864.6 | 95830.4 | 142178.5 | 188346.9 | 241624.3 |
| -5° | 5418.3 | 6732.6 | 8378.5 | 11005.7 | 17680.5 | 31201.0 | 53044.1 | 88727.4 | 131506.6 | 173017.1 | 215859.2 |
| -7.5° | 5167.7 | 6289.9 | 7800.8 | 10176.3 | 15691.2 | 26997.3 | 46138.8 | 75439.4 | 111765.7 | 147853.2 | 181230.8 |
| -10° | 4875.9 | 5820.5 | 7059.7 | 8972.0 | 12880.0 | 21346.6 | 36101.2 | 59155.7 | 90358.0 | 121337.6 | 149505.4 |
| -12.5° | 4560.9 | 5296.6 | 6214.1 | 7536.7 | 9969.6 | 16118.0 | 27360.1 | 45030.1 | 66605.6 | 89975.9 | 115561.0 |
| -15° | 4291.8 | 4834.1 | 5529.6 | 6656.0 | 8511.8 | 12007.7 | 18365.5 | 30124.3 | 45595.4 | 63916.6 | 82776.6 |
| -17.5° | 4110.9 | 4514.1 | 5119.8 | 5979.0 | 7119.7 | 9196.2 | 13797.7 | 20769.3 | 30724.0 | 44436.2 | 56892.1 |
| -20° | 3981.0 | 4360.3 | 4840.9 | 5517.4 | 6472.8 | 7936.8 | 10188.4 | 14993.4 | 21543.9 | 30431.6 | 38886.4 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| -22.5° | 3888.4 | 4229.6 | 4635.8 | 5180.2 | 6033.4 | 7177.5 | 8614.7 | 10946.8 | 15072.0 | 20313.1 | 26191.0 |
| -25° | 3797.2 | 4080.2 | 4528.2 | 5113.6 | 5700.1 | 6518.7 | 7512.0 | 8657.0 | 10854.7 | 13184.9 | 16792.9 |
| -27.5° | 3693.0 | 4043.1 | 4543.6 | 5090.5 | 5618.8 | 6025.2 | 6730.3 | 7520.0 | 8683.7 | 9810.2 | 11663.9 |
| -30° | 3617.0 | 4064.8 | 4562.8 | 5088.3 | 5495.4 | 5854.5 | 6248.9 | 6852.4 | 7605.4 | 8401.6 | 9253.7 |
| -32.5° | 3239.0 | 3998.2 | 4509.3 | 4980.5 | 5317.2 | 5650.9 | 6000.2 | 6419.0 | 6900.4 | 7404.8 | 7922.3 |
| -35° | 2732.4 | 3540.9 | 4333.9 | 4703.3 | 5044.5 | 5381.1 | 5745.4 | 6084.6 | 6424.2 | 6765.3 | 7090.3 |
| -37.5° | 2111.5 | 2903.8 | 3652.9 | 4298.3 | 4690.1 | 5032.8 | 5421.2 | 5769.4 | 6067.2 | 6323.5 | 6573.7 |
| -40° | 1844.6 | 2121.3 | 2845.9 | 3525.2 | 4095.4 | 4638.5 | 5004.5 | 5390.2 | 5722.3 | 5958.8 | 6171.2 |
| -42.5° | 1771.2 | 1927.0 | 2087.6 | 2608.6 | 3238.2 | 3796.3 | 4292.9 | 4775.3 | 5231.9 | 5560.6 | 5813.3 |
| -45° | 1707.4 | 1839.3 | 1976.9 | 2130.6 | 2284.0 | 2773.4 | 3289.6 | 3809.2 | 4346.6 | 4827.7 | 5217.2 |
| -47.5° | 1589.4 | 1749.1 | 1884.7 | 2011.8 | 2133.9 | 2273.0 | 2416.9 | 2623.9 | 3095.5 | 3576.9 | 4015.6 |
| -50° | 1443.7 | 1593.4 | 1744.5 | 1894.8 | 2007.9 | 2114.7 | 2224.1 | 2347.5 | 2485.0 | 2625.3 | 2743.5 |
| -52.5° | 1285.0 | 1422.7 | 1562.2 | 1694.8 | 1821.3 | 1944.3 | 2064.4 | 2173.3 | 2275.7 | 2374.5 | 2432.5 |
| -55° | 1156.1 | 1266.3 | 1376.1 | 1489.8 | 1605.2 | 1717.7 | 1829.3 | 1941.9 | 2050.4 | 2153.9 | 2211.8 |
| -57.5° | 1005.8 | 1115.6 | 1220.8 | 1307.4 | 1396.9 | 1488.4 | 1583.9 | 1680.8 | 1775.9 | 1864.4 | 1914.2 |
| -60° | 842.4 | 937.7 | 1028.8 | 1112.9 | 1195.9 | 1276.9 | 1355.2 | 1432.1 | 1506.0 | 1570.3 | 1609.4 |
| -62.5° | 678.2 | 755.8 | 831.3 | 902.8 | 972.4 | 1040.8 | 1114.0 | 1183.5 | 1248.8 | 1301.7 | 1334.2 |
| -65° | 538.1 | 597.2 | 649.8 | 701.3 | 752.1 | 810.6 | 872.9 | 931.9 | 987.3 | 1030.4 | 1058.9 |
| -67.5° | 381.1 | 432.0 | 480.1 | 526.0 | 568.2 | 609.9 | 654.2 | 697.5 | 739.2 | 771.5 | 794.4 |
| -70° | 240.1 | 272.3 | 304.0 | 337.9 | 374.8 | 411.5 | 448.0 | 481.7 | 512.4 | 535.5 | 553.0 |
| -72.5° | 130.9 | 146.3 | 162.5 | 186.5 | 209.5 | 234.1 | 259.2 | 282.9 | 305.1 | 320.7 | 332.2 |
| -75° | 62.1 | 69.0 | 81.5 | 92.6 | 102.5 | 113.3 | 124.2 | 134.3 | 143.4 | 148.2 | 150.9 |
| -77.5° | 42.5 | 46.0 | 49.1 | 51.9 | 54.4 | 57.6 | 61.0 | 64.6 | 68.0 | 70.2 | 72.0 |
| -80° | 31.8 | 33.1 | 34.5 | 35.9 | 37.3 | 38.8 | 40.2 | 41.5 | 42.7 | 43.8 | 44.8 |
| -82.5° | 22.9 | 23.7 | 24.4 | 25.0 | 25.6 | 26.6 | 27.6 | 28.5 | 29.4 | 30.2 | 31.0 |
| -85° | 16.1 | 16.5 | 16.9 | 17.3 | 17.5 | 18.1 | 18.7 | 19.3 | 19.9 | 20.0 | 20.1 |
