

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: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 8/15/2023

Test Information

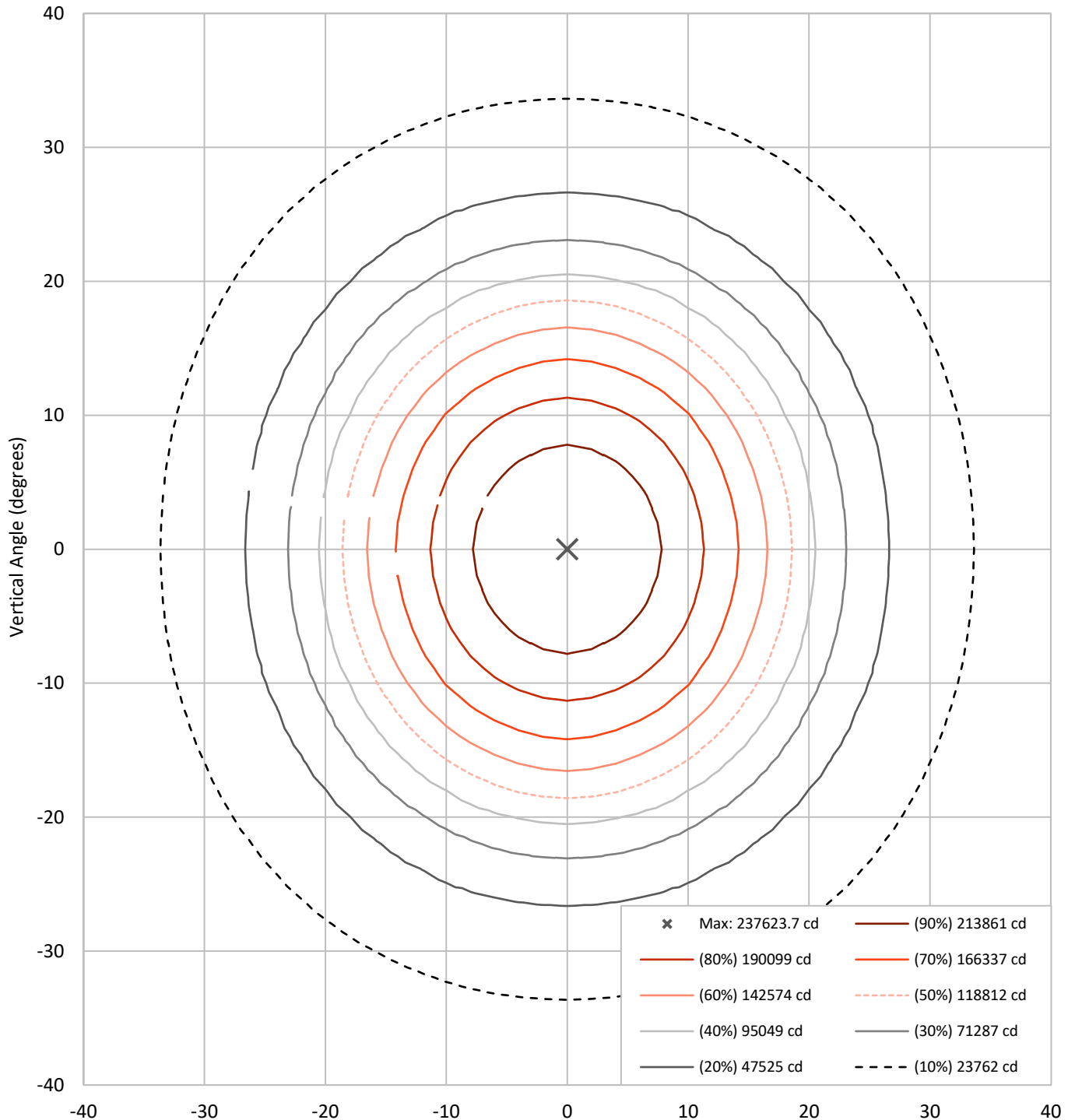
Test Method: LM-79-08
Report Number: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-4)
Test Lab: INNOVATION CENTER
Issue Date: 8/15/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08-0680R-40-70-4S-HEG-S
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 109736.8 lumens | Max Intensity: | 237623.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 157.3 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 37.2°H x 37.2°V | Field Angle (10%): | 67.2°H x 67.2°V |
| Beam Lumens: | 57128 lumens | Field Lumens: | 95965.5 lumens |
| Beam Efficiency: | 52.1% | Field Efficiency: | 87.5% |
| 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-HEG-S

Iso-Candela Plot





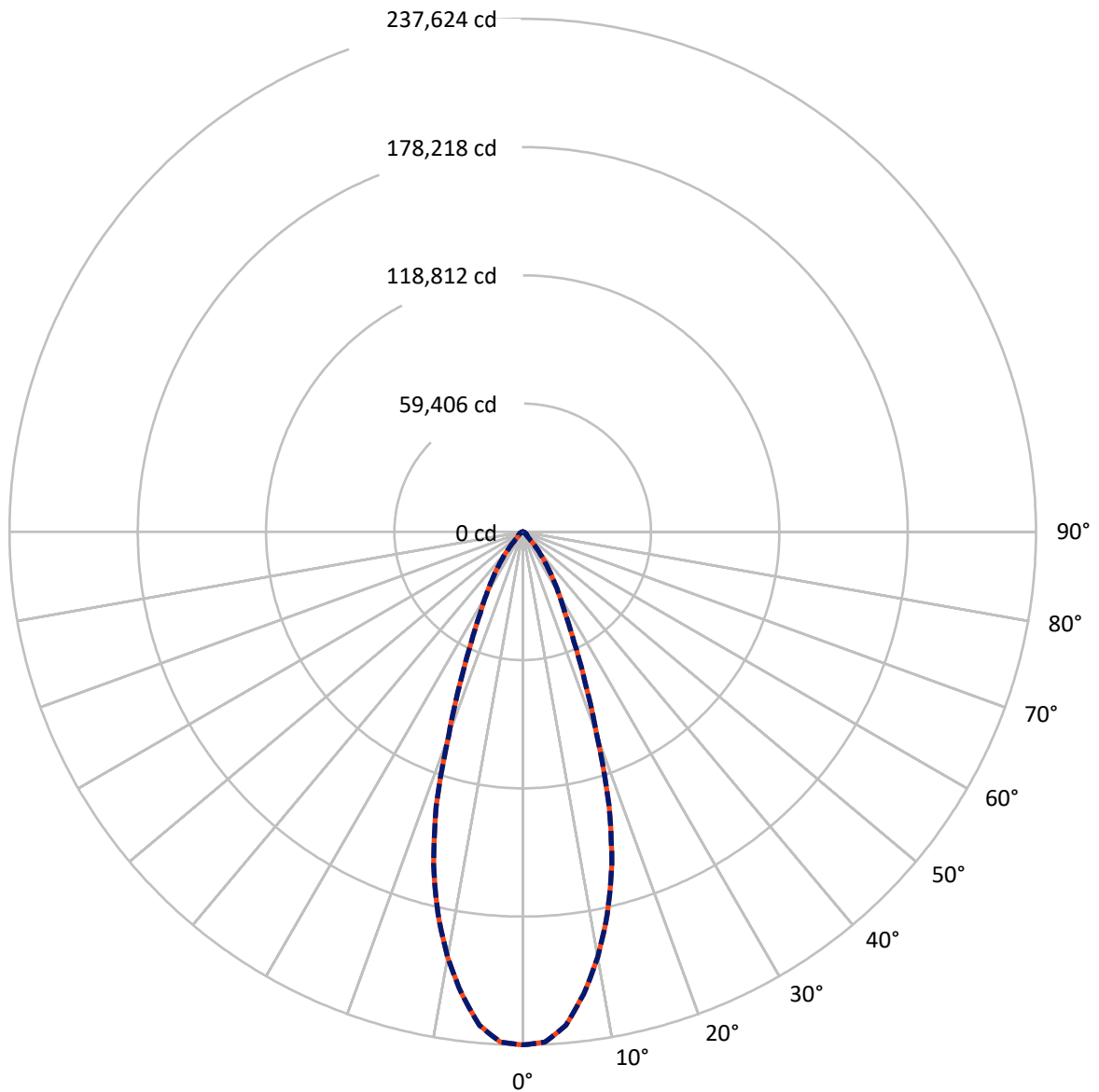
REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|------|------|------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|------|-----|
| 90 | | | | | | | | | | | | | | | | |
| 80 | 0.1 | 0.8 | | 3.3 | | 7.8 | | 10.1 | | 7.8 | | 3.3 | | 0.8 | | 0.1 |
| 70 | | | | | | | | | | | | | | | | |
| 60 | 0.4 | 0.5 | 2.0 | 5.5 | 11.4 | 18.5 | 24.8 | 28.3 | 28.3 | 24.8 | 18.5 | 11.4 | 5.5 | 2.0 | 0.5 | 0.4 |
| 50 | | 1.5 | 6.5 | 17.6 | 32.4 | 45.6 | 55.2 | 60.6 | 60.6 | 55.2 | 45.6 | 32.4 | 17.6 | 6.5 | 1.5 | |
| 40 | 1.1 | 3.4 | 14.4 | 32.9 | 51.1 | 71.0 | 101.9 | 134.5 | 134.5 | 101.9 | 71.0 | 51.1 | 32.9 | 14.4 | 3.4 | 1.1 |
| 30 | | 6.1 | 22.9 | 44.2 | 76.7 | 206.4 | 436.8 | 605.9 | 605.9 | 436.8 | 206.4 | 76.7 | 44.2 | 22.9 | 6.1 | |
| 20 | 2.3 | 9.0 | 29.1 | 55.6 | 188.0 | 587.3 | 1148.5 | 1707.7 | 1707.7 | 1148.5 | 587.3 | 188.0 | 55.6 | 29.1 | 9.0 | 2.3 |
| 10 | | 11.2 | 33.1 | 75.5 | 374.1 | 1081.4 | 2678.0 | 4396.1 | 4396.1 | 2678.0 | 1081.4 | 374.1 | 75.5 | 33.1 | 11.2 | |
| 0 | 2.8 | 12.4 | 35.2 | 97.3 | 503.5 | 1563.7 | 4271.9 | 6434.8 | 6434.8 | 4271.9 | 1563.7 | 503.5 | 97.3 | 35.2 | 12.4 | 2.8 |
| -10 | | 12.4 | 35.2 | 97.3 | 503.5 | 1563.7 | 4271.9 | 6434.8 | 6434.8 | 4271.9 | 1563.7 | 503.5 | 97.3 | 35.2 | 12.4 | |
| -20 | 2.3 | 11.2 | 33.1 | 75.5 | 374.1 | 1081.4 | 2678.0 | 4396.1 | 4396.1 | 2678.0 | 1081.4 | 374.1 | 75.5 | 33.1 | 11.2 | 2.3 |
| -30 | | 9.0 | 29.1 | 55.6 | 188.0 | 587.3 | 1148.5 | 1707.7 | 1707.7 | 1148.5 | 587.3 | 188.0 | 55.6 | 29.1 | 9.0 | |
| -40 | 1.1 | 6.1 | 22.9 | 44.2 | 76.7 | 206.4 | 436.8 | 605.9 | 605.9 | 436.8 | 206.4 | 76.7 | 44.2 | 22.9 | 6.1 | 1.1 |
| -50 | | 3.4 | 14.4 | 32.9 | 51.1 | 71.0 | 101.9 | 134.5 | 134.5 | 101.9 | 71.0 | 51.1 | 32.9 | 14.4 | 3.4 | |
| -60 | 0.4 | 1.5 | 6.5 | 17.6 | 32.4 | 45.6 | 55.2 | 60.6 | 60.6 | 55.2 | 45.6 | 32.4 | 17.6 | 6.5 | 1.5 | 0.4 |
| -70 | | 0.5 | 2.0 | 5.5 | 11.4 | 18.5 | 24.8 | 28.3 | 28.3 | 24.8 | 18.5 | 11.4 | 5.5 | 2.0 | 0.5 | |
| -80 | | | | | | | | | | | | | | | | |
| -90 | 0.1 | 0.8 | | 3.3 | | 7.8 | | 10.1 | | 7.8 | | 3.3 | | 0.8 | | 0.1 |

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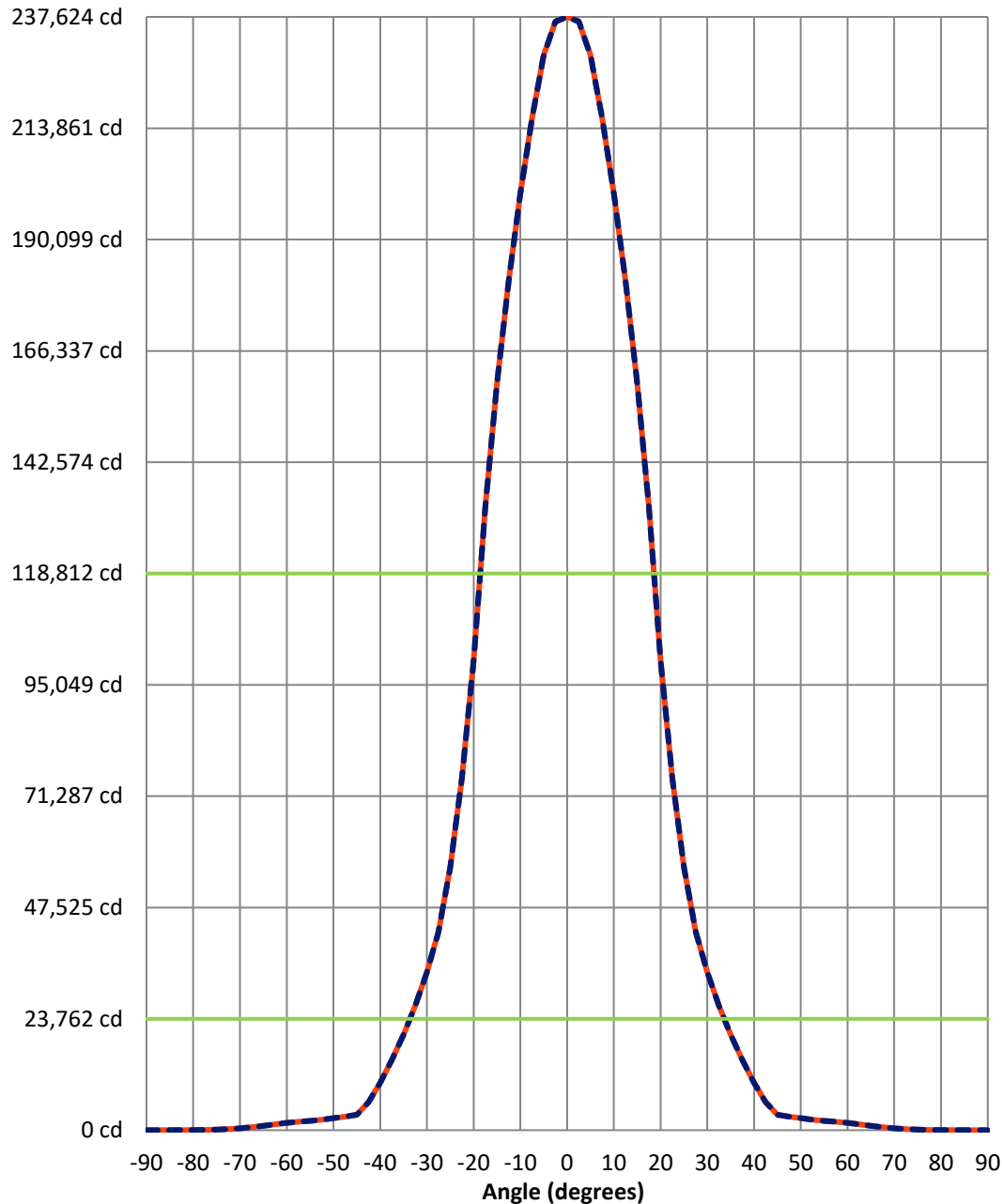
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 37.2°
 V Angle: 37.2°
 Lumens: 57128
 Efficiency: 52.1%

Field:
 H Angle: 67.2°
 V Angle: 67.2°
 Lumens: 95965.5
 Efficiency: 87.5%

Spill:
 Lumens: 13771.4
 Efficiency: 12.5%

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



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
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FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.4 | 1.7 | 1.9 | 2.1 | 2.3 |
| 85° | 0.0 | 0.5 | 1.0 | 1.4 | 1.9 | 2.4 | 2.8 | 3.3 | 3.8 | 4.2 | 4.6 |
| 82.5° | 0.0 | 0.7 | 1.4 | 2.1 | 2.9 | 3.6 | 4.3 | 4.9 | 5.6 | 6.3 | 7.0 |
| 80° | 0.0 | 1.0 | 1.9 | 2.9 | 3.8 | 4.7 | 5.7 | 6.6 | 7.5 | 8.4 | 9.3 |
| 77.5° | 0.0 | 1.2 | 2.4 | 3.6 | 4.7 | 5.9 | 7.1 | 8.2 | 9.3 | 10.5 | 11.9 |
| 75° | 0.0 | 1.4 | 2.8 | 4.3 | 5.7 | 7.1 | 8.5 | 9.8 | 11.3 | 13.5 | 15.7 |
| 72.5° | 0.0 | 1.7 | 3.3 | 4.9 | 6.6 | 8.2 | 9.8 | 11.7 | 14.3 | 16.9 | 19.4 |
| 70° | 0.0 | 1.9 | 3.8 | 5.6 | 7.5 | 9.3 | 11.3 | 14.3 | 17.3 | 20.2 | 23.1 |
| 67.5° | 0.0 | 2.1 | 4.2 | 6.3 | 8.4 | 10.5 | 13.5 | 16.9 | 20.2 | 23.5 | 26.7 |
| 65° | 0.0 | 2.3 | 4.6 | 7.0 | 9.3 | 11.9 | 15.7 | 19.4 | 23.1 | 26.7 | 32.6 |
| 62.5° | 0.0 | 2.5 | 5.1 | 7.6 | 10.1 | 13.7 | 17.8 | 21.9 | 25.9 | 31.3 | 43.9 |
| 60° | 0.0 | 2.7 | 5.5 | 8.2 | 11.0 | 15.4 | 19.9 | 24.3 | 28.6 | 41.3 | 55.0 |
| 57.5° | 0.0 | 3.0 | 5.9 | 8.8 | 12.3 | 17.1 | 21.9 | 26.6 | 36.1 | 51.1 | 76.3 |
| 55° | 0.0 | 3.2 | 6.3 | 9.4 | 13.6 | 18.8 | 23.9 | 29.0 | 44.6 | 63.6 | 102.0 |
| 52.5° | 0.0 | 3.3 | 6.7 | 10.0 | 14.9 | 20.4 | 25.8 | 35.6 | 52.8 | 86.2 | 127.1 |
| 50° | 0.0 | 3.5 | 7.1 | 10.6 | 16.1 | 21.9 | 27.7 | 42.6 | 64.2 | 108.1 | 159.8 |
| 47.5° | 0.0 | 3.7 | 7.4 | 11.2 | 17.3 | 23.4 | 30.0 | 49.4 | 83.0 | 129.2 | 192.4 |
| 45° | 0.0 | 3.9 | 7.8 | 12.1 | 18.5 | 24.8 | 35.6 | 55.9 | 101.1 | 157.3 | 223.9 |
| 42.5° | 0.0 | 4.1 | 8.1 | 12.9 | 19.6 | 26.2 | 40.9 | 67.3 | 118.5 | 184.5 | 272.3 |
| 40° | 0.0 | 4.2 | 8.4 | 13.7 | 20.6 | 27.5 | 46.0 | 81.8 | 137.2 | 210.4 | 321.7 |
| 37.5° | 0.0 | 4.4 | 8.7 | 14.4 | 21.6 | 28.8 | 50.9 | 95.6 | 159.1 | 240.0 | 368.8 |
| 35° | 0.0 | 4.5 | 9.0 | 15.1 | 22.6 | 31.7 | 55.5 | 108.6 | 179.8 | 280.0 | 420.9 |
| 32.5° | 0.0 | 4.6 | 9.3 | 15.8 | 23.5 | 35.3 | 61.6 | 120.9 | 199.3 | 317.7 | 481.4 |
| 30° | 0.0 | 4.8 | 9.5 | 16.4 | 24.3 | 38.6 | 71.4 | 133.4 | 217.6 | 353.0 | 538.1 |
| 27.5° | 0.0 | 4.9 | 9.8 | 17.0 | 25.1 | 41.7 | 80.5 | 148.2 | 239.1 | 385.8 | 590.8 |
| 25° | 0.0 | 5.0 | 10.0 | 17.5 | 25.8 | 44.6 | 88.9 | 161.8 | 265.8 | 424.7 | 639.9 |
| 22.5° | 0.0 | 5.1 | 10.2 | 18.0 | 26.4 | 47.2 | 96.5 | 174.3 | 290.2 | 464.4 | 693.6 |
| 20° | 0.0 | 5.2 | 10.3 | 18.4 | 27.0 | 49.5 | 103.4 | 185.5 | 312.2 | 500.2 | 742.0 |
| 17.5° | 0.0 | 5.2 | 10.5 | 18.8 | 27.5 | 51.6 | 109.5 | 195.4 | 331.7 | 532.0 | 785.0 |
| 15° | 0.0 | 5.3 | 10.6 | 19.2 | 27.9 | 53.4 | 114.8 | 204.1 | 348.7 | 559.7 | 822.6 |
| 12.5° | 0.0 | 5.4 | 10.7 | 19.4 | 28.3 | 55.0 | 119.3 | 211.4 | 363.2 | 583.4 | 854.6 |
| 10° | 0.0 | 5.4 | 10.8 | 19.7 | 28.6 | 56.2 | 123.1 | 217.5 | 375.1 | 602.8 | 880.9 |
| 7.5° | 0.0 | 5.5 | 10.9 | 19.9 | 28.9 | 57.2 | 126.0 | 222.2 | 384.4 | 617.9 | 901.5 |
| 5° | 0.0 | 5.5 | 11.0 | 20.0 | 29.1 | 57.9 | 128.0 | 225.6 | 391.1 | 628.8 | 916.2 |
