

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: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0680R-40-70-4S-CV1-S**

Issue Date: 8/29/2023

Test Information

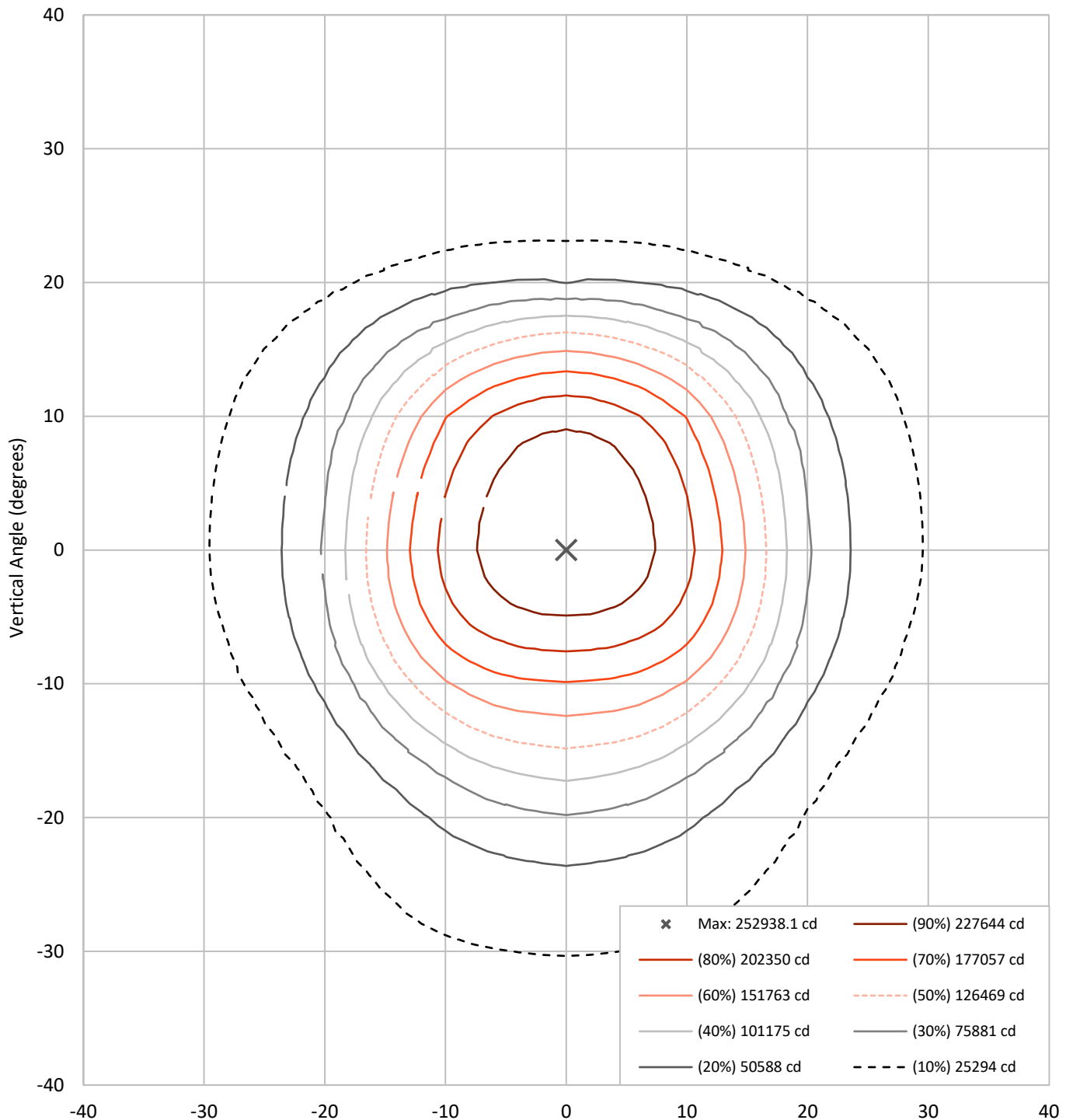
Test Method: LM-79-08
Report Number: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 8/29/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08-0680R-40-70-4S-CV1-S
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 86181.2 lumens | Max Intensity: | 252938.1 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 123.6 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 33.1°H x 31.1°V | Field Angle (10%): | 59.1°H x 53.4°V |
| Beam Lumens: | 47101.4 lumens | Field Lumens: | 75895.7 lumens |
| Beam Efficiency: | 54.7% | Field Efficiency: | 88.1% |
| 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 | | |

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CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

Iso-Candela Plot





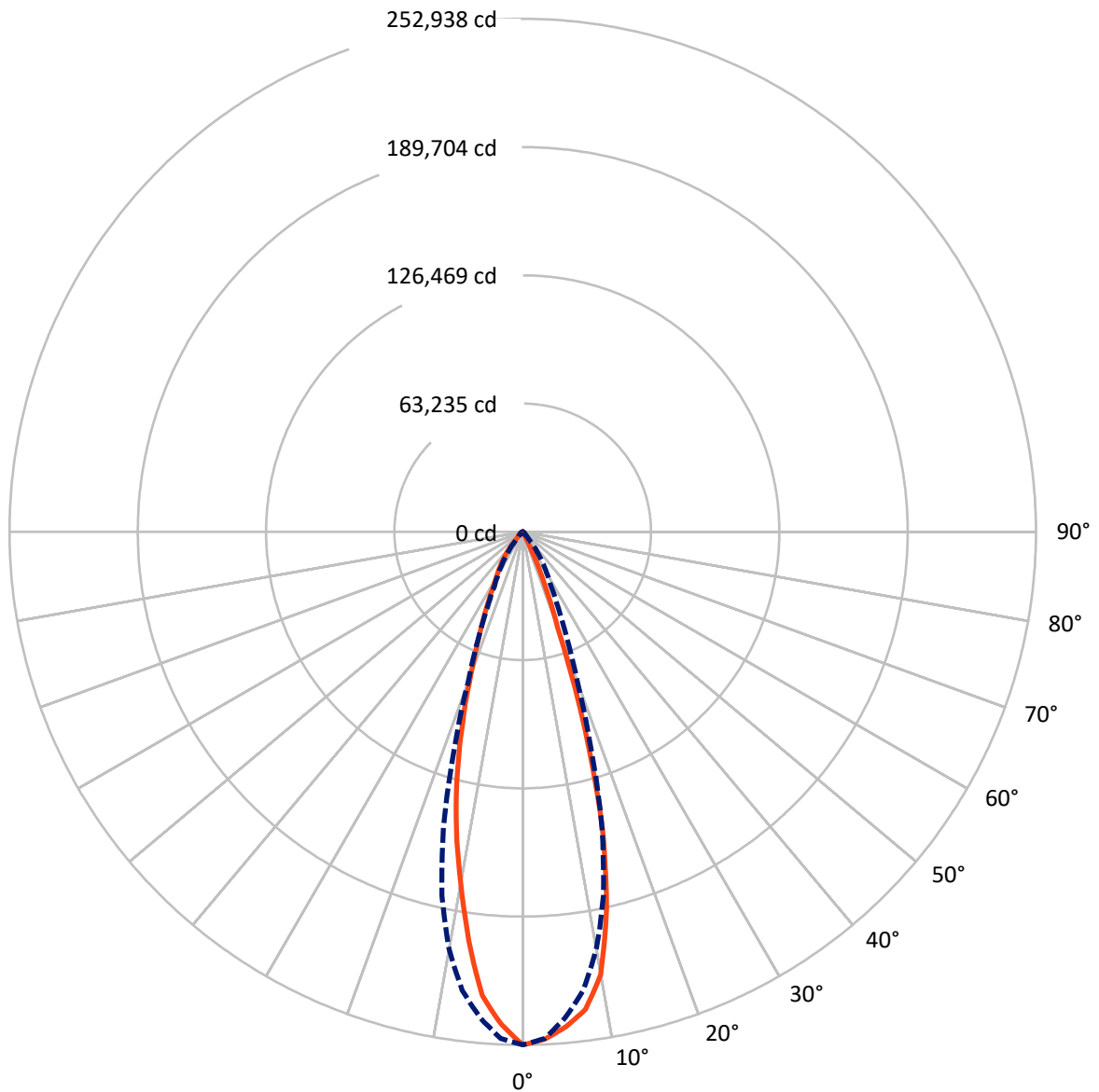
REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|-----|-----|--|--|--|
| 90 | 0.1 | 0.2 | 0.4 | 0.5 | 0.4 | 0.5 | 0.4 | 0.2 | 0.1 | | | | | | | | | | |
| 80 | 0.1 | 0.2 | 0.4 | 0.5 | 0.4 | 0.5 | 0.4 | 0.2 | 0.1 | | | | | | | | | | |
| 70 | 0.1 | 0.1 | 0.1 | 0.5 | 0.7 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.7 | 0.5 | 0.1 | 0.1 | 0.1 | | | |
| 60 | | 0.1 | 0.3 | 0.9 | 0.9 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.9 | 0.9 | 0.3 | 0.1 | | | | |
| 50 | 0.1 | 0.1 | 0.4 | 0.6 | 0.7 | 0.8 | 1.0 | 1.0 | 1.0 | 1.0 | 0.8 | 0.7 | 0.6 | 0.4 | 0.1 | 0.1 | | | |
| 40 | | 0.2 | 0.9 | 2.5 | 4.7 | 8.1 | 12.3 | 15.2 | 15.2 | 12.3 | 8.1 | 4.7 | 2.5 | 0.9 | 0.2 | | | | |
| 30 | 0.1 | 0.5 | 4.2 | 12.9 | 51.2 | 159.7 | 319.8 | 519.3 | 519.3 | 319.8 | 159.7 | 51.2 | 12.9 | 4.2 | 0.5 | 0.1 | | | |
| 20 | | 1.3 | 9.6 | 31.3 | 211.4 | 722.1 | 2155.1 | 4017.9 | 4017.9 | 2155.1 | 722.1 | 211.4 | 31.3 | 9.6 | 1.3 | | | | |
| 10 | 0.3 | 2.1 | 13.2 | 44.6 | 329.4 | 1173.3 | 4023.3 | 6891.1 | 6891.1 | 4023.3 | 1173.3 | 329.4 | 44.6 | 13.2 | 2.1 | 0.3 | | | |
| 0 | | 2.7 | 14.1 | 45.9 | 325.2 | 1131.8 | 3894.2 | 6414.4 | 6414.4 | 3894.2 | 1131.8 | 325.2 | 45.9 | 14.1 | 2.7 | | | | |
| -10 | 0.5 | 3.3 | 13.5 | 35.4 | 193.3 | 639.5 | 1965.2 | 3503.0 | 3503.0 | 1965.2 | 639.5 | 193.3 | 35.4 | 13.5 | 3.3 | 0.5 | | | |
| -20 | | 3.3 | 12.9 | 27.3 | 91.0 | 346.7 | 798.6 | 1274.0 | 1274.0 | 798.6 | 346.7 | 91.0 | 27.3 | 12.9 | 3.3 | | | | |
| -30 | 0.4 | 2.7 | 11.6 | 23.3 | 44.9 | 128.8 | 322.5 | 489.9 | 489.9 | 322.5 | 128.8 | 44.9 | 23.3 | 11.6 | 2.7 | 0.4 | | | |
| -40 | | 1.8 | 8.4 | 19.9 | 33.6 | 51.3 | 78.0 | 105.8 | 105.8 | 78.0 | 51.3 | 33.6 | 19.9 | 8.4 | 1.8 | | | | |
| -50 | 0.2 | 0.9 | 4.4 | 13.0 | 25.2 | 36.4 | 46.7 | 53.5 | 53.5 | 46.7 | 36.4 | 25.2 | 13.0 | 4.4 | 0.9 | 0.2 | | | |
| -60 | | 0.4 | 1.5 | 4.6 | 10.1 | 16.9 | 23.8 | 27.6 | 27.6 | 23.8 | 16.9 | 10.1 | 4.6 | 1.5 | 0.4 | | | | |
| -70 | 0.1 | 0.9 | 4.4 | 13.0 | 25.2 | 36.4 | 46.7 | 53.5 | 53.5 | 46.7 | 36.4 | 25.2 | 13.0 | 4.4 | 0.9 | 0.1 | | | |
| -80 | | 0.4 | 1.5 | 4.6 | 10.1 | 16.9 | 23.8 | 27.6 | 27.6 | 23.8 | 16.9 | 10.1 | 4.6 | 1.5 | 0.4 | | | | |
| -90 | 0.1 | 0.8 | 3.2 | 8.1 | 10.8 | 8.1 | 3.2 | 0.8 | 0.1 | | | | | | | | | | |