| -87.5° | 11.5 | 12.1 | 12.7 | 13.2 | 13.8 | 13.9 | 14.0 | 14.0 | 14.1 | 14.1 | 14.1 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 1.0 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 90° | 10.2 | 10.2 | 11.2 | 12.2 | 11.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 |
| 87.5° | 0.5 | 0.0 | 1.0 | 2.0 | 1.0 | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.0 |
| 85° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 80° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 77.5° | 2.0 | 2.0 | 3.0 | 4.1 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.5 |
| 75° | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 3.9 | 3.8 | 3.8 | 4.1 |
| 72.5° | 9.8 | 10.0 | 10.2 | 10.2 | 10.2 | 10.0 | 9.8 | 9.5 | 9.2 | 8.9 | 9.3 |
| 70° | 13.4 | 14.0 | 14.2 | 14.2 | 14.2 | 14.0 | 13.4 | 12.7 | 12.1 | 12.3 | 13.7 |
| 67.5° | 16.1 | 16.2 | 16.3 | 16.3 | 16.3 | 16.2 | 16.1 | 15.8 | 15.4 | 15.8 | 17.2 |
| 65° | 14.4 | 14.3 | 13.3 | 12.2 | 13.3 | 14.3 | 14.4 | 14.5 | 14.7 | 15.9 | 17.8 |
| 62.5° | 11.8 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 11.8 | 11.5 | 11.5 | 12.9 | 15.2 |
| 60° | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.3 | 10.3 | 10.3 | 10.2 | 11.0 | 12.4 |
| 57.5° | 10.2 | 10.2 | 11.0 | 12.2 | 11.0 | 10.2 | 10.2 | 10.2 | 10.2 | 10.5 | 10.9 |
| 55° | 11.2 | 11.9 | 12.2 | 12.2 | 12.2 | 11.9 | 11.2 | 10.6 | 10.2 | 10.5 | 10.5 |
| 52.5° | 12.8 | 12.4 | 12.2 | 12.2 | 12.2 | 12.4 | 12.8 | 12.9 | 12.6 | 12.3 | 12.1 |
| 50° | 14.9 | 14.4 | 14.2 | 14.2 | 14.2 | 14.4 | 14.9 | 15.3 | 15.5 | 15.2 | 14.6 |
| 47.5° | 19.5 | 18.7 | 18.2 | 18.3 | 18.2 | 18.7 | 19.5 | 19.9 | 20.1 | 19.7 | 18.4 |
| 45° | 32.0 | 32.1 | 32.2 | 32.5 | 32.2 | 32.1 | 32.0 | 31.3 | 41.3 | 42.2 | 27.5 |
| 42.5° | 75.4 | 65.2 | 56.3 | 56.9 | 56.3 | 65.2 | 75.4 | 78.5 | 114.4 | 130.2 | 126.0 |
| 40° | 193.1 | 144.5 | 96.0 | 81.3 | 96.0 | 144.5 | 193.1 | 214.2 | 212.7 | 271.8 | 272.5 |
| 37.5° | 198.8 | 202.8 | 238.6 | 321.1 | 238.6 | 202.8 | 198.8 | 220.1 | 217.0 | 182.1 | 212.6 |
| 35° | 277.9 | 282.2 | 272.2 | 266.2 | 272.2 | 282.2 | 277.9 | 272.3 | 254.2 | 212.4 | 249.1 |
| 32.5° | 590.9 | 617.1 | 613.8 | 597.5 | 613.8 | 617.1 | 590.9 | 581.7 | 535.7 | 494.0 | 482.7 |
| 30° | 1272.6 | 1339.2 | 1332.0 | 1345.4 | 1332.0 | 1339.2 | 1272.6 | 1218.3 | 1072.8 | 1013.4 | 917.6 |
| 27.5° | 2283.9 | 2366.2 | 2381.2 | 2363.6 | 2381.2 | 2366.2 | 2283.9 | 2208.8 | 2019.3 | 1887.8 | 1613.0 |
| 25° | 4533.7 | 4663.8 | 4616.3 | 4554.5 | 4616.3 | 4663.8 | 4533.7 | 4067.2 | 3372.5 | 3188.3 | 2827.4 |
| 22.5° | 11497.7 | 12012.6 | 11959.6 | 11525.5 | 11959.6 | 12012.6 | 11497.7 | 9343.7 | 7501.2 | 5957.8 | 4883.6 |
| 20° | 31589.0 | 34988.0 | 36467.3 | 34462.6 | 36467.3 | 34988.0 | 31589.0 | 23768.3 | 19352.5 | 12853.2 | 9737.2 |
| 17.5° | 66862.4 | 77218.9 | 84582.6 | 87655.4 | 84582.6 | 77218.9 | 66862.4 | 53475.0 | 41456.7 | 28866.5 | 18560.1 |
| 15° | 109369.8 | 124959.6 | 134026.3 | 132808.1 | 134026.3 | 124959.6 | 109369.8 | 90497.1 | 70311.5 | 51126.7 | 31476.7 |
| 12.5° | 157268.5 | 175746.0 | 191059.1 | 191383.6 | 191059.1 | 175746.0 | 157268.5 | 132297.9 | 102121.3 | 73561.3 | 47657.7 |
| 10° | 203598.6 | 229243.8 | 250144.2 | 254194.4 | 250144.2 | 229243.8 | 203598.6 | 168705.4 | 135165.1 | 97877.0 | 63058.3 |
| 7.5° | 238356.7 | 277670.4 | 303906.4 | 313519.9 | 303906.4 | 277670.4 | 238356.7 | 200466.5 | 158224.9 | 116227.9 | 78094.2 |
| 5° | 272706.0 | 313900.5 | 340633.4 | 345375.9 | 340633.4 | 313900.5 | 272706.0 | 218662.9 | 173201.0 | 130069.5 | 87727.1 |
| 2.5° | 295874.0 | 337428.3 | 360821.8 | 377048.1 | 360821.8 | 337428.3 | 295874.0 | 236821.3 | 186133.9 | 139298.3 | 94627.4 |