| 2.5° | 0.0 | 5.5 | 11.0 | 20.1 | 29.2 | 58.4 | 129.3 | 227.6 | 395.1 | 635.3 | 925.0 |
| 0° | 0.0 | 5.5 | 11.0 | 20.1 | 29.2 | 58.4 | 129.3 | 227.6 | 395.1 | 635.3 | 925.0 |
| -2.5° | 0.0 | 5.5 | 11.0 | 20.1 | 29.2 | 58.4 | 129.3 | 227.6 | 395.1 | 635.3 | 925.0 |
| -5° | 0.0 | 5.5 | 11.0 | 20.0 | 29.1 | 57.9 | 128.0 | 225.6 | 391.1 | 628.8 | 916.2 |
| -7.5° | 0.0 | 5.5 | 10.9 | 19.9 | 28.9 | 57.2 | 126.0 | 222.2 | 384.4 | 617.9 | 901.5 |
| -10° | 0.0 | 5.4 | 10.8 | 19.7 | 28.6 | 56.2 | 123.1 | 217.5 | 375.1 | 602.8 | 880.9 |
| -12.5° | 0.0 | 5.4 | 10.7 | 19.4 | 28.3 | 55.0 | 119.3 | 211.4 | 363.2 | 583.4 | 854.6 |
| -15° | 0.0 | 5.3 | 10.6 | 19.2 | 27.9 | 53.4 | 114.8 | 204.1 | 348.7 | 559.7 | 822.6 |
| -17.5° | 0.0 | 5.2 | 10.5 | 18.8 | 27.5 | 51.6 | 109.5 | 195.4 | 331.7 | 532.0 | 785.0 |
| -20° | 0.0 | 5.2 | 10.3 | 18.4 | 27.0 | 49.5 | 103.4 | 185.5 | 312.2 | 500.2 | 742.0 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 0.0 | 5.1 | 10.2 | 18.0 | 26.4 | 47.2 | 96.5 | 174.3 | 290.2 | 464.4 | 693.6 |
| -25° | 0.0 | 5.0 | 10.0 | 17.5 | 25.8 | 44.6 | 88.9 | 161.8 | 265.8 | 424.7 | 639.9 |
| -27.5° | 0.0 | 4.9 | 9.8 | 17.0 | 25.1 | 41.7 | 80.5 | 148.2 | 239.1 | 385.8 | 590.8 |
| -30° | 0.0 | 4.8 | 9.5 | 16.4 | 24.3 | 38.6 | 71.4 | 133.4 | 217.6 | 353.0 | 538.1 |
| -32.5° | 0.0 | 4.6 | 9.3 | 15.8 | 23.5 | 35.3 | 61.6 | 120.9 | 199.3 | 317.7 | 481.4 |
| -35° | 0.0 | 4.5 | 9.0 | 15.1 | 22.6 | 31.7 | 55.5 | 108.6 | 179.8 | 280.0 | 420.9 |
| -37.5° | 0.0 | 4.4 | 8.7 | 14.4 | 21.6 | 28.8 | 50.9 | 95.6 | 159.1 | 240.0 | 368.8 |
| -40° | 0.0 | 4.2 | 8.4 | 13.7 | 20.6 | 27.5 | 46.0 | 81.8 | 137.2 | 210.4 | 321.7 |
| -42.5° | 0.0 | 4.1 | 8.1 | 12.9 | 19.6 | 26.2 | 40.9 | 67.3 | 118.5 | 184.5 | 272.3 |
| -45° | 0.0 | 3.9 | 7.8 | 12.1 | 18.5 | 24.8 | 35.6 | 55.9 | 101.1 | 157.3 | 223.9 |
| -47.5° | 0.0 | 3.7 | 7.4 | 11.2 | 17.3 | 23.4 | 30.0 | 49.4 | 83.0 | 129.2 | 192.4 |
| -50° | 0.0 | 3.5 | 7.1 | 10.6 | 16.1 | 21.9 | 27.7 | 42.6 | 64.2 | 108.1 | 159.8 |
| -52.5° | 0.0 | 3.3 | 6.7 | 10.0 | 14.9 | 20.4 | 25.8 | 35.6 | 52.8 | 86.2 | 127.1 |
| -55° | 0.0 | 3.2 | 6.3 | 9.4 | 13.6 | 18.8 | 23.9 | 29.0 | 44.6 | 63.6 | 102.0 |
| -57.5° | 0.0 | 3.0 | 5.9 | 8.8 | 12.3 | 17.1 | 21.9 | 26.6 | 36.1 | 51.1 | 76.3 |
| -60° | 0.0 | 2.7 | 5.5 | 8.2 | 11.0 | 15.4 | 19.9 | 24.3 | 28.6 | 41.3 | 55.0 |
| -62.5° | 0.0 | 2.5 | 5.1 | 7.6 | 10.1 | 13.7 | 17.8 | 21.9 | 25.9 | 31.3 | 43.9 |
| -65° | 0.0 | 2.3 | 4.6 | 7.0 | 9.3 | 11.9 | 15.7 | 19.4 | 23.1 | 26.7 | 32.6 |
| -67.5° | 0.0 | 2.1 | 4.2 | 6.3 | 8.4 | 10.5 | 13.5 | 16.9 | 20.2 | 23.5 | 26.7 |
| -70° | 0.0 | 1.9 | 3.8 | 5.6 | 7.5 | 9.3 | 11.3 | 14.3 | 17.3 | 20.2 | 23.1 |
| -72.5° | 0.0 | 1.7 | 3.3 | 4.9 | 6.6 | 8.2 | 9.8 | 11.7 | 14.3 | 16.9 | 19.4 |
| -75° | 0.0 | 1.4 | 2.8 | 4.3 | 5.7 | 7.1 | 8.5 | 9.8 | 11.3 | 13.5 | 15.7 |
| -77.5° | 0.0 | 1.2 | 2.4 | 3.6 | 4.7 | 5.9 | 7.1 | 8.2 | 9.3 | 10.5 | 11.9 |
| -80° | 0.0 | 1.0 | 1.9 | 2.9 | 3.8 | 4.7 | 5.7 | 6.6 | 7.5 | 8.4 | 9.3 |
| -82.5° | 0.0 | 0.7 | 1.4 | 2.1 | 2.9 | 3.6 | 4.3 | 4.9 | 5.6 | 6.3 | 7.0 |
| -85° | 0.0 | 0.5 | 1.0 | 1.4 | 1.9 | 2.4 | 2.8 | 3.3 | 3.8 | 4.2 | 4.6 |
| -87.5° | 0.0 | 0.2 | 0.5 | 0.7 | 1.0 | 1.2 | 1.4 | 1.7 | 1.9 | 2.1 | 2.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.5 | 2.7 | 3.0 | 3.2 | 3.3 | 3.5 | 3.7 | 3.9 | 4.1 | 4.2 | 4.4 |
| 85° | 5.1 | 5.5 | 5.9 | 6.3 | 6.7 | 7.1 | 7.4 | 7.8 | 8.1 | 8.4 | 8.7 |
| 82.5° | 7.6 | 8.2 | 8.8 | 9.4 | 10.0 | 10.6 | 11.2 | 12.1 | 12.9 | 13.7 | 14.4 |
| 80° | 10.1 | 11.0 | 12.3 | 13.6 | 14.9 | 16.1 | 17.3 | 18.5 | 19.6 | 20.6 | 21.6 |
| 77.5° | 13.7 | 15.4 | 17.1 | 18.8 | 20.4 | 21.9 | 23.4 | 24.8 | 26.2 | 27.5 | 28.8 |
| 75° | 17.8 | 19.9 | 21.9 | 23.9 | 25.8 | 27.7 | 30.0 | 35.6 | 40.9 | 46.0 | 50.9 |
| 72.5° | 21.9 | 24.3 | 26.6 | 29.0 | 35.6 | 42.6 | 49.4 | 55.9 | 67.3 | 81.8 | 95.6 |
| 70° | 25.9 | 28.6 | 36.1 | 44.6 | 52.8 | 64.2 | 83.0 | 101.1 | 118.5 | 137.2 | 159.1 |
| 67.5° | 31.3 | 41.3 | 51.1 | 63.6 | 86.2 | 108.1 | 129.2 | 157.3 | 184.5 | 210.4 | 240.0 |
| 65° | 43.9 | 55.0 | 76.3 | 102.0 | 127.1 | 159.8 | 192.4 | 223.9 | 272.3 | 321.7 | 368.8 |
| 62.5° | 56.3 | 82.7 | 111.6 | 143.8 | 182.0 | 219.1 | 273.8 | 333.0 | 389.9 | 465.4 | 540.0 |
| 60° | 82.7 | 114.8 | 152.7 | 195.4 | 243.2 | 312.2 | 379.1 | 464.4 | 553.8 | 639.9 | 738.7 |
| 57.5° | 111.6 | 152.7 | 199.9 | 258.5 | 335.4 | 416.1 | 520.2 | 621.0 | 734.8 | 847.3 | 957.9 |
| 55° | 143.8 | 195.4 | 258.5 | 343.1 | 438.5 | 554.1 | 672.3 | 803.4 | 930.2 | 1065.7 | 1195.4 |
| 52.5° | 182.0 | 243.2 | 335.4 | 438.5 | 565.4 | 699.7 | 844.9 | 992.2 | 1143.8 | 1288.2 | 1422.6 |
| 50° | 219.1 | 312.2 | 416.1 | 554.1 | 699.7 | 858.8 | 1023.5 | 1191.0 | 1349.3 | 1499.6 | 1624.7 |
| 47.5° | 273.8 | 379.1 | 520.2 | 672.3 | 844.9 | 1023.5 | 1206.9 | 1380.0 | 1546.3 | 1672.7 | 1790.8 |
| 45° | 333.0 | 464.4 | 621.0 | 803.4 | 992.2 | 1191.0 | 1380.0 | 1561.9 | 1696.9 | 1821.3 | 1919.2 |
| 42.5° | 389.9 | 553.8 | 734.8 | 930.2 | 1143.8 | 1349.3 | 1546.3 | 1696.9 | 1830.9 | 1938.7 | 2062.0 |
| 40° | 465.4 | 639.9 | 847.3 | 1065.7 | 1288.2 | 1499.6 | 1672.7 | 1821.3 | 1938.7 | 2075.1 | 2221.4 |
| 37.5° | 540.0 | 738.7 | 957.9 | 1195.4 | 1422.6 | 1624.7 | 1790.8 | 1919.2 | 2062.0 | 2221.4 | 2436.7 |
| 35° | 611.0 | 832.5 | 1071.8 | 1316.4 | 1551.0 | 1730.2 | 1880.6 | 2022.7 | 2194.6 | 2417.3 | 2639.6 |
| 32.5° | 686.2 | 921.2 | 1179.7 | 1429.0 | 1646.6 | 1823.5 | 1964.4 | 2141.5 | 2359.6 | 2604.3 | 2820.6 |
| 30° | 762.0 | 1013.2 | 1280.0 | 1535.1 | 1734.4 | 1897.2 | 2063.0 | 2264.7 | 2529.7 | 2766.6 | 3034.9 |
| 27.5° | 832.5 | 1099.7 | 1370.9 | 1617.2 | 1812.7 | 1966.3 | 2161.7 | 2414.3 | 2677.8 | 2934.1 | 3259.9 |
| 25° | 897.7 | 1179.7 | 1455.2 | 1687.4 | 1872.1 | 2045.7 | 2263.9 | 2554.0 | 2812.0 | 3131.7 | 4340.3 |
| 22.5° | 960.6 | 1252.8 | 1532.3 | 1751.8 | 1926.6 | 2124.0 | 2383.4 | 2671.4 | 2956.2 | 3360.3 | 5573.6 |
| 20° | 1020.5 | 1316.4 | 1592.7 | 1807.8 | 1976.0 | 2195.2 | 2492.2 | 2776.5 | 3112.0 | 4412.5 | 7124.8 |
| 17.5° | 1073.9 | 1373.1 | 1640.3 | 1848.3 | 2032.0 | 2271.3 | 2588.1 | 2871.0 | 3252.3 | 5361.7 | 8724.4 |
| 15° | 1120.5 | 1422.6 | 1682.0 | 1883.8 | 2083.4 | 2350.3 | 2664.7 | 2980.8 | 3742.3 | 6335.9 | 10150.0 |
| 12.5° | 1160.2 | 1464.9 | 1717.5 | 1914.1 | 2127.3 | 2417.8 | 2730.4 | 3078.8 | 4408.5 | 7464.1 | 11595.3 |
| 10° | 1192.8 | 1499.6 | 1746.8 | 1939.1 | 2163.5 | 2473.5 | 2784.7 | 3159.9 | 4961.1 | 8401.6 | 12798.9 |
