

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: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-5S-HEG-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-5)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-640L-40-70-5S-HEG-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

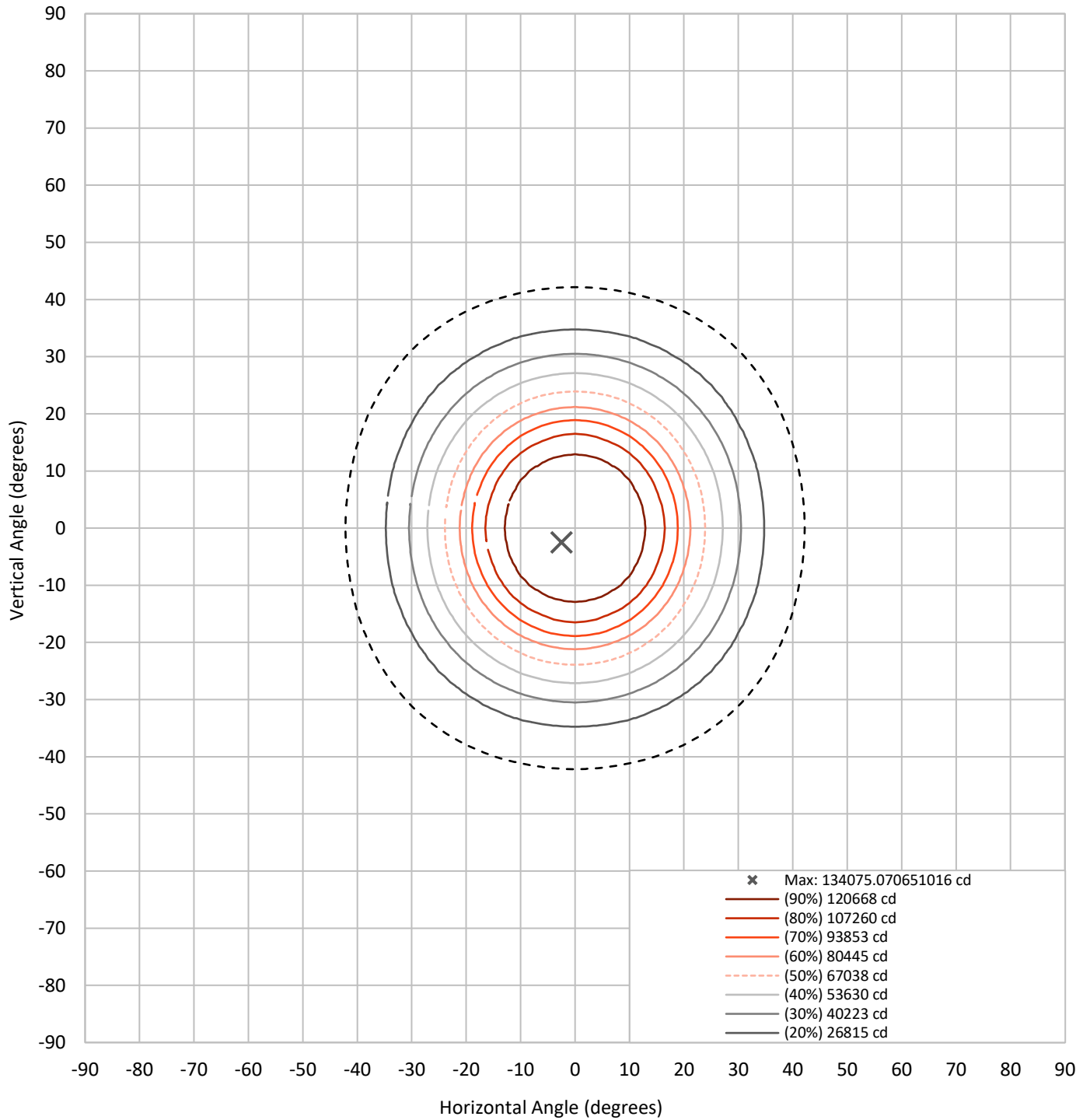
| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 5H x 5V |
| Luminaire Lumens: | 98000.8 lumens | Max Intensity: | 134075.1 candela |
| Efficiency: | N/A | Max Intensity Angle: | -2.5°H x -2.5°V |
| Efficacy: | 151.2 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |

| | | | |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 47.6°H x 47.6°V | Field Angle (10%): | 84.3°H x 84.3°V |
| Beam Lumens: | 54978.4 lumens | Field Lumens: | 91312.4 lumens |
| Beam Efficiency: | 56.1% | Field Efficiency: | 93.2% |

Input Watts (W): 648
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

Iso-Candela Plot





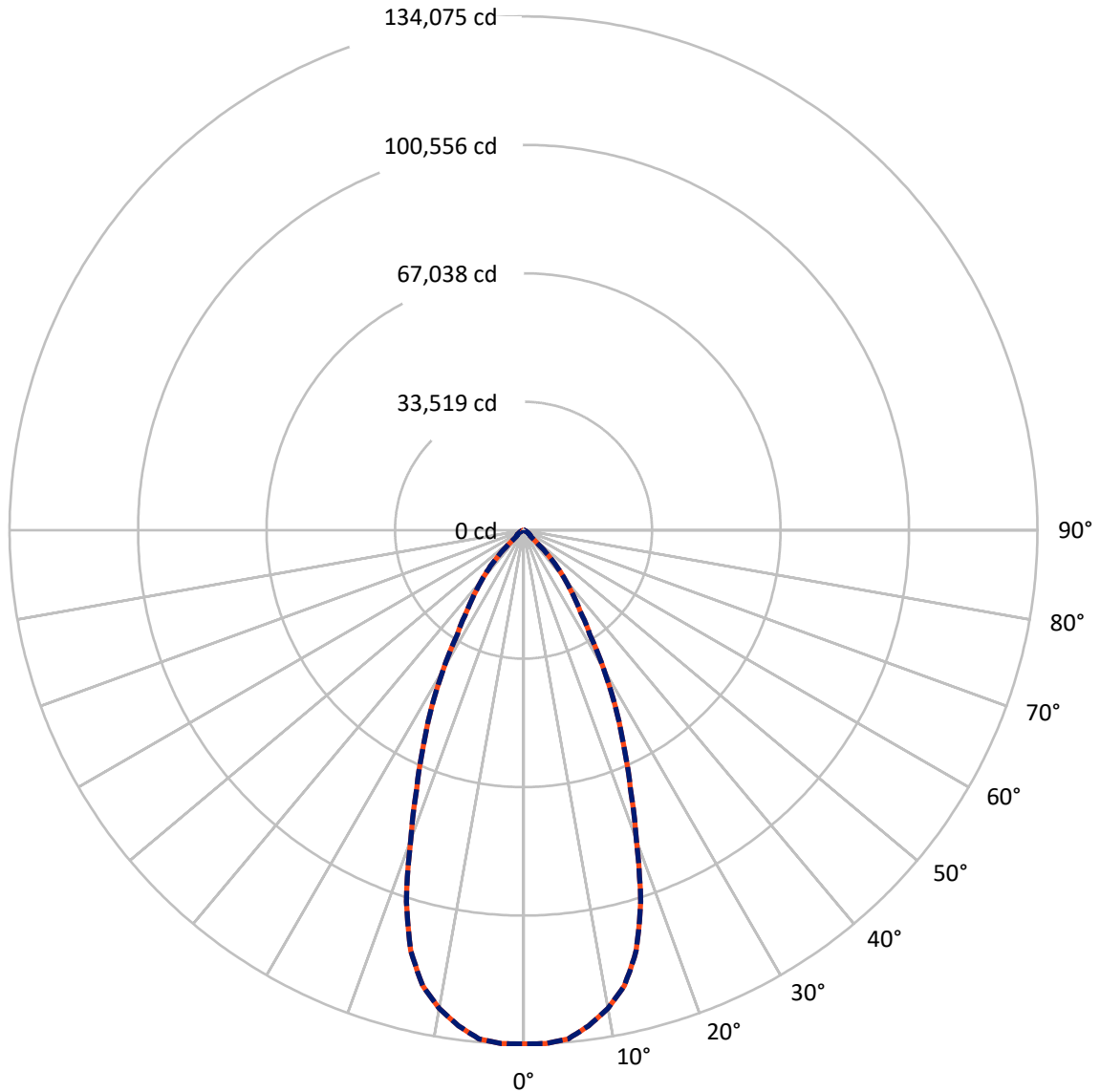
REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|------|-----|-----|
| 90 | 0.1 | 0.9 | 3.1 | 6.6 | 8.4 | 6.6 | 3.1 | 0.9 | 0.1 | | | | | | | |
| 80 | 0.1 | 0.9 | 3.1 | 6.6 | 8.4 | 6.6 | 3.1 | 0.9 | 0.1 | | | | | | | |
| 70 | 0.4 | 0.5 | 1.6 | 4.2 | 8.7 | 14.1 | 19.1 | 22.0 | 22.0 | 19.1 | 14.1 | 8.7 | 4.2 | 1.6 | 0.5 | 0.4 |
| 60 | | 1.2 | 5.0 | 13.5 | 26.4 | 40.2 | 50.7 | 56.4 | 56.4 | 50.7 | 40.2 | 26.4 | 13.5 | 5.0 | 1.2 | |
| 50 | 1.0 | 2.6 | 11.1 | 28.0 | 48.4 | 87.2 | 177.6 | 250.1 | 250.1 | 177.6 | 87.2 | 48.4 | 28.0 | 11.1 | 2.6 | 1.0 |
| 40 | | 4.6 | 18.7 | 41.9 | 121.7 | 368.2 | 621.6 | 796.5 | 796.5 | 621.6 | 368.2 | 121.7 | 41.9 | 18.7 | 4.6 | |
| 30 | 1.9 | 6.8 | 25.8 | 68.9 | 334.5 | 761.1 | 1362.1 | 1828.2 | 1828.2 | 1362.1 | 761.1 | 334.5 | 68.9 | 25.8 | 6.8 | 1.9 |
| 20 | | 8.7 | 30.5 | 133.1 | 530.6 | 1281.9 | 2382.1 | 3245.4 | 3245.4 | 2382.1 | 1281.9 | 530.6 | 133.1 | 30.5 | 8.7 | |
| 10 | 2.3 | 9.7 | 32.8 | 182.0 | 660.2 | 1670.3 | 3150.9 | 3933.1 | 3933.1 | 3150.9 | 1670.3 | 660.2 | 182.0 | 32.8 | 9.7 | 2.3 |
| 0 | | 9.7 | 32.8 | 182.0 | 660.2 | 1670.3 | 3150.9 | 3933.1 | 3933.1 | 3150.9 | 1670.3 | 660.2 | 182.0 | 32.8 | 9.7 | |
| -10 | 1.9 | 8.7 | 30.5 | 133.1 | 530.6 | 1281.9 | 2382.1 | 3245.4 | 3245.4 | 2382.1 | 1281.9 | 530.6 | 133.1 | 30.5 | 8.7 | 1.9 |
| -20 | | 6.8 | 25.8 | 68.9 | 334.5 | 761.1 | 1362.1 | 1828.2 | 1828.2 | 1362.1 | 761.1 | 334.5 | 68.9 | 25.8 | 6.8 | |
| -30 | 1.0 | 4.6 | 18.7 | 41.9 | 121.7 | 368.2 | 621.6 | 796.5 | 796.5 | 621.6 | 368.2 | 121.7 | 41.9 | 18.7 | 4.6 | 1.0 |
| -40 | | 2.6 | 11.1 | 28.0 | 48.4 | 87.2 | 177.6 | 250.1 | 250.1 | 177.6 | 87.2 | 48.4 | 28.0 | 11.1 | 2.6 | |
| -50 | 0.4 | 1.2 | 5.0 | 13.5 | 26.4 | 40.2 | 50.7 | 56.4 | 56.4 | 50.7 | 40.2 | 26.4 | 13.5 | 5.0 | 1.2 | 0.4 |
| -60 | | 0.5 | 1.6 | 4.2 | 8.7 | 14.1 | 19.1 | 22.0 | 22.0 | 19.1 | 14.1 | 8.7 | 4.2 | 1.6 | 0.5 | |
| -70 | 0.1 | 0.9 | 3.1 | 6.6 | 8.4 | 6.6 | 3.1 | 0.9 | 0.1 | | | | | | | |
| -80 | | 0.1 | 0.9 | 3.1 | 6.6 | 8.4 | 6.6 | 3.1 | 0.9 | 0.1 | | | | | | |
| -90 | 0.1 | 0.9 | 3.1 | 6.6 | 8.4 | 6.6 | 3.1 | 0.9 | 0.1 | | | | | | | |