| 0° | 309445.0 | 343302.9 | 382012.1 | 399997.4 | 382012.1 | 343302.9 | 309445.0 | 245506.1 | 192636.5 | 145317.3 | 98581.3 |
| -2.5° | 299184.2 | 337273.6 | 359435.3 | 379873.1 | 359435.3 | 337273.6 | 299184.2 | 241624.3 | 188346.9 | 142178.5 | 95830.4 |
| -5° | 265201.6 | 306625.9 | 326204.7 | 328759.4 | 326204.7 | 306625.9 | 265201.6 | 215859.2 | 173017.1 | 131506.6 | 88727.4 |
| -7.5° | 216700.9 | 255270.1 | 274067.9 | 284445.0 | 274067.9 | 255270.1 | 216700.9 | 181230.8 | 147853.2 | 111765.7 | 75439.4 |
| -10° | 175421.5 | 197929.9 | 210584.2 | 211417.5 | 210584.2 | 197929.9 | 175421.5 | 149505.4 | 121337.6 | 90358.0 | 59155.7 |
| -12.5° | 135434.6 | 150532.5 | 158016.8 | 157743.1 | 158016.8 | 150532.5 | 135434.6 | 115561.0 | 89975.9 | 66605.6 | 45030.1 |
| -15° | 99384.3 | 111113.8 | 117864.7 | 121101.8 | 117864.7 | 111113.8 | 99384.3 | 82776.6 | 63916.6 | 45595.4 | 30124.3 |
| -17.5° | 70148.7 | 79466.8 | 86231.3 | 88964.2 | 86231.3 | 79466.8 | 70148.7 | 56892.1 | 44436.2 | 30724.0 | 20769.3 |
| -20° | 47822.6 | 54208.7 | 58597.5 | 60460.5 | 58597.5 | 54208.7 | 47822.6 | 38886.4 | 30431.6 | 21543.9 | 14993.4 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 31500.2 | 35781.4 | 38790.4 | 38628.9 | 38790.4 | 35781.4 | 31500.2 | 26191.0 | 20313.1 | 15072.0 | 10946.8 |
| -25° | 20080.9 | 22434.9 | 23980.5 | 24105.7 | 23980.5 | 22434.9 | 20080.9 | 16792.9 | 13184.9 | 10854.7 | 8657.0 |
| -27.5° | 13290.9 | 14325.7 | 14949.4 | 15057.7 | 14949.4 | 14325.7 | 13290.9 | 11663.9 | 9810.2 | 8683.7 | 7520.0 |
| -30° | 10059.4 | 10535.6 | 10892.1 | 10877.2 | 10892.1 | 10535.6 | 10059.4 | 9253.7 | 8401.6 | 7605.4 | 6852.4 |
| -32.5° | 8362.7 | 8597.0 | 8753.2 | 8879.3 | 8753.2 | 8597.0 | 8362.7 | 7922.3 | 7404.8 | 6900.4 | 6419.0 |
| -35° | 7313.3 | 7432.6 | 7519.7 | 7599.0 | 7519.7 | 7432.6 | 7313.3 | 7090.3 | 6765.3 | 6424.2 | 6084.6 |
| -37.5° | 6717.6 | 6800.2 | 6854.9 | 6873.4 | 6854.9 | 6800.2 | 6717.6 | 6573.7 | 6323.5 | 6067.2 | 5769.4 |
| -40° | 6252.4 | 6298.9 | 6326.6 | 6343.0 | 6326.6 | 6298.9 | 6252.4 | 6171.2 | 5958.8 | 5722.3 | 5390.2 |
| -42.5° | 5903.3 | 5967.1 | 6000.1 | 5999.5 | 6000.1 | 5967.1 | 5903.3 | 5813.3 | 5560.6 | 5231.9 | 4775.3 |
| -45° | 5440.6 | 5602.0 | 5699.8 | 5741.4 | 5699.8 | 5602.0 | 5440.6 | 5217.2 | 4827.7 | 4346.6 | 3809.2 |
| -47.5° | 4375.2 | 4681.7 | 4896.8 | 5009.7 | 4896.8 | 4681.7 | 4375.2 | 4015.6 | 3576.9 | 3095.5 | 2623.9 |
| -50° | 2849.8 | 2952.3 | 2995.4 | 2977.4 | 2995.4 | 2952.3 | 2849.8 | 2743.5 | 2625.3 | 2485.0 | 2347.5 |
| -52.5° | 2475.6 | 2512.3 | 2534.6 | 2544.5 | 2534.6 | 2512.3 | 2475.6 | 2432.5 | 2374.5 | 2275.7 | 2173.3 |
| -55° | 2260.5 | 2301.4 | 2327.7 | 2341.3 | 2327.7 | 2301.4 | 2260.5 | 2211.8 | 2153.9 | 2050.4 | 1941.9 |
| -57.5° | 1955.7 | 1988.7 | 2008.8 | 2018.1 | 2008.8 | 1988.7 | 1955.7 | 1914.2 | 1864.4 | 1775.9 | 1680.8 |
| -60° | 1642.7 | 1669.7 | 1687.5 | 1697.0 | 1687.5 | 1669.7 | 1642.7 | 1609.4 | 1570.3 | 1506.0 | 1432.1 |
| -62.5° | 1360.5 | 1380.5 | 1398.1 | 1410.5 | 1398.1 | 1380.5 | 1360.5 | 1334.2 | 1301.7 | 1248.8 | 1183.5 |
| -65° | 1082.1 | 1099.8 | 1112.6 | 1119.8 | 1112.6 | 1099.8 | 1082.1 | 1058.9 | 1030.4 | 987.3 | 931.9 |
| -67.5° | 813.2 | 827.7 | 839.7 | 847.5 | 839.7 | 827.7 | 813.2 | 794.4 | 771.5 | 739.2 | 697.5 |
| -70° | 567.1 | 577.8 | 588.2 | 595.5 | 588.2 | 577.8 | 567.1 | 553.0 | 535.5 | 512.4 | 481.7 |
| -72.5° | 341.4 | 348.1 | 351.3 | 351.6 | 351.3 | 348.1 | 341.4 | 332.2 | 320.7 | 305.1 | 282.9 |
| -75° | 152.4 | 152.8 | 156.0 | 158.5 | 156.0 | 152.8 | 152.4 | 150.9 | 148.2 | 143.4 | 134.3 |
| -77.5° | 73.4 | 74.6 | 76.0 | 77.2 | 76.0 | 74.6 | 73.4 | 72.0 | 70.2 | 68.0 | 64.6 |
| -80° | 45.7 | 46.5 | 46.6 | 46.7 | 46.6 | 46.5 | 45.7 | 44.8 | 43.8 | 42.7 | 41.5 |