| 7.5° | 1218.3 | 1526.8 | 1769.7 | 1958.6 | 2191.9 | 2517.3 | 2827.3 | 3223.7 | 5395.6 | 9140.0 | 13748.8 |
| 5° | 1236.6 | 1546.3 | 1786.1 | 1972.6 | 2212.2 | 2548.7 | 2858.0 | 3269.5 | 5708.6 | 9672.6 | 14434.9 |
| 2.5° | 1247.6 | 1558.0 | 1796.0 | 1981.1 | 2224.5 | 2567.6 | 2876.4 | 3297.2 | 5897.6 | 9994.3 | 14849.7 |
| 0° | 1251.3 | 1561.9 | 1799.3 | 1983.9 | 2228.6 | 2573.9 | 2882.6 | 3306.4 | 5960.7 | 10101.9 | 14988.5 |
| -2.5° | 1247.6 | 1558.0 | 1796.0 | 1981.1 | 2224.5 | 2567.6 | 2876.4 | 3297.2 | 5897.6 | 9994.3 | 14849.7 |
| -5° | 1236.6 | 1546.3 | 1786.1 | 1972.6 | 2212.2 | 2548.7 | 2858.0 | 3269.5 | 5708.6 | 9672.6 | 14434.9 |
| -7.5° | 1218.3 | 1526.8 | 1769.7 | 1958.6 | 2191.9 | 2517.3 | 2827.3 | 3223.7 | 5395.6 | 9140.0 | 13748.8 |
| -10° | 1192.8 | 1499.6 | 1746.8 | 1939.1 | 2163.5 | 2473.5 | 2784.7 | 3159.9 | 4961.1 | 8401.6 | 12798.9 |
| -12.5° | 1160.2 | 1464.9 | 1717.5 | 1914.1 | 2127.3 | 2417.8 | 2730.4 | 3078.8 | 4408.5 | 7464.1 | 11595.3 |
| -15° | 1120.5 | 1422.6 | 1682.0 | 1883.8 | 2083.4 | 2350.3 | 2664.7 | 2980.8 | 3742.3 | 6335.9 | 10150.0 |
| -17.5° | 1073.9 | 1373.1 | 1640.3 | 1848.3 | 2032.0 | 2271.3 | 2588.1 | 2871.0 | 3252.3 | 5361.7 | 8724.4 |
| -20° | 1020.5 | 1316.4 | 1592.7 | 1807.8 | 1976.0 | 2195.2 | 2492.2 | 2776.5 | 3112.0 | 4412.5 | 7124.8 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 960.6 | 1252.8 | 1532.3 | 1751.8 | 1926.6 | 2124.0 | 2383.4 | 2671.4 | 2956.2 | 3360.3 | 5573.6 |
| -25° | 897.7 | 1179.7 | 1455.2 | 1687.4 | 1872.1 | 2045.7 | 2263.9 | 2554.0 | 2812.0 | 3131.7 | 4340.3 |
| -27.5° | 832.5 | 1099.7 | 1370.9 | 1617.2 | 1812.7 | 1966.3 | 2161.7 | 2414.3 | 2677.8 | 2934.1 | 3259.9 |
| -30° | 762.0 | 1013.2 | 1280.0 | 1535.1 | 1734.4 | 1897.2 | 2063.0 | 2264.7 | 2529.7 | 2766.6 | 3034.9 |
| -32.5° | 686.2 | 921.2 | 1179.7 | 1429.0 | 1646.6 | 1823.5 | 1964.4 | 2141.5 | 2359.6 | 2604.3 | 2820.6 |
| -35° | 611.0 | 832.5 | 1071.8 | 1316.4 | 1551.0 | 1730.2 | 1880.6 | 2022.7 | 2194.6 | 2417.3 | 2639.6 |
| -37.5° | 540.0 | 738.7 | 957.9 | 1195.4 | 1422.6 | 1624.7 | 1790.8 | 1919.2 | 2062.0 | 2221.4 | 2436.7 |
| -40° | 465.4 | 639.9 | 847.3 | 1065.7 | 1288.2 | 1499.6 | 1672.7 | 1821.3 | 1938.7 | 2075.1 | 2221.4 |
| -42.5° | 389.9 | 553.8 | 734.8 | 930.2 | 1143.8 | 1349.3 | 1546.3 | 1696.9 | 1830.9 | 1938.7 | 2062.0 |
| -45° | 333.0 | 464.4 | 621.0 | 803.4 | 992.2 | 1191.0 | 1380.0 | 1561.9 | 1696.9 | 1821.3 | 1919.2 |
| -47.5° | 273.8 | 379.1 | 520.2 | 672.3 | 844.9 | 1023.5 | 1206.9 | 1380.0 | 1546.3 | 1672.7 | 1790.8 |
| -50° | 219.1 | 312.2 | 416.1 | 554.1 | 699.7 | 858.8 | 1023.5 | 1191.0 | 1349.3 | 1499.6 | 1624.7 |
| -52.5° | 182.0 | 243.2 | 335.4 | 438.5 | 565.4 | 699.7 | 844.9 | 992.2 | 1143.8 | 1288.2 | 1422.6 |
| -55° | 143.8 | 195.4 | 258.5 | 343.1 | 438.5 | 554.1 | 672.3 | 803.4 | 930.2 | 1065.7 | 1195.4 |
| -57.5° | 111.6 | 152.7 | 199.9 | 258.5 | 335.4 | 416.1 | 520.2 | 621.0 | 734.8 | 847.3 | 957.9 |
| -60° | 82.7 | 114.8 | 152.7 | 195.4 | 243.2 | 312.2 | 379.1 | 464.4 | 553.8 | 639.9 | 738.7 |
| -62.5° | 56.3 | 82.7 | 111.6 | 143.8 | 182.0 | 219.1 | 273.8 | 333.0 | 389.9 | 465.4 | 540.0 |
| -65° | 43.9 | 55.0 | 76.3 | 102.0 | 127.1 | 159.8 | 192.4 | 223.9 | 272.3 | 321.7 | 368.8 |
| -67.5° | 31.3 | 41.3 | 51.1 | 63.6 | 86.2 | 108.1 | 129.2 | 157.3 | 184.5 | 210.4 | 240.0 |
| -70° | 25.9 | 28.6 | 36.1 | 44.6 | 52.8 | 64.2 | 83.0 | 101.1 | 118.5 | 137.2 | 159.1 |
| -72.5° | 21.9 | 24.3 | 26.6 | 29.0 | 35.6 | 42.6 | 49.4 | 55.9 | 67.3 | 81.8 | 95.6 |
| -75° | 17.8 | 19.9 | 21.9 | 23.9 | 25.8 | 27.7 | 30.0 | 35.6 | 40.9 | 46.0 | 50.9 |
| -77.5° | 13.7 | 15.4 | 17.1 | 18.8 | 20.4 | 21.9 | 23.4 | 24.8 | 26.2 | 27.5 | 28.8 |
| -80° | 10.1 | 11.0 | 12.3 | 13.6 | 14.9 | 16.1 | 17.3 | 18.5 | 19.6 | 20.6 | 21.6 |
| -82.5° | 7.6 | 8.2 | 8.8 | 9.4 | 10.0 | 10.6 | 11.2 | 12.1 | 12.9 | 13.7 | 14.4 |
| -85° | 5.1 | 5.5 | 5.9 | 6.3 | 6.7 | 7.1 | 7.4 | 7.8 | 8.1 | 8.4 | 8.7 |
| -87.5° | 2.5 | 2.7 | 3.0 | 3.2 | 3.3 | 3.5 | 3.7 | 3.9 | 4.1 | 4.2 | 4.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.2 | 5.3 | 5.4 | 5.4 |
| 85° | 9.0 | 9.3 | 9.5 | 9.8 | 10.0 | 10.2 | 10.3 | 10.5 | 10.6 | 10.7 | 10.8 |
| 82.5° | 15.1 | 15.8 | 16.4 | 17.0 | 17.5 | 18.0 | 18.4 | 18.8 | 19.2 | 19.4 | 19.7 |
| 80° | 22.6 | 23.5 | 24.3 | 25.1 | 25.8 | 26.4 | 27.0 | 27.5 | 27.9 | 28.3 | 28.6 |
| 77.5° | 31.7 | 35.3 | 38.6 | 41.7 | 44.6 | 47.2 | 49.5 | 51.6 | 53.4 | 55.0 | 56.2 |
| 75° | 55.5 | 61.6 | 71.4 | 80.5 | 88.9 | 96.5 | 103.4 | 109.5 | 114.8 | 119.3 | 123.1 |
| 72.5° | 108.6 | 120.9 | 133.4 | 148.2 | 161.8 | 174.3 | 185.5 | 195.4 | 204.1 | 211.4 | 217.5 |
| 70° | 179.8 | 199.3 | 217.6 | 239.1 | 265.8 | 290.2 | 312.2 | 331.7 | 348.7 | 363.2 | 375.1 |
| 67.5° | 280.0 | 317.7 | 353.0 | 385.8 | 424.7 | 464.4 | 500.2 | 532.0 | 559.7 | 583.4 | 602.8 |
| 65° | 420.9 | 481.4 | 538.1 | 590.8 | 639.9 | 693.6 | 742.0 | 785.0 | 822.6 | 854.6 | 880.9 |
| 62.5° | 611.0 | 686.2 | 762.0 | 832.5 | 897.7 | 960.6 | 1020.5 | 1073.9 | 1120.5 | 1160.2 | 1192.8 |
| 60° | 832.5 | 921.2 | 1013.2 | 1099.7 | 1179.7 | 1252.8 | 1316.4 | 1373.1 | 1422.6 | 1464.9 | 1499.6 |
| 57.5° | 1071.8 | 1179.7 | 1280.0 | 1370.9 | 1455.2 | 1532.3 | 1592.7 | 1640.3 | 1682.0 | 1717.5 | 1746.8 |
| 55° | 1316.4 | 1429.0 | 1535.1 | 1617.2 | 1687.4 | 1751.8 | 1807.8 | 1848.3 | 1883.8 | 1914.1 | 1939.1 |
| 52.5° | 1551.0 | 1646.6 | 1734.4 | 1812.7 | 1872.1 | 1926.6 | 1976.0 | 2032.0 | 2083.4 | 2127.3 | 2163.5 |
| 50° | 1730.2 | 1823.5 | 1897.2 | 1966.3 | 2045.7 | 2124.0 | 2195.2 | 2271.3 | 2350.3 | 2417.8 | 2473.5 |
| 47.5° | 1880.6 | 1964.4 | 2063.0 | 2161.7 | 2263.9 | 2383.4 | 2492.2 | 2588.1 | 2664.7 | 2730.4 | 2784.7 |
| 45° | 2022.7 | 2141.5 | 2264.7 | 2414.3 | 2554.0 | 2671.4 | 2776.5 | 2871.0 | 2980.8 | 3078.8 | 3159.9 |
| 42.5° | 2194.6 | 2359.6 | 2529.7 | 2677.8 | 2812.0 | 2956.2 | 3112.0 | 3252.3 | 3742.3 | 4408.5 | 4961.1 |
| 40° | 2417.3 | 2604.3 | 2766.6 | 2934.1 | 3131.7 | 3360.3 | 4412.5 | 5361.7 | 6335.9 | 7464.1 | 8401.6 |
| 37.5° | 2639.6 | 2820.6 | 3034.9 | 3259.9 | 4340.3 | 5573.6 | 7124.8 | 8724.4 | 10150.0 | 11595.3 | 12798.9 |
| 35° | 2838.8 | 3085.8 | 3504.6 | 5007.1 | 6683.9 | 8748.1 | 10750.0 | 12787.9 | 14600.6 | 16290.4 | 17734.1 |
| 32.5° | 3085.8 | 3669.0 | 5344.7 | 7494.3 | 9855.4 | 12421.4 | 14836.9 | 17244.8 | 19408.1 | 21421.8 | 23225.5 |
| 30° | 3504.6 | 5344.7 | 7766.9 | 10473.7 | 13444.5 | 16366.1 | 19226.3 | 22057.0 | 24743.8 | 27179.3 | 29472.6 |