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CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

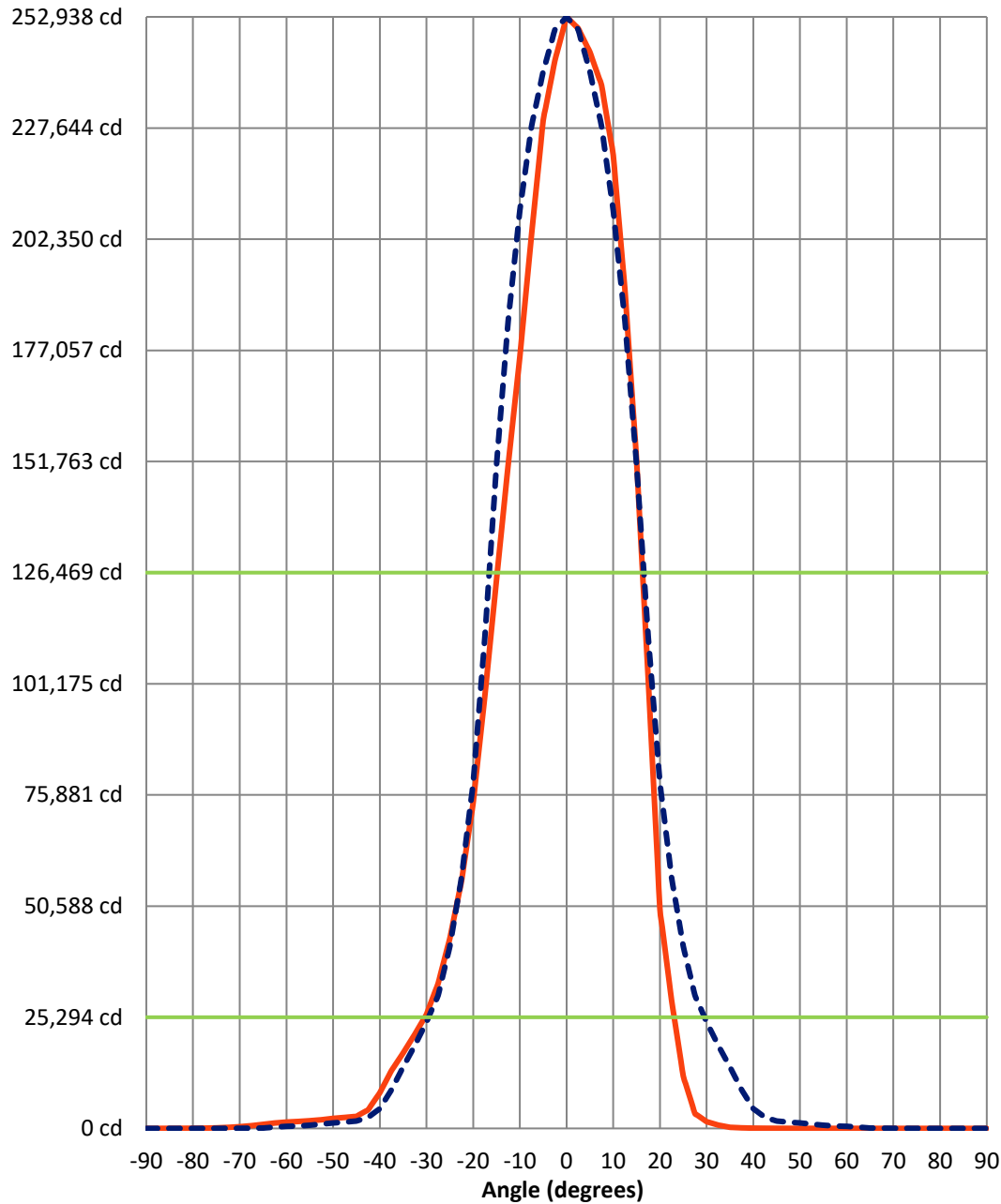
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 33.1°
V Angle: 31.1°
Lumens: 47101.4
Efficiency: 54.7%

Field:
H Angle: 59.1°
V Angle: 53.4°
Lumens: 75895.7
Efficiency: 88.1%

Spill:
Lumens: 10285.5
Efficiency: 11.9%

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



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| 90° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 87.5° | 4.4 | 3.3 | 2.4 | 2.4 | 2.4 | 2.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 85° | 4.4 | 3.4 | 2.6 | 2.6 | 2.6 | 2.4 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 82.5° | 4.4 | 3.5 | 2.8 | 2.8 | 2.8 | 2.6 | 2.2 | 2.2 | 2.2 | 2.3 | 2.2 |
| 80° | 4.4 | 3.5 | 3.0 | 3.1 | 3.0 | 2.7 | 2.3 | 2.5 | 2.6 | 2.5 | 2.3 |
| 77.5° | 4.4 | 3.6 | 3.2 | 3.3 | 3.2 | 2.9 | 2.9 | 3.1 | 3.0 | 2.8 | 2.5 |
| 75° | 4.4 | 3.6 | 3.4 | 3.5 | 3.4 | 3.3 | 3.4 | 3.6 | 3.5 | 3.3 | 3.4 |
| 72.5° | 4.4 | 3.7 | 3.6 | 3.8 | 3.6 | 3.6 | 4.0 | 4.0 | 3.8 | 3.9 | 4.2 |
| 70° | 4.4 | 3.7 | 3.7 | 4.0 | 3.8 | 4.0 | 4.4 | 4.2 | 4.1 | 4.4 | 4.4 |
| 67.5° | 4.4 | 3.8 | 3.9 | 4.0 | 4.0 | 4.3 | 4.4 | 4.3 | 4.4 | 4.4 | 4.4 |
| 65° | 4.4 | 3.8 | 4.1 | 4.1 | 4.1 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 62.5° | 4.4 | 3.9 | 4.2 | 4.2 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 60° | 4.4 | 3.9 | 4.4 | 4.2 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 57.5° | 4.4 | 4.0 | 4.4 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 55° | 4.4 | 4.0 | 4.4 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 52.5° | 4.4 | 4.1 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 50° | 4.4 | 4.1 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 5.7 |
| 47.5° | 4.4 | 4.1 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 7.1 |
| 45° | 4.4 | 4.2 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.5 | 5.6 | 8.5 |
| 42.5° | 4.4 | 4.2 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.5 | 4.6 | 6.8 | 10.3 |
| 40° | 4.4 | 4.2 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.7 | 5.1 | 7.9 | 12.2 |
| 37.5° | 4.4 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.9 | 6.2 | 9.3 | 14.1 |
| 35° | 4.4 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 5.1 | 7.3 | 11.1 | 15.8 |
| 32.5° | 4.4 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.5 | 5.4 | 8.3 | 12.7 | 17.3 |
| 30° | 4.4 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.7 | 5.9 | 9.3 | 14.3 | 19.3 |
| 27.5° | 4.4 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.9 | 6.7 | 10.3 | 15.8 | 21.5 |
| 25° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 5.2 | 7.4 | 11.5 | 17.4 | 24.1 |
| 22.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 8.1 | 12.7 | 19.3 | 29.2 |
| 20° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.6 | 5.8 | 8.8 | 13.7 | 21.3 | 34.8 |
| 17.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.8 | 6.1 | 9.4 | 14.7 | 23.4 | 40.7 |
| 15° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 5.0 | 6.6 | 10.1 | 15.5 | 25.5 | 46.8 |
| 12.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 5.3 | 7.0 | 11.0 | 17.0 | 27.5 | 53.0 |
| 10° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 7.4 | 12.0 | 18.9 | 31.3 | 59.5 |
| 7.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 5.8 | 7.7 | 12.9 | 20.9 | 35.2 | 66.2 |
| 5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 6.1 | 8.1 | 13.8 | 22.7 | 39.0 | 72.5 |
| 2.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 6.3 | 8.4 | 14.6 | 24.5 | 42.6 | 78.1 |
| 0° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 6.6 | 8.7 | 15.3 | 26.2 | 45.9 | 83.0 |
| -2.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.6 | 7.3 | 10.7 | 19.4 | 35.2 | 61.9 | 107.0 |
| -5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.8 | 8.0 | 12.7 | 23.3 | 43.9 | 77.3 | 129.8 |
| -7.5° | 4.4 | 4.4 | 4.4 | 4.4 | 5.0 | 8.6 | 14.5 | 26.9 | 51.9 | 91.5 | 151.0 |
| -10° | 4.4 | 4.4 | 4.4 | 4.4 | 5.1 | 9.1 | 16.2 | 30.2 | 59.0 | 104.4 | 170.2 |
| -12.5° | 4.4 | 4.4 | 4.4 | 4.4 | 5.3 | 9.6 | 17.7 | 33.2 | 65.1 | 115.4 | 187.1 |
| -15° | 4.4 | 4.4 | 4.4 | 4.4 | 5.4 | 10.0 | 18.9 | 35.6 | 70.0 | 123.9 | 201.0 |
| -17.5° | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 10.3 | 19.9 | 38.0 | 73.8 | 130.3 | 211.2 |
| -20° | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 10.4 | 20.7 | 40.0 | 76.1 | 134.3 | 217.5 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 4.4 | 4.4 | 4.4 | 4.4 | 5.6 | 10.4 | 21.5 | 41.4 | 76.9 | 135.7 | 219.5 |
| -25° | 4.4 | 4.4 | 4.4 | 4.4 | 5.6 | 10.5 | 21.9 | 41.9 | 76.1 | 134.4 | 216.7 |
| -27.5° | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 10.5 | 21.8 | 41.7 | 73.6 | 131.5 | 214.8 |
| -30° | 4.4 | 4.4 | 4.4 | 4.4 | 5.4 | 10.3 | 21.2 | 40.6 | 71.9 | 128.3 | 209.3 |
| -32.5° | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 9.9 | 20.1 | 39.7 | 70.5 | 122.8 | 199.8 |
| -35° | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 9.3 | 19.4 | 38.4 | 67.9 | 114.8 | 186.4 |
| -37.5° | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 8.8 | 18.6 | 36.3 | 64.1 | 104.3 | 169.9 |
| -40° | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 8.8 | 17.5 | 33.5 | 59.0 | 96.8 | 153.3 |
| -42.5° | 4.4 | 4.4 | 4.4 | 4.4 | 5.5 | 8.7 | 16.1 | 30.0 | 54.3 | 88.3 | 134.2 |
| -45° | 4.4 | 4.4 | 4.4 | 4.5 | 5.6 | 8.5 | 14.4 | 26.7 | 49.3 | 78.6 | 114.2 |
| -47.5° | 4.4 | 4.4 | 4.4 | 4.5 | 5.6 | 8.3 | 12.3 | 24.2 | 43.4 | 67.9 | 102.1 |
| -50° | 4.4 | 4.4 | 4.4 | 4.6 | 5.6 | 8.1 | 11.7 | 21.4 | 35.8 | 59.1 | 88.8 |
| -52.5° | 4.4 | 4.4 | 4.4 | 4.6 | 5.6 | 7.7 | 11.3 | 18.1 | 30.3 | 49.4 | 74.7 |
| -55° | 4.4 | 4.4 | 4.4 | 4.6 | 5.5 | 7.5 | 10.8 | 14.7 | 25.7 | 38.7 | 62.2 |
| -57.5° | 4.4 | 4.4 | 4.4 | 4.6 | 5.4 | 7.2 | 10.2 | 14.0 | 20.9 | 31.8 | 48.5 |
| -60° | 4.4 | 4.4 | 4.4 | 4.6 | 5.2 | 6.9 | 9.6 | 13.1 | 16.6 | 26.0 | 36.6 |
| -62.5° | 4.4 | 4.4 | 4.4 | 4.5 | 5.1 | 6.5 | 8.9 | 12.0 | 15.4 | 20.0 | 29.8 |
| -65° | 4.4 | 4.4 | 4.4 | 4.5 | 5.0 | 6.1 | 8.2 | 11.0 | 14.0 | 17.4 | 22.7 |
| -67.5° | 4.4 | 4.4 | 4.4 | 4.5 | 4.9 | 5.7 | 7.4 | 9.9 | 12.5 | 15.6 | 19.0 |
| -70° | 4.4 | 4.4 | 4.4 | 4.4 | 4.8 | 5.4 | 6.5 | 8.8 | 11.3 | 13.7 | 16.7 |
| -72.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.6 | 5.2 | 6.0 | 7.7 | 9.9 | 12.2 | 14.5 |
| -75° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.8 | 5.5 | 6.9 | 8.6 | 10.7 | 12.8 |
| -77.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.5 | 5.0 | 6.2 | 7.6 | 9.3 | 11.1 |
| -80° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.5 | 5.4 | 6.6 | 7.9 | 9.4 |
| -82.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.9 | 5.5 | 6.6 | 7.7 |
| -85° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.7 | 5.1 | 5.6 | 6.2 |
| -87.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.6 | 4.8 | 5.0 | 5.3 |
| -90° | 4.4 | 3.3 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |



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 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 87.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 85° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 82.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.5 | 2.7 | 2.8 | 3.0 |
| 80° | 2.2 | 2.2 | 2.3 | 2.2 | 2.4 | 2.8 | 3.3 | 3.9 | 4.3 | 4.4 | 4.4 |
| 77.5° | 2.7 | 2.8 | 2.7 | 2.3 | 2.6 | 3.2 | 3.7 | 4.2 | 4.4 | 4.4 | 4.4 |
| 75° | 3.6 | 3.5 | 2.9 | 2.4 | 2.5 | 3.1 | 3.7 | 4.2 | 4.4 | 4.4 | 4.4 |
| 72.5° | 4.1 | 3.6 | 3.0 | 2.5 | 2.9 | 3.6 | 4.1 | 4.4 | 5.4 | 6.7 | 7.5 |
| 70° | 4.2 | 3.6 | 3.4 | 3.5 | 4.0 | 4.9 | 6.7 | 9.1 | 11.5 | 12.3 | 13.2 |
| 67.5° | 4.3 | 4.0 | 4.1 | 4.6 | 6.1 | 8.2 | 11.0 | 14.4 | 17.8 | 19.0 | 20.3 |
| 65° | 4.4 | 4.3 | 4.9 | 6.3 | 8.5 | 11.8 | 15.6 | 19.6 | 25.5 | 28.5 | 29.9 |
| 62.5° | 4.4 | 4.7 | 5.8 | 8.2 | 11.8 | 15.7 | 20.7 | 27.2 | 35.1 | 40.2 | 40.0 |
| 60° | 4.4 | 4.9 | 7.3 | 10.9 | 14.9 | 19.6 | 26.1 | 35.1 | 46.3 | 54.3 | 48.9 |
| 57.5° | 4.4 | 5.9 | 9.4 | 13.4 | 17.8 | 23.0 | 32.0 | 43.1 | 53.4 | 64.1 | 54.9 |
| 55° | 5.0 | 7.4 | 11.3 | 15.6 | 20.7 | 27.0 | 35.8 | 44.6 | 55.7 | 59.8 | 50.0 |
| 52.5° | 6.7 | 9.1 | 12.9 | 17.9 | 24.2 | 29.3 | 34.1 | 41.8 | 46.1 | 48.0 | 41.3 |
| 50° | 8.3 | 11.0 | 14.5 | 20.7 | 26.1 | 28.9 | 29.5 | 34.4 | 36.4 | 34.7 | 31.5 |
| 47.5° | 10.1 | 13.0 | 16.6 | 22.6 | 26.3 | 27.6 | 26.5 | 27.5 | 27.4 | 27.0 | 22.7 |
| 45° | 12.1 | 15.4 | 19.3 | 23.3 | 26.0 | 25.7 | 25.2 | 22.1 | 25.1 | 24.3 | 22.3 |
| 42.5° | 14.1 | 17.7 | 21.5 | 24.2 | 24.9 | 26.3 | 26.0 | 27.0 | 27.1 | 28.3 | 30.6 |
| 40° | 16.0 | 19.8 | 24.1 | 26.0 | 25.4 | 29.4 | 35.3 | 38.2 | 34.4 | 41.5 | 47.6 |
| 37.5° | 17.7 | 22.5 | 28.1 | 32.5 | 30.0 | 38.9 | 48.5 | 63.9 | 66.1 | 61.4 | 78.4 |
| 35° | 19.2 | 25.5 | 37.3 | 47.7 | 50.3 | 54.4 | 81.3 | 105.8 | 121.0 | 112.1 | 125.1 |
| 32.5° | 21.5 | 28.9 | 49.8 | 72.4 | 90.4 | 95.4 | 123.7 | 175.2 | 205.1 | 210.3 | 201.8 |
| 30° | 25.2 | 40.6 | 68.7 | 103.8 | 143.9 | 179.9 | 204.7 | 263.4 | 312.5 | 365.9 | 397.7 |
| 27.5° | 30.8 | 55.8 | 98.7 | 153.2 | 213.7 | 280.9 | 336.8 | 382.0 | 471.7 | 562.8 | 641.0 |
| 25° | 37.4 | 86.8 | 133.1 | 214.9 | 311.0 | 403.9 | 481.6 | 551.0 | 669.2 | 811.2 | 1048.8 |
| 22.5° | 53.6 | 126.4 | 190.5 | 284.4 | 419.3 | 536.8 | 641.7 | 749.7 | 893.9 | 1085.2 | 1582.1 |
| 20° | 82.5 | 175.9 | 256.0 | 356.0 | 531.1 | 675.5 | 808.6 | 944.4 | 1125.0 | 1525.7 | 2615.8 |
| 17.5° | 115.8 | 227.7 | 319.0 | 434.8 | 614.4 | 798.0 | 980.7 | 1130.2 | 1349.1 | 1940.4 | 3754.1 |
| 15° | 152.4 | 280.8 | 375.9 | 507.0 | 693.3 | 893.1 | 1097.2 | 1311.3 | 1645.0 | 2493.0 | 4834.5 |
| 12.5° | 191.1 | 334.7 | 427.2 | 572.4 | 767.4 | 983.6 | 1190.6 | 1422.5 | 1912.1 | 3331.4 | 6209.2 |
| 10° | 230.6 | 388.2 | 473.5 | 631.2 | 836.2 | 1068.4 | 1274.1 | 1516.2 | 2121.4 | 3867.9 | 7169.1 |
| 7.5° | 255.9 | 426.2 | 511.2 | 683.6 | 899.1 | 1146.8 | 1347.8 | 1593.4 | 2298.8 | 4208.5 | 7840.1 |
| 5° | 274.9 | 445.6 | 523.7 | 707.2 | 940.4 | 1203.9 | 1404.9 | 1655.3 | 2441.7 | 4375.1 | 8303.8 |
| 2.5° | 289.5 | 460.9 | 533.8 | 721.3 | 965.5 | 1230.6 | 1422.0 | 1678.6 | 2500.8 | 4475.8 | 8625.0 |
| 0° | 299.3 | 471.9 | 541.8 | 729.6 | 983.0 | 1247.4 | 1430.9 | 1690.8 | 2510.0 | 4504.5 | 8781.7 |
| -2.5° | 315.7 | 480.6 | 558.1 | 744.4 | 992.3 | 1252.7 | 1438.2 | 1700.3 | 2546.7 | 4639.2 | 9021.1 |
| -5° | 327.7 | 485.6 | 572.0 | 753.5 | 993.6 | 1248.8 | 1438.2 | 1698.1 | 2525.5 | 4592.4 | 8719.1 |
| -7.5° | 335.9 | 487.8 | 582.9 | 756.5 | 980.5 | 1221.4 | 1408.9 | 1649.7 | 2393.0 | 4297.0 | 7899.1 |
| -10° | 341.8 | 494.9 | 596.7 | 751.9 | 951.4 | 1177.0 | 1367.6 | 1590.9 | 2222.2 | 3882.0 | 6948.9 |
| -12.5° | 351.0 | 506.5 | 610.2 | 745.2 | 921.1 | 1126.0 | 1319.6 | 1522.6 | 2015.3 | 3347.6 | 5874.9 |
| -15° | 355.6 | 516.1 | 622.7 | 737.3 | 891.2 | 1069.4 | 1265.3 | 1445.7 | 1783.4 | 2702.8 | 4682.5 |
| -17.5° | 355.7 | 524.0 | 634.5 | 729.4 | 863.7 | 1007.9 | 1210.8 | 1389.9 | 1619.9 | 2306.2 | 3851.3 |
| -20° | 351.2 | 530.7 | 646.0 | 722.2 | 840.8 | 969.7 | 1166.5 | 1350.6 | 1553.1 | 2009.3 | 3026.7 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| -22.5° | 342.2 | 536.5 | 653.4 | 727.9 | 832.5 | 953.8 | 1115.7 | 1303.5 | 1483.6 | 1692.2 | 2397.1 |
| -25° | 336.2 | 522.1 | 654.4 | 733.7 | 823.7 | 936.9 | 1060.9 | 1248.1 | 1418.7 | 1619.6 | 2065.6 |
| -27.5° | 332.2 | 502.3 | 642.5 | 735.1 | 812.8 | 920.4 | 1029.3 | 1183.0 | 1369.1 | 1555.7 | 1759.6 |
| -30° | 321.9 | 466.4 | 625.9 | 728.4 | 808.4 | 905.3 | 1007.9 | 1123.6 | 1312.1 | 1493.0 | 1680.8 |
| -32.5° | 301.5 | 428.7 | 589.0 | 706.4 | 801.1 | 888.5 | 986.1 | 1090.3 | 1239.4 | 1426.0 | 1598.5 |
| -35° | 277.8 | 399.6 | 543.5 | 679.0 | 787.0 | 871.9 | 961.1 | 1059.5 | 1169.3 | 1338.8 | 1530.6 |
| -37.5° | 255.7 | 365.6 | 496.8 | 638.4 | 751.8 | 854.6 | 932.4 | 1025.7 | 1127.7 | 1244.6 | 1436.1 |
| -40° | 229.6 | 327.0 | 452.9 | 586.3 | 713.4 | 826.2 | 913.9 | 988.6 | 1082.8 | 1201.8 | 1320.6 |
| -42.5° | 200.5 | 293.6 | 405.7 | 532.7 | 658.6 | 778.8 | 892.3 | 965.3 | 1048.6 | 1159.4 | 1273.1 |
| -45° | 176.4 | 255.7 | 355.1 | 472.7 | 593.9 | 719.3 | 834.6 | 948.6 | 1028.3 | 1117.3 | 1225.3 |
| -47.5° | 149.6 | 216.6 | 307.6 | 407.9 | 523.4 | 642.6 | 766.1 | 884.5 | 1006.2 | 1091.4 | 1176.2 |
| -50° | 123.9 | 183.4 | 254.9 | 347.1 | 447.8 | 560.2 | 676.4 | 806.4 | 929.0 | 1047.7 | 1145.9 |
| -52.5° | 107.6 | 147.0 | 211.3 | 285.6 | 375.2 | 473.0 | 583.9 | 704.0 | 830.4 | 956.5 | 1064.4 |
| -55° | 90.0 | 123.2 | 167.4 | 231.1 | 304.2 | 390.1 | 485.3 | 595.4 | 710.1 | 830.7 | 945.0 |
| -57.5° | 73.1 | 101.9 | 134.6 | 179.1 | 241.1 | 308.6 | 391.4 | 482.0 | 584.9 | 691.8 | 787.3 |
| -60° | 56.1 | 80.5 | 108.7 | 140.9 | 180.3 | 238.2 | 297.5 | 372.4 | 458.1 | 544.3 | 627.6 |
| -62.5° | 39.8 | 59.7 | 83.3 | 109.8 | 140.8 | 172.3 | 219.6 | 274.3 | 331.1 | 401.1 | 470.2 |
| -65° | 31.8 | 41.3 | 58.7 | 80.9 | 104.6 | 131.7 | 159.9 | 188.7 | 235.1 | 281.4 | 325.6 |
| -67.5° | 23.5 | 31.8 | 40.7 | 52.3 | 72.5 | 92.7 | 114.6 | 139.7 | 165.0 | 188.6 | 216.9 |
| -70° | 19.9 | 22.9 | 29.6 | 37.7 | 45.6 | 55.1 | 72.8 | 91.7 | 111.2 | 129.8 | 149.5 |
| -72.5° | 17.2 | 20.0 | 22.7 | 25.5 | 31.7 | 37.6 | 43.1 | 48.2 | 59.4 | 74.9 | 89.8 |
| -75° | 14.7 | 17.0 | 19.5 | 22.0 | 24.0 | 25.8 | 28.3 | 33.0 | 37.7 | 42.2 | 46.3 |
| -77.5° | 12.4 | 14.0 | 15.9 | 18.2 | 19.9 | 21.2 | 22.6 | 24.2 | 26.2 | 28.5 | 30.9 |
| -80° | 10.2 | 10.9 | 12.0 | 13.4 | 14.9 | 16.3 | 17.5 | 18.5 | 19.7 | 21.2 | 22.9 |
| -82.5° | 8.2 | 8.7 | 9.2 | 9.7 | 10.5 | 11.5 | 12.7 | 13.8 | 14.6 | 15.3 | 16.2 |
| -85° | 6.4 | 6.6 | 6.9 | 7.2 | 7.6 | 8.1 | 8.7 | 9.3 | 9.9 | 10.5 | 11.1 |
| -87.5° | 5.4 | 5.5 | 5.6 | 5.7 | 5.7 | 5.8 | 5.9 | 6.0 | 6.4 | 6.9 | 7.4 |
| -90° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| 90° | 4.4 | 5.0 | 5.5 | 6.1 | 6.6 | 7.1 | 7.7 | 8.2 | 8.7 | 8.7 | 8.7 |
| 87.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 85° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 82.5° | 3.2 | 3.1 | 2.9 | 2.6 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 80° | 4.4 | 4.1 | 3.9 | 3.7 | 3.6 | 3.4 | 3.1 | 2.7 | 2.2 | 2.2 | 2.2 |
| 77.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.0 | 3.4 | 2.8 | 2.3 | 2.2 | 2.2 |
| 75° | 4.4 | 4.6 | 4.9 | 4.8 | 4.5 | 4.2 | 4.0 | 4.0 | 4.0 | 3.7 | 3.3 |
| 72.5° | 7.8 | 7.7 | 7.4 | 7.3 | 7.1 | 7.0 | 7.1 | 6.8 | 6.3 | 6.2 | 6.2 |
| 70° | 13.9 | 14.4 | 14.4 | 13.8 | 12.5 | 11.2 | 10.3 | 9.4 | 8.5 | 8.0 | 7.6 |
| 67.5° | 21.5 | 21.7 | 20.5 | 18.5 | 15.5 | 12.7 | 11.6 | 10.4 | 9.2 | 8.9 | 9.4 |
| 65° | 29.8 | 27.2 | 23.9 | 20.3 | 16.5 | 12.9 | 12.0 | 11.2 | 10.5 | 10.6 | 11.4 |