| -82.5° | 31.7 | 32.4 | 32.5 | 32.5 | 32.5 | 32.4 | 31.7 | 31.0 | 30.2 | 29.4 | 28.5 |
| -85° | 20.2 | 20.3 | 20.3 | 20.3 | 20.3 | 20.3 | 20.2 | 20.1 | 20.0 | 19.9 | 19.3 |
| -87.5° | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.2 | 14.1 | 14.1 | 14.1 | 14.0 |
| -90° | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.0 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 10.2 | 10.2 | 10.2 | 9.7 | 9.2 | 8.6 | 8.1 | 8.1 | 8.1 | 8.1 | 8.1 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.2 | 2.3 | 2.3 | 2.3 |
| 80° | 2.0 | 2.0 | 2.0 | 2.3 | 2.5 | 2.6 | 2.7 | 3.0 | 3.3 | 3.6 | 3.7 |
| 77.5° | 2.8 | 3.0 | 3.2 | 3.5 | 3.8 | 4.1 | 4.4 | 4.6 | 4.9 | 5.1 | 5.1 |
| 75° | 4.5 | 4.8 | 5.2 | 5.8 | 6.1 | 6.0 | 5.9 | 5.8 | 5.8 | 5.9 | 5.9 |
| 72.5° | 9.4 | 9.3 | 9.6 | 10.3 | 10.3 | 10.7 | 10.8 | 10.1 | 8.9 | 7.3 | 6.1 |
| 70° | 14.9 | 15.8 | 17.4 | 19.6 | 20.9 | 21.3 | 20.8 | 19.2 | 16.5 | 14.4 | 11.6 |
| 67.5° | 18.7 | 20.3 | 23.3 | 27.0 | 29.4 | 31.2 | 32.7 | 33.1 | 31.6 | 28.5 | 20.5 |
| 65° | 19.7 | 21.7 | 24.6 | 27.5 | 31.0 | 35.4 | 41.7 | 44.9 | 45.1 | 42.9 | 33.2 |
| 62.5° | 17.5 | 19.9 | 22.3 | 25.0 | 28.3 | 33.0 | 40.2 | 46.8 | 53.0 | 54.7 | 44.4 |
| 60° | 14.3 | 16.4 | 18.1 | 20.5 | 23.6 | 29.8 | 37.8 | 45.5 | 52.8 | 53.2 | 49.9 |
| 57.5° | 11.7 | 13.0 | 14.9 | 16.6 | 18.0 | 23.5 | 32.1 | 42.8 | 51.6 | 50.0 | 48.0 |
| 55° | 10.3 | 11.3 | 13.0 | 14.8 | 16.6 | 19.9 | 24.8 | 32.7 | 42.2 | 45.5 | 43.8 |
| 52.5° | 12.0 | 12.3 | 12.7 | 13.5 | 15.3 | 17.6 | 20.5 | 26.0 | 30.8 | 35.3 | 38.1 |
| 50° | 14.0 | 14.0 | 14.0 | 14.0 | 15.2 | 16.3 | 18.3 | 21.3 | 24.6 | 28.2 | 31.2 |
| 47.5° | 18.2 | 18.1 | 16.6 | 16.2 | 18.6 | 17.6 | 18.4 | 19.8 | 23.0 | 24.0 | 27.0 |
| 45° | 30.4 | 30.0 | 24.6 | 25.9 | 28.2 | 28.1 | 23.3 | 25.2 | 25.6 | 25.8 | 24.3 |
| 42.5° | 98.7 | 68.4 | 52.0 | 46.9 | 44.4 | 44.2 | 41.4 | 38.6 | 35.8 | 31.8 | 32.0 |
| 40° | 189.0 | 161.1 | 124.2 | 83.8 | 69.8 | 64.7 | 67.0 | 58.4 | 52.6 | 45.7 | 47.6 |
| 37.5° | 206.8 | 146.8 | 169.9 | 156.8 | 114.4 | 106.6 | 109.1 | 93.4 | 72.9 | 85.2 | 83.2 |
| 35° | 223.2 | 207.9 | 232.6 | 230.4 | 185.6 | 212.9 | 187.8 | 151.8 | 134.0 | 153.1 | 137.9 |
| 32.5° | 419.7 | 432.9 | 410.4 | 387.3 | 390.8 | 386.6 | 342.3 | 256.8 | 259.3 | 258.0 | 226.9 |
| 30° | 821.4 | 799.5 | 732.3 | 694.0 | 706.6 | 641.4 | 556.1 | 540.6 | 475.9 | 390.5 | 340.6 |
| 27.5° | 1545.6 | 1327.9 | 1218.1 | 1239.8 | 1145.8 | 1012.1 | 969.1 | 940.8 | 768.6 | 608.9 | 485.9 |
| 25° | 2658.1 | 2304.3 | 2120.3 | 2024.7 | 1801.4 | 1611.0 | 1534.5 | 1429.7 | 1207.9 | 891.0 | 676.1 |
| 22.5° | 4222.5 | 3829.1 | 3463.5 | 3033.0 | 2732.9 | 2494.0 | 2235.1 | 1985.8 | 1723.3 | 1297.9 | 964.7 |
| 20° | 6803.4 | 5785.9 | 5098.1 | 4384.5 | 3830.2 | 3468.9 | 3035.0 | 2608.8 | 2247.3 | 1811.1 | 1296.6 |
| 17.5° | 12002.2 | 8497.0 | 6775.6 | 5721.4 | 4985.3 | 4480.5 | 3791.7 | 3163.7 | 2749.5 | 2357.7 | 1652.1 |
| 15° | 18514.6 | 12112.0 | 8743.1 | 7133.0 | 6021.9 | 5086.2 | 4382.2 | 3659.1 | 3231.8 | 2857.7 | 2080.5 |
| 12.5° | 28131.9 | 16620.0 | 10564.7 | 8156.5 | 6651.4 | 5625.8 | 4881.2 | 4176.7 | 3622.4 | 3115.8 | 2386.0 |
| 10° | 36893.3 | 21927.4 | 13324.5 | 9322.5 | 7334.8 | 6106.6 | 5202.4 | 4375.6 | 3728.8 | 3252.3 | 2640.7 |
| 7.5° | 47314.3 | 27464.1 | 16062.8 | 10335.8 | 7918.0 | 6362.2 | 5258.8 | 4402.7 | 3791.7 | 3349.1 | 2846.4 |
| 5° | 53317.5 | 31469.0 | 17943.9 | 11131.8 | 8410.9 | 6600.3 | 5281.4 | 4354.5 | 3816.8 | 3412.1 | 3004.9 |
| 2.5° | 56786.7 | 33857.1 | 19029.2 | 11688.8 | 8772.6 | 6834.0 | 5341.6 | 4361.7 | 3847.6 | 3453.8 | 3065.9 |
| 0° | 58787.8 | 33907.8 | 19256.5 | 11783.6 | 8850.9 | 7078.7 | 5467.0 | 4434.6 | 3873.7 | 3479.4 | 3087.1 |