| 27.5° | 5007.1 | 7494.3 | 10473.7 | 13789.1 | 17151.1 | 20453.6 | 23973.9 | 27321.0 | 30713.1 | 33688.5 | 36750.8 |
| 25° | 6683.9 | 9855.4 | 13444.5 | 17151.1 | 20923.7 | 24951.0 | 29090.2 | 33156.4 | 37531.8 | 41498.5 | 46250.8 |
| 22.5° | 8748.1 | 12421.4 | 16366.1 | 20453.6 | 24951.0 | 29688.3 | 34561.3 | 39917.3 | 46153.4 | 52975.0 | 59854.1 |
| 20° | 10750.0 | 14836.9 | 19226.3 | 23973.9 | 29090.2 | 34561.3 | 40726.3 | 48824.4 | 57578.5 | 68008.0 | 77567.4 |
| 17.5° | 12787.9 | 17244.8 | 22057.0 | 27321.0 | 33156.4 | 39917.3 | 48824.4 | 59572.0 | 72235.3 | 86353.8 | 99512.0 |
| 15° | 14600.6 | 19408.1 | 24743.8 | 30713.1 | 37531.8 | 46153.4 | 57578.5 | 72235.3 | 89367.5 | 107705.6 | 126932.6 |
| 12.5° | 16290.4 | 21421.8 | 27179.3 | 33688.5 | 41498.5 | 52975.0 | 68008.0 | 86353.8 | 107705.6 | 131602.4 | 149284.3 |
| 10° | 17734.1 | 23225.5 | 29472.6 | 36750.8 | 46250.8 | 59854.1 | 77567.4 | 99512.0 | 126932.6 | 149284.3 | 167501.7 |
| 7.5° | 18876.1 | 24656.1 | 31297.7 | 39200.7 | 50501.1 | 66428.4 | 87210.3 | 113465.3 | 141111.8 | 163508.3 | 181419.7 |
| 5° | 19702.4 | 25693.7 | 32625.0 | 40988.4 | 53616.4 | 71275.1 | 94374.4 | 124120.7 | 151023.2 | 173262.7 | 191346.1 |
| 2.5° | 20202.6 | 26322.7 | 33431.3 | 42077.1 | 55519.5 | 74248.6 | 98795.1 | 130749.7 | 157263.8 | 179248.2 | 197704.4 |
| 0° | 20370.1 | 26533.5 | 33701.7 | 42442.7 | 56159.8 | 75251.2 | 100290.4 | 133002.0 | 159398.6 | 181232.9 | 199952.4 |
| -2.5° | 20202.6 | 26322.7 | 33431.3 | 42077.1 | 55519.5 | 74248.6 | 98795.1 | 130749.7 | 157263.8 | 179248.2 | 197704.4 |
| -5° | 19702.4 | 25693.7 | 32625.0 | 40988.4 | 53616.4 | 71275.1 | 94374.4 | 124120.7 | 151023.2 | 173262.7 | 191346.1 |
| -7.5° | 18876.1 | 24656.1 | 31297.7 | 39200.7 | 50501.1 | 66428.4 | 87210.3 | 113465.3 | 141111.8 | 163508.3 | 181419.7 |
| -10° | 17734.1 | 23225.5 | 29472.6 | 36750.8 | 46250.8 | 59854.1 | 77567.4 | 99512.0 | 126932.6 | 149284.3 | 167501.7 |
| -12.5° | 16290.4 | 21421.8 | 27179.3 | 33688.5 | 41498.5 | 52975.0 | 68008.0 | 86353.8 | 107705.6 | 131602.4 | 149284.3 |
| -15° | 14600.6 | 19408.1 | 24743.8 | 30713.1 | 37531.8 | 46153.4 | 57578.5 | 72235.3 | 89367.5 | 107705.6 | 126932.6 |
| -17.5° | 12787.9 | 17244.8 | 22057.0 | 27321.0 | 33156.4 | 39917.3 | 48824.4 | 59572.0 | 72235.3 | 86353.8 | 99512.0 |
| -20° | 10750.0 | 14836.9 | 19226.3 | 23973.9 | 29090.2 | 34561.3 | 40726.3 | 48824.4 | 57578.5 | 68008.0 | 77567.4 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 8748.1 | 12421.4 | 16366.1 | 20453.6 | 24951.0 | 29688.3 | 34561.3 | 39917.3 | 46153.4 | 52975.0 | 59854.1 |
| -25° | 6683.9 | 9855.4 | 13444.5 | 17151.1 | 20923.7 | 24951.0 | 29090.2 | 33156.4 | 37531.8 | 41498.5 | 46250.8 |
| -27.5° | 5007.1 | 7494.3 | 10473.7 | 13789.1 | 17151.1 | 20453.6 | 23973.9 | 27321.0 | 30713.1 | 33688.5 | 36750.8 |
| -30° | 3504.6 | 5344.7 | 7766.9 | 10473.7 | 13444.5 | 16366.1 | 19226.3 | 22057.0 | 24743.8 | 27179.3 | 29472.6 |
| -32.5° | 3085.8 | 3669.0 | 5344.7 | 7494.3 | 9855.4 | 12421.4 | 14836.9 | 17244.8 | 19408.1 | 21421.8 | 23225.5 |
| -35° | 2838.8 | 3085.8 | 3504.6 | 5007.1 | 6683.9 | 8748.1 | 10750.0 | 12787.9 | 14600.6 | 16290.4 | 17734.1 |
| -37.5° | 2639.6 | 2820.6 | 3034.9 | 3259.9 | 4340.3 | 5573.6 | 7124.8 | 8724.4 | 10150.0 | 11595.3 | 12798.9 |
| -40° | 2417.3 | 2604.3 | 2766.6 | 2934.1 | 3131.7 | 3360.3 | 4412.5 | 5361.7 | 6335.9 | 7464.1 | 8401.6 |
| -42.5° | 2194.6 | 2359.6 | 2529.7 | 2677.8 | 2812.0 | 2956.2 | 3112.0 | 3252.3 | 3742.3 | 4408.5 | 4961.1 |
| -45° | 2022.7 | 2141.5 | 2264.7 | 2414.3 | 2554.0 | 2671.4 | 2776.5 | 2871.0 | 2980.8 | 3078.8 | 3159.9 |
| -47.5° | 1880.6 | 1964.4 | 2063.0 | 2161.7 | 2263.9 | 2383.4 | 2492.2 | 2588.1 | 2664.7 | 2730.4 | 2784.7 |
| -50° | 1730.2 | 1823.5 | 1897.2 | 1966.3 | 2045.7 | 2124.0 | 2195.2 | 2271.3 | 2350.3 | 2417.8 | 2473.5 |
| -52.5° | 1551.0 | 1646.6 | 1734.4 | 1812.7 | 1872.1 | 1926.6 | 1976.0 | 2032.0 | 2083.4 | 2127.3 | 2163.5 |
| -55° | 1316.4 | 1429.0 | 1535.1 | 1617.2 | 1687.4 | 1751.8 | 1807.8 | 1848.3 | 1883.8 | 1914.1 | 1939.1 |
| -57.5° | 1071.8 | 1179.7 | 1280.0 | 1370.9 | 1455.2 | 1532.3 | 1592.7 | 1640.3 | 1682.0 | 1717.5 | 1746.8 |
| -60° | 832.5 | 921.2 | 1013.2 | 1099.7 | 1179.7 | 1252.8 | 1316.4 | 1373.1 | 1422.6 | 1464.9 | 1499.6 |
| -62.5° | 611.0 | 686.2 | 762.0 | 832.5 | 897.7 | 960.6 | 1020.5 | 1073.9 | 1120.5 | 1160.2 | 1192.8 |
| -65° | 420.9 | 481.4 | 538.1 | 590.8 | 639.9 | 693.6 | 742.0 | 785.0 | 822.6 | 854.6 | 880.9 |
| -67.5° | 280.0 | 317.7 | 353.0 | 385.8 | 424.7 | 464.4 | 500.2 | 532.0 | 559.7 | 583.4 | 602.8 |
| -70° | 179.8 | 199.3 | 217.6 | 239.1 | 265.8 | 290.2 | 312.2 | 331.7 | 348.7 | 363.2 | 375.1 |
| -72.5° | 108.6 | 120.9 | 133.4 | 148.2 | 161.8 | 174.3 | 185.5 | 195.4 | 204.1 | 211.4 | 217.5 |
| -75° | 55.5 | 61.6 | 71.4 | 80.5 | 88.9 | 96.5 | 103.4 | 109.5 | 114.8 | 119.3 | 123.1 |
| -77.5° | 31.7 | 35.3 | 38.6 | 41.7 | 44.6 | 47.2 | 49.5 | 51.6 | 53.4 | 55.0 | 56.2 |
| -80° | 22.6 | 23.5 | 24.3 | 25.1 | 25.8 | 26.4 | 27.0 | 27.5 | 27.9 | 28.3 | 28.6 |
| -82.5° | 15.1 | 15.8 | 16.4 | 17.0 | 17.5 | 18.0 | 18.4 | 18.8 | 19.2 | 19.4 | 19.7 |
| -85° | 9.0 | 9.3 | 9.5 | 9.8 | 10.0 | 10.2 | 10.3 | 10.5 | 10.6 | 10.7 | 10.8 |
| -87.5° | 4.5 | 4.6 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.2 | 5.3 | 5.4 | 5.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.3 | 5.2 |
| 85° | 10.9 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 |
| 82.5° | 19.9 | 20.0 | 20.1 | 20.1 | 20.1 | 20.0 | 19.9 | 19.7 | 19.4 | 19.2 | 18.8 |
| 80° | 28.9 | 29.1 | 29.2 | 29.2 | 29.2 | 29.1 | 28.9 | 28.6 | 28.3 | 27.9 | 27.5 |
| 77.5° | 57.2 | 57.9 | 58.4 | 58.5 | 58.4 | 57.9 | 57.2 | 56.2 | 55.0 | 53.4 | 51.6 |
| 75° | 126.0 | 128.0 | 129.3 | 129.7 | 129.3 | 128.0 | 126.0 | 123.1 | 119.3 | 114.8 | 109.5 |
| 72.5° | 222.2 | 225.6 | 227.6 | 228.3 | 227.6 | 225.6 | 222.2 | 217.5 | 211.4 | 204.1 | 195.4 |
| 70° | 384.4 | 391.1 | 395.1 | 396.4 | 395.1 | 391.1 | 384.4 | 375.1 | 363.2 | 348.7 | 331.7 |
| 67.5° | 617.9 | 628.8 | 635.3 | 637.5 | 635.3 | 628.8 | 617.9 | 602.8 | 583.4 | 559.7 | 532.0 |
| 65° | 901.5 | 916.2 | 925.0 | 928.0 | 925.0 | 916.2 | 901.5 | 880.9 | 854.6 | 822.6 | 785.0 |
| 62.5° | 1218.3 | 1236.6 | 1247.6 | 1251.3 | 1247.6 | 1236.6 | 1218.3 | 1192.8 | 1160.2 | 1120.5 | 1073.9 |
| 60° | 1526.8 | 1546.3 | 1558.0 | 1561.9 | 1558.0 | 1546.3 | 1526.8 | 1499.6 | 1464.9 | 1422.6 | 1373.1 |