| 62.5° | 36.9 | 29.8 | 23.9 | 19.8 | 16.2 | 12.9 | 11.9 | 10.9 | 10.0 | 9.4 | 9.2 |
| 60° | 40.7 | 29.9 | 21.5 | 17.8 | 14.4 | 11.4 | 10.1 | 9.4 | 8.9 | 8.7 | 8.7 |
| 57.5° | 40.8 | 28.3 | 18.8 | 15.4 | 12.4 | 9.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 |
| 55° | 36.3 | 24.7 | 16.1 | 13.2 | 11.2 | 9.6 | 8.8 | 9.1 | 9.0 | 8.7 | 9.2 |
| 52.5° | 28.5 | 20.5 | 14.9 | 12.4 | 11.5 | 11.0 | 10.7 | 10.6 | 10.4 | 10.1 | 10.5 |
| 50° | 22.6 | 17.0 | 14.4 | 12.9 | 12.8 | 12.9 | 12.9 | 13.1 | 13.4 | 13.6 | 13.7 |
| 47.5° | 18.9 | 15.9 | 16.2 | 15.0 | 15.5 | 16.9 | 17.2 | 17.4 | 18.0 | 18.1 | 17.7 |
| 45° | 19.4 | 22.5 | 23.2 | 22.9 | 22.5 | 25.6 | 25.5 | 23.3 | 26.2 | 27.0 | 26.4 |
| 42.5° | 32.1 | 34.8 | 36.6 | 38.2 | 40.2 | 42.6 | 43.9 | 43.1 | 45.6 | 45.6 | 42.7 |
| 40° | 54.3 | 51.7 | 55.8 | 60.8 | 65.3 | 66.9 | 71.1 | 75.3 | 76.9 | 76.0 | 73.2 |
| 37.5° | 89.0 | 85.2 | 85.5 | 96.6 | 106.9 | 94.8 | 112.6 | 119.7 | 115.2 | 131.1 | 134.3 |
| 35° | 147.9 | 163.5 | 140.9 | 180.8 | 200.6 | 190.8 | 212.1 | 254.2 | 221.7 | 281.3 | 295.8 |
| 32.5° | 262.9 | 300.5 | 324.0 | 357.7 | 407.1 | 472.2 | 488.6 | 592.3 | 625.6 | 673.6 | 725.4 |
| 30° | 429.6 | 535.8 | 731.2 | 767.6 | 814.7 | 1039.0 | 1100.6 | 1157.0 | 1275.1 | 1366.1 | 1520.8 |
| 27.5° | 780.6 | 1066.8 | 1475.5 | 1835.2 | 1808.8 | 2188.2 | 2610.4 | 2137.7 | 2839.1 | 2557.7 | 3230.6 |
| 25° | 1461.9 | 2092.7 | 3078.0 | 4031.3 | 4486.3 | 5259.4 | 6226.2 | 6043.2 | 7318.8 | 7407.3 | 9288.8 |
| 22.5° | 2780.4 | 4150.9 | 5657.5 | 7278.2 | 8850.4 | 10590.3 | 12262.2 | 14014.9 | 16650.1 | 20290.9 | 23829.6 |
| 20° | 4549.2 | 6564.2 | 8997.5 | 11506.9 | 14168.0 | 16873.8 | 20017.7 | 25341.5 | 30800.0 | 38377.0 | 43729.8 |
| 17.5° | 6465.7 | 9672.8 | 12659.9 | 15769.0 | 19489.2 | 23986.9 | 30489.9 | 39586.6 | 50620.4 | 61946.8 | 70709.0 |
| 15° | 8139.9 | 11767.9 | 16073.6 | 20218.5 | 24844.5 | 31595.9 | 41809.5 | 55283.6 | 71692.2 | 88910.7 | 109732.2 |
| 12.5° | 9759.8 | 13549.4 | 18228.4 | 23471.1 | 29757.5 | 39420.7 | 52659.9 | 70868.8 | 92606.3 | 118480.5 | 145223.1 |
| 10° | 11016.8 | 15175.0 | 20382.7 | 26286.9 | 33959.6 | 45828.0 | 61212.9 | 82710.9 | 114922.6 | 145466.9 | 176005.1 |
| 7.5° | 11999.2 | 16676.9 | 22193.2 | 28389.8 | 37323.6 | 50687.5 | 69094.3 | 96156.3 | 130190.6 | 163238.7 | 191366.6 |
| 5° | 12872.3 | 17911.9 | 23419.8 | 29575.0 | 39745.4 | 54223.2 | 74044.7 | 104950.7 | 141269.9 | 173749.7 | 200515.8 |
| 2.5° | 13560.1 | 18719.4 | 24093.6 | 30168.7 | 41304.3 | 56175.0 | 76655.4 | 109670.3 | 148411.3 | 180477.5 | 206035.4 |
| 0° | 13976.5 | 18863.3 | 24206.6 | 30294.8 | 41422.7 | 57059.5 | 78692.7 | 111735.6 | 150958.5 | 183769.9 | 208907.1 |
| -2.5° | 13827.3 | 18540.8 | 23840.2 | 29924.2 | 41032.0 | 56230.7 | 77054.0 | 110689.1 | 148800.0 | 179498.1 | 204779.6 |
| -5° | 13084.0 | 17485.5 | 22406.5 | 28130.8 | 38440.2 | 53082.1 | 72408.9 | 103080.4 | 138903.0 | 169549.0 | 193338.9 |
| -7.5° | 11912.1 | 16010.9 | 20528.8 | 25828.2 | 34743.3 | 47974.2 | 65585.9 | 91687.2 | 124207.1 | 152484.0 | 173953.1 |
| -10° | 10601.1 | 14301.2 | 18215.6 | 22909.4 | 29878.1 | 41108.8 | 55815.9 | 75746.1 | 103636.5 | 129060.8 | 149360.2 |
| -12.5° | 9025.3 | 12103.6 | 15394.1 | 19441.9 | 24723.8 | 33879.6 | 46244.7 | 62412.0 | 81804.3 | 104428.4 | 122908.9 |
| -15° | 7387.6 | 9975.5 | 12699.1 | 16495.9 | 21000.7 | 26832.9 | 35721.1 | 48574.0 | 62968.5 | 78421.1 | 95188.7 |
| -17.5° | 5932.4 | 8123.5 | 11011.3 | 14209.2 | 17642.6 | 21701.1 | 29050.1 | 37809.4 | 48226.7 | 59248.7 | 69368.3 |
| -20° | 4765.5 | 7089.5 | 9683.7 | 12464.8 | 15619.4 | 19522.1 | 24036.6 | 30691.4 | 38416.7 | 46877.6 | 54984.2 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 3920.2 | 6004.3 | 8413.4 | 11022.0 | 14213.5 | 17726.8 | 21383.0 | 25559.5 | 31103.4 | 37608.4 | 43836.0 |
| -25° | 2985.8 | 4727.4 | 7064.3 | 9695.2 | 12635.3 | 15733.6 | 18701.3 | 22105.8 | 26158.8 | 30391.2 | 34752.1 |
| -27.5° | 2366.7 | 3596.1 | 5514.9 | 7985.6 | 10706.0 | 13131.7 | 15674.4 | 18509.3 | 22053.5 | 25735.9 | 28162.3 |
| -30° | 1931.7 | 2651.4 | 4091.8 | 6022.1 | 8295.7 | 10436.5 | 12524.2 | 15072.0 | 17854.3 | 20497.1 | 22642.1 |
| -32.5° | 1804.5 | 2126.5 | 2871.8 | 4247.5 | 5955.2 | 7865.9 | 9740.1 | 12014.4 | 14173.8 | 16265.2 | 18109.5 |
| -35° | 1714.8 | 1920.6 | 2201.7 | 2919.4 | 3948.0 | 5500.8 | 7213.2 | 9137.7 | 11086.8 | 12776.2 | 14340.4 |
| -37.5° | 1631.1 | 1809.8 | 1995.9 | 2181.0 | 2760.1 | 3470.7 | 4676.7 | 6198.9 | 7677.5 | 9044.6 | 10391.0 |
| -40° | 1511.7 | 1707.6 | 1857.9 | 2016.2 | 2188.4 | 2384.1 | 3015.2 | 3637.2 | 4360.9 | 5409.4 | 6327.9 |
| -42.5° | 1385.1 | 1548.3 | 1719.5 | 1867.8 | 2011.8 | 2162.1 | 2321.2 | 2479.4 | 2810.2 | 3221.6 | 3558.5 |
| -45° | 1332.2 | 1430.3 | 1548.0 | 1702.8 | 1847.6 | 1982.6 | 2112.1 | 2237.2 | 2369.5 | 2490.2 | 2588.8 |
| -47.5° | 1268.9 | 1358.2 | 1453.4 | 1554.3 | 1660.6 | 1791.0 | 1919.0 | 2046.5 | 2162.1 | 2269.6 | 2355.4 |
| -50° | 1210.4 | 1280.6 | 1365.7 | 1451.5 | 1536.5 | 1623.9 | 1712.3 | 1810.6 | 1921.2 | 2030.0 | 2119.5 |
| -52.5° | 1162.6 | 1226.9 | 1287.7 | 1348.6 | 1422.4 | 1496.6 | 1570.8 | 1649.2 | 1724.6 | 1796.0 | 1851.7 |
| -55° | 1046.5 | 1137.0 | 1226.1 | 1283.5 | 1333.3 | 1383.7 | 1439.9 | 1510.1 | 1577.0 | 1640.4 | 1677.7 |
| -57.5° | 888.4 | 993.2 | 1089.4 | 1157.3 | 1226.7 | 1297.0 | 1355.0 | 1405.2 | 1455.8 | 1504.1 | 1530.5 |
| -60° | 712.5 | 798.6 | 885.8 | 966.7 | 1043.9 | 1116.8 | 1184.4 | 1250.3 | 1311.2 | 1362.5 | 1393.6 |
| -62.5° | 538.5 | 610.0 | 680.8 | 748.4 | 813.4 | 876.8 | 948.8 | 1018.3 | 1084.4 | 1138.3 | 1171.5 |
| -65° | 375.0 | 433.5 | 488.4 | 541.0 | 591.4 | 645.4 | 701.4 | 755.9 | 808.2 | 849.7 | 876.9 |
| -67.5° | 255.0 | 291.1 | 323.8 | 355.1 | 393.4 | 434.9 | 476.1 | 514.3 | 549.3 | 576.3 | 595.4 |
| -70° | 169.4 | 188.7 | 206.0 | 226.3 | 251.3 | 276.5 | 302.0 | 325.6 | 347.1 | 363.3 | 375.4 |
| -72.5° | 104.2 | 117.6 | 130.1 | 143.6 | 156.5 | 169.7 | 183.6 | 197.1 | 210.2 | 219.6 | 226.8 |
| -75° | 50.1 | 56.3 | 67.3 | 77.4 | 86.4 | 94.9 | 102.5 | 109.3 | 115.1 | 118.7 | 121.1 |
| -77.5° | 34.2 | 37.0 | 39.7 | 42.5 | 45.3 | 48.7 | 52.1 | 55.5 | 58.6 | 61.1 | 63.3 |
| -80° | 24.7 | 26.1 | 27.4 | 28.5 | 29.4 | 30.9 | 32.4 | 34.0 | 35.5 | 36.1 | 36.5 |
| -82.5° | 17.0 | 18.2 | 19.3 | 20.4 | 21.5 | 22.5 | 23.5 | 24.4 | 25.3 | 26.1 | 26.8 |
| -85° | 11.5 | 12.1 | 12.7 | 13.4 | 14.0 | 14.8 | 15.6 | 16.3 | 17.0 | 17.2 | 17.3 |
| -87.5° | 7.9 | 8.1 | 8.3 | 8.4 | 8.5 | 9.1 | 9.7 | 10.2 | 10.8 | 10.8 | 10.9 |
| -90° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 1.7 | 1.1 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.2 |
| 87.5° | 2.2 | 2.2 | 1.1 | 0.0 | 1.1 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 85° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 82.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 80° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.7 |
| 77.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.8 |
| 75° | 2.8 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.8 | 3.3 | 3.7 | 4.0 | 4.0 |
| 72.5° | 6.4 | 6.5 | 5.5 | 4.4 | 5.5 | 6.5 | 6.4 | 6.2 | 6.2 | 6.3 | 6.8 |
| 70° | 7.2 | 6.7 | 6.6 | 6.6 | 6.6 | 6.7 | 7.2 | 7.6 | 8.0 | 8.5 | 9.4 |
| 67.5° | 10.0 | 10.7 | 10.9 | 10.9 | 10.9 | 10.7 | 10.0 | 9.4 | 8.9 | 9.2 | 10.4 |
| 65° | 12.2 | 12.9 | 12.1 | 10.9 | 12.1 | 12.9 | 12.2 | 11.4 | 10.6 | 10.5 | 11.2 |
| 62.5° | 9.1 | 8.9 | 8.7 | 8.7 | 8.7 | 8.9 | 9.1 | 9.2 | 9.4 | 10.0 | 10.9 |
| 60° | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.9 | 9.4 |
| 57.5° | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 | 8.7 |
| 55° | 9.8 | 10.5 | 10.9 | 10.9 | 10.9 | 10.5 | 9.8 | 9.2 | 8.7 | 9.0 | 9.1 |