| -2.5° | 56864.6 | 33913.1 | 18963.4 | 11590.0 | 8784.9 | 7047.3 | 5535.0 | 4513.5 | 3936.0 | 3494.1 | 3078.8 |
| -5° | 53044.1 | 31201.0 | 17680.5 | 11005.7 | 8378.5 | 6732.6 | 5418.3 | 4483.1 | 3920.6 | 3472.9 | 3034.9 |
| -7.5° | 46138.8 | 26997.3 | 15691.2 | 10176.3 | 7800.8 | 6289.9 | 5167.7 | 4326.6 | 3773.8 | 3353.6 | 2896.6 |
| -10° | 36101.2 | 21346.6 | 12880.0 | 8972.0 | 7059.7 | 5820.5 | 4875.9 | 4127.4 | 3608.4 | 3221.4 | 2732.5 |
| -12.5° | 27360.1 | 16118.0 | 9969.6 | 7536.7 | 6214.1 | 5296.6 | 4560.9 | 3912.6 | 3426.6 | 3078.6 | 2547.4 |
| -15° | 18365.5 | 12007.7 | 8511.8 | 6656.0 | 5529.6 | 4834.1 | 4291.8 | 3777.4 | 3360.7 | 2969.8 | 2345.7 |
| -17.5° | 13797.7 | 9196.2 | 7119.7 | 5979.0 | 5119.8 | 4514.1 | 4110.9 | 3709.7 | 3325.0 | 2883.2 | 2158.6 |
| -20° | 10188.4 | 7936.8 | 6472.8 | 5517.4 | 4840.9 | 4360.3 | 3981.0 | 3650.0 | 3268.1 | 2671.4 | 1931.6 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 8614.7 | 7177.5 | 6033.4 | 5180.2 | 4635.8 | 4229.6 | 3888.4 | 3573.5 | 3186.0 | 2391.7 | 1680.5 |
| -25° | 7512.0 | 6518.7 | 5700.1 | 5113.6 | 4528.2 | 4080.2 | 3797.2 | 3470.6 | 2870.5 | 2077.2 | 1445.8 |
| -27.5° | 6730.3 | 6025.2 | 5618.8 | 5090.5 | 4543.6 | 4043.1 | 3693.0 | 3309.1 | 2511.9 | 1787.5 | 1422.0 |
| -30° | 6248.9 | 5854.5 | 5495.4 | 5088.3 | 4562.8 | 4064.8 | 3617.0 | 2889.6 | 2145.9 | 1541.2 | 1404.6 |
| -32.5° | 6000.2 | 5650.9 | 5317.2 | 4980.5 | 4509.3 | 3998.2 | 3239.0 | 2439.8 | 1734.5 | 1512.6 | 1373.9 |
| -35° | 5745.4 | 5381.1 | 5044.5 | 4703.3 | 4333.9 | 3540.9 | 2732.4 | 1960.1 | 1615.9 | 1470.8 | 1332.7 |
| -37.5° | 5421.2 | 5032.8 | 4690.1 | 4298.3 | 3652.9 | 2903.8 | 2111.5 | 1735.9 | 1566.5 | 1416.5 | 1267.8 |
| -40° | 5004.5 | 4638.5 | 4095.4 | 3525.2 | 2845.9 | 2121.3 | 1844.6 | 1676.2 | 1517.2 | 1344.7 | 1188.9 |
| -42.5° | 4292.9 | 3796.3 | 3238.2 | 2608.6 | 2087.6 | 1927.0 | 1771.2 | 1620.1 | 1452.0 | 1269.6 | 1106.7 |
| -45° | 3289.6 | 2773.4 | 2284.0 | 2130.6 | 1976.9 | 1839.3 | 1707.4 | 1538.3 | 1359.5 | 1185.3 | 1021.9 |
| -47.5° | 2416.9 | 2273.0 | 2133.9 | 2011.8 | 1884.7 | 1749.1 | 1589.4 | 1426.7 | 1253.0 | 1090.9 | 952.9 |
| -50° | 2224.1 | 2114.7 | 2007.9 | 1894.8 | 1744.5 | 1593.4 | 1443.7 | 1293.8 | 1141.7 | 1006.6 | 876.6 |
| -52.5° | 2064.4 | 1944.3 | 1821.3 | 1694.8 | 1562.2 | 1422.7 | 1285.0 | 1166.4 | 1041.3 | 912.8 | 792.3 |
| -55° | 1829.3 | 1717.7 | 1605.2 | 1489.8 | 1376.1 | 1266.3 | 1156.1 | 1042.4 | 925.2 | 807.9 | 697.0 |
| -57.5° | 1583.9 | 1488.4 | 1396.9 | 1307.4 | 1220.8 | 1115.6 | 1005.8 | 899.6 | 797.1 | 691.9 | 594.8 |
| -60° | 1355.2 | 1276.9 | 1195.9 | 1112.9 | 1028.8 | 937.7 | 842.4 | 749.2 | 658.5 | 580.9 | 503.9 |
| -62.5° | 1114.0 | 1040.8 | 972.4 | 902.8 | 831.3 | 755.8 | 678.2 | 609.8 | 543.6 | 476.8 | 403.3 |
| -65° | 872.9 | 810.6 | 752.1 | 701.3 | 649.8 | 597.2 | 538.1 | 477.7 | 418.2 | 360.5 | 296.0 |
| -67.5° | 654.2 | 609.9 | 568.2 | 526.0 | 480.1 | 432.0 | 381.1 | 331.6 | 289.0 | 247.5 | 197.2 |
| -70° | 448.0 | 411.5 | 374.8 | 337.9 | 304.0 | 272.3 | 240.1 | 206.7 | 171.8 | 144.8 | 117.7 |
| -72.5° | 259.2 | 234.1 | 209.5 | 186.5 | 162.5 | 146.3 | 130.9 | 113.4 | 94.3 | 73.7 | 58.5 |
| -75° | 124.2 | 113.3 | 102.5 | 92.6 | 81.5 | 69.0 | 62.1 | 57.4 | 52.7 | 48.0 | 43.2 |
| -77.5° | 61.0 | 57.6 | 54.4 | 51.9 | 49.1 | 46.0 | 42.5 | 39.5 | 37.5 | 35.5 | 33.6 |
| -80° | 40.2 | 38.8 | 37.3 | 35.9 | 34.5 | 33.1 | 31.8 | 30.4 | 29.1 | 27.9 | 26.6 |
| -82.5° | 27.6 | 26.6 | 25.6 | 25.0 | 24.4 | 23.7 | 22.9 | 22.2 | 21.3 | 20.4 | 19.5 |
| -85° | 18.7 | 18.1 | 17.5 | 17.3 | 16.9 | 16.5 | 16.1 | 15.8 | 15.4 | 15.1 | 14.7 |