| 57.5° | 1769.7 | 1786.1 | 1796.0 | 1799.3 | 1796.0 | 1786.1 | 1769.7 | 1746.8 | 1717.5 | 1682.0 | 1640.3 |
| 55° | 1958.6 | 1972.6 | 1981.1 | 1983.9 | 1981.1 | 1972.6 | 1958.6 | 1939.1 | 1914.1 | 1883.8 | 1848.3 |
| 52.5° | 2191.9 | 2212.2 | 2224.5 | 2228.6 | 2224.5 | 2212.2 | 2191.9 | 2163.5 | 2127.3 | 2083.4 | 2032.0 |
| 50° | 2517.3 | 2548.7 | 2567.6 | 2573.9 | 2567.6 | 2548.7 | 2517.3 | 2473.5 | 2417.8 | 2350.3 | 2271.3 |
| 47.5° | 2827.3 | 2858.0 | 2876.4 | 2882.6 | 2876.4 | 2858.0 | 2827.3 | 2784.7 | 2730.4 | 2664.7 | 2588.1 |
| 45° | 3223.7 | 3269.5 | 3297.2 | 3306.4 | 3297.2 | 3269.5 | 3223.7 | 3159.9 | 3078.8 | 2980.8 | 2871.0 |
| 42.5° | 5395.6 | 5708.6 | 5897.6 | 5960.7 | 5897.6 | 5708.6 | 5395.6 | 4961.1 | 4408.5 | 3742.3 | 3252.3 |
| 40° | 9140.0 | 9672.6 | 9994.3 | 10101.9 | 9994.3 | 9672.6 | 9140.0 | 8401.6 | 7464.1 | 6335.9 | 5361.7 |
| 37.5° | 13748.8 | 14434.9 | 14849.7 | 14988.5 | 14849.7 | 14434.9 | 13748.8 | 12798.9 | 11595.3 | 10150.0 | 8724.4 |
| 35° | 18876.1 | 19702.4 | 20202.6 | 20370.1 | 20202.6 | 19702.4 | 18876.1 | 17734.1 | 16290.4 | 14600.6 | 12787.9 |
| 32.5° | 24656.1 | 25693.7 | 26322.7 | 26533.5 | 26322.7 | 25693.7 | 24656.1 | 23225.5 | 21421.8 | 19408.1 | 17244.8 |
| 30° | 31297.7 | 32625.0 | 33431.3 | 33701.7 | 33431.3 | 32625.0 | 31297.7 | 29472.6 | 27179.3 | 24743.8 | 22057.0 |
| 27.5° | 39200.7 | 40988.4 | 42077.1 | 42442.7 | 42077.1 | 40988.4 | 39200.7 | 36750.8 | 33688.5 | 30713.1 | 27321.0 |
| 25° | 50501.1 | 53616.4 | 55519.5 | 56159.8 | 55519.5 | 53616.4 | 50501.1 | 46250.8 | 41498.5 | 37531.8 | 33156.4 |
| 22.5° | 66428.4 | 71275.1 | 74248.6 | 75251.2 | 74248.6 | 71275.1 | 66428.4 | 59854.1 | 52975.0 | 46153.4 | 39917.3 |
| 20° | 87210.3 | 94374.4 | 98795.1 | 100290.4 | 98795.1 | 94374.4 | 87210.3 | 77567.4 | 68008.0 | 57578.5 | 48824.4 |
| 17.5° | 113465.3 | 124120.7 | 130749.7 | 133002.0 | 130749.7 | 124120.7 | 113465.3 | 99512.0 | 86353.8 | 72235.3 | 59572.0 |
| 15° | 141111.8 | 151023.2 | 157263.8 | 159398.6 | 157263.8 | 151023.2 | 141111.8 | 126932.6 | 107705.6 | 89367.5 | 72235.3 |
| 12.5° | 163508.3 | 173262.7 | 179248.2 | 181232.9 | 179248.2 | 173262.7 | 163508.3 | 149284.3 | 131602.4 | 107705.6 | 86353.8 |
| 10° | 181419.7 | 191346.1 | 197704.4 | 199952.4 | 197704.4 | 191346.1 | 181419.7 | 167501.7 | 149284.3 | 126932.6 | 99512.0 |
| 7.5° | 195588.9 | 206792.9 | 213579.0 | 215994.1 | 213579.0 | 206792.9 | 195588.9 | 181419.7 | 163508.3 | 141111.8 | 113465.3 |
| 5° | 206792.9 | 218588.7 | 226620.8 | 229447.2 | 226620.8 | 218588.7 | 206792.9 | 191346.1 | 173262.7 | 151023.2 | 124120.7 |
| 2.5° | 213579.0 | 226620.8 | 234379.8 | 236609.0 | 234379.8 | 226620.8 | 213579.0 | 197704.4 | 179248.2 | 157263.8 | 130749.7 |
| 0° | 215994.1 | 229447.2 | 236609.0 | 237623.7 | 236609.0 | 229447.2 | 215994.1 | 199952.4 | 181232.9 | 159398.6 | 133002.0 |
| -2.5° | 213579.0 | 226620.8 | 234379.8 | 236609.0 | 234379.8 | 226620.8 | 213579.0 | 197704.4 | 179248.2 | 157263.8 | 130749.7 |
| -5° | 206792.9 | 218588.7 | 226620.8 | 229447.2 | 226620.8 | 218588.7 | 206792.9 | 191346.1 | 173262.7 | 151023.2 | 124120.7 |
| -7.5° | 195588.9 | 206792.9 | 213579.0 | 215994.1 | 213579.0 | 206792.9 | 195588.9 | 181419.7 | 163508.3 | 141111.8 | 113465.3 |
| -10° | 181419.7 | 191346.1 | 197704.4 | 199952.4 | 197704.4 | 191346.1 | 181419.7 | 167501.7 | 149284.3 | 126932.6 | 99512.0 |
| -12.5° | 163508.3 | 173262.7 | 179248.2 | 181232.9 | 179248.2 | 173262.7 | 163508.3 | 149284.3 | 131602.4 | 107705.6 | 86353.8 |
| -15° | 141111.8 | 151023.2 | 157263.8 | 159398.6 | 157263.8 | 151023.2 | 141111.8 | 126932.6 | 107705.6 | 89367.5 | 72235.3 |
| -17.5° | 113465.3 | 124120.7 | 130749.7 | 133002.0 | 130749.7 | 124120.7 | 113465.3 | 99512.0 | 86353.8 | 72235.3 | 59572.0 |
| -20° | 87210.3 | 94374.4 | 98795.1 | 100290.4 | 98795.1 | 94374.4 | 87210.3 | 77567.4 | 68008.0 | 57578.5 | 48824.4 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 66428.4 | 71275.1 | 74248.6 | 75251.2 | 74248.6 | 71275.1 | 66428.4 | 59854.1 | 52975.0 | 46153.4 | 39917.3 |
| -25° | 50501.1 | 53616.4 | 55519.5 | 56159.8 | 55519.5 | 53616.4 | 50501.1 | 46250.8 | 41498.5 | 37531.8 | 33156.4 |
| -27.5° | 39200.7 | 40988.4 | 42077.1 | 42442.7 | 42077.1 | 40988.4 | 39200.7 | 36750.8 | 33688.5 | 30713.1 | 27321.0 |
| -30° | 31297.7 | 32625.0 | 33431.3 | 33701.7 | 33431.3 | 32625.0 | 31297.7 | 29472.6 | 27179.3 | 24743.8 | 22057.0 |
| -32.5° | 24656.1 | 25693.7 | 26322.7 | 26533.5 | 26322.7 | 25693.7 | 24656.1 | 23225.5 | 21421.8 | 19408.1 | 17244.8 |
| -35° | 18876.1 | 19702.4 | 20202.6 | 20370.1 | 20202.6 | 19702.4 | 18876.1 | 17734.1 | 16290.4 | 14600.6 | 12787.9 |
| -37.5° | 13748.8 | 14434.9 | 14849.7 | 14988.5 | 14849.7 | 14434.9 | 13748.8 | 12798.9 | 11595.3 | 10150.0 | 8724.4 |
| -40° | 9140.0 | 9672.6 | 9994.3 | 10101.9 | 9994.3 | 9672.6 | 9140.0 | 8401.6 | 7464.1 | 6335.9 | 5361.7 |
| -42.5° | 5395.6 | 5708.6 | 5897.6 | 5960.7 | 5897.6 | 5708.6 | 5395.6 | 4961.1 | 4408.5 | 3742.3 | 3252.3 |
| -45° | 3223.7 | 3269.5 | 3297.2 | 3306.4 | 3297.2 | 3269.5 | 3223.7 | 3159.9 | 3078.8 | 2980.8 | 2871.0 |
| -47.5° | 2827.3 | 2858.0 | 2876.4 | 2882.6 | 2876.4 | 2858.0 | 2827.3 | 2784.7 | 2730.4 | 2664.7 | 2588.1 |
| -50° | 2517.3 | 2548.7 | 2567.6 | 2573.9 | 2567.6 | 2548.7 | 2517.3 | 2473.5 | 2417.8 | 2350.3 | 2271.3 |
| -52.5° | 2191.9 | 2212.2 | 2224.5 | 2228.6 | 2224.5 | 2212.2 | 2191.9 | 2163.5 | 2127.3 | 2083.4 | 2032.0 |
| -55° | 1958.6 | 1972.6 | 1981.1 | 1983.9 | 1981.1 | 1972.6 | 1958.6 | 1939.1 | 1914.1 | 1883.8 | 1848.3 |
| -57.5° | 1769.7 | 1786.1 | 1796.0 | 1799.3 | 1796.0 | 1786.1 | 1769.7 | 1746.8 | 1717.5 | 1682.0 | 1640.3 |
| -60° | 1526.8 | 1546.3 | 1558.0 | 1561.9 | 1558.0 | 1546.3 | 1526.8 | 1499.6 | 1464.9 | 1422.6 | 1373.1 |
| -62.5° | 1218.3 | 1236.6 | 1247.6 | 1251.3 | 1247.6 | 1236.6 | 1218.3 | 1192.8 | 1160.2 | 1120.5 | 1073.9 |
| -65° | 901.5 | 916.2 | 925.0 | 928.0 | 925.0 | 916.2 | 901.5 | 880.9 | 854.6 | 822.6 | 785.0 |
| -67.5° | 617.9 | 628.8 | 635.3 | 637.5 | 635.3 | 628.8 | 617.9 | 602.8 | 583.4 | 559.7 | 532.0 |
| -70° | 384.4 | 391.1 | 395.1 | 396.4 | 395.1 | 391.1 | 384.4 | 375.1 | 363.2 | 348.7 | 331.7 |
| -72.5° | 222.2 | 225.6 | 227.6 | 228.3 | 227.6 | 225.6 | 222.2 | 217.5 | 211.4 | 204.1 | 195.4 |
| -75° | 126.0 | 128.0 | 129.3 | 129.7 | 129.3 | 128.0 | 126.0 | 123.1 | 119.3 | 114.8 | 109.5 |