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CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

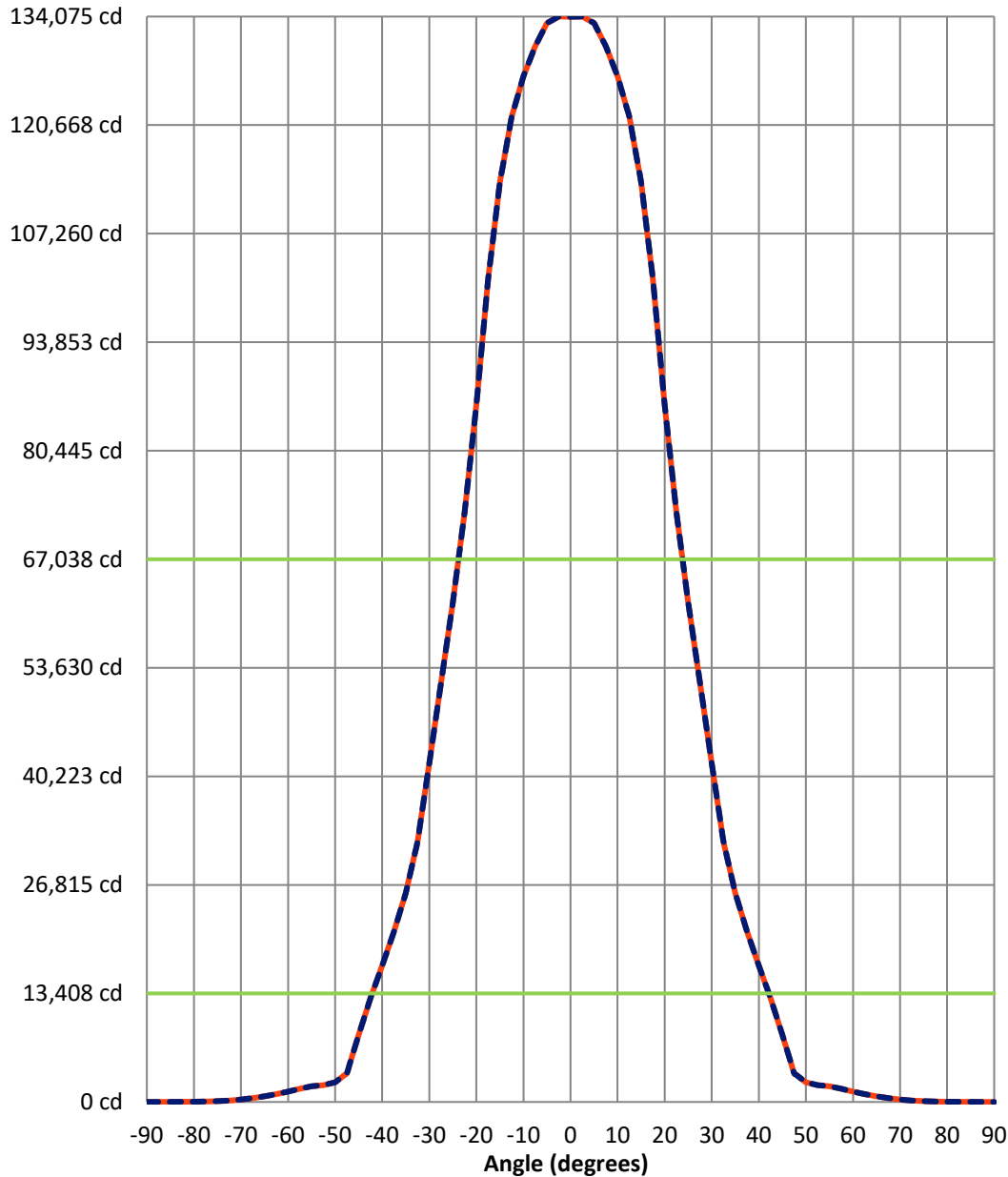
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 47.6°
 V Angle: 47.6°
 Lumens: 54978.4
 Efficiency: 56.1%

Field:
 H Angle: 84.3°
 V Angle: 84.3°
 Lumens: 91312.4
 Efficiency: 93.2%

Spill:
 Lumens: 6688.3
 Efficiency: 6.8%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through -2.5-Deg