| -87.5° | 14.0 | 13.9 | 13.8 | 13.2 | 12.7 | 12.1 | 11.5 | 11.4 | 11.2 | 11.1 | 11.0 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 90° | 8.1 | 8.1 | 8.1 | 8.1 | 7.6 | 7.1 | 6.6 | 6.1 | 6.1 | 6.1 | 6.1 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 | 3.1 | 3.6 | 4.1 | 4.1 | 4.1 | 4.1 |
| 85° | 2.2 | 2.3 | 2.3 | 2.3 | 2.7 | 3.1 | 3.6 | 4.1 | 4.1 | 4.1 | 4.1 |
| 82.5° | 2.6 | 3.0 | 3.3 | 3.5 | 3.5 | 3.6 | 3.8 | 4.1 | 4.2 | 4.1 | 4.1 |
| 80° | 3.6 | 3.7 | 3.9 | 4.1 | 4.1 | 4.1 | 4.0 | 4.1 | 4.4 | 4.5 | 4.4 |
| 77.5° | 4.6 | 4.3 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 4.6 | 4.9 | 4.9 |
| 75° | 5.4 | 4.8 | 4.3 | 4.2 | 4.2 | 4.1 | 4.1 | 4.3 | 4.7 | 5.2 | 5.4 |
| 72.5° | 5.9 | 5.4 | 4.7 | 4.3 | 4.6 | 4.7 | 4.4 | 4.3 | 4.8 | 5.3 | 5.8 |
| 70° | 8.7 | 6.6 | 5.7 | 5.3 | 5.2 | 5.3 | 5.2 | 4.9 | 4.9 | 5.3 | 5.8 |
| 67.5° | 13.4 | 10.1 | 7.8 | 6.3 | 5.8 | 5.7 | 6.0 | 5.6 | 5.3 | 5.4 | 5.9 |
| 65° | 23.9 | 16.0 | 10.0 | 8.0 | 6.6 | 6.0 | 6.1 | 6.1 | 5.8 | 5.7 | 5.9 |
| 62.5° | 34.0 | 23.8 | 16.3 | 10.6 | 7.5 | 6.4 | 6.1 | 6.4 | 6.2 | 5.9 | 6.0 |
| 60° | 44.3 | 33.1 | 23.1 | 16.3 | 10.3 | 6.6 | 6.3 | 6.6 | 6.5 | 6.1 | 6.1 |
| 57.5° | 44.7 | 41.1 | 32.4 | 22.8 | 15.2 | 8.9 | 6.6 | 7.0 | 7.0 | 6.5 | 6.1 |
| 55° | 42.6 | 40.5 | 38.8 | 31.0 | 20.9 | 13.1 | 8.2 | 7.4 | 7.4 | 7.0 | 6.2 |
| 52.5° | 37.8 | 39.9 | 40.3 | 36.8 | 28.0 | 17.7 | 12.0 | 8.0 | 8.0 | 7.5 | 6.7 |
| 50° | 32.8 | 38.2 | 41.2 | 39.6 | 34.1 | 24.4 | 15.5 | 10.7 | 8.7 | 8.1 | 7.3 |
| 47.5° | 30.8 | 37.1 | 41.4 | 42.4 | 37.8 | 30.8 | 20.7 | 13.5 | 9.4 | 8.8 | 7.9 |
| 45° | 31.2 | 36.3 | 41.8 | 43.9 | 42.0 | 35.4 | 26.4 | 16.0 | 11.5 | 9.5 | 8.4 |
| 42.5° | 33.6 | 38.1 | 41.8 | 46.3 | 44.7 | 39.2 | 31.9 | 20.5 | 13.5 | 10.1 | 9.0 |
| 40° | 45.6 | 42.5 | 43.4 | 48.4 | 48.0 | 42.8 | 35.4 | 25.3 | 15.2 | 11.0 | 9.5 |
| 37.5° | 61.8 | 54.1 | 49.1 | 55.4 | 52.9 | 46.5 | 38.6 | 29.8 | 17.5 | 12.4 | 10.0 |
| 35° | 105.4 | 72.6 | 72.1 | 72.4 | 63.0 | 50.9 | 41.6 | 33.6 | 21.6 | 13.6 | 10.5 |
| 32.5° | 160.8 | 125.2 | 121.9 | 101.4 | 76.7 | 55.9 | 45.3 | 36.9 | 25.7 | 14.7 | 11.0 |
| 30° | 267.8 | 240.7 | 190.6 | 138.9 | 98.2 | 68.9 | 50.6 | 40.3 | 29.8 | 15.7 | 11.6 |
| 27.5° | 443.8 | 383.2 | 283.8 | 202.3 | 134.4 | 85.8 | 58.0 | 43.9 | 33.9 | 17.6 | 12.4 |
| 25° | 625.6 | 548.4 | 422.1 | 283.6 | 176.2 | 119.8 | 66.5 | 47.6 | 37.2 | 20.8 | 13.2 |
| 22.5° | 801.7 | 720.2 | 578.2 | 375.9 | 237.3 | 163.6 | 85.0 | 54.3 | 40.1 | 23.9 | 13.8 |
| 20° | 973.2 | 896.2 | 737.9 | 460.1 | 309.1 | 217.1 | 116.9 | 61.4 | 42.9 | 26.8 | 14.4 |
| 17.5° | 1162.6 | 1031.5 | 827.7 | 558.8 | 380.3 | 271.0 | 153.8 | 68.9 | 45.8 | 29.5 | 14.9 |
| 15° | 1395.2 | 1111.6 | 914.2 | 646.5 | 443.7 | 324.9 | 194.3 | 76.6 | 48.5 | 32.1 | 15.5 |
| 12.5° | 1603.4 | 1185.7 | 999.4 | 723.4 | 499.8 | 378.1 | 237.2 | 84.4 | 51.1 | 35.1 | 16.4 |
| 10° | 1799.0 | 1253.8 | 1081.7 | 789.7 | 549.3 | 430.0 | 281.0 | 93.0 | 55.3 | 38.4 | 17.3 |
| 7.5° | 1977.6 | 1316.0 | 1159.1 | 845.9 | 589.9 | 465.8 | 308.1 | 103.7 | 59.6 | 41.5 | 18.1 |
| 5° | 2123.3 | 1365.5 | 1213.0 | 884.1 | 609.8 | 483.1 | 327.7 | 113.9 | 63.7 | 44.3 | 18.9 |
| 2.5° | 2191.8 | 1399.5 | 1246.2 | 912.7 | 626.7 | 496.5 | 342.2 | 123.5 | 67.6 | 46.7 | 19.6 |
| 0° | 2227.5 | 1428.7 | 1268.2 | 932.8 | 640.2 | 506.1 | 351.6 | 132.1 | 71.1 | 48.8 | 20.3 |
| -2.5° | 2232.7 | 1435.2 | 1273.8 | 953.3 | 661.6 | 520.0 | 364.0 | 155.6 | 89.4 | 60.0 | 26.6 |
| -5° | 2204.6 | 1436.1 | 1269.7 | 964.8 | 678.6 | 530.0 | 372.3 | 177.6 | 106.9 | 70.5 | 32.8 |
| -7.5° | 2109.0 | 1414.4 | 1247.9 | 965.8 | 690.9 | 536.1 | 377.2 | 197.9 | 123.4 | 80.2 | 38.5 |
| -10° | 1974.0 | 1376.5 | 1205.9 | 949.4 | 702.4 | 544.7 | 381.2 | 216.1 | 138.4 | 88.7 | 43.6 |