| -77.5° | 57.2 | 57.9 | 58.4 | 58.5 | 58.4 | 57.9 | 57.2 | 56.2 | 55.0 | 53.4 | 51.6 |
| -80° | 28.9 | 29.1 | 29.2 | 29.2 | 29.2 | 29.1 | 28.9 | 28.6 | 28.3 | 27.9 | 27.5 |
| -82.5° | 19.9 | 20.0 | 20.1 | 20.1 | 20.1 | 20.0 | 19.9 | 19.7 | 19.4 | 19.2 | 18.8 |
| -85° | 10.9 | 11.0 | 11.0 | 11.0 | 11.0 | 11.0 | 10.9 | 10.8 | 10.7 | 10.6 | 10.5 |
| -87.5° | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.5 | 5.4 | 5.4 | 5.3 | 5.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|----------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.6 | 4.5 | 4.4 | 4.2 | 4.1 | 3.9 |
| 85° | 10.3 | 10.2 | 10.0 | 9.8 | 9.5 | 9.3 | 9.0 | 8.7 | 8.4 | 8.1 | 7.8 |
| 82.5° | 18.4 | 18.0 | 17.5 | 17.0 | 16.4 | 15.8 | 15.1 | 14.4 | 13.7 | 12.9 | 12.1 |
| 80° | 27.0 | 26.4 | 25.8 | 25.1 | 24.3 | 23.5 | 22.6 | 21.6 | 20.6 | 19.6 | 18.5 |
| 77.5° | 49.5 | 47.2 | 44.6 | 41.7 | 38.6 | 35.3 | 31.7 | 28.8 | 27.5 | 26.2 | 24.8 |
| 75° | 103.4 | 96.5 | 88.9 | 80.5 | 71.4 | 61.6 | 55.5 | 50.9 | 46.0 | 40.9 | 35.6 |
| 72.5° | 185.5 | 174.3 | 161.8 | 148.2 | 133.4 | 120.9 | 108.6 | 95.6 | 81.8 | 67.3 | 55.9 |
| 70° | 312.2 | 290.2 | 265.8 | 239.1 | 217.6 | 199.3 | 179.8 | 159.1 | 137.2 | 118.5 | 101.1 |
| 67.5° | 500.2 | 464.4 | 424.7 | 385.8 | 353.0 | 317.7 | 280.0 | 240.0 | 210.4 | 184.5 | 157.3 |
| 65° | 742.0 | 693.6 | 639.9 | 590.8 | 538.1 | 481.4 | 420.9 | 368.8 | 321.7 | 272.3 | 223.9 |
| 62.5° | 1020.5 | 960.6 | 897.7 | 832.5 | 762.0 | 686.2 | 611.0 | 540.0 | 465.4 | 389.9 | 333.0 |
| 60° | 1316.4 | 1252.8 | 1179.7 | 1099.7 | 1013.2 | 921.2 | 832.5 | 738.7 | 639.9 | 553.8 | 464.4 |
| 57.5° | 1592.7 | 1532.3 | 1455.2 | 1370.9 | 1280.0 | 1179.7 | 1071.8 | 957.9 | 847.3 | 734.8 | 621.0 |
| 55° | 1807.8 | 1751.8 | 1687.4 | 1617.2 | 1535.1 | 1429.0 | 1316.4 | 1195.4 | 1065.7 | 930.2 | 803.4 |
| 52.5° | 1976.0 | 1926.6 | 1872.1 | 1812.7 | 1734.4 | 1646.6 | 1551.0 | 1422.6 | 1288.2 | 1143.8 | 992.2 |
| 50° | 2195.2 | 2124.0 | 2045.7 | 1966.3 | 1897.2 | 1823.5 | 1730.2 | 1624.7 | 1499.6 | 1349.3 | 1191.0 |
| 47.5° | 2492.2 | 2383.4 | 2263.9 | 2161.7 | 2063.0 | 1964.4 | 1880.6 | 1790.8 | 1672.7 | 1546.3 | 1380.0 |
| 45° | 2776.5 | 2671.4 | 2554.0 | 2414.3 | 2264.7 | 2141.5 | 2022.7 | 1919.2 | 1821.3 | 1696.9 | 1561.9 |
| 42.5° | 3112.0 | 2956.2 | 2812.0 | 2677.8 | 2529.7 | 2359.6 | 2194.6 | 2062.0 | 1938.7 | 1830.9 | 1696.9 |
| 40° | 4412.5 | 3360.3 | 3131.7 | 2934.1 | 2766.6 | 2604.3 | 2417.3 | 2221.4 | 2075.1 | 1938.7 | 1821.3 |
| 37.5° | 7124.8 | 5573.6 | 4340.3 | 3259.9 | 3034.9 | 2820.6 | 2639.6 | 2436.7 | 2221.4 | 2062.0 | 1919.2 |
| 35° | 10750.0 | 8748.1 | 6683.9 | 5007.1 | 3504.6 | 3085.8 | 2838.8 | 2639.6 | 2417.3 | 2194.6 | 2022.7 |
| 32.5° | 14836.9 | 12421.4 | 9855.4 | 7494.3 | 5344.7 | 3669.0 | 3085.8 | 2820.6 | 2604.3 | 2359.6 | 2141.5 |
| 30° | 19226.3 | 16366.1 | 13444.5 | 10473.7 | 7766.9 | 5344.7 | 3504.6 | 3034.9 | 2766.6 | 2529.7 | 2264.7 |
| 27.5° | 23973.9 | 20453.6 | 17151.1 | 13789.1 | 10473.7 | 7494.3 | 5007.1 | 3259.9 | 2934.1 | 2677.8 | 2414.3 |
| 25° | 29090.2 | 24951.0 | 20923.7 | 17151.1 | 13444.5 | 9855.4 | 6683.9 | 4340.3 | 3131.7 | 2812.0 | 2554.0 |
| 22.5° | 34561.3 | 29688.3 | 24951.0 | 20453.6 | 16366.1 | 12421.4 | 8748.1 | 5573.6 | 3360.3 | 2956.2 | 2671.4 |
| 20° | 40726.3 | 34561.3 | 29090.2 | 23973.9 | 19226.3 | 14836.9 | 10750.0 | 7124.8 | 4412.5 | 3112.0 | 2776.5 |
| 17.5° | 48824.4 | 39917.3 | 33156.4 | 27321.0 | 22057.0 | 17244.8 | 12787.9 | 8724.4 | 5361.7 | 3252.3 | 2871.0 |
| 15° | 57578.5 | 46153.4 | 37531.8 | 30713.1 | 24743.8 | 19408.1 | 14600.6 | 10150.0 | 6335.9 | 3742.3 | 2980.8 |
| 12.5° | 68008.0 | 52975.0 | 41498.5 | 33688.5 | 27179.3 | 21421.8 | 16290.4 | 11595.3 | 7464.1 | 4408.5 | 3078.8 |
| 10° | 77567.4 | 59854.1 | 46250.8 | 36750.8 | 29472.6 | 23225.5 | 17734.1 | 12798.9 | 8401.6 | 4961.1 | 3159.9 |
| 7.5° | 87210.3 | 66428.4 | 50501.1 | 39200.7 | 31297.7 | 24656.1 | 18876.1 | 13748.8 | 9140.0 | 5395.6 | 3223.7 |
| 5° | 94374.4 | 71275.1 | 53616.4 | 40988.4 | 32625.0 | 25693.7 | 19702.4 | 14434.9 | 9672.6 | 5708.6 | 3269.5 |
| 2.5° | 98795.1 | 74248.6 | 55519.5 | 42077.1 | 33431.3 | 26322.7 | 20202.6 | 14849.7 | 9994.3 | 5897.6 | 3297.2 |
| 0° | 100290.4 | 75251.2 | 56159.8 | 42442.7 | 33701.7 | 26533.5 | 20370.1 | 14988.5 | 10101.9 | 5960.7 | 3306.4 |
| -2.5° | 98795.1 | 74248.6 | 55519.5 | 42077.1 | 33431.3 | 26322.7 | 20202.6 | 14849.7 | 9994.3 | 5897.6 | 3297.2 |
| -5° | 94374.4 | 71275.1 | 53616.4 | 40988.4 | 32625.0 | 25693.7 | 19702.4 | 14434.9 | 9672.6 | 5708.6 | 3269.5 |
| -7.5° | 87210.3 | 66428.4 | 50501.1 | 39200.7 | 31297.7 | 24656.1 | 18876.1 | 13748.8 | 9140.0 | 5395.6 | 3223.7 |
| -10° | 77567.4 | 59854.1 | 46250.8 | 36750.8 | 29472.6 | 23225.5 | 17734.1 | 12798.9 | 8401.6 | 4961.1 | 3159.9 |
| -12.5° | 68008.0 | 52975.0 | 41498.5 | 33688.5 | 27179.3 | 21421.8 | 16290.4 | 11595.3 | 7464.1 | 4408.5 | 3078.8 |
| -15° | 57578.5 | 46153.4 | 37531.8 | 30713.1 | 24743.8 | 19408.1 | 14600.6 | 10150.0 | 6335.9 | 3742.3 | 2980.8 |
| -17.5° | 48824.4 | 39917.3 | 33156.4 | 27321.0 | 22057.0 | 17244.8 | 12787.9 | 8724.4 | 5361.7 | 3252.3 | 2871.0 |
| -20° | 40726.3 | 34561.3 | 29090.2 | 23973.9 | 19226.3 | 14836.9 | 10750.0 | 7124.8 | 4412.5 | 3112.0 | 2776.5 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| -22.5° | 34561.3 | 29688.3 | 24951.0 | 20453.6 | 16366.1 | 12421.4 | 8748.1 | 5573.6 | 3360.3 | 2956.2 | 2671.4 |
| -25° | 29090.2 | 24951.0 | 20923.7 | 17151.1 | 13444.5 | 9855.4 | 6683.9 | 4340.3 | 3131.7 | 2812.0 | 2554.0 |
| -27.5° | 23973.9 | 20453.6 | 17151.1 | 13789.1 | 10473.7 | 7494.3 | 5007.1 | 3259.9 | 2934.1 | 2677.8 | 2414.3 |
| -30° | 19226.3 | 16366.1 | 13444.5 | 10473.7 | 7766.9 | 5344.7 | 3504.6 | 3034.9 | 2766.6 | 2529.7 | 2264.7 |
| -32.5° | 14836.9 | 12421.4 | 9855.4 | 7494.3 | 5344.7 | 3669.0 | 3085.8 | 2820.6 | 2604.3 | 2359.6 | 2141.5 |
| -35° | 10750.0 | 8748.1 | 6683.9 | 5007.1 | 3504.6 | 3085.8 | 2838.8 | 2639.6 | 2417.3 | 2194.6 | 2022.7 |
| -37.5° | 7124.8 | 5573.6 | 4340.3 | 3259.9 | 3034.9 | 2820.6 | 2639.6 | 2436.7 | 2221.4 | 2062.0 | 1919.2 |
| -40° | 4412.5 | 3360.3 | 3131.7 | 2934.1 | 2766.6 | 2604.3 | 2417.3 | 2221.4 | 2075.1 | 1938.7 | 1821.3 |
| -42.5° | 3112.0 | 2956.2 | 2812.0 | 2677.8 | 2529.7 | 2359.6 | 2194.6 | 2062.0 | 1938.7 | 1830.9 | 1696.9 |
| -45° | 2776.5 | 2671.4 | 2554.0 | 2414.3 | 2264.7 | 2141.5 | 2022.7 | 1919.2 | 1821.3 | 1696.9 | 1561.9 |