| 52.5° | 10.8 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.8 | 10.5 | 10.1 | 10.4 | 10.6 |
| 50° | 13.6 | 13.2 | 13.1 | 13.1 | 13.1 | 13.2 | 13.6 | 13.7 | 13.6 | 13.4 | 13.1 |
| 47.5° | 17.0 | 15.9 | 15.3 | 15.3 | 15.3 | 15.9 | 17.0 | 17.7 | 18.1 | 18.0 | 17.4 |
| 45° | 26.5 | 26.2 | 26.0 | 26.2 | 26.0 | 26.2 | 26.5 | 26.4 | 27.0 | 26.2 | 23.3 |
| 42.5° | 44.3 | 45.1 | 44.3 | 41.5 | 44.3 | 45.1 | 44.3 | 42.7 | 45.6 | 45.6 | 43.1 |
| 40° | 73.2 | 70.4 | 66.6 | 65.5 | 66.6 | 70.4 | 73.2 | 73.2 | 76.0 | 76.9 | 75.3 |
| 37.5° | 136.0 | 135.9 | 132.7 | 131.1 | 132.7 | 135.9 | 136.0 | 134.3 | 131.1 | 115.2 | 119.7 |
| 35° | 286.0 | 283.7 | 268.1 | 253.4 | 268.1 | 283.7 | 286.0 | 295.8 | 281.3 | 221.7 | 254.2 |
| 32.5° | 742.8 | 782.2 | 778.5 | 755.8 | 778.5 | 782.2 | 742.8 | 725.4 | 673.6 | 625.6 | 592.3 |
| 30° | 1580.2 | 1650.8 | 1636.0 | 1542.3 | 1636.0 | 1650.8 | 1580.2 | 1520.8 | 1366.1 | 1275.1 | 1157.0 |
| 27.5° | 3266.2 | 3431.3 | 3576.8 | 3386.0 | 3576.8 | 3431.3 | 3266.2 | 3230.6 | 2557.7 | 2839.1 | 2137.7 |
| 25° | 11172.5 | 12246.9 | 12882.6 | 11894.7 | 12882.6 | 12246.9 | 11172.5 | 9288.8 | 7407.3 | 7318.8 | 6043.2 |
| 22.5° | 26664.3 | 28003.2 | 28717.7 | 29126.1 | 28717.7 | 28003.2 | 26664.3 | 23829.6 | 20290.9 | 16650.1 | 14014.9 |
| 20° | 48911.3 | 51774.5 | 53608.5 | 49913.9 | 53608.5 | 51774.5 | 48911.3 | 43729.8 | 38377.0 | 30800.0 | 25341.5 |
| 17.5° | 82864.2 | 93423.6 | 98983.1 | 102003.6 | 98983.1 | 93423.6 | 82864.2 | 70709.0 | 61946.8 | 50620.4 | 39586.6 |
| 15° | 125801.0 | 139311.6 | 148435.2 | 152007.1 | 148435.2 | 139311.6 | 125801.0 | 109732.2 | 88910.7 | 71692.2 | 55283.6 |
| 12.5° | 166398.1 | 180339.0 | 188756.9 | 190872.9 | 188756.9 | 180339.0 | 166398.1 | 145223.1 | 118480.5 | 92606.3 | 70868.8 |
| 10° | 195273.6 | 208409.2 | 218092.6 | 221492.0 | 218092.6 | 208409.2 | 195273.6 | 176005.1 | 145466.9 | 114922.6 | 82710.9 |
| 7.5° | 211348.8 | 226703.3 | 235237.9 | 237362.6 | 235237.9 | 226703.3 | 211348.8 | 191366.6 | 163238.7 | 130190.6 | 96156.3 |
| 5° | 220600.3 | 234473.4 | 243802.8 | 244934.0 | 243802.8 | 234473.4 | 220600.3 | 200515.8 | 173749.7 | 141269.9 | 104950.7 |
| 2.5° | 226565.5 | 240133.0 | 247982.4 | 250289.4 | 247982.4 | 240133.0 | 226565.5 | 206035.4 | 180477.5 | 148411.3 | 109670.3 |
| 0° | 228029.2 | 240503.8 | 249986.8 | 252938.1 | 249986.8 | 240503.8 | 228029.2 | 208907.1 | 183769.9 | 150958.5 | 111735.6 |
| -2.5° | 223597.2 | 235631.4 | 241948.2 | 242972.4 | 241948.2 | 235631.4 | 223597.2 | 204779.6 | 179498.1 | 148800.0 | 110689.1 |
| -5° | 212279.1 | 221179.3 | 228471.5 | 229404.3 | 228471.5 | 221179.3 | 212279.1 | 193338.9 | 169549.0 | 138903.0 | 103080.4 |
| -7.5° | 188237.6 | 198221.7 | 202254.9 | 203346.4 | 202254.9 | 198221.7 | 188237.6 | 173953.1 | 152484.0 | 124207.1 | 91687.2 |
| -10° | 162657.9 | 171211.1 | 174068.3 | 175610.7 | 174068.3 | 171211.1 | 162657.9 | 149360.2 | 129060.8 | 103636.5 | 75746.1 |
| -12.5° | 137615.2 | 145978.9 | 148789.2 | 151021.9 | 148789.2 | 145978.9 | 137615.2 | 122908.9 | 104428.4 | 81804.3 | 62412.0 |
| -15° | 109556.9 | 117793.0 | 122333.5 | 124847.0 | 122333.5 | 117793.0 | 109556.9 | 95188.7 | 78421.1 | 62968.5 | 48574.0 |
| -17.5° | 82211.3 | 90032.9 | 95317.7 | 98392.6 | 95317.7 | 90032.9 | 82211.3 | 69368.3 | 59248.7 | 48226.7 | 37809.4 |
| -20° | 62335.6 | 67629.3 | 71696.2 | 74109.6 | 71696.2 | 67629.3 | 62335.6 | 54984.2 | 46877.6 | 38416.7 | 30691.4 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 48693.5 | 52359.9 | 54715.8 | 56257.7 | 54715.8 | 52359.9 | 48693.5 | 43836.0 | 37608.4 | 31103.4 | 25559.5 |
| -25° | 38056.9 | 40463.1 | 41986.8 | 43233.7 | 41986.8 | 40463.1 | 38056.9 | 34752.1 | 30391.2 | 26158.8 | 22105.8 |
| -27.5° | 30133.0 | 31423.1 | 32096.5 | 33012.3 | 32096.5 | 31423.1 | 30133.0 | 28162.3 | 25735.9 | 22053.5 | 18509.3 |
| -30° | 24223.8 | 25213.8 | 25749.1 | 25947.6 | 25749.1 | 25213.8 | 24223.8 | 22642.1 | 20497.1 | 17854.3 | 15072.0 |
| -32.5° | 19496.2 | 20431.3 | 21106.8 | 21423.5 | 21106.8 | 20431.3 | 19496.2 | 18109.5 | 16265.2 | 14173.8 | 12014.4 |
| -35° | 15554.2 | 16334.4 | 16866.8 | 17159.3 | 16866.8 | 16334.4 | 15554.2 | 14340.4 | 12776.2 | 11086.8 | 9137.7 |
| -37.5° | 11506.0 | 12362.1 | 12948.2 | 13148.6 | 12948.2 | 12362.1 | 11506.0 | 10391.0 | 9044.6 | 7677.5 | 6198.9 |
| -40° | 7059.4 | 7604.7 | 7956.6 | 8104.5 | 7956.6 | 7604.7 | 7059.4 | 6327.9 | 5409.4 | 4360.9 | 3637.2 |
| -42.5° | 3821.1 | 4021.3 | 4160.3 | 4240.1 | 4160.3 | 4021.3 | 3821.1 | 3558.5 | 3221.6 | 2810.2 | 2479.4 |
| -45° | 2652.5 | 2703.2 | 2735.3 | 2748.1 | 2735.3 | 2703.2 | 2652.5 | 2588.8 | 2490.2 | 2369.5 | 2237.2 |
| -47.5° | 2418.1 | 2472.9 | 2502.0 | 2503.5 | 2502.0 | 2472.9 | 2418.1 | 2355.4 | 2269.6 | 2162.1 | 2046.5 |
| -50° | 2190.3 | 2249.9 | 2280.0 | 2282.8 | 2280.0 | 2249.9 | 2190.3 | 2119.5 | 2030.0 | 1921.2 | 1810.6 |
| -52.5° | 1902.3 | 1949.5 | 1970.1 | 1968.2 | 1970.1 | 1949.5 | 1902.3 | 1851.7 | 1796.0 | 1724.6 | 1649.2 |
| -55° | 1710.1 | 1738.3 | 1750.8 | 1752.0 | 1750.8 | 1738.3 | 1710.1 | 1677.7 | 1640.4 | 1577.0 | 1510.1 |
| -57.5° | 1554.2 | 1575.1 | 1582.4 | 1581.6 | 1582.4 | 1575.1 | 1554.2 | 1530.5 | 1504.1 | 1455.8 | 1405.2 |
| -60° | 1420.8 | 1443.4 | 1449.7 | 1446.1 | 1449.7 | 1443.4 | 1420.8 | 1393.6 | 1362.5 | 1311.2 | 1250.3 |
| -62.5° | 1198.7 | 1219.4 | 1229.8 | 1232.1 | 1229.8 | 1219.4 | 1198.7 | 1171.5 | 1138.3 | 1084.4 | 1018.3 |
| -65° | 898.4 | 914.0 | 922.2 | 924.0 | 922.2 | 914.0 | 898.4 | 876.9 | 849.7 | 808.2 | 755.9 |
| -67.5° | 610.2 | 620.7 | 624.0 | 622.6 | 624.0 | 620.7 | 610.2 | 595.4 | 576.3 | 549.3 | 514.3 |
| -70° | 385.1 | 392.5 | 394.3 | 393.2 | 394.3 | 392.5 | 385.1 | 375.4 | 363.3 | 347.1 | 325.6 |
| -72.5° | 232.6 | 237.1 | 237.4 | 235.9 | 237.4 | 237.1 | 232.6 | 226.8 | 219.6 | 210.2 | 197.1 |
| -75° | 122.6 | 123.2 | 123.1 | 122.3 | 123.1 | 123.2 | 122.6 | 121.1 | 118.7 | 115.1 | 109.3 |
| -77.5° | 65.3 | 67.1 | 66.5 | 65.5 | 66.5 | 67.1 | 65.3 | 63.3 | 61.1 | 58.6 | 55.5 |
| -80° | 36.8 | 37.0 | 37.1 | 37.1 | 37.1 | 37.0 | 36.8 | 36.5 | 36.1 | 35.5 | 34.0 |
| -82.5° | 27.6 | 28.3 | 27.3 | 26.2 | 27.3 | 28.3 | 27.6 | 26.8 | 26.1 | 25.3 | 24.4 |
| -85° | 17.4 | 17.4 | 17.5 | 17.5 | 17.5 | 17.4 | 17.4 | 17.3 | 17.2 | 17.0 | 16.3 |
| -87.5° | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.9 | 10.8 | 10.8 | 10.2 |
| -90° | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 1.1 | 1.7 | 2.2 | 2.2 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 90° | 7.7 | 7.1 | 6.6 | 6.1 | 5.5 | 5.0 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 87.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 85° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 82.5° | 2.2 | 2.2 | 2.2 | 2.6 | 2.9 | 3.1 | 3.2 | 3.0 | 2.8 | 2.7 | 2.5 |
| 80° | 3.1 | 3.4 | 3.6 | 3.7 | 3.9 | 4.1 | 4.4 | 4.4 | 4.4 | 4.3 | 3.9 |
| 77.5° | 3.4 | 4.0 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.2 |
| 75° | 4.0 | 4.2 | 4.5 | 4.8 | 4.9 | 4.6 | 4.4 | 4.4 | 4.4 | 4.4 | 4.2 |
| 72.5° | 7.1 | 7.0 | 7.1 | 7.3 | 7.4 | 7.7 | 7.8 | 7.5 | 6.7 | 5.4 | 4.4 |
| 70° | 10.3 | 11.2 | 12.5 | 13.8 | 14.4 | 14.4 | 13.9 | 13.2 | 12.3 | 11.5 | 9.1 |
| 67.5° | 11.6 | 12.7 | 15.5 | 18.5 | 20.5 | 21.7 | 21.5 | 20.3 | 19.0 | 17.8 | 14.4 |
| 65° | 12.0 | 12.9 | 16.5 | 20.3 | 23.9 | 27.2 | 29.8 | 29.9 | 28.5 | 25.5 | 19.6 |
| 62.5° | 11.9 | 12.9 | 16.2 | 19.8 | 23.9 | 29.8 | 36.9 | 40.0 | 40.2 | 35.1 | 27.2 |
| 60° | 10.1 | 11.4 | 14.4 | 17.8 | 21.5 | 29.9 | 40.7 | 48.9 | 54.3 | 46.3 | 35.1 |
| 57.5° | 8.7 | 9.7 | 12.4 | 15.4 | 18.8 | 28.3 | 40.8 | 54.9 | 64.1 | 53.4 | 43.1 |