| -12.5° | 1809.0 | 1333.8 | 1162.8 | 929.5 | 710.9 | 556.5 | 394.0 | 234.5 | 151.8 | 96.0 | 48.0 |
| -15° | 1615.0 | 1286.6 | 1121.1 | 907.8 | 716.0 | 566.0 | 403.0 | 250.7 | 163.9 | 102.4 | 51.6 |
| -17.5° | 1401.8 | 1235.2 | 1083.1 | 885.9 | 717.8 | 573.7 | 408.2 | 263.2 | 174.1 | 108.1 | 55.0 |
| -20° | 1354.4 | 1204.6 | 1049.6 | 865.1 | 716.6 | 579.9 | 409.8 | 271.4 | 182.1 | 111.9 | 57.9 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1336.3 | 1190.9 | 1027.9 | 855.6 | 714.7 | 585.0 | 407.8 | 275.1 | 187.7 | 113.7 | 59.5 |
| -25° | 1317.6 | 1174.3 | 1003.5 | 842.2 | 714.4 | 578.0 | 406.6 | 274.0 | 190.9 | 113.4 | 59.8 |
| -27.5° | 1295.5 | 1151.0 | 972.9 | 821.0 | 700.0 | 567.2 | 404.0 | 276.6 | 191.1 | 110.8 | 58.6 |
| -30° | 1270.6 | 1111.6 | 942.1 | 794.6 | 680.3 | 538.4 | 394.9 | 276.1 | 187.6 | 108.3 | 56.0 |
| -32.5° | 1235.2 | 1065.9 | 903.7 | 768.9 | 647.9 | 506.8 | 374.5 | 272.2 | 181.1 | 105.1 | 54.1 |
| -35° | 1175.0 | 1013.3 | 857.3 | 736.9 | 609.9 | 477.0 | 352.9 | 264.6 | 171.4 | 99.7 | 51.7 |
| -37.5° | 1108.3 | 953.5 | 816.5 | 696.9 | 570.3 | 444.4 | 336.2 | 247.8 | 158.5 | 92.1 | 48.2 |
| -40° | 1038.1 | 895.2 | 771.5 | 652.1 | 530.8 | 408.9 | 315.9 | 226.8 | 146.5 | 82.3 | 43.4 |
| -42.5° | 963.8 | 840.6 | 721.8 | 606.0 | 489.2 | 382.5 | 291.9 | 202.7 | 131.0 | 73.8 | 37.3 |
| -45° | 898.3 | 781.1 | 668.0 | 556.1 | 446.6 | 352.4 | 261.7 | 176.7 | 113.1 | 65.5 | 32.4 |
| -47.5° | 828.0 | 718.4 | 609.3 | 501.9 | 408.4 | 317.4 | 227.9 | 153.7 | 93.1 | 55.4 | 30.3 |
| -50° | 756.2 | 650.5 | 545.8 | 451.0 | 364.6 | 275.7 | 192.9 | 128.3 | 79.2 | 43.4 | 27.7 |
| -52.5° | 680.0 | 576.9 | 484.1 | 398.8 | 313.1 | 230.2 | 160.9 | 101.5 | 64.1 | 37.0 | 24.8 |
| -55° | 594.1 | 505.5 | 422.6 | 338.6 | 256.9 | 188.0 | 126.1 | 82.7 | 47.9 | 32.9 | 21.7 |
| -57.5° | 512.7 | 433.9 | 351.4 | 271.9 | 203.7 | 144.5 | 97.9 | 62.6 | 40.1 | 28.5 | 20.6 |
| -60° | 427.9 | 349.3 | 273.3 | 209.3 | 151.6 | 106.7 | 73.4 | 46.2 | 34.7 | 24.5 | 19.3 |
| -62.5° | 330.9 | 262.0 | 202.7 | 147.8 | 107.9 | 76.8 | 51.0 | 39.6 | 28.9 | 22.9 | 18.0 |
| -65° | 238.3 | 183.2 | 133.0 | 102.1 | 72.9 | 51.4 | 42.8 | 32.6 | 26.0 | 21.1 | 16.7 |
| -67.5° | 148.4 | 117.2 | 88.1 | 61.5 | 49.9 | 42.1 | 34.2 | 28.6 | 23.8 | 19.3 | 15.8 |
| -70° | 90.5 | 65.1 | 53.3 | 46.6 | 39.7 | 33.4 | 29.9 | 25.9 | 21.4 | 17.9 | 14.7 |
| -72.5° | 52.7 | 47.0 | 41.3 | 35.8 | 32.4 | 29.3 | 26.3 | 23.1 | 19.7 | 16.5 | 13.6 |
| -75° | 38.5 | 35.7 | 33.1 | 30.4 | 27.6 | 25.1 | 23.1 | 20.9 | 17.8 | 15.0 | 12.4 |
| -77.5° | 31.5 | 29.3 | 27.1 | 25.1 | 23.3 | 21.7 | 20.2 | 18.6 | 15.9 | 13.5 | 11.2 |
| -80° | 25.0 | 23.4 | 21.9 | 20.6 | 19.4 | 18.3 | 17.3 | 16.2 | 14.0 | 11.9 | 9.9 |
| -82.5° | 18.5 | 17.8 | 17.2 | 16.6 | 15.9 | 15.2 | 14.5 | 13.7 | 11.9 | 10.2 | 8.8 |
| -85° | 14.3 | 13.9 | 13.5 | 13.1 | 12.6 | 12.2 | 11.8 | 11.2 | 10.0 | 8.8 | 7.9 |
| -87.5° | 10.9 | 10.7 | 10.6 | 10.4 | 10.1 | 9.6 | 9.2 | 8.7 | 8.0 | 7.5 | 7.0 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 | 3.1 | 3.6 | 4.1 | 4.1 | 4.1 | 4.1 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| 90° | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 5.1 | 4.1 |
| 87.5° | 4.1 | 4.2 | 4.3 | 4.3 | 4.3 | 4.2 | 4.1 |
| 85° | 4.1 | 4.3 | 4.4 | 4.5 | 4.4 | 4.3 | 4.1 |
| 82.5° | 4.1 | 4.4 | 4.6 | 4.7 | 4.6 | 4.4 | 4.1 |
| 80° | 4.2 | 4.6 | 4.8 | 4.9 | 4.8 | 4.4 | 4.1 |
| 77.5° | 4.7 | 4.8 | 5.0 | 5.1 | 5.0 | 4.5 | 4.1 |
| 75° | 5.2 | 5.1 | 5.2 | 5.3 | 5.1 | 4.6 | 4.1 |
| 72.5° | 5.7 | 5.4 | 5.4 | 5.5 | 5.3 | 4.7 | 4.1 |
| 70° | 6.1 | 5.7 | 5.5 | 5.7 | 5.5 | 4.8 | 4.1 |
| 67.5° | 6.1 | 6.0 | 5.7 | 5.8 | 5.6 | 4.9 | 4.1 |