REPORT NUMBER: P1305381 (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 | 0.3 | 0.6 | 0.8 | 1.1 | 1.4 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 |
| 85° | 0.0 | 0.6 | 1.1 | 1.7 | 2.3 | 2.8 | 3.4 | 3.9 | 4.4 | 5.0 | 5.5 |
| 82.5° | 0.0 | 0.8 | 1.7 | 2.5 | 3.4 | 4.2 | 5.0 | 5.8 | 6.7 | 7.4 | 8.2 |
| 80° | 0.0 | 1.1 | 2.3 | 3.4 | 4.5 | 5.6 | 6.7 | 7.8 | 8.9 | 9.9 | 10.9 |
| 77.5° | 0.0 | 1.4 | 2.8 | 4.2 | 5.6 | 7.0 | 8.3 | 9.7 | 11.0 | 12.4 | 13.8 |
| 75° | 0.0 | 1.7 | 3.4 | 5.0 | 6.7 | 8.3 | 10.0 | 11.6 | 13.3 | 15.2 | 17.2 |
| 72.5° | 0.0 | 2.0 | 3.9 | 5.8 | 7.8 | 9.7 | 11.6 | 13.6 | 16.0 | 18.3 | 20.5 |
| 70° | 0.0 | 2.2 | 4.4 | 6.7 | 8.9 | 11.0 | 13.3 | 16.0 | 18.6 | 21.3 | 24.9 |
| 67.5° | 0.0 | 2.5 | 5.0 | 7.4 | 9.9 | 12.4 | 15.2 | 18.3 | 21.3 | 25.4 | 29.4 |
| 65° | 0.0 | 2.7 | 5.5 | 8.2 | 10.9 | 13.8 | 17.2 | 20.5 | 24.9 | 29.4 | 35.5 |
| 62.5° | 0.0 | 3.0 | 6.0 | 9.0 | 12.0 | 15.4 | 19.1 | 23.4 | 28.4 | 34.4 | 45.6 |
| 60° | 0.0 | 3.2 | 6.5 | 9.7 | 13.0 | 17.0 | 21.0 | 26.4 | 31.8 | 43.3 | 55.5 |
| 57.5° | 0.0 | 3.5 | 7.0 | 10.5 | 14.2 | 18.5 | 23.4 | 29.3 | 38.7 | 52.0 | 70.4 |
| 55° | 0.0 | 3.7 | 7.5 | 11.2 | 15.3 | 20.0 | 25.9 | 32.2 | 46.2 | 62.0 | 87.5 |
| 52.5° | 0.0 | 4.0 | 7.9 | 11.8 | 16.5 | 21.5 | 28.3 | 38.2 | 53.6 | 76.9 | 104.1 |
| 50° | 0.0 | 4.2 | 8.4 | 12.5 | 17.6 | 23.4 | 30.6 | 44.5 | 62.4 | 91.5 | 126.6 |
| 47.5° | 0.0 | 4.4 | 8.8 | 13.2 | 18.7 | 25.3 | 33.2 | 50.5 | 74.8 | 105.5 | 149.2 |
| 45° | 0.0 | 4.6 | 9.2 | 14.0 | 19.7 | 27.1 | 38.2 | 56.3 | 86.8 | 124.9 | 171.0 |
| 42.5° | 0.0 | 4.8 | 9.6 | 14.7 | 20.7 | 28.8 | 42.9 | 64.4 | 98.4 | 143.7 | 208.2 |
| 40° | 0.0 | 5.0 | 10.0 | 15.4 | 21.9 | 30.4 | 47.5 | 74.0 | 111.0 | 161.7 | 246.5 |
| 37.5° | 0.0 | 5.2 | 10.3 | 16.1 | 23.1 | 32.0 | 51.8 | 83.2 | 126.1 | 183.2 | 282.9 |
| 35° | 0.0 | 5.3 | 10.6 | 16.7 | 24.3 | 34.7 | 55.9 | 91.8 | 140.5 | 214.1 | 322.3 |
| 32.5° | 0.0 | 5.5 | 11.0 | 17.3 | 25.4 | 37.9 | 60.6 | 100.0 | 154.0 | 243.3 | 366.8 |
| 30° | 0.0 | 5.6 | 11.3 | 17.9 | 26.4 | 40.9 | 67.1 | 108.4 | 166.7 | 270.7 | 408.5 |
| 27.5° | 0.0 | 5.8 | 11.5 | 18.4 | 27.3 | 43.7 | 73.2 | 118.6 | 182.5 | 296.1 | 447.3 |
| 25° | 0.0 | 5.9 | 11.8 | 18.9 | 28.2 | 46.2 | 78.7 | 128.1 | 203.1 | 325.1 | 483.5 |
| 22.5° | 0.0 | 6.0 | 12.0 | 19.3 | 29.0 | 48.5 | 83.8 | 136.7 | 222.0 | 354.3 | 524.3 |
| 20° | 0.0 | 6.1 | 12.2 | 19.7 | 29.7 | 50.6 | 88.4 | 144.4 | 239.1 | 380.6 | 561.2 |
| 17.5° | 0.0 | 6.2 | 12.4 | 20.1 | 30.4 | 52.5 | 92.4 | 151.3 | 254.2 | 404.0 | 594.0 |
| 15° | 0.0 | 6.3 | 12.6 | 20.4 | 30.9 | 54.1 | 95.9 | 157.3 | 267.4 | 424.4 | 622.6 |
| 12.5° | 0.0 | 6.3 | 12.7 | 20.6 | 31.4 | 55.5 | 98.9 | 162.4 | 278.6 | 441.8 | 647.0 |
| 10° | 0.0 | 6.4 | 12.8 | 20.8 | 31.8 | 56.6 | 101.4 | 166.6 | 287.8 | 456.1 | 667.0 |
| 7.5° | 0.0 | 6.4 | 12.9 | 21.0 | 32.1 | 57.5 | 103.3 | 169.9 | 295.0 | 467.2 | 682.7 |
| 5° | 0.0 | 6.5 | 13.0 | 21.1 | 32.3 | 58.1 | 104.7 | 172.2 | 300.2 | 475.2 | 693.9 |
| 2.5° | 0.0 | 6.5 | 13.0 | 21.2 | 32.5 | 58.5 | 105.5 | 173.6 | 303.3 | 480.0 | 700.6 |
| 0° | 0.0 | 6.5 | 13.0 | 21.2 | 32.5 | 58.6 | 105.8 | 174.1 | 304.3 | 481.6 | 702.9 |
| -2.5° | 0.0 | 6.5 | 13.0 | 21.2 | 32.5 | 58.6 | 105.8 | 174.1 | 304.3 | 481.6 | 702.9 |
| -5° | 0.0 | 6.5 | 13.0 | 21.1 | 32.3 | 58.1 | 104.7 | 172.2 | 300.2 | 475.2 | 693.9 |
| -7.5° | 0.0 | 6.4 | 12.9 | 21.0 | 32.1 | 57.5 | 103.3 | 169.9 | 295.0 | 467.2 | 682.7 |
| -10° | 0.0 | 6.4 | 12.8 | 20.8 | 31.8 | 56.6 | 101.4 | 166.6 | 287.8 | 456.1 | 667.0 |
| -12.5° | 0.0 | 6.3 | 12.7 | 20.6 | 31.4 | 55.5 | 98.9 | 162.4 | 278.6 | 441.8 | 647.0 |
| -15° | 0.0 | 6.3 | 12.6 | 20.4 | 30.9 | 54.1 | 95.9 | 157.3 | 267.4 | 424.4 | 622.6 |
| -17.5° | 0.0 | 6.2 | 12.4 | 20.1 | 30.4 | 52.5 | 92.4 | 151.3 | 254.2 | 404.0 | 594.0 |
| -20° | 0.0 | 6.1 | 12.2 | 19.7 | 29.7 | 50.6 | 88.4 | 144.4 | 239.1 | 380.6 | 561.2 |



REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| -22.5° | 0.0 | 6.0 | 12.0 | 19.3 | 29.0 | 48.5 | 83.8 | 136.7 | 222.0 | 354.3 | 524.3 |
| -25° | 0.0 | 5.9 | 11.8 | 18.9 | 28.2 | 46.2 | 78.7 | 128.1 | 203.1 | 325.1 | 483.5 |
| -27.5° | 0.0 | 5.8 | 11.5 | 18.4 | 27.3 | 43.7 | 73.2 | 118.6 | 182.5 | 296.1 | 447.3 |
| -30° | 0.0 | 5.6 | 11.3 | 17.9 | 26.4 | 40.9 | 67.1 | 108.4 | 166.7 | 270.7 | 408.5 |
| -32.5° | 0.0 | 5.5 | 11.0 | 17.3 | 25.4 | 37.9 | 60.6 | 100.0 | 154.0 | 243.3 | 366.8 |
| -35° | 0.0 | 5.3 | 10.6 | 16.7 | 24.3 | 34.7 | 55.9 | 91.8 | 140.5 | 214.1 | 322.3 |
| -37.5° | 0.0 | 5.2 | 10.3 | 16.1 | 23.1 | 32.0 | 51.8 | 83.2 | 126.1 | 183.2 | 282.9 |
| -40° | 0.0 | 5.0 | 10.0 | 15.4 | 21.9 | 30.4 | 47.5 | 74.0 | 111.0 | 161.7 | 246.5 |
| -42.5° | 0.0 | 4.8 | 9.6 | 14.7 | 20.7 | 28.8 | 42.9 | 64.4 | 98.4 | 143.7 | 208.2 |
| -45° | 0.0 | 4.6 | 9.2 | 14.0 | 19.7 | 27.1 | 38.2 | 56.3 | 86.8 | 124.9 | 171.0 |
| -47.5° | 0.0 | 4.4 | 8.8 | 13.2 | 18.7 | 25.3 | 33.2 | 50.5 | 74.8 | 105.5 | 149.2 |
| -50° | 0.0 | 4.2 | 8.4 | 12.5 | 17.6 | 23.4 | 30.6 | 44.5 | 62.4 | 91.5 | 126.6 |
| -52.5° | 0.0 | 4.0 | 7.9 | 11.8 | 16.5 | 21.5 | 28.3 | 38.2 | 53.6 | 76.9 | 104.1 |
| -55° | 0.0 | 3.7 | 7.5 | 11.2 | 15.3 | 20.0 | 25.9 | 32.2 | 46.2 | 62.0 | 87.5 |
| -57.5° | 0.0 | 3.5 | 7.0 | 10.5 | 14.2 | 18.5 | 23.4 | 29.3 | 38.7 | 52.0 | 70.4 |
| -60° | 0.0 | 3.2 | 6.5 | 9.7 | 13.0 | 17.0 | 21.0 | 26.4 | 31.8 | 43.3 | 55.5 |
| -62.5° | 0.0 | 3.0 | 6.0 | 9.0 | 12.0 | 15.4 | 19.1 | 23.4 | 28.4 | 34.4 | 45.6 |
| -65° | 0.0 | 2.7 | 5.5 | 8.2 | 10.9 | 13.8 | 17.2 | 20.5 | 24.9 | 29.4 | 35.5 |
| -67.5° | 0.0 | 2.5 | 5.0 | 7.4 | 9.9 | 12.4 | 15.2 | 18.3 | 21.3 | 25.4 | 29.4 |
| -70° | 0.0 | 2.2 | 4.4 | 6.7 | 8.9 | 11.0 | 13.3 | 16.0 | 18.6 | 21.3 | 24.9 |
| -72.5° | 0.0 | 2.0 | 3.9 | 5.8 | 7.8 | 9.7 | 11.6 | 13.6 | 16.0 | 18.3 | 20.5 |
| -75° | 0.0 | 1.7 | 3.4 | 5.0 | 6.7 | 8.3 | 10.0 | 11.6 | 13.3 | 15.2 | 17.2 |
| -77.5° | 0.0 | 1.4 | 2.8 | 4.2 | 5.6 | 7.0 | 8.3 | 9.7 | 11.0 | 12.4 | 13.8 |
| -80° | 0.0 | 1.1 | 2.3 | 3.4 | 4.5 | 5.6 | 6.7 | 7.8 | 8.9 | 9.9 | 10.9 |
| -82.5° | 0.0 | 0.8 | 1.7 | 2.5 | 3.4 | 4.2 | 5.0 | 5.8 | 6.7 | 7.4 | 8.2 |
| -85° | 0.0 | 0.6 | 1.1 | 1.7 | 2.3 | 2.8 | 3.4 | 3.9 | 4.4 | 5.0 | 5.5 |
| -87.5° | 0.0 | 0.3 | 0.6 | 0.8 | 1.1 | 1.4 | 1.7 | 2.0 | 2.2 | 2.5 | 2.7 |
| -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-08-640L-40-70-5S-HEG-A