| -47.5° | 2492.2 | 2383.4 | 2263.9 | 2161.7 | 2063.0 | 1964.4 | 1880.6 | 1790.8 | 1672.7 | 1546.3 | 1380.0 |
| -50° | 2195.2 | 2124.0 | 2045.7 | 1966.3 | 1897.2 | 1823.5 | 1730.2 | 1624.7 | 1499.6 | 1349.3 | 1191.0 |
| -52.5° | 1976.0 | 1926.6 | 1872.1 | 1812.7 | 1734.4 | 1646.6 | 1551.0 | 1422.6 | 1288.2 | 1143.8 | 992.2 |
| -55° | 1807.8 | 1751.8 | 1687.4 | 1617.2 | 1535.1 | 1429.0 | 1316.4 | 1195.4 | 1065.7 | 930.2 | 803.4 |
| -57.5° | 1592.7 | 1532.3 | 1455.2 | 1370.9 | 1280.0 | 1179.7 | 1071.8 | 957.9 | 847.3 | 734.8 | 621.0 |
| -60° | 1316.4 | 1252.8 | 1179.7 | 1099.7 | 1013.2 | 921.2 | 832.5 | 738.7 | 639.9 | 553.8 | 464.4 |
| -62.5° | 1020.5 | 960.6 | 897.7 | 832.5 | 762.0 | 686.2 | 611.0 | 540.0 | 465.4 | 389.9 | 333.0 |
| -65° | 742.0 | 693.6 | 639.9 | 590.8 | 538.1 | 481.4 | 420.9 | 368.8 | 321.7 | 272.3 | 223.9 |
| -67.5° | 500.2 | 464.4 | 424.7 | 385.8 | 353.0 | 317.7 | 280.0 | 240.0 | 210.4 | 184.5 | 157.3 |
| -70° | 312.2 | 290.2 | 265.8 | 239.1 | 217.6 | 199.3 | 179.8 | 159.1 | 137.2 | 118.5 | 101.1 |
| -72.5° | 185.5 | 174.3 | 161.8 | 148.2 | 133.4 | 120.9 | 108.6 | 95.6 | 81.8 | 67.3 | 55.9 |
| -75° | 103.4 | 96.5 | 88.9 | 80.5 | 71.4 | 61.6 | 55.5 | 50.9 | 46.0 | 40.9 | 35.6 |
| -77.5° | 49.5 | 47.2 | 44.6 | 41.7 | 38.6 | 35.3 | 31.7 | 28.8 | 27.5 | 26.2 | 24.8 |
| -80° | 27.0 | 26.4 | 25.8 | 25.1 | 24.3 | 23.5 | 22.6 | 21.6 | 20.6 | 19.6 | 18.5 |
| -82.5° | 18.4 | 18.0 | 17.5 | 17.0 | 16.4 | 15.8 | 15.1 | 14.4 | 13.7 | 12.9 | 12.1 |
| -85° | 10.3 | 10.2 | 10.0 | 9.8 | 9.5 | 9.3 | 9.0 | 8.7 | 8.4 | 8.1 | 7.8 |
| -87.5° | 5.2 | 5.1 | 5.0 | 4.9 | 4.8 | 4.6 | 4.5 | 4.4 | 4.2 | 4.1 | 3.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.7 | 3.5 | 3.3 | 3.2 | 3.0 | 2.7 | 2.5 | 2.3 | 2.1 | 1.9 | 1.7 |
| 85° | 7.4 | 7.1 | 6.7 | 6.3 | 5.9 | 5.5 | 5.1 | 4.6 | 4.2 | 3.8 | 3.3 |
| 82.5° | 11.2 | 10.6 | 10.0 | 9.4 | 8.8 | 8.2 | 7.6 | 7.0 | 6.3 | 5.6 | 4.9 |
| 80° | 17.3 | 16.1 | 14.9 | 13.6 | 12.3 | 11.0 | 10.1 | 9.3 | 8.4 | 7.5 | 6.6 |
| 77.5° | 23.4 | 21.9 | 20.4 | 18.8 | 17.1 | 15.4 | 13.7 | 11.9 | 10.5 | 9.3 | 8.2 |
| 75° | 30.0 | 27.7 | 25.8 | 23.9 | 21.9 | 19.9 | 17.8 | 15.7 | 13.5 | 11.3 | 9.8 |
| 72.5° | 49.4 | 42.6 | 35.6 | 29.0 | 26.6 | 24.3 | 21.9 | 19.4 | 16.9 | 14.3 | 11.7 |
| 70° | 83.0 | 64.2 | 52.8 | 44.6 | 36.1 | 28.6 | 25.9 | 23.1 | 20.2 | 17.3 | 14.3 |
| 67.5° | 129.2 | 108.1 | 86.2 | 63.6 | 51.1 | 41.3 | 31.3 | 26.7 | 23.5 | 20.2 | 16.9 |
| 65° | 192.4 | 159.8 | 127.1 | 102.0 | 76.3 | 55.0 | 43.9 | 32.6 | 26.7 | 23.1 | 19.4 |
| 62.5° | 273.8 | 219.1 | 182.0 | 143.8 | 111.6 | 82.7 | 56.3 | 43.9 | 31.3 | 25.9 | 21.9 |
| 60° | 379.1 | 312.2 | 243.2 | 195.4 | 152.7 | 114.8 | 82.7 | 55.0 | 41.3 | 28.6 | 24.3 |
| 57.5° | 520.2 | 416.1 | 335.4 | 258.5 | 199.9 | 152.7 | 111.6 | 76.3 | 51.1 | 36.1 | 26.6 |
| 55° | 672.3 | 554.1 | 438.5 | 343.1 | 258.5 | 195.4 | 143.8 | 102.0 | 63.6 | 44.6 | 29.0 |
| 52.5° | 844.9 | 699.7 | 565.4 | 438.5 | 335.4 | 243.2 | 182.0 | 127.1 | 86.2 | 52.8 | 35.6 |
| 50° | 1023.5 | 858.8 | 699.7 | 554.1 | 416.1 | 312.2 | 219.1 | 159.8 | 108.1 | 64.2 | 42.6 |
| 47.5° | 1206.9 | 1023.5 | 844.9 | 672.3 | 520.2 | 379.1 | 273.8 | 192.4 | 129.2 | 83.0 | 49.4 |
| 45° | 1380.0 | 1191.0 | 992.2 | 803.4 | 621.0 | 464.4 | 333.0 | 223.9 | 157.3 | 101.1 | 55.9 |
| 42.5° | 1546.3 | 1349.3 | 1143.8 | 930.2 | 734.8 | 553.8 | 389.9 | 272.3 | 184.5 | 118.5 | 67.3 |
| 40° | 1672.7 | 1499.6 | 1288.2 | 1065.7 | 847.3 | 639.9 | 465.4 | 321.7 | 210.4 | 137.2 | 81.8 |
| 37.5° | 1790.8 | 1624.7 | 1422.6 | 1195.4 | 957.9 | 738.7 | 540.0 | 368.8 | 240.0 | 159.1 | 95.6 |
| 35° | 1880.6 | 1730.2 | 1551.0 | 1316.4 | 1071.8 | 832.5 | 611.0 | 420.9 | 280.0 | 179.8 | 108.6 |
| 32.5° | 1964.4 | 1823.5 | 1646.6 | 1429.0 | 1179.7 | 921.2 | 686.2 | 481.4 | 317.7 | 199.3 | 120.9 |
| 30° | 2063.0 | 1897.2 | 1734.4 | 1535.1 | 1280.0 | 1013.2 | 762.0 | 538.1 | 353.0 | 217.6 | 133.4 |
| 27.5° | 2161.7 | 1966.3 | 1812.7 | 1617.2 | 1370.9 | 1099.7 | 832.5 | 590.8 | 385.8 | 239.1 | 148.2 |
| 25° | 2263.9 | 2045.7 | 1872.1 | 1687.4 | 1455.2 | 1179.7 | 897.7 | 639.9 | 424.7 | 265.8 | 161.8 |
| 22.5° | 2383.4 | 2124.0 | 1926.6 | 1751.8 | 1532.3 | 1252.8 | 960.6 | 693.6 | 464.4 | 290.2 | 174.3 |
| 20° | 2492.2 | 2195.2 | 1976.0 | 1807.8 | 1592.7 | 1316.4 | 1020.5 | 742.0 | 500.2 | 312.2 | 185.5 |
| 17.5° | 2588.1 | 2271.3 | 2032.0 | 1848.3 | 1640.3 | 1373.1 | 1073.9 | 785.0 | 532.0 | 331.7 | 195.4 |
| 15° | 2664.7 | 2350.3 | 2083.4 | 1883.8 | 1682.0 | 1422.6 | 1120.5 | 822.6 | 559.7 | 348.7 | 204.1 |
| 12.5° | 2730.4 | 2417.8 | 2127.3 | 1914.1 | 1717.5 | 1464.9 | 1160.2 | 854.6 | 583.4 | 363.2 | 211.4 |
| 10° | 2784.7 | 2473.5 | 2163.5 | 1939.1 | 1746.8 | 1499.6 | 1192.8 | 880.9 | 602.8 | 375.1 | 217.5 |
| 7.5° | 2827.3 | 2517.3 | 2191.9 | 1958.6 | 1769.7 | 1526.8 | 1218.3 | 901.5 | 617.9 | 384.4 | 222.2 |
| 5° | 2858.0 | 2548.7 | 2212.2 | 1972.6 | 1786.1 | 1546.3 | 1236.6 | 916.2 | 628.8 | 391.1 | 225.6 |
| 2.5° | 2876.4 | 2567.6 | 2224.5 | 1981.1 | 1796.0 | 1558.0 | 1247.6 | 925.0 | 635.3 | 395.1 | 227.6 |
| 0° | 2882.6 | 2573.9 | 2228.6 | 1983.9 | 1799.3 | 1561.9 | 1251.3 | 928.0 | 637.5 | 396.4 | 228.3 |
| -2.5° | 2876.4 | 2567.6 | 2224.5 | 1981.1 | 1796.0 | 1558.0 | 1247.6 | 925.0 | 635.3 | 395.1 | 227.6 |
| -5° | 2858.0 | 2548.7 | 2212.2 | 1972.6 | 1786.1 | 1546.3 | 1236.6 | 916.2 | 628.8 | 391.1 | 225.6 |
| -7.5° | 2827.3 | 2517.3 | 2191.9 | 1958.6 | 1769.7 | 1526.8 | 1218.3 | 901.5 | 617.9 | 384.4 | 222.2 |
| -10° | 2784.7 | 2473.5 | 2163.5 | 1939.1 | 1746.8 | 1499.6 | 1192.8 | 880.9 | 602.8 | 375.1 | 217.5 |
| -12.5° | 2730.4 | 2417.8 | 2127.3 | 1914.1 | 1717.5 | 1464.9 | 1160.2 | 854.6 | 583.4 | 363.2 | 211.4 |
| -15° | 2664.7 | 2350.3 | 2083.4 | 1883.8 | 1682.0 | 1422.6 | 1120.5 | 822.6 | 559.7 | 348.7 | 204.1 |
| -17.5° | 2588.1 | 2271.3 | 2032.0 | 1848.3 | 1640.3 | 1373.1 | 1073.9 | 785.0 | 532.0 | 331.7 | 195.4 |
| -20° | 2492.2 | 2195.2 | 1976.0 | 1807.8 | 1592.7 | 1316.4 | 1020.5 | 742.0 | 500.2 | 312.2 | 185.5 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2383.4 | 2124.0 | 1926.6 | 1751.8 | 1532.3 | 1252.8 | 960.6 | 693.6 | 464.4 | 290.2 | 174.3 |
| -25° | 2263.9 | 2045.7 | 1872.1 | 1687.4 | 1455.2 | 1179.7 | 897.7 | 639.9 | 424.7 | 265.8 | 161.8 |
| -27.5° | 2161.7 | 1966.3 | 1812.7 | 1617.2 | 1370.9 | 1099.7 | 832.5 | 590.8 | 385.8 | 239.1 | 148.2 |