| 55° | 8.8 | 9.6 | 11.2 | 13.2 | 16.1 | 24.7 | 36.3 | 50.0 | 59.8 | 55.7 | 44.6 |
| 52.5° | 10.7 | 11.0 | 11.5 | 12.4 | 14.9 | 20.5 | 28.5 | 41.3 | 48.0 | 46.1 | 41.8 |
| 50° | 12.9 | 12.9 | 12.8 | 12.9 | 14.4 | 17.0 | 22.6 | 31.5 | 34.7 | 36.4 | 34.4 |
| 47.5° | 17.2 | 16.9 | 15.5 | 15.0 | 16.2 | 15.9 | 18.9 | 22.7 | 27.0 | 27.4 | 27.5 |
| 45° | 25.5 | 25.6 | 22.5 | 22.9 | 23.2 | 22.5 | 19.4 | 22.3 | 24.3 | 25.1 | 22.1 |
| 42.5° | 43.9 | 42.6 | 40.2 | 38.2 | 36.6 | 34.8 | 32.1 | 30.6 | 28.3 | 27.1 | 27.0 |
| 40° | 71.1 | 66.9 | 65.3 | 60.8 | 55.8 | 51.7 | 54.3 | 47.6 | 41.5 | 34.4 | 38.2 |
| 37.5° | 112.6 | 94.8 | 106.9 | 96.6 | 85.5 | 85.2 | 89.0 | 78.4 | 61.4 | 66.1 | 63.9 |
| 35° | 212.1 | 190.8 | 200.6 | 180.8 | 140.9 | 163.5 | 147.9 | 125.1 | 112.1 | 121.0 | 105.8 |
| 32.5° | 488.6 | 472.2 | 407.1 | 357.7 | 324.0 | 300.5 | 262.9 | 201.8 | 210.3 | 205.1 | 175.2 |
| 30° | 1100.6 | 1039.0 | 814.7 | 767.6 | 731.2 | 535.8 | 429.6 | 397.7 | 365.9 | 312.5 | 263.4 |
| 27.5° | 2610.4 | 2188.2 | 1808.8 | 1835.2 | 1475.5 | 1066.8 | 780.6 | 641.0 | 562.8 | 471.7 | 382.0 |
| 25° | 6226.2 | 5259.4 | 4486.3 | 4031.3 | 3078.0 | 2092.7 | 1461.9 | 1048.8 | 811.2 | 669.2 | 551.0 |
| 22.5° | 12262.2 | 10590.3 | 8850.4 | 7278.2 | 5657.5 | 4150.9 | 2780.4 | 1582.1 | 1085.2 | 893.9 | 749.7 |
| 20° | 20017.7 | 16873.8 | 14168.0 | 11506.9 | 8997.5 | 6564.2 | 4549.2 | 2615.8 | 1525.7 | 1125.0 | 944.4 |
| 17.5° | 30489.9 | 23986.9 | 19489.2 | 15769.0 | 12659.9 | 9672.8 | 6465.7 | 3754.1 | 1940.4 | 1349.1 | 1130.2 |
| 15° | 41809.5 | 31595.9 | 24844.5 | 20218.5 | 16073.6 | 11767.9 | 8139.9 | 4834.5 | 2493.0 | 1645.0 | 1311.3 |
| 12.5° | 52659.9 | 39420.7 | 29757.5 | 23471.1 | 18228.4 | 13549.4 | 9759.8 | 6209.2 | 3331.4 | 1912.1 | 1422.5 |
| 10° | 61212.9 | 45828.0 | 33959.6 | 26286.9 | 20382.7 | 15175.0 | 11016.8 | 7169.1 | 3867.9 | 2121.4 | 1516.2 |
| 7.5° | 69094.3 | 50687.5 | 37323.6 | 28389.8 | 22193.2 | 16676.9 | 11999.2 | 7840.1 | 4208.5 | 2298.8 | 1593.4 |
| 5° | 74044.7 | 54223.2 | 39745.4 | 29575.0 | 23419.8 | 17911.9 | 12872.3 | 8303.8 | 4375.1 | 2441.7 | 1655.3 |
| 2.5° | 76655.4 | 56175.0 | 41304.3 | 30168.7 | 24093.6 | 18719.4 | 13560.1 | 8625.0 | 4475.8 | 2500.8 | 1678.6 |
| 0° | 78692.7 | 57059.5 | 41422.7 | 30294.8 | 24206.6 | 18863.3 | 13976.5 | 8781.7 | 4504.5 | 2510.0 | 1690.8 |
| -2.5° | 77054.0 | 56230.7 | 41032.0 | 29924.2 | 23840.2 | 18540.8 | 13827.3 | 9021.1 | 4639.2 | 2546.7 | 1700.3 |
| -5° | 72408.9 | 53082.1 | 38440.2 | 28130.8 | 22406.5 | 17485.5 | 13084.0 | 8719.1 | 4592.4 | 2525.5 | 1698.1 |
| -7.5° | 65585.9 | 47974.2 | 34743.3 | 25828.2 | 20528.8 | 16010.9 | 11912.1 | 7899.1 | 4297.0 | 2393.0 | 1649.7 |
| -10° | 55815.9 | 41108.8 | 29878.1 | 22909.4 | 18215.6 | 14301.2 | 10601.1 | 6948.9 | 3882.0 | 2222.2 | 1590.9 |
| -12.5° | 46244.7 | 33879.6 | 24723.8 | 19441.9 | 15394.1 | 12103.6 | 9025.3 | 5874.9 | 3347.6 | 2015.3 | 1522.6 |
| -15° | 35721.1 | 26832.9 | 21000.7 | 16495.9 | 12699.1 | 9975.5 | 7387.6 | 4682.5 | 2702.8 | 1783.4 | 1445.7 |
| -17.5° | 29050.1 | 21701.1 | 17642.6 | 14209.2 | 11011.3 | 8123.5 | 5932.4 | 3851.3 | 2306.2 | 1619.9 | 1389.9 |
| -20° | 24036.6 | 19522.1 | 15619.4 | 12464.8 | 9683.7 | 7089.5 | 4765.5 | 3026.7 | 2009.3 | 1553.1 | 1350.6 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 21383.0 | 17726.8 | 14213.5 | 11022.0 | 8413.4 | 6004.3 | 3920.2 | 2397.1 | 1692.2 | 1483.6 | 1303.5 |
| -25° | 18701.3 | 15733.6 | 12635.3 | 9695.2 | 7064.3 | 4727.4 | 2985.8 | 2065.6 | 1619.6 | 1418.7 | 1248.1 |
| -27.5° | 15674.4 | 13131.7 | 10706.0 | 7985.6 | 5514.9 | 3596.1 | 2366.7 | 1759.6 | 1555.7 | 1369.1 | 1183.0 |
| -30° | 12524.2 | 10436.5 | 8295.7 | 6022.1 | 4091.8 | 2651.4 | 1931.7 | 1680.8 | 1493.0 | 1312.1 | 1123.6 |
| -32.5° | 9740.1 | 7865.9 | 5955.2 | 4247.5 | 2871.8 | 2126.5 | 1804.5 | 1598.5 | 1426.0 | 1239.4 | 1090.3 |
| -35° | 7213.2 | 5500.8 | 3948.0 | 2919.4 | 2201.7 | 1920.6 | 1714.8 | 1530.6 | 1338.8 | 1169.3 | 1059.5 |
| -37.5° | 4676.7 | 3470.7 | 2760.1 | 2181.0 | 1995.9 | 1809.8 | 1631.1 | 1436.1 | 1244.6 | 1127.7 | 1025.7 |
| -40° | 3015.2 | 2384.1 | 2188.4 | 2016.2 | 1857.9 | 1707.6 | 1511.7 | 1320.6 | 1201.8 | 1082.8 | 988.6 |
| -42.5° | 2321.2 | 2162.1 | 2011.8 | 1867.8 | 1719.5 | 1548.3 | 1385.1 | 1273.1 | 1159.4 | 1048.6 | 965.3 |
| -45° | 2112.1 | 1982.6 | 1847.6 | 1702.8 | 1548.0 | 1430.3 | 1332.2 | 1225.3 | 1117.3 | 1028.3 | 948.6 |
| -47.5° | 1919.0 | 1791.0 | 1660.6 | 1554.3 | 1453.4 | 1358.2 | 1268.9 | 1176.2 | 1091.4 | 1006.2 | 884.5 |
| -50° | 1712.3 | 1623.9 | 1536.5 | 1451.5 | 1365.7 | 1280.6 | 1210.4 | 1145.9 | 1047.7 | 929.0 | 806.4 |
| -52.5° | 1570.8 | 1496.6 | 1422.4 | 1348.6 | 1287.7 | 1226.9 | 1162.6 | 1064.4 | 956.5 | 830.4 | 704.0 |
| -55° | 1439.9 | 1383.7 | 1333.3 | 1283.5 | 1226.1 | 1137.0 | 1046.5 | 945.0 | 830.7 | 710.1 | 595.4 |
| -57.5° | 1355.0 | 1297.0 | 1226.7 | 1157.3 | 1089.4 | 993.2 | 888.4 | 787.3 | 691.8 | 584.9 | 482.0 |
| -60° | 1184.4 | 1116.8 | 1043.9 | 966.7 | 885.8 | 798.6 | 712.5 | 627.6 | 544.3 | 458.1 | 372.4 |
| -62.5° | 948.8 | 876.8 | 813.4 | 748.4 | 680.8 | 610.0 | 538.5 | 470.2 | 401.1 | 331.1 | 274.3 |
| -65° | 701.4 | 645.4 | 591.4 | 541.0 | 488.4 | 433.5 | 375.0 | 325.6 | 281.4 | 235.1 | 188.7 |
| -67.5° | 476.1 | 434.9 | 393.4 | 355.1 | 323.8 | 291.1 | 255.0 | 216.9 | 188.6 | 165.0 | 139.7 |
| -70° | 302.0 | 276.5 | 251.3 | 226.3 | 206.0 | 188.7 | 169.4 | 149.5 | 129.8 | 111.2 | 91.7 |
| -72.5° | 183.6 | 169.7 | 156.5 | 143.6 | 130.1 | 117.6 | 104.2 | 89.8 | 74.9 | 59.4 | 48.2 |
| -75° | 102.5 | 94.9 | 86.4 | 77.4 | 67.3 | 56.3 | 50.1 | 46.3 | 42.2 | 37.7 | 33.0 |
| -77.5° | 52.1 | 48.7 | 45.3 | 42.5 | 39.7 | 37.0 | 34.2 | 30.9 | 28.5 | 26.2 | 24.2 |
| -80° | 32.4 | 30.9 | 29.4 | 28.5 | 27.4 | 26.1 | 24.7 | 22.9 | 21.2 | 19.7 | 18.5 |
| -82.5° | 23.5 | 22.5 | 21.5 | 20.4 | 19.3 | 18.2 | 17.0 | 16.2 | 15.3 | 14.6 | 13.8 |
| -85° | 15.6 | 14.8 | 14.0 | 13.4 | 12.7 | 12.1 | 11.5 | 11.1 | 10.5 | 9.9 | 9.3 |
| -87.5° | 9.7 | 9.1 | 8.5 | 8.4 | 8.3 | 8.1 | 7.9 | 7.4 | 6.9 | 6.4 | 6.0 |
| -90° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| 90° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 87.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 85° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| 82.5° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.3 | 2.2 | 2.2 |
| 80° | 3.3 | 2.8 | 2.4 | 2.2 | 2.3 | 2.2 | 2.2 | 2.3 | 2.5 | 2.6 | 2.5 |
| 77.5° | 3.7 | 3.2 | 2.6 | 2.3 | 2.7 | 2.8 | 2.7 | 2.5 | 2.8 | 3.0 | 3.1 |
| 75° | 3.7 | 3.1 | 2.5 | 2.4 | 2.9 | 3.5 | 3.6 | 3.4 | 3.3 | 3.5 | 3.6 |
| 72.5° | 4.1 | 3.6 | 2.9 | 2.5 | 3.0 | 3.6 | 4.1 | 4.2 | 3.9 | 3.8 | 4.0 |
| 70° | 6.7 | 4.9 | 4.0 | 3.5 | 3.4 | 3.6 | 4.2 | 4.4 | 4.4 | 4.1 | 4.2 |
| 67.5° | 11.0 | 8.2 | 6.1 | 4.6 | 4.1 | 4.0 | 4.3 | 4.4 | 4.4 | 4.4 | 4.3 |
| 65° | 15.6 | 11.8 | 8.5 | 6.3 | 4.9 | 4.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 62.5° | 20.7 | 15.7 | 11.8 | 8.2 | 5.8 | 4.7 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 60° | 26.1 | 19.6 | 14.9 | 10.9 | 7.3 | 4.9 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 57.5° | 32.0 | 23.0 | 17.8 | 13.4 | 9.4 | 5.9 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 55° | 35.8 | 27.0 | 20.7 | 15.6 | 11.3 | 7.4 | 5.0 | 4.4 | 4.4 | 4.4 | 4.4 |
| 52.5° | 34.1 | 29.3 | 24.2 | 17.9 | 12.9 | 9.1 | 6.7 | 4.4 | 4.4 | 4.4 | 4.4 |
| 50° | 29.5 | 28.9 | 26.1 | 20.7 | 14.5 | 11.0 | 8.3 | 5.7 | 4.4 | 4.4 | 4.4 |
| 47.5° | 26.5 | 27.6 | 26.3 | 22.6 | 16.6 | 13.0 | 10.1 | 7.1 | 4.4 | 4.4 | 4.4 |
| 45° | 25.2 | 25.7 | 26.0 | 23.3 | 19.3 | 15.4 | 12.1 | 8.5 | 5.6 | 4.5 | 4.4 |
| 42.5° | 26.0 | 26.3 | 24.9 | 24.2 | 21.5 | 17.7 | 14.1 | 10.3 | 6.8 | 4.6 | 4.5 |