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° | 3.0 | 3.2 | 3.5 | 3.7 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 |
| 85° | 6.0 | 6.5 | 7.0 | 7.5 | 7.9 | 8.4 | 8.8 | 9.2 | 9.6 | 10.0 | 10.3 |
| 82.5° | 9.0 | 9.7 | 10.5 | 11.2 | 11.8 | 12.5 | 13.2 | 14.0 | 14.7 | 15.4 | 16.1 |
| 80° | 12.0 | 13.0 | 14.2 | 15.3 | 16.5 | 17.6 | 18.7 | 19.7 | 20.7 | 21.9 | 23.1 |
| 77.5° | 15.4 | 17.0 | 18.5 | 20.0 | 21.5 | 23.4 | 25.3 | 27.1 | 28.8 | 30.4 | 32.0 |
| 75° | 19.1 | 21.0 | 23.4 | 25.9 | 28.3 | 30.6 | 33.2 | 38.2 | 42.9 | 47.5 | 51.8 |
| 72.5° | 23.4 | 26.4 | 29.3 | 32.2 | 38.2 | 44.5 | 50.5 | 56.3 | 64.4 | 74.0 | 83.2 |
| 70° | 28.4 | 31.8 | 38.7 | 46.2 | 53.6 | 62.4 | 74.8 | 86.8 | 98.4 | 111.0 | 126.1 |
| 67.5° | 34.4 | 43.3 | 52.0 | 62.0 | 76.9 | 91.5 | 105.5 | 124.9 | 143.7 | 161.7 | 183.2 |
| 65° | 45.6 | 55.5 | 70.4 | 87.5 | 104.1 | 126.6 | 149.2 | 171.0 | 208.2 | 246.5 | 282.9 |
| 62.5° | 56.6 | 74.6 | 93.8 | 115.6 | 142.0 | 167.7 | 209.4 | 255.2 | 299.3 | 355.0 | 409.9 |
| 60° | 74.6 | 95.9 | 121.8 | 151.3 | 185.6 | 239.1 | 290.9 | 354.3 | 420.0 | 483.5 | 558.7 |
| 57.5° | 93.8 | 121.8 | 154.4 | 197.5 | 257.0 | 318.8 | 395.4 | 469.5 | 555.7 | 641.4 | 727.9 |
| 55° | 115.6 | 151.3 | 197.5 | 263.0 | 335.3 | 420.2 | 508.1 | 608.0 | 704.7 | 817.9 | 926.3 |
| 52.5° | 142.0 | 185.6 | 257.0 | 335.3 | 428.6 | 529.0 | 639.6 | 756.6 | 883.2 | 1010.1 | 1145.4 |
| 50° | 167.7 | 239.1 | 318.8 | 420.2 | 529.0 | 650.2 | 782.7 | 922.7 | 1071.6 | 1222.8 | 1379.3 |
| 47.5° | 209.4 | 290.9 | 395.4 | 508.1 | 639.6 | 782.7 | 935.9 | 1102.5 | 1269.8 | 1451.1 | 1627.5 |
| 45° | 255.2 | 354.3 | 469.5 | 608.0 | 756.6 | 922.7 | 1102.5 | 1285.5 | 1487.2 | 1676.6 | 1838.9 |
| 42.5° | 299.3 | 420.0 | 555.7 | 704.7 | 883.2 | 1071.6 | 1269.8 | 1487.2 | 1692.5 | 1871.2 | 1989.7 |
| 40° | 355.0 | 483.5 | 641.4 | 817.9 | 1010.1 | 1222.8 | 1451.1 | 1676.6 | 1871.2 | 1997.1 | 2078.8 |
| 37.5° | 409.9 | 558.7 | 727.9 | 926.3 | 1145.4 | 1379.3 | 1627.5 | 1838.9 | 1989.7 | 2078.8 | 2296.6 |
| 35° | 462.1 | 630.2 | 823.1 | 1038.5 | 1274.5 | 1536.9 | 1775.0 | 1967.8 | 2063.8 | 2276.7 | 2680.4 |
| 32.5° | 518.7 | 697.7 | 913.2 | 1151.8 | 1412.1 | 1680.4 | 1913.7 | 2034.1 | 2217.4 | 2549.9 | 3349.2 |
| 30° | 576.4 | 774.1 | 1001.8 | 1258.5 | 1543.2 | 1802.4 | 1990.3 | 2119.9 | 2392.1 | 3149.6 | 5308.5 |
| 27.5° | 630.2 | 846.4 | 1093.4 | 1368.1 | 1662.5 | 1916.9 | 2045.4 | 2273.6 | 2821.6 | 4163.4 | 7866.0 |
| 25° | 679.8 | 913.2 | 1178.1 | 1473.0 | 1760.8 | 1980.6 | 2119.0 | 2417.0 | 3317.3 | 6408.7 | 10155.9 |
| 22.5° | 730.1 | 974.5 | 1255.8 | 1569.2 | 1851.1 | 2024.4 | 2241.8 | 2797.7 | 4414.2 | 8486.3 | 12256.9 |
| 20° | 780.2 | 1038.5 | 1331.5 | 1654.2 | 1933.0 | 2064.1 | 2353.6 | 3186.3 | 6185.3 | 10278.9 | 14053.5 |
| 17.5° | 824.8 | 1095.6 | 1402.7 | 1721.4 | 1973.0 | 2126.7 | 2489.9 | 3535.2 | 7779.1 | 11896.0 | 15615.9 |
| 15° | 863.7 | 1145.4 | 1464.9 | 1780.2 | 2001.7 | 2207.8 | 2773.1 | 4694.6 | 9137.1 | 13282.9 | 17003.0 |
| 12.5° | 896.9 | 1187.9 | 1518.0 | 1830.4 | 2026.2 | 2277.1 | 3015.8 | 5808.0 | 10272.1 | 14384.9 | 18248.5 |
| 10° | 924.1 | 1222.8 | 1561.8 | 1871.8 | 2046.4 | 2334.4 | 3216.5 | 6730.0 | 11213.4 | 15300.6 | 19285.7 |
| 7.5° | 945.5 | 1250.2 | 1596.0 | 1904.2 | 2062.3 | 2379.3 | 3373.9 | 7454.1 | 11953.7 | 16022.0 | 20104.3 |
| 5° | 960.7 | 1269.8 | 1620.5 | 1927.4 | 2073.7 | 2411.6 | 3487.1 | 7975.3 | 12487.0 | 16542.2 | 20695.5 |
| 2.5° | 969.9 | 1281.6 | 1635.3 | 1941.4 | 2080.5 | 2431.0 | 3555.3 | 8289.5 | 12808.8 | 16856.4 | 21053.0 |
| 0° | 973.0 | 1285.5 | 1640.2 | 1946.1 | 2082.8 | 2437.5 | 3578.1 | 8394.5 | 12916.4 | 16961.5 | 21172.6 |
| -2.5° | 969.9 | 1281.6 | 1635.3 | 1941.4 | 2080.5 | 2431.0 | 3555.3 | 8289.5 | 12808.8 | 16856.4 | 21053.0 |
| -5° | 960.7 | 1269.8 | 1620.5 | 1927.4 | 2073.7 | 2411.6 | 3487.1 | 7975.3 | 12487.0 | 16542.2 | 20695.5 |
| -7.5° | 945.5 | 1250.2 | 1596.0 | 1904.2 | 2062.3 | 2379.3 | 3373.9 | 7454.1 | 11953.7 | 16022.0 | 20104.3 |
| -10° | 924.1 | 1222.8 | 1561.8 | 1871.8 | 2046.4 | 2334.4 | 3216.5 | 6730.0 | 11213.4 | 15300.6 | 19285.7 |
| -12.5° | 896.9 | 1187.9 | 1518.0 | 1830.4 | 2026.2 | 2277.1 | 3015.8 | 5808.0 | 10272.1 | 14384.9 | 18248.5 |
| -15° | 863.7 | 1145.4 | 1464.9 | 1780.2 | 2001.7 | 2207.8 | 2773.1 | 4694.6 | 9137.1 | 13282.9 | 17003.0 |
| -17.5° | 824.8 | 1095.6 | 1402.7 | 1721.4 | 1973.0 | 2126.7 | 2489.9 | 3535.2 | 7779.1 | 11896.0 | 15615.9 |
| -20° | 780.2 | 1038.5 | 1331.5 | 1654.2 | 1933.0 | 2064.1 | 2353.6 | 3186.3 | 6185.3 | 10278.9 | 14053.5 |



REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| -22.5° | 730.1 | 974.5 | 1255.8 | 1569.2 | 1851.1 | 2024.4 | 2241.8 | 2797.7 | 4414.2 | 8486.3 | 12256.9 |
| -25° | 679.8 | 913.2 | 1178.1 | 1473.0 | 1760.8 | 1980.6 | 2119.0 | 2417.0 | 3317.3 | 6408.7 | 10155.9 |
| -27.5° | 630.2 | 846.4 | 1093.4 | 1368.1 | 1662.5 | 1916.9 | 2045.4 | 2273.6 | 2821.6 | 4163.4 | 7866.0 |
| -30° | 576.4 | 774.1 | 1001.8 | 1258.5 | 1543.2 | 1802.4 | 1990.3 | 2119.9 | 2392.1 | 3149.6 | 5308.5 |
| -32.5° | 518.7 | 697.7 | 913.2 | 1151.8 | 1412.1 | 1680.4 | 1913.7 | 2034.1 | 2217.4 | 2549.9 | 3349.2 |
| -35° | 462.1 | 630.2 | 823.1 | 1038.5 | 1274.5 | 1536.9 | 1775.0 | 1967.8 | 2063.8 | 2276.7 | 2680.4 |
| -37.5° | 409.9 | 558.7 | 727.9 | 926.3 | 1145.4 | 1379.3 | 1627.5 | 1838.9 | 1989.7 | 2078.8 | 2296.6 |
| -40° | 355.0 | 483.5 | 641.4 | 817.9 | 1010.1 | 1222.8 | 1451.1 | 1676.6 | 1871.2 | 1997.1 | 2078.8 |
| -42.5° | 299.3 | 420.0 | 555.7 | 704.7 | 883.2 | 1071.6 | 1269.8 | 1487.2 | 1692.5 | 1871.2 | 1989.7 |
| -45° | 255.2 | 354.3 | 469.5 | 608.0 | 756.6 | 922.7 | 1102.5 | 1285.5 | 1487.2 | 1676.6 | 1838.9 |
| -47.5° | 209.4 | 290.9 | 395.4 | 508.1 | 639.6 | 782.7 | 935.9 | 1102.5 | 1269.8 | 1451.1 | 1627.5 |
| -50° | 167.7 | 239.1 | 318.8 | 420.2 | 529.0 | 650.2 | 782.7 | 922.7 | 1071.6 | 1222.8 | 1379.3 |
| -52.5° | 142.0 | 185.6 | 257.0 | 335.3 | 428.6 | 529.0 | 639.6 | 756.6 | 883.2 | 1010.1 | 1145.4 |
| -55° | 115.6 | 151.3 | 197.5 | 263.0 | 335.3 | 420.2 | 508.1 | 608.0 | 704.7 | 817.9 | 926.3 |
| -57.5° | 93.8 | 121.8 | 154.4 | 197.5 | 257.0 | 318.8 | 395.4 | 469.5 | 555.7 | 641.4 | 727.9 |
| -60° | 74.6 | 95.9 | 121.8 | 151.3 | 185.6 | 239.1 | 290.9 | 354.3 | 420.0 | 483.5 | 558.7 |
| -62.5° | 56.6 | 74.6 | 93.8 | 115.6 | 142.0 | 167.7 | 209.4 | 255.2 | 299.3 | 355.0 | 409.9 |
| -65° | 45.6 | 55.5 | 70.4 | 87.5 | 104.1 | 126.6 | 149.2 | 171.0 | 208.2 | 246.5 | 282.9 |
| -67.5° | 34.4 | 43.3 | 52.0 | 62.0 | 76.9 | 91.5 | 105.5 | 124.9 | 143.7 | 161.7 | 183.2 |
| -70° | 28.4 | 31.8 | 38.7 | 46.2 | 53.6 | 62.4 | 74.8 | 86.8 | 98.4 | 111.0 | 126.1 |
| -72.5° | 23.4 | 26.4 | 29.3 | 32.2 | 38.2 | 44.5 | 50.5 | 56.3 | 64.4 | 74.0 | 83.2 |
| -75° | 19.1 | 21.0 | 23.4 | 25.9 | 28.3 | 30.6 | 33.2 | 38.2 | 42.9 | 47.5 | 51.8 |
| -77.5° | 15.4 | 17.0 | 18.5 | 20.0 | 21.5 | 23.4 | 25.3 | 27.1 | 28.8 | 30.4 | 32.0 |
| -80° | 12.0 | 13.0 | 14.2 | 15.3 | 16.5 | 17.6 | 18.7 | 19.7 | 20.7 | 21.9 | 23.1 |
| -82.5° | 9.0 | 9.7 | 10.5 | 11.2 | 11.8 | 12.5 | 13.2 | 14.0 | 14.7 | 15.4 | 16.1 |
| -85° | 6.0 | 6.5 | 7.0 | 7.5 | 7.9 | 8.4 | 8.8 | 9.2 | 9.6 | 10.0 | 10.3 |
| -87.5° | 3.0 | 3.2 | 3.5 | 3.7 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 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: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

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° | 5.3 | 5.5 | 5.6 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.3 | 6.4 |
| 85° | 10.6 | 11.0 | 11.3 | 11.5 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.7 | 12.8 |
| 82.5° | 16.7 | 17.3 | 17.9 | 18.4 | 18.9 | 19.3 | 19.7 | 20.1 | 20.4 | 20.6 | 20.8 |
| 80° | 24.3 | 25.4 | 26.4 | 27.3 | 28.2 | 29.0 | 29.7 | 30.4 | 30.9 | 31.4 | 31.8 |
| 77.5° | 34.7 | 37.9 | 40.9 | 43.7 | 46.2 | 48.5 | 50.6 | 52.5 | 54.1 | 55.5 | 56.6 |
| 75° | 55.9 | 60.6 | 67.1 | 73.2 | 78.7 | 83.8 | 88.4 | 92.4 | 95.9 | 98.9 | 101.4 |
| 72.5° | 91.8 | 100.0 | 108.4 | 118.6 | 128.1 | 136.7 | 144.4 | 151.3 | 157.3 | 162.4 | 166.6 |
| 70° | 140.5 | 154.0 | 166.7 | 182.5 | 203.1 | 222.0 | 239.1 | 254.2 | 267.4 | 278.6 | 287.8 |
| 67.5° | 214.1 | 243.3 | 270.7 | 296.1 | 325.1 | 354.3 | 380.6 | 404.0 | 424.4 | 441.8 | 456.1 |
| 65° | 322.3 | 366.8 | 408.5 | 447.3 | 483.5 | 524.3 | 561.2 | 594.0 | 622.6 | 647.0 | 667.0 |
| 62.5° | 462.1 | 518.7 | 576.4 | 630.2 | 679.8 | 730.1 | 780.2 | 824.8 | 863.7 | 896.9 | 924.1 |
| 60° | 630.2 | 697.7 | 774.1 | 846.4 | 913.2 | 974.5 | 1038.5 | 1095.6 | 1145.4 | 1187.9 | 1222.8 |
| 57.5° | 823.1 | 913.2 | 1001.8 | 1093.4 | 1178.1 | 1255.8 | 1331.5 | 1402.7 | 1464.9 | 1518.0 | 1561.8 |
| 55° | 1038.5 | 1151.8 | 1258.5 | 1368.1 | 1473.0 | 1569.2 | 1654.2 | 1721.4 | 1780.2 | 1830.4 | 1871.8 |
| 52.5° | 1274.5 | 1412.1 | 1543.2 | 1662.5 | 1760.8 | 1851.1 | 1933.0 | 1973.0 | 2001.7 | 2026.2 | 2046.4 |
| 50° | 1536.9 | 1680.4 | 1802.4 | 1916.9 | 1980.6 | 2024.4 | 2064.1 | 2126.7 | 2207.8 | 2277.1 | 2334.4 |
| 47.5° | 1775.0 | 1913.7 | 1990.3 | 2045.4 | 2119.0 | 2241.8 | 2353.6 | 2489.9 | 2773.1 | 3015.8 | 3216.5 |
| 45° | 1967.8 | 2034.1 | 2119.9 | 2273.6 | 2417.0 | 2797.7 | 3186.3 | 3535.2 | 4694.6 | 5808.0 | 6730.0 |
| 42.5° | 2063.8 | 2217.4 | 2392.1 | 2821.6 | 3317.3 | 4414.2 | 6185.3 | 7779.1 | 9137.1 | 10272.1 | 11213.4 |
| 40° | 2276.7 | 2549.9 | 3149.6 | 4163.4 | 6408.7 | 8486.3 | 10278.9 | 11896.0 | 13282.9 | 14384.9 | 15300.6 |
| 37.5° | 2680.4 | 3349.2 | 5308.5 | 7866.0 | 10155.9 | 12256.9 | 14053.5 | 15615.9 | 17003.0 | 18248.5 | 19285.7 |
| 35° | 3416.2 | 5887.4 | 8732.1 | 11291.8 | 13622.8 | 15639.1 | 17520.0 | 19276.2 | 20838.3 | 22328.3 | 23610.0 |
| 32.5° | 5887.4 | 9012.2 | 11867.0 | 14414.4 | 16720.7 | 18960.4 | 21042.0 | 23175.6 | 25096.0 | 27042.5 | 28916.3 |
| 30° | 8732.1 | 11867.0 | 14680.7 | 17281.9 | 19842.1 | 22395.5 | 24934.6 | 27702.4 | 30493.6 | 33239.1 | 36385.9 |
| 27.5° | 11291.8 | 14414.4 | 17281.9 | 20139.0 | 23092.4 | 26036.8 | 29693.9 | 33433.5 | 38088.1 | 42170.9 | 45686.1 |
| 25° | 13622.8 | 16720.7 | 19842.1 | 23092.4 | 26525.1 | 30708.9 | 35861.2 | 41440.9 | 46581.8 | 51131.1 | 54974.5 |
| 22.5° | 15639.1 | 18960.4 | 22395.5 | 26036.8 | 30708.9 | 36682.0 | 43174.9 | 49317.7 | 54903.9 | 59848.9 | 64336.1 |
| 20° | 17520.0 | 21042.0 | 24934.6 | 29693.9 | 35861.2 | 43174.9 | 50245.5 | 56840.1 | 62994.2 | 69144.5 | 74664.4 |
| 17.5° | 19276.2 | 23175.6 | 27702.4 | 33433.5 | 41440.9 | 49317.7 | 56840.1 | 64169.8 | 71637.4 | 79400.7 | 86493.6 |
| 15° | 20838.3 | 25096.0 | 30493.6 | 38088.1 | 46581.8 | 54903.9 | 62994.2 | 71637.4 | 81025.2 | 90494.4 | 99780.1 |
| 12.5° | 22328.3 | 27042.5 | 33239.1 | 42170.9 | 51131.1 | 59848.9 | 69144.5 | 79400.7 | 90494.4 | 102035.4 | 110014.2 |
| 10° | 23610.0 | 28916.3 | 36385.9 | 45686.1 | 54974.5 | 64336.1 | 74664.4 | 86493.6 | 99780.1 | 110014.2 | 117688.2 |
| 7.5° | 24623.7 | 30402.6 | 38890.4 | 48495.8 | 58055.5 | 68213.0 | 79862.4 | 93276.1 | 106348.7 | 116141.9 | 122344.9 |
| 5° | 25357.3 | 31480.4 | 40711.7 | 50546.1 | 60313.9 | 71071.2 | 83724.2 | 98422.1 | 110794.1 | 119706.4 | 125170.1 |
| 2.5° | 25801.3 | 32133.9 | 41818.0 | 51794.7 | 61693.5 | 72824.7 | 86107.2 | 101623.6 | 113593.1 | 121681.2 | 126687.6 |
| 0° | 25950.0 | 32352.9 | 42189.1 | 52214.0 | 62157.6 | 73415.9 | 86913.2 | 102711.4 | 114550.6 | 122287.8 | 127206.7 |
| -2.5° | 25801.3 | 32133.9 | 41818.0 | 51794.7 | 61693.5 | 72824.7 | 86107.2 | 101623.6 | 113593.1 | 121681.2 | 126687.6 |
| -5° | 25357.3 | 31480.4 | 40711.7 | 50546.1 | 60313.9 | 71071.2 | 83724.2 | 98422.1 | 110794.1 | 119706.4 | 125170.1 |
| -7.5° | 24623.7 | 30402.6 | 38890.4 | 48495.8 | 58055.5 | 68213.0 | 79862.4 | 93276.1 | 106348.7 | 116141.9 | 122344.9 |
| -10° | 23610.0 | 28916.3 | 36385.9 | 45686.1 | 54974.5 | 64336.1 | 74664.4 | 86493.6 | 99780.1 | 110014.2 | 117688.2 |
| -12.5° | 22328.3 | 27042.5 | 33239.1 | 42170.9 | 51131.1 | 59848.9 | 69144.5 | 79400.7 | 90494.4 | 102035.4 | 110014.2 |
| -15° | 20838.3 | 25096.0 | 30493.6 | 38088.1 | 46581.8 | 54903.9 | 62994.2 | 71637.4 | 81025.2 | 90494.4 | 99780.1 |
| -17.5° | 19276.2 | 23175.6 | 27702.4 | 33433.5 | 41440.9 | 49317.7 | 56840.1 | 64169.8 | 71637.4 | 79400.7 | 86493.6 |
| -20° | 17520.0 | 21042.0 | 24934.6 | 29693.9 | 35861.2 | 43174.9 | 50245.5 | 56840.1 | 62994.2 | 69144.5 | 74664.4 |



REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 15639.1 | 18960.4 | 22395.5 | 26036.8 | 30708.9 | 36682.0 | 43174.9 | 49317.7 | 54903.9 | 59848.9 | 64336.1 |
| -25° | 13622.8 | 16720.7 | 19842.1 | 23092.4 | 26525.1 | 30708.9 | 35861.2 | 41440.9 | 46581.8 | 51131.1 | 54974.5 |
| -27.5° | 11291.8 | 14414.4 | 17281.9 | 20139.0 | 23092.4 | 26036.8 | 29693.9 | 33433.5 | 38088.1 | 42170.9 | 45686.1 |
| -30° | 8732.1 | 11867.0 | 14680.7 | 17281.9 | 19842.1 | 22395.5 | 24934.6 | 27702.4 | 30493.6 | 33239.1 | 36385.9 |
| -32.5° | 5887.4 | 9012.2 | 11867.0 | 14414.4 | 16720.7 | 18960.4 | 21042.0 | 23175.6 | 25096.0 | 27042.5 | 28916.3 |
| -35° | 3416.2 | 5887.4 | 8732.1 | 11291.8 | 13622.8 | 15639.1 | 17520.0 | 19276.2 | 20838.3 | 22328.3 | 23610.0 |
| -37.5° | 2680.4 | 3349.2 | 5308.5 | 7866.0 | 10155.9 | 12256.9 | 14053.5 | 15615.9 | 17003.0 | 18248.5 | 19285.7 |
| -40° | 2276.7 | 2549.9 | 3149.6 | 4163.4 | 6408.7 | 8486.3 | 10278.9 | 11896.0 | 13282.9 | 14384.9 | 15300.6 |
| -42.5° | 2063.8 | 2217.4 | 2392.1 | 2821.6 | 3317.3 | 4414.2 | 6185.3 | 7779.1 | 9137.1 | 10272.1 | 11213.4 |
| -45° | 1967.8 | 2034.1 | 2119.9 | 2273.6 | 2417.0 | 2797.7 | 3186.3 | 3535.2 | 4694.6 | 5808.0 | 6730.0 |
| -47.5° | 1775.0 | 1913.7 | 1990.3 | 2045.4 | 2119.0 | 2241.8 | 2353.6 | 2489.9 | 2773.1 | 3015.8 | 3216.5 |
| -50° | 1536.9 | 1680.4 | 1802.4 | 1916.9 | 1980.6 | 2024.4 | 2064.1 | 2126.7 | 2207.8 | 2277.1 | 2334.4 |
| -52.5° | 1274.5 | 1412.1 | 1543.2 | 1662.5 | 1760.8 | 1851.1 | 1933.0 | 1973.0 | 2001.7 | 2026.2 | 2046.4 |
| -55° | 1038.5 | 1151.8 | 1258.5 | 1368.1 | 1473.0 | 1569.2 | 1654.2 | 1721.4 | 1780.2 | 1830.4 | 1871.8 |
| -57.5° | 823.1 | 913.2 | 1001.8 | 1093.4 | 1178.1 | 1255.8 | 1331.5 | 1402.7 | 1464.9 | 1518.0 | 1561.8 |
| -60° | 630.2 | 697.7 | 774.1 | 846.4 | 913.2 | 974.5 | 1038.5 | 1095.6 | 1145.4 | 1187.9 | 1222.8 |
| -62.5° | 462.1 | 518.7 | 576.4 | 630.2 | 679.8 | 730.1 | 780.2 | 824.8 | 863.7 | 896.9 | 924.1 |
| -65° | 322.3 | 366.8 | 408.5 | 447.3 | 483.5 | 524.3 | 561.2 | 594.0 | 622.6 | 647.0 | 667.0 |
| -67.5° | 214.1 | 243.3 | 270.7 | 296.1 | 325.1 | 354.3 | 380.6 | 404.0 | 424.4 | 441.8 | 456.1 |
| -70° | 140.5 | 154.0 | 166.7 | 182.5 | 203.1 | 222.0 | 239.1 | 254.2 | 267.4 | 278.6 | 287.8 |
| -72.5° | 91.8 | 100.0 | 108.4 | 118.6 | 128.1 | 136.7 | 144.4 | 151.3 | 157.3 | 162.4 | 166.6 |
| -75° | 55.9 | 60.6 | 67.1 | 73.2 | 78.7 | 83.8 | 88.4 | 92.4 | 95.9 | 98.9 | 101.4 |
| -77.5° | 34.7 | 37.9 | 40.9 | 43.7 | 46.2 | 48.5 | 50.6 | 52.5 | 54.1 | 55.5 | 56.6 |
| -80° | 24.3 | 25.4 | 26.4 | 27.3 | 28.2 | 29.0 | 29.7 | 30.4 | 30.9 | 31.4 | 31.8 |
| -82.5° | 16.7 | 17.3 | 17.9 | 18.4 | 18.9 | 19.3 | 19.7 | 20.1 | 20.4 | 20.6 | 20.8 |
| -85° | 10.6 | 11.0 | 11.3 | 11.5 | 11.8 | 12.0 | 12.2 | 12.4 | 12.6 | 12.7 | 12.8 |
| -87.5° | 5.3 | 5.5 | 5.6 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.3 | 6.4 |
| -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: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