| 65° | 6.1 | 6.1 | 5.8 | 5.8 | 5.8 | 4.9 | 4.1 |
| 62.5° | 6.1 | 6.1 | 6.0 | 5.9 | 5.9 | 5.0 | 4.1 |
| 60° | 6.1 | 6.1 | 6.1 | 5.9 | 6.1 | 5.1 | 4.1 |
| 57.5° | 6.2 | 6.1 | 6.1 | 6.0 | 6.1 | 5.2 | 4.1 |
| 55° | 6.3 | 6.1 | 6.1 | 6.0 | 6.1 | 5.2 | 4.1 |
| 52.5° | 6.5 | 6.1 | 6.1 | 6.1 | 6.1 | 5.3 | 4.1 |
| 50° | 6.7 | 6.3 | 6.1 | 6.1 | 6.1 | 5.4 | 4.1 |
| 47.5° | 6.9 | 6.5 | 6.1 | 6.1 | 6.1 | 5.5 | 4.1 |
| 45° | 7.4 | 6.7 | 6.1 | 6.1 | 6.1 | 5.5 | 4.1 |
| 42.5° | 7.9 | 7.0 | 6.1 | 6.1 | 6.1 | 5.6 | 4.1 |
| 40° | 8.3 | 7.2 | 6.2 | 6.1 | 6.1 | 5.6 | 4.1 |
| 37.5° | 8.8 | 7.5 | 6.4 | 6.1 | 6.1 | 5.7 | 4.1 |
| 35° | 9.2 | 7.8 | 6.6 | 6.1 | 6.1 | 5.7 | 4.1 |
| 32.5° | 9.6 | 8.2 | 6.8 | 6.1 | 6.1 | 5.8 | 4.1 |
| 30° | 10.0 | 8.5 | 7.0 | 6.1 | 6.1 | 5.8 | 4.1 |
| 27.5° | 10.4 | 8.8 | 7.2 | 6.1 | 6.1 | 5.9 | 4.1 |
| 25° | 10.8 | 9.1 | 7.3 | 6.1 | 6.1 | 5.9 | 4.1 |
| 22.5° | 11.1 | 9.4 | 7.5 | 6.1 | 6.1 | 5.9 | 4.1 |
| 20° | 11.4 | 9.6 | 7.6 | 6.1 | 6.1 | 6.0 | 4.1 |
| 17.5° | 11.7 | 9.7 | 7.7 | 6.1 | 6.1 | 6.0 | 4.1 |
| 15° | 12.1 | 9.8 | 7.8 | 6.1 | 6.1 | 6.0 | 4.1 |
| 12.5° | 12.5 | 9.9 | 7.9 | 6.1 | 6.1 | 6.1 | 4.1 |
| 10° | 12.9 | 10.0 | 8.0 | 6.1 | 6.1 | 6.1 | 4.1 |
| 7.5° | 13.2 | 10.1 | 8.0 | 6.1 | 6.1 | 6.1 | 4.1 |
| 5° | 13.6 | 10.2 | 8.1 | 6.1 | 6.1 | 6.1 | 4.1 |
| 2.5° | 13.9 | 10.2 | 8.1 | 6.1 | 6.1 | 6.1 | 4.1 |
| 0° | 14.2 | 10.2 | 8.1 | 6.1 | 6.1 | 6.1 | 4.1 |
| -2.5° | 16.6 | 11.1 | 8.5 | 6.4 | 6.2 | 6.1 | 4.1 |
| -5° | 18.9 | 11.9 | 8.8 | 6.6 | 6.3 | 6.1 | 4.1 |
| -7.5° | 21.1 | 12.7 | 9.1 | 6.9 | 6.4 | 6.1 | 4.1 |
| -10° | 23.1 | 13.5 | 9.4 | 7.1 | 6.4 | 6.1 | 4.1 |
| -12.5° | 24.8 | 14.1 | 9.7 | 7.4 | 6.5 | 6.1 | 4.1 |
| -15° | 26.2 | 14.7 | 10.0 | 7.6 | 6.6 | 6.0 | 4.1 |
| -17.5° | 27.3 | 15.2 | 10.2 | 7.8 | 6.6 | 6.0 | 4.1 |
| -20° | 28.2 | 15.5 | 10.4 | 8.0 | 6.7 | 6.0 | 4.1 |



REPORT NUMBER: P701731 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-57-80-3S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 29.2 | 15.7 | 10.7 | 8.2 | 6.7 | 6.0 | 4.1 |
| -25° | 29.5 | 15.9 | 10.8 | 8.3 | 6.8 | 6.0 | 4.1 |
| -27.5° | 29.0 | 16.0 | 11.0 | 8.5 | 6.8 | 5.9 | 4.1 |
| -30° | 27.9 | 15.9 | 11.1 | 8.5 | 6.8 | 5.9 | 4.1 |
| -32.5° | 25.9 | 15.7 | 11.3 | 8.6 | 6.8 | 5.9 | 4.1 |
| -35° | 24.9 | 15.2 | 11.3 | 8.7 | 6.8 | 5.8 | 4.1 |
| -37.5° | 24.2 | 14.8 | 11.3 | 8.7 | 6.8 | 5.8 | 4.1 |
| -40° | 23.3 | 14.8 | 11.2 | 8.6 | 6.8 | 5.8 | 4.1 |
| -42.5° | 22.1 | 14.7 | 11.2 | 8.6 | 6.7 | 5.8 | 4.1 |
| -45° | 20.6 | 14.5 | 11.0 | 8.5 | 6.7 | 5.7 | 4.1 |
| -47.5° | 18.8 | 14.2 | 10.9 | 8.4 | 6.6 | 5.7 | 4.1 |
| -50° | 18.1 | 13.8 | 10.7 | 8.2 | 6.5 | 5.7 | 4.1 |
| -52.5° | 17.5 | 13.4 | 10.5 | 8.1 | 6.4 | 5.6 | 4.1 |
| -55° | 16.8 | 13.0 | 10.2 | 7.9 | 6.3 | 5.6 | 4.1 |
| -57.5° | 15.9 | 12.6 | 9.9 | 7.8 | 6.2 | 5.6 | 4.1 |
| -60° | 15.0 | 12.1 | 9.6 | 7.6 | 6.1 | 5.5 | 4.1 |
| -62.5° | 14.3 | 11.6 | 9.2 | 7.3 | 6.1 | 5.5 | 4.1 |
| -65° | 13.6 | 11.0 | 8.9 | 7.1 | 6.1 | 5.5 | 4.1 |
| -67.5° | 12.8 | 10.5 | 8.5 | 6.8 | 6.1 | 5.4 | 4.1 |
| -70° | 12.0 | 9.8 | 8.0 | 6.6 | 6.1 | 5.4 | 4.1 |
| -72.5° | 11.1 | 9.2 | 7.6 | 6.5 | 6.1 | 5.4 | 4.1 |
| -75° | 10.1 | 8.5 | 7.1 | 6.4 | 6.1 | 5.3 | 4.1 |
| -77.5° | 9.2 | 7.8 | 6.9 | 6.4 | 6.1 | 5.3 | 4.1 |
| -80° | 8.2 | 7.4 | 6.8 | 6.3 | 6.1 | 5.3 | 4.1 |
| -82.5° | 7.6 | 7.1 | 6.6 | 6.3 | 6.1 | 5.2 | 4.1 |
| -85° | 7.1 | 6.7 | 6.4 | 6.2 | 6.1 | 5.2 | 4.1 |
| -87.5° | 6.6 | 6.4 | 6.3 | 6.2 | 6.1 | 5.1 | 4.1 |
| -90° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |

(END OF REPORT)

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





Horizontal Angle (degrees)



Horizontal Angle (degrees)

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