| 40° | 35.3 | 29.4 | 25.4 | 26.0 | 24.1 | 19.8 | 16.0 | 12.2 | 7.9 | 5.1 | 4.7 |
| 37.5° | 48.5 | 38.9 | 30.0 | 32.5 | 28.1 | 22.5 | 17.7 | 14.1 | 9.3 | 6.2 | 4.9 |
| 35° | 81.3 | 54.4 | 50.3 | 47.7 | 37.3 | 25.5 | 19.2 | 15.8 | 11.1 | 7.3 | 5.1 |
| 32.5° | 123.7 | 95.4 | 90.4 | 72.4 | 49.8 | 28.9 | 21.5 | 17.3 | 12.7 | 8.3 | 5.4 |
| 30° | 204.7 | 179.9 | 143.9 | 103.8 | 68.7 | 40.6 | 25.2 | 19.3 | 14.3 | 9.3 | 5.9 |
| 27.5° | 336.8 | 280.9 | 213.7 | 153.2 | 98.7 | 55.8 | 30.8 | 21.5 | 15.8 | 10.3 | 6.7 |
| 25° | 481.6 | 403.9 | 311.0 | 214.9 | 133.1 | 86.8 | 37.4 | 24.1 | 17.4 | 11.5 | 7.4 |
| 22.5° | 641.7 | 536.8 | 419.3 | 284.4 | 190.5 | 126.4 | 53.6 | 29.2 | 19.3 | 12.7 | 8.1 |
| 20° | 808.6 | 675.5 | 531.1 | 356.0 | 256.0 | 175.9 | 82.5 | 34.8 | 21.3 | 13.7 | 8.8 |
| 17.5° | 980.7 | 798.0 | 614.4 | 434.8 | 319.0 | 227.7 | 115.8 | 40.7 | 23.4 | 14.7 | 9.4 |
| 15° | 1097.2 | 893.1 | 693.3 | 507.0 | 375.9 | 280.8 | 152.4 | 46.8 | 25.5 | 15.5 | 10.1 |
| 12.5° | 1190.6 | 983.6 | 767.4 | 572.4 | 427.2 | 334.7 | 191.1 | 53.0 | 27.5 | 17.0 | 11.0 |
| 10° | 1274.1 | 1068.4 | 836.2 | 631.2 | 473.5 | 388.2 | 230.6 | 59.5 | 31.3 | 18.9 | 12.0 |
| 7.5° | 1347.8 | 1146.8 | 899.1 | 683.6 | 511.2 | 426.2 | 255.9 | 66.2 | 35.2 | 20.9 | 12.9 |
| 5° | 1404.9 | 1203.9 | 940.4 | 707.2 | 523.7 | 445.6 | 274.9 | 72.5 | 39.0 | 22.7 | 13.8 |
| 2.5° | 1422.0 | 1230.6 | 965.5 | 721.3 | 533.8 | 460.9 | 289.5 | 78.1 | 42.6 | 24.5 | 14.6 |
| 0° | 1430.9 | 1247.4 | 983.0 | 729.6 | 541.8 | 471.9 | 299.3 | 83.0 | 45.9 | 26.2 | 15.3 |
| -2.5° | 1438.2 | 1252.7 | 992.3 | 744.4 | 558.1 | 480.6 | 315.7 | 107.0 | 61.9 | 35.2 | 19.4 |
| -5° | 1438.2 | 1248.8 | 993.6 | 753.5 | 572.0 | 485.6 | 327.7 | 129.8 | 77.3 | 43.9 | 23.3 |
| -7.5° | 1408.9 | 1221.4 | 980.5 | 756.5 | 582.9 | 487.8 | 335.9 | 151.0 | 91.5 | 51.9 | 26.9 |
| -10° | 1367.6 | 1177.0 | 951.4 | 751.9 | 596.7 | 494.9 | 341.8 | 170.2 | 104.4 | 59.0 | 30.2 |
| -12.5° | 1319.6 | 1126.0 | 921.1 | 745.2 | 610.2 | 506.5 | 351.0 | 187.1 | 115.4 | 65.1 | 33.2 |
| -15° | 1265.3 | 1069.4 | 891.2 | 737.3 | 622.7 | 516.1 | 355.6 | 201.0 | 123.9 | 70.0 | 35.6 |
| -17.5° | 1210.8 | 1007.9 | 863.7 | 729.4 | 634.5 | 524.0 | 355.7 | 211.2 | 130.3 | 73.8 | 38.0 |
| -20° | 1166.5 | 969.7 | 840.8 | 722.2 | 646.0 | 530.7 | 351.2 | 217.5 | 134.3 | 76.1 | 40.0 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 1115.7 | 953.8 | 832.5 | 727.9 | 653.4 | 536.5 | 342.2 | 219.5 | 135.7 | 76.9 | 41.4 |
| -25° | 1060.9 | 936.9 | 823.7 | 733.7 | 654.4 | 522.1 | 336.2 | 216.7 | 134.4 | 76.1 | 41.9 |
| -27.5° | 1029.3 | 920.4 | 812.8 | 735.1 | 642.5 | 502.3 | 332.2 | 214.8 | 131.5 | 73.6 | 41.7 |
| -30° | 1007.9 | 905.3 | 808.4 | 728.4 | 625.9 | 466.4 | 321.9 | 209.3 | 128.3 | 71.9 | 40.6 |
| -32.5° | 986.1 | 888.5 | 801.1 | 706.4 | 589.0 | 428.7 | 301.5 | 199.8 | 122.8 | 70.5 | 39.7 |
| -35° | 961.1 | 871.9 | 787.0 | 679.0 | 543.5 | 399.6 | 277.8 | 186.4 | 114.8 | 67.9 | 38.4 |
| -37.5° | 932.4 | 854.6 | 751.8 | 638.4 | 496.8 | 365.6 | 255.7 | 169.9 | 104.3 | 64.1 | 36.3 |
| -40° | 913.9 | 826.2 | 713.4 | 586.3 | 452.9 | 327.0 | 229.6 | 153.3 | 96.8 | 59.0 | 33.5 |
| -42.5° | 892.3 | 778.8 | 658.6 | 532.7 | 405.7 | 293.6 | 200.5 | 134.2 | 88.3 | 54.3 | 30.0 |
| -45° | 834.6 | 719.3 | 593.9 | 472.7 | 355.1 | 255.7 | 176.4 | 114.2 | 78.6 | 49.3 | 26.7 |
| -47.5° | 766.1 | 642.6 | 523.4 | 407.9 | 307.6 | 216.6 | 149.6 | 102.1 | 67.9 | 43.4 | 24.2 |
| -50° | 676.4 | 560.2 | 447.8 | 347.1 | 254.9 | 183.4 | 123.9 | 88.8 | 59.1 | 35.8 | 21.4 |
| -52.5° | 583.9 | 473.0 | 375.2 | 285.6 | 211.3 | 147.0 | 107.6 | 74.7 | 49.4 | 30.3 | 18.1 |
| -55° | 485.3 | 390.1 | 304.2 | 231.1 | 167.4 | 123.2 | 90.0 | 62.2 | 38.7 | 25.7 | 14.7 |
| -57.5° | 391.4 | 308.6 | 241.1 | 179.1 | 134.6 | 101.9 | 73.1 | 48.5 | 31.8 | 20.9 | 14.0 |
| -60° | 297.5 | 238.2 | 180.3 | 140.9 | 108.7 | 80.5 | 56.1 | 36.6 | 26.0 | 16.6 | 13.1 |
| -62.5° | 219.6 | 172.3 | 140.8 | 109.8 | 83.3 | 59.7 | 39.8 | 29.8 | 20.0 | 15.4 | 12.0 |
| -65° | 159.9 | 131.7 | 104.6 | 80.9 | 58.7 | 41.3 | 31.8 | 22.7 | 17.4 | 14.0 | 11.0 |
| -67.5° | 114.6 | 92.7 | 72.5 | 52.3 | 40.7 | 31.8 | 23.5 | 19.0 | 15.6 | 12.5 | 9.9 |
| -70° | 72.8 | 55.1 | 45.6 | 37.7 | 29.6 | 22.9 | 19.9 | 16.7 | 13.7 | 11.3 | 8.8 |
| -72.5° | 43.1 | 37.6 | 31.7 | 25.5 | 22.7 | 20.0 | 17.2 | 14.5 | 12.2 | 9.9 | 7.7 |
| -75° | 28.3 | 25.8 | 24.0 | 22.0 | 19.5 | 17.0 | 14.7 | 12.8 | 10.7 | 8.6 | 6.9 |
| -77.5° | 22.6 | 21.2 | 19.9 | 18.2 | 15.9 | 14.0 | 12.4 | 11.1 | 9.3 | 7.6 | 6.2 |
| -80° | 17.5 | 16.3 | 14.9 | 13.4 | 12.0 | 10.9 | 10.2 | 9.4 | 7.9 | 6.6 | 5.4 |
| -82.5° | 12.7 | 11.5 | 10.5 | 9.7 | 9.2 | 8.7 | 8.2 | 7.7 | 6.6 | 5.5 | 4.9 |
| -85° | 8.7 | 8.1 | 7.6 | 7.2 | 6.9 | 6.6 | 6.4 | 6.2 | 5.6 | 5.1 | 4.7 |
| -87.5° | 5.9 | 5.8 | 5.7 | 5.7 | 5.6 | 5.5 | 5.4 | 5.3 | 5.0 | 4.8 | 4.6 |
| -90° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| 90° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 87.5° | 2.2 | 2.3 | 2.4 | 2.4 | 2.4 | 3.3 | 4.4 |
| 85° | 2.2 | 2.4 | 2.6 | 2.6 | 2.6 | 3.4 | 4.4 |
| 82.5° | 2.2 | 2.6 | 2.8 | 2.8 | 2.8 | 3.5 | 4.4 |
| 80° | 2.3 | 2.7 | 3.0 | 3.1 | 3.0 | 3.5 | 4.4 |
| 77.5° | 2.9 | 2.9 | 3.2 | 3.3 | 3.2 | 3.6 | 4.4 |
| 75° | 3.4 | 3.3 | 3.4 | 3.5 | 3.4 | 3.6 | 4.4 |
| 72.5° | 4.0 | 3.6 | 3.6 | 3.8 | 3.6 | 3.7 | 4.4 |
| 70° | 4.4 | 4.0 | 3.8 | 4.0 | 3.7 | 3.7 | 4.4 |
| 67.5° | 4.4 | 4.3 | 4.0 | 4.0 | 3.9 | 3.8 | 4.4 |
| 65° | 4.4 | 4.4 | 4.1 | 4.1 | 4.1 | 3.8 | 4.4 |
| 62.5° | 4.4 | 4.4 | 4.3 | 4.2 | 4.2 | 3.9 | 4.4 |
| 60° | 4.4 | 4.4 | 4.4 | 4.2 | 4.4 | 3.9 | 4.4 |
| 57.5° | 4.4 | 4.4 | 4.4 | 4.3 | 4.4 | 4.0 | 4.4 |
| 55° | 4.4 | 4.4 | 4.4 | 4.3 | 4.4 | 4.0 | 4.4 |
| 52.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.1 | 4.4 |
| 50° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.1 | 4.4 |
| 47.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.1 | 4.4 |
| 45° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.2 | 4.4 |
| 42.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.2 | 4.4 |
| 40° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.2 | 4.4 |
| 37.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.3 | 4.4 |
| 35° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.3 | 4.4 |
| 32.5° | 4.5 | 4.4 | 4.4 | 4.4 | 4.4 | 4.3 | 4.4 |
| 30° | 4.7 | 4.4 | 4.4 | 4.4 | 4.4 | 4.3 | 4.4 |
| 27.5° | 4.9 | 4.4 | 4.4 | 4.4 | 4.4 | 4.3 | 4.4 |
| 25° | 5.2 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 22.5° | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 20° | 5.8 | 4.6 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 17.5° | 6.1 | 4.8 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 15° | 6.6 | 5.0 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 12.5° | 7.0 | 5.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 10° | 7.4 | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 7.5° | 7.7 | 5.8 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 5° | 8.1 | 6.1 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 2.5° | 8.4 | 6.3 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| 0° | 8.7 | 6.6 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -2.5° | 10.7 | 7.3 | 4.6 | 4.4 | 4.4 | 4.4 | 4.4 |
| -5° | 12.7 | 8.0 | 4.8 | 4.4 | 4.4 | 4.4 | 4.4 |
| -7.5° | 14.5 | 8.6 | 5.0 | 4.4 | 4.4 | 4.4 | 4.4 |
| -10° | 16.2 | 9.1 | 5.1 | 4.4 | 4.4 | 4.4 | 4.4 |
| -12.5° | 17.7 | 9.6 | 5.3 | 4.4 | 4.4 | 4.4 | 4.4 |
| -15° | 18.9 | 10.0 | 5.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -17.5° | 19.9 | 10.3 | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 |
| -20° | 20.7 | 10.4 | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 |