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° | 6.4 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 | 6.3 | 6.2 |
| 85° | 12.9 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.9 | 12.8 | 12.7 | 12.6 | 12.4 |
| 82.5° | 21.0 | 21.1 | 21.2 | 21.2 | 21.2 | 21.1 | 21.0 | 20.8 | 20.6 | 20.4 | 20.1 |
| 80° | 32.1 | 32.3 | 32.5 | 32.5 | 32.5 | 32.3 | 32.1 | 31.8 | 31.4 | 30.9 | 30.4 |
| 77.5° | 57.5 | 58.1 | 58.5 | 58.6 | 58.5 | 58.1 | 57.5 | 56.6 | 55.5 | 54.1 | 52.5 |
| 75° | 103.3 | 104.7 | 105.5 | 105.8 | 105.5 | 104.7 | 103.3 | 101.4 | 98.9 | 95.9 | 92.4 |
| 72.5° | 169.9 | 172.2 | 173.6 | 174.1 | 173.6 | 172.2 | 169.9 | 166.6 | 162.4 | 157.3 | 151.3 |
| 70° | 295.0 | 300.2 | 303.3 | 304.3 | 303.3 | 300.2 | 295.0 | 287.8 | 278.6 | 267.4 | 254.2 |
| 67.5° | 467.2 | 475.2 | 480.0 | 481.6 | 480.0 | 475.2 | 467.2 | 456.1 | 441.8 | 424.4 | 404.0 |
| 65° | 682.7 | 693.9 | 700.6 | 702.9 | 700.6 | 693.9 | 682.7 | 667.0 | 647.0 | 622.6 | 594.0 |
| 62.5° | 945.5 | 960.7 | 969.9 | 973.0 | 969.9 | 960.7 | 945.5 | 924.1 | 896.9 | 863.7 | 824.8 |
| 60° | 1250.2 | 1269.8 | 1281.6 | 1285.5 | 1281.6 | 1269.8 | 1250.2 | 1222.8 | 1187.9 | 1145.4 | 1095.6 |
| 57.5° | 1596.0 | 1620.5 | 1635.3 | 1640.2 | 1635.3 | 1620.5 | 1596.0 | 1561.8 | 1518.0 | 1464.9 | 1402.7 |
| 55° | 1904.2 | 1927.4 | 1941.4 | 1946.1 | 1941.4 | 1927.4 | 1904.2 | 1871.8 | 1830.4 | 1780.2 | 1721.4 |
| 52.5° | 2062.3 | 2073.7 | 2080.5 | 2082.8 | 2080.5 | 2073.7 | 2062.3 | 2046.4 | 2026.2 | 2001.7 | 1973.0 |
| 50° | 2379.3 | 2411.6 | 2431.0 | 2437.5 | 2431.0 | 2411.6 | 2379.3 | 2334.4 | 2277.1 | 2207.8 | 2126.7 |
| 47.5° | 3373.9 | 3487.1 | 3555.3 | 3578.1 | 3555.3 | 3487.1 | 3373.9 | 3216.5 | 3015.8 | 2773.1 | 2489.9 |
| 45° | 7454.1 | 7975.3 | 8289.5 | 8394.5 | 8289.5 | 7975.3 | 7454.1 | 6730.0 | 5808.0 | 4694.6 | 3535.2 |
| 42.5° | 11953.7 | 12487.0 | 12808.8 | 12916.4 | 12808.8 | 12487.0 | 11953.7 | 11213.4 | 10272.1 | 9137.1 | 7779.1 |
| 40° | 16022.0 | 16542.2 | 16856.4 | 16961.5 | 16856.4 | 16542.2 | 16022.0 | 15300.6 | 14384.9 | 13282.9 | 11896.0 |
| 37.5° | 20104.3 | 20695.5 | 21053.0 | 21172.6 | 21053.0 | 20695.5 | 20104.3 | 19285.7 | 18248.5 | 17003.0 | 15615.9 |
| 35° | 24623.7 | 25357.3 | 25801.3 | 25950.0 | 25801.3 | 25357.3 | 24623.7 | 23610.0 | 22328.3 | 20838.3 | 19276.2 |
| 32.5° | 30402.6 | 31480.4 | 32133.9 | 32352.9 | 32133.9 | 31480.4 | 30402.6 | 28916.3 | 27042.5 | 25096.0 | 23175.6 |
| 30° | 38890.4 | 40711.7 | 41818.0 | 42189.1 | 41818.0 | 40711.7 | 38890.4 | 36385.9 | 33239.1 | 30493.6 | 27702.4 |
| 27.5° | 48495.8 | 50546.1 | 51794.7 | 52214.0 | 51794.7 | 50546.1 | 48495.8 | 45686.1 | 42170.9 | 38088.1 | 33433.5 |
| 25° | 58055.5 | 60313.9 | 61693.5 | 62157.6 | 61693.5 | 60313.9 | 58055.5 | 54974.5 | 51131.1 | 46581.8 | 41440.9 |
| 22.5° | 68213.0 | 71071.2 | 72824.7 | 73415.9 | 72824.7 | 71071.2 | 68213.0 | 64336.1 | 59848.9 | 54903.9 | 49317.7 |
| 20° | 79862.4 | 83724.2 | 86107.2 | 86913.2 | 86107.2 | 83724.2 | 79862.4 | 74664.4 | 69144.5 | 62994.2 | 56840.1 |
| 17.5° | 93276.1 | 98422.1 | 101623.6 | 102711.4 | 101623.6 | 98422.1 | 93276.1 | 86493.6 | 79400.7 | 71637.4 | 64169.8 |
| 15° | 106348.7 | 110794.1 | 113593.1 | 114550.6 | 113593.1 | 110794.1 | 106348.7 | 99780.1 | 90494.4 | 81025.2 | 71637.4 |
| 12.5° | 116141.9 | 119706.4 | 121681.2 | 122287.8 | 121681.2 | 119706.4 | 116141.9 | 110014.2 | 102035.4 | 90494.4 | 79400.7 |
| 10° | 122344.9 | 125170.1 | 126687.6 | 127206.7 | 126687.6 | 125170.1 | 122344.9 | 117688.2 | 110014.2 | 99780.1 | 86493.6 |
| 7.5° | 126199.1 | 128829.0 | 130408.7 | 130965.4 | 130408.7 | 128829.0 | 126199.1 | 122344.9 | 116141.9 | 106348.7 | 93276.1 |
| 5° | 128829.0 | 131563.4 | 133259.8 | 133777.1 | 133259.8 | 131563.4 | 128829.0 | 125170.1 | 119706.4 | 110794.1 | 98422.1 |
| 2.5° | 130408.7 | 133259.8 | 134075.1 | 134047.3 | 134075.1 | 133259.8 | 130408.7 | 126687.6 | 121681.2 | 113593.1 | 101623.6 |
| 0° | 130965.4 | 133777.1 | 134047.3 | 133529.8 | 134047.3 | 133777.1 | 130965.4 | 127206.7 | 122287.8 | 114550.6 | 102711.4 |
| -2.5° | 130408.7 | 133259.8 | 134075.1 | 134047.3 | 134075.1 | 133259.8 | 130408.7 | 126687.6 | 121681.2 | 113593.1 | 101623.6 |
| -5° | 128829.0 | 131563.4 | 133259.8 | 133777.1 | 133259.8 | 131563.4 | 128829.0 | 125170.1 | 119706.4 | 110794.1 | 98422.1 |
| -7.5° | 126199.1 | 128829.0 | 130408.7 | 130965.4 | 130408.7 | 128829.0 | 126199.1 | 122344.9 | 116141.9 | 106348.7 | 93276.1 |
| -10° | 122344.9 | 125170.1 | 126687.6 | 127206.7 | 126687.6 | 125170.1 | 122344.9 | 117688.2 | 110014.2 | 99780.1 | 86493.6 |
| -12.5° | 116141.9 | 119706.4 | 121681.2 | 122287.8 | 121681.2 | 119706.4 | 116141.9 | 110014.2 | 102035.4 | 90494.4 | 79400.7 |
| -15° | 106348.7 | 110794.1 | 113593.1 | 114550.6 | 113593.1 | 110794.1 | 106348.7 | 99780.1 | 90494.4 | 81025.2 | 71637.4 |
| -17.5° | 93276.1 | 98422.1 | 101623.6 | 102711.4 | 101623.6 | 98422.1 | 93276.1 | 86493.6 | 79400.7 | 71637.4 | 64169.8 |
| -20° | 79862.4 | 83724.2 | 86107.2 | 86913.2 | 86107.2 | 83724.2 | 79862.4 | 74664.4 | 69144.5 | 62994.2 | 56840.1 |



REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 68213.0 | 71071.2 | 72824.7 | 73415.9 | 72824.7 | 71071.2 | 68213.0 | 64336.1 | 59848.9 | 54903.9 | 49317.7 |
| -25° | 58055.5 | 60313.9 | 61693.5 | 62157.6 | 61693.5 | 60313.9 | 58055.5 | 54974.5 | 51131.1 | 46581.8 | 41440.9 |
| -27.5° | 48495.8 | 50546.1 | 51794.7 | 52214.0 | 51794.7 | 50546.1 | 48495.8 | 45686.1 | 42170.9 | 38088.1 | 33433.5 |
| -30° | 38890.4 | 40711.7 | 41818.0 | 42189.1 | 41818.0 | 40711.7 | 38890.4 | 36385.9 | 33239.1 | 30493.6 | 27702.4 |
| -32.5° | 30402.6 | 31480.4 | 32133.9 | 32352.9 | 32133.9 | 31480.4 | 30402.6 | 28916.3 | 27042.5 | 25096.0 | 23175.6 |
| -35° | 24623.7 | 25357.3 | 25801.3 | 25950.0 | 25801.3 | 25357.3 | 24623.7 | 23610.0 | 22328.3 | 20838.3 | 19276.2 |
| -37.5° | 20104.3 | 20695.5 | 21053.0 | 21172.6 | 21053.0 | 20695.5 | 20104.3 | 19285.7 | 18248.5 | 17003.0 | 15615.9 |
| -40° | 16022.0 | 16542.2 | 16856.4 | 16961.5 | 16856.4 | 16542.2 | 16022.0 | 15300.6 | 14384.9 | 13282.9 | 11896.0 |
| -42.5° | 11953.7 | 12487.0 | 12808.8 | 12916.4 | 12808.8 | 12487.0 | 11953.7 | 11213.4 | 10272.1 | 9137.1 | 7779.1 |
| -45° | 7454.1 | 7975.3 | 8289.5 | 8394.5 | 8289.5 | 7975.3 | 7454.1 | 6730.0 | 5808.0 | 4694.6 | 3535.2 |
| -47.5° | 3373.9 | 3487.1 | 3555.3 | 3578.1 | 3555.3 | 3487.1 | 3373.9 | 3216.5 | 3015.8 | 2773.1 | 2489.9 |
| -50° | 2379.3 | 2411.6 | 2431.0 | 2437.5 | 2431.0 | 2411.6 | 2379.3 | 2334.4 | 2277.1 | 2207.8 | 2126.7 |
| -52.5° | 2062.3 | 2073.7 | 2080.5 | 2082.8 | 2080.5 | 2073.7 | 2062.3 | 2046.4 | 2026.2 | 2001.7 | 1973.0 |
| -55° | 1904.2 | 1927.4 | 1941.4 | 1946.1 | 1941.4 | 1927.4 | 1904.2 | 1871.8 | 1830.4 | 1780.2 | 1721.4 |
| -57.5° | 1596.0 | 1620.5 | 1635.3 | 1640.2 | 1635.3 | 1620.5 | 1596.0 | 1561.8 | 1518.0 | 1464.9 | 1402.7 |
| -60° | 1250.2 | 1269.8 | 1281.6 | 1285.5 | 1281.6 | 1269.8 | 1250.2 | 1222.8 | 1187.9 | 1145.4 | 1095.6 |
| -62.5° | 945.5 | 960.7 | 969.9 | 973.0 | 969.9 | 960.7 | 945.5 | 924.1 | 896.9 | 863.7 | 824.8 |
| -65° | 682.7 | 693.9 | 700.6 | 702.9 | 700.6 | 693.9 | 682.7 | 667.0 | 647.0 | 622.6 | 594.0 |
| -67.5° | 467.2 | 475.2 | 480.0 | 481.6 | 480.0 | 475.2 | 467.2 | 456.1 | 441.8 | 424.4 | 404.0 |
| -70° | 295.0 | 300.2 | 303.3 | 304.3 | 303.3 | 300.2 | 295.0 | 287.8 | 278.6 | 267.4 | 254.2 |
| -72.5° | 169.9 | 172.2 | 173.6 | 174.1 | 173.6 | 172.2 | 169.9 | 166.6 | 162.4 | 157.3 | 151.3 |
| -75° | 103.3 | 104.7 | 105.5 | 105.8 | 105.5 | 104.7 | 103.3 | 101.4 | 98.9 | 95.9 | 92.4 |
| -77.5° | 57.5 | 58.1 | 58.5 | 58.6 | 58.5 | 58.1 | 57.5 | 56.6 | 55.5 | 54.1 | 52.5 |
| -80° | 32.1 | 32.3 | 32.5 | 32.5 | 32.5 | 32.3 | 32.1 | 31.8 | 31.4 | 30.9 | 30.4 |
| -82.5° | 21.0 | 21.1 | 21.2 | 21.2 | 21.2 | 21.1 | 21.0 | 20.8 | 20.6 | 20.4 | 20.1 |
| -85° | 12.9 | 13.0 | 13.0 | 13.0 | 13.0 | 13.0 | 12.9 | 12.8 | 12.7 | 12.6 | 12.4 |
| -87.5° | 6.4 | 6.5 | 6.5 | 6.5 | 6.5 | 6.5 | 6.4 | 6.4 | 6.3 | 6.3 | 6.2 |
| -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: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