| -30° | 2063.0 | 1897.2 | 1734.4 | 1535.1 | 1280.0 | 1013.2 | 762.0 | 538.1 | 353.0 | 217.6 | 133.4 |
| -32.5° | 1964.4 | 1823.5 | 1646.6 | 1429.0 | 1179.7 | 921.2 | 686.2 | 481.4 | 317.7 | 199.3 | 120.9 |
| -35° | 1880.6 | 1730.2 | 1551.0 | 1316.4 | 1071.8 | 832.5 | 611.0 | 420.9 | 280.0 | 179.8 | 108.6 |
| -37.5° | 1790.8 | 1624.7 | 1422.6 | 1195.4 | 957.9 | 738.7 | 540.0 | 368.8 | 240.0 | 159.1 | 95.6 |
| -40° | 1672.7 | 1499.6 | 1288.2 | 1065.7 | 847.3 | 639.9 | 465.4 | 321.7 | 210.4 | 137.2 | 81.8 |
| -42.5° | 1546.3 | 1349.3 | 1143.8 | 930.2 | 734.8 | 553.8 | 389.9 | 272.3 | 184.5 | 118.5 | 67.3 |
| -45° | 1380.0 | 1191.0 | 992.2 | 803.4 | 621.0 | 464.4 | 333.0 | 223.9 | 157.3 | 101.1 | 55.9 |
| -47.5° | 1206.9 | 1023.5 | 844.9 | 672.3 | 520.2 | 379.1 | 273.8 | 192.4 | 129.2 | 83.0 | 49.4 |
| -50° | 1023.5 | 858.8 | 699.7 | 554.1 | 416.1 | 312.2 | 219.1 | 159.8 | 108.1 | 64.2 | 42.6 |
| -52.5° | 844.9 | 699.7 | 565.4 | 438.5 | 335.4 | 243.2 | 182.0 | 127.1 | 86.2 | 52.8 | 35.6 |
| -55° | 672.3 | 554.1 | 438.5 | 343.1 | 258.5 | 195.4 | 143.8 | 102.0 | 63.6 | 44.6 | 29.0 |
| -57.5° | 520.2 | 416.1 | 335.4 | 258.5 | 199.9 | 152.7 | 111.6 | 76.3 | 51.1 | 36.1 | 26.6 |
| -60° | 379.1 | 312.2 | 243.2 | 195.4 | 152.7 | 114.8 | 82.7 | 55.0 | 41.3 | 28.6 | 24.3 |
| -62.5° | 273.8 | 219.1 | 182.0 | 143.8 | 111.6 | 82.7 | 56.3 | 43.9 | 31.3 | 25.9 | 21.9 |
| -65° | 192.4 | 159.8 | 127.1 | 102.0 | 76.3 | 55.0 | 43.9 | 32.6 | 26.7 | 23.1 | 19.4 |
| -67.5° | 129.2 | 108.1 | 86.2 | 63.6 | 51.1 | 41.3 | 31.3 | 26.7 | 23.5 | 20.2 | 16.9 |
| -70° | 83.0 | 64.2 | 52.8 | 44.6 | 36.1 | 28.6 | 25.9 | 23.1 | 20.2 | 17.3 | 14.3 |
| -72.5° | 49.4 | 42.6 | 35.6 | 29.0 | 26.6 | 24.3 | 21.9 | 19.4 | 16.9 | 14.3 | 11.7 |
| -75° | 30.0 | 27.7 | 25.8 | 23.9 | 21.9 | 19.9 | 17.8 | 15.7 | 13.5 | 11.3 | 9.8 |
| -77.5° | 23.4 | 21.9 | 20.4 | 18.8 | 17.1 | 15.4 | 13.7 | 11.9 | 10.5 | 9.3 | 8.2 |
| -80° | 17.3 | 16.1 | 14.9 | 13.6 | 12.3 | 11.0 | 10.1 | 9.3 | 8.4 | 7.5 | 6.6 |
| -82.5° | 11.2 | 10.6 | 10.0 | 9.4 | 8.8 | 8.2 | 7.6 | 7.0 | 6.3 | 5.6 | 4.9 |
| -85° | 7.4 | 7.1 | 6.7 | 6.3 | 5.9 | 5.5 | 5.1 | 4.6 | 4.2 | 3.8 | 3.3 |
| -87.5° | 3.7 | 3.5 | 3.3 | 3.2 | 3.0 | 2.7 | 2.5 | 2.3 | 2.1 | 1.9 | 1.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.4 | 1.2 | 1.0 | 0.7 | 0.5 | 0.2 | 0.0 |
| 85° | 2.8 | 2.4 | 1.9 | 1.4 | 1.0 | 0.5 | 0.0 |
| 82.5° | 4.3 | 3.6 | 2.9 | 2.1 | 1.4 | 0.7 | 0.0 |
| 80° | 5.7 | 4.7 | 3.8 | 2.9 | 1.9 | 1.0 | 0.0 |
| 77.5° | 7.1 | 5.9 | 4.7 | 3.6 | 2.4 | 1.2 | 0.0 |
| 75° | 8.5 | 7.1 | 5.7 | 4.3 | 2.8 | 1.4 | 0.0 |
| 72.5° | 9.8 | 8.2 | 6.6 | 4.9 | 3.3 | 1.7 | 0.0 |
| 70° | 11.3 | 9.3 | 7.5 | 5.6 | 3.8 | 1.9 | 0.0 |
| 67.5° | 13.5 | 10.5 | 8.4 | 6.3 | 4.2 | 2.1 | 0.0 |
| 65° | 15.7 | 11.9 | 9.3 | 7.0 | 4.6 | 2.3 | 0.0 |
| 62.5° | 17.8 | 13.7 | 10.1 | 7.6 | 5.1 | 2.5 | 0.0 |
| 60° | 19.9 | 15.4 | 11.0 | 8.2 | 5.5 | 2.7 | 0.0 |
| 57.5° | 21.9 | 17.1 | 12.3 | 8.8 | 5.9 | 3.0 | 0.0 |
| 55° | 23.9 | 18.8 | 13.6 | 9.4 | 6.3 | 3.2 | 0.0 |
| 52.5° | 25.8 | 20.4 | 14.9 | 10.0 | 6.7 | 3.3 | 0.0 |
| 50° | 27.7 | 21.9 | 16.1 | 10.6 | 7.1 | 3.5 | 0.0 |
| 47.5° | 30.0 | 23.4 | 17.3 | 11.2 | 7.4 | 3.7 | 0.0 |
| 45° | 35.6 | 24.8 | 18.5 | 12.1 | 7.8 | 3.9 | 0.0 |
| 42.5° | 40.9 | 26.2 | 19.6 | 12.9 | 8.1 | 4.1 | 0.0 |
| 40° | 46.0 | 27.5 | 20.6 | 13.7 | 8.4 | 4.2 | 0.0 |
| 37.5° | 50.9 | 28.8 | 21.6 | 14.4 | 8.7 | 4.4 | 0.0 |
| 35° | 55.5 | 31.7 | 22.6 | 15.1 | 9.0 | 4.5 | 0.0 |
| 32.5° | 61.6 | 35.3 | 23.5 | 15.8 | 9.3 | 4.6 | 0.0 |
| 30° | 71.4 | 38.6 | 24.3 | 16.4 | 9.5 | 4.8 | 0.0 |
| 27.5° | 80.5 | 41.7 | 25.1 | 17.0 | 9.8 | 4.9 | 0.0 |
| 25° | 88.9 | 44.6 | 25.8 | 17.5 | 10.0 | 5.0 | 0.0 |
| 22.5° | 96.5 | 47.2 | 26.4 | 18.0 | 10.2 | 5.1 | 0.0 |
| 20° | 103.4 | 49.5 | 27.0 | 18.4 | 10.3 | 5.2 | 0.0 |
| 17.5° | 109.5 | 51.6 | 27.5 | 18.8 | 10.5 | 5.2 | 0.0 |
| 15° | 114.8 | 53.4 | 27.9 | 19.2 | 10.6 | 5.3 | 0.0 |
| 12.5° | 119.3 | 55.0 | 28.3 | 19.4 | 10.7 | 5.4 | 0.0 |
| 10° | 123.1 | 56.2 | 28.6 | 19.7 | 10.8 | 5.4 | 0.0 |
| 7.5° | 126.0 | 57.2 | 28.9 | 19.9 | 10.9 | 5.5 | 0.0 |
| 5° | 128.0 | 57.9 | 29.1 | 20.0 | 11.0 | 5.5 | 0.0 |
| 2.5° | 129.3 | 58.4 | 29.2 | 20.1 | 11.0 | 5.5 | 0.0 |
| 0° | 129.7 | 58.5 | 29.2 | 20.1 | 11.0 | 5.5 | 0.0 |
| -2.5° | 129.3 | 58.4 | 29.2 | 20.1 | 11.0 | 5.5 | 0.0 |
| -5° | 128.0 | 57.9 | 29.1 | 20.0 | 11.0 | 5.5 | 0.0 |
| -7.5° | 126.0 | 57.2 | 28.9 | 19.9 | 10.9 | 5.5 | 0.0 |
| -10° | 123.1 | 56.2 | 28.6 | 19.7 | 10.8 | 5.4 | 0.0 |
| -12.5° | 119.3 | 55.0 | 28.3 | 19.4 | 10.7 | 5.4 | 0.0 |
| -15° | 114.8 | 53.4 | 27.9 | 19.2 | 10.6 | 5.3 | 0.0 |
| -17.5° | 109.5 | 51.6 | 27.5 | 18.8 | 10.5 | 5.2 | 0.0 |
| -20° | 103.4 | 49.5 | 27.0 | 18.4 | 10.3 | 5.2 | 0.0 |



REPORT NUMBER: P701466 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680R-40-70-4S-HEG-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 96.5 | 47.2 | 26.4 | 18.0 | 10.2 | 5.1 | 0.0 |
| -25° | 88.9 | 44.6 | 25.8 | 17.5 | 10.0 | 5.0 | 0.0 |
| -27.5° | 80.5 | 41.7 | 25.1 | 17.0 | 9.8 | 4.9 | 0.0 |
| -30° | 71.4 | 38.6 | 24.3 | 16.4 | 9.5 | 4.8 | 0.0 |
| -32.5° | 61.6 | 35.3 | 23.5 | 15.8 | 9.3 | 4.6 | 0.0 |
| -35° | 55.5 | 31.7 | 22.6 | 15.1 | 9.0 | 4.5 | 0.0 |
| -37.5° | 50.9 | 28.8 | 21.6 | 14.4 | 8.7 | 4.4 | 0.0 |
| -40° | 46.0 | 27.5 | 20.6 | 13.7 | 8.4 | 4.2 | 0.0 |
| -42.5° | 40.9 | 26.2 | 19.6 | 12.9 | 8.1 | 4.1 | 0.0 |
| -45° | 35.6 | 24.8 | 18.5 | 12.1 | 7.8 | 3.9 | 0.0 |
| -47.5° | 30.0 | 23.4 | 17.3 | 11.2 | 7.4 | 3.7 | 0.0 |
| -50° | 27.7 | 21.9 | 16.1 | 10.6 | 7.1 | 3.5 | 0.0 |
| -52.5° | 25.8 | 20.4 | 14.9 | 10.0 | 6.7 | 3.3 | 0.0 |
| -55° | 23.9 | 18.8 | 13.6 | 9.4 | 6.3 | 3.2 | 0.0 |
| -57.5° | 21.9 | 17.1 | 12.3 | 8.8 | 5.9 | 3.0 | 0.0 |
| -60° | 19.9 | 15.4 | 11.0 | 8.2 | 5.5 | 2.7 | 0.0 |
| -62.5° | 17.8 | 13.7 | 10.1 | 7.6 | 5.1 | 2.5 | 0.0 |
| -65° | 15.7 | 11.9 | 9.3 | 7.0 | 4.6 | 2.3 | 0.0 |
| -67.5° | 13.5 | 10.5 | 8.4 | 6.3 | 4.2 | 2.1 | 0.0 |
| -70° | 11.3 | 9.3 | 7.5 | 5.6 | 3.8 | 1.9 | 0.0 |
| -72.5° | 9.8 | 8.2 | 6.6 | 4.9 | 3.3 | 1.7 | 0.0 |
| -75° | 8.5 | 7.1 | 5.7 | 4.3 | 2.8 | 1.4 | 0.0 |
| -77.5° | 7.1 | 5.9 | 4.7 | 3.6 | 2.4 | 1.2 | 0.0 |
| -80° | 5.7 | 4.7 | 3.8 | 2.9 | 1.9 | 1.0 | 0.0 |
| -82.5° | 4.3 | 3.6 | 2.9 | 2.1 | 1.4 | 0.7 | 0.0 |
| -85° | 2.8 | 2.4 | 1.9 | 1.4 | 1.0 | 0.5 | 0.0 |
| -87.5° | 1.4 | 1.2 | 1.0 | 0.7 | 0.5 | 0.2 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(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