REPORT NUMBER: P701615 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-CV1-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 21.5 | 10.4 | 5.6 | 4.4 | 4.4 | 4.4 | 4.4 |
| -25° | 21.9 | 10.5 | 5.6 | 4.4 | 4.4 | 4.4 | 4.4 |
| -27.5° | 21.8 | 10.5 | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 |
| -30° | 21.2 | 10.3 | 5.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -32.5° | 20.1 | 9.9 | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 |
| -35° | 19.4 | 9.3 | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 |
| -37.5° | 18.6 | 8.8 | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 |
| -40° | 17.5 | 8.8 | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 |
| -42.5° | 16.1 | 8.7 | 5.5 | 4.4 | 4.4 | 4.4 | 4.4 |
| -45° | 14.4 | 8.5 | 5.6 | 4.5 | 4.4 | 4.4 | 4.4 |
| -47.5° | 12.3 | 8.3 | 5.6 | 4.5 | 4.4 | 4.4 | 4.4 |
| -50° | 11.7 | 8.1 | 5.6 | 4.6 | 4.4 | 4.4 | 4.4 |
| -52.5° | 11.3 | 7.7 | 5.6 | 4.6 | 4.4 | 4.4 | 4.4 |
| -55° | 10.8 | 7.5 | 5.5 | 4.6 | 4.4 | 4.4 | 4.4 |
| -57.5° | 10.2 | 7.2 | 5.4 | 4.6 | 4.4 | 4.4 | 4.4 |
| -60° | 9.6 | 6.9 | 5.2 | 4.6 | 4.4 | 4.4 | 4.4 |
| -62.5° | 8.9 | 6.5 | 5.1 | 4.5 | 4.4 | 4.4 | 4.4 |
| -65° | 8.2 | 6.1 | 5.0 | 4.5 | 4.4 | 4.4 | 4.4 |
| -67.5° | 7.4 | 5.7 | 4.9 | 4.5 | 4.4 | 4.4 | 4.4 |
| -70° | 6.5 | 5.4 | 4.8 | 4.4 | 4.4 | 4.4 | 4.4 |
| -72.5° | 6.0 | 5.2 | 4.6 | 4.4 | 4.4 | 4.4 | 4.4 |
| -75° | 5.5 | 4.8 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -77.5° | 5.0 | 4.5 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -80° | 4.5 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -82.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -85° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -87.5° | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 | 4.4 |
| -90° | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 | 3.3 | 4.4 |

(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