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° | 6.1 | 6.0 | 5.9 | 5.8 | 5.6 | 5.5 | 5.3 | 5.2 | 5.0 | 4.8 | 4.6 |
| 85° | 12.2 | 12.0 | 11.8 | 11.5 | 11.3 | 11.0 | 10.6 | 10.3 | 10.0 | 9.6 | 9.2 |
| 82.5° | 19.7 | 19.3 | 18.9 | 18.4 | 17.9 | 17.3 | 16.7 | 16.1 | 15.4 | 14.7 | 14.0 |
| 80° | 29.7 | 29.0 | 28.2 | 27.3 | 26.4 | 25.4 | 24.3 | 23.1 | 21.9 | 20.7 | 19.7 |
| 77.5° | 50.6 | 48.5 | 46.2 | 43.7 | 40.9 | 37.9 | 34.7 | 32.0 | 30.4 | 28.8 | 27.1 |
| 75° | 88.4 | 83.8 | 78.7 | 73.2 | 67.1 | 60.6 | 55.9 | 51.8 | 47.5 | 42.9 | 38.2 |
| 72.5° | 144.4 | 136.7 | 128.1 | 118.6 | 108.4 | 100.0 | 91.8 | 83.2 | 74.0 | 64.4 | 56.3 |
| 70° | 239.1 | 222.0 | 203.1 | 182.5 | 166.7 | 154.0 | 140.5 | 126.1 | 111.0 | 98.4 | 86.8 |
| 67.5° | 380.6 | 354.3 | 325.1 | 296.1 | 270.7 | 243.3 | 214.1 | 183.2 | 161.7 | 143.7 | 124.9 |
| 65° | 561.2 | 524.3 | 483.5 | 447.3 | 408.5 | 366.8 | 322.3 | 282.9 | 246.5 | 208.2 | 171.0 |
| 62.5° | 780.2 | 730.1 | 679.8 | 630.2 | 576.4 | 518.7 | 462.1 | 409.9 | 355.0 | 299.3 | 255.2 |
| 60° | 1038.5 | 974.5 | 913.2 | 846.4 | 774.1 | 697.7 | 630.2 | 558.7 | 483.5 | 420.0 | 354.3 |
| 57.5° | 1331.5 | 1255.8 | 1178.1 | 1093.4 | 1001.8 | 913.2 | 823.1 | 727.9 | 641.4 | 555.7 | 469.5 |
| 55° | 1654.2 | 1569.2 | 1473.0 | 1368.1 | 1258.5 | 1151.8 | 1038.5 | 926.3 | 817.9 | 704.7 | 608.0 |
| 52.5° | 1933.0 | 1851.1 | 1760.8 | 1662.5 | 1543.2 | 1412.1 | 1274.5 | 1145.4 | 1010.1 | 883.2 | 756.6 |
| 50° | 2064.1 | 2024.4 | 1980.6 | 1916.9 | 1802.4 | 1680.4 | 1536.9 | 1379.3 | 1222.8 | 1071.6 | 922.7 |
| 47.5° | 2353.6 | 2241.8 | 2119.0 | 2045.4 | 1990.3 | 1913.7 | 1775.0 | 1627.5 | 1451.1 | 1269.8 | 1102.5 |
| 45° | 3186.3 | 2797.7 | 2417.0 | 2273.6 | 2119.9 | 2034.1 | 1967.8 | 1838.9 | 1676.6 | 1487.2 | 1285.5 |
| 42.5° | 6185.3 | 4414.2 | 3317.3 | 2821.6 | 2392.1 | 2217.4 | 2063.8 | 1989.7 | 1871.2 | 1692.5 | 1487.2 |
| 40° | 10278.9 | 8486.3 | 6408.7 | 4163.4 | 3149.6 | 2549.9 | 2276.7 | 2078.8 | 1997.1 | 1871.2 | 1676.6 |
| 37.5° | 14053.5 | 12256.9 | 10155.9 | 7866.0 | 5308.5 | 3349.2 | 2680.4 | 2296.6 | 2078.8 | 1989.7 | 1838.9 |
| 35° | 17520.0 | 15639.1 | 13622.8 | 11291.8 | 8732.1 | 5887.4 | 3416.2 | 2680.4 | 2276.7 | 2063.8 | 1967.8 |
| 32.5° | 21042.0 | 18960.4 | 16720.7 | 14414.4 | 11867.0 | 9012.2 | 5887.4 | 3349.2 | 2549.9 | 2217.4 | 2034.1 |
| 30° | 24934.6 | 22395.5 | 19842.1 | 17281.9 | 14680.7 | 11867.0 | 8732.1 | 5308.5 | 3149.6 | 2392.1 | 2119.9 |
| 27.5° | 29693.9 | 26036.8 | 23092.4 | 20139.0 | 17281.9 | 14414.4 | 11291.8 | 7866.0 | 4163.4 | 2821.6 | 2273.6 |
| 25° | 35861.2 | 30708.9 | 26525.1 | 23092.4 | 19842.1 | 16720.7 | 13622.8 | 10155.9 | 6408.7 | 3317.3 | 2417.0 |
| 22.5° | 43174.9 | 36682.0 | 30708.9 | 26036.8 | 22395.5 | 18960.4 | 15639.1 | 12256.9 | 8486.3 | 4414.2 | 2797.7 |
| 20° | 50245.5 | 43174.9 | 35861.2 | 29693.9 | 24934.6 | 21042.0 | 17520.0 | 14053.5 | 10278.9 | 6185.3 | 3186.3 |
| 17.5° | 56840.1 | 49317.7 | 41440.9 | 33433.5 | 27702.4 | 23175.6 | 19276.2 | 15615.9 | 11896.0 | 7779.1 | 3535.2 |
| 15° | 62994.2 | 54903.9 | 46581.8 | 38088.1 | 30493.6 | 25096.0 | 20838.3 | 17003.0 | 13282.9 | 9137.1 | 4694.6 |
| 12.5° | 69144.5 | 59848.9 | 51131.1 | 42170.9 | 33239.1 | 27042.5 | 22328.3 | 18248.5 | 14384.9 | 10272.1 | 5808.0 |
| 10° | 74664.4 | 64336.1 | 54974.5 | 45686.1 | 36385.9 | 28916.3 | 23610.0 | 19285.7 | 15300.6 | 11213.4 | 6730.0 |
| 7.5° | 79862.4 | 68213.0 | 58055.5 | 48495.8 | 38890.4 | 30402.6 | 24623.7 | 20104.3 | 16022.0 | 11953.7 | 7454.1 |
| 5° | 83724.2 | 71071.2 | 60313.9 | 50546.1 | 40711.7 | 31480.4 | 25357.3 | 20695.5 | 16542.2 | 12487.0 | 7975.3 |
| 2.5° | 86107.2 | 72824.7 | 61693.5 | 51794.7 | 41818.0 | 32133.9 | 25801.3 | 21053.0 | 16856.4 | 12808.8 | 8289.5 |
| 0° | 86913.2 | 73415.9 | 62157.6 | 52214.0 | 42189.1 | 32352.9 | 25950.0 | 21172.6 | 16961.5 | 12916.4 | 8394.5 |
| -2.5° | 86107.2 | 72824.7 | 61693.5 | 51794.7 | 41818.0 | 32133.9 | 25801.3 | 21053.0 | 16856.4 | 12808.8 | 8289.5 |
| -5° | 83724.2 | 71071.2 | 60313.9 | 50546.1 | 40711.7 | 31480.4 | 25357.3 | 20695.5 | 16542.2 | 12487.0 | 7975.3 |
| -7.5° | 79862.4 | 68213.0 | 58055.5 | 48495.8 | 38890.4 | 30402.6 | 24623.7 | 20104.3 | 16022.0 | 11953.7 | 7454.1 |
| -10° | 74664.4 | 64336.1 | 54974.5 | 45686.1 | 36385.9 | 28916.3 | 23610.0 | 19285.7 | 15300.6 | 11213.4 | 6730.0 |
| -12.5° | 69144.5 | 59848.9 | 51131.1 | 42170.9 | 33239.1 | 27042.5 | 22328.3 | 18248.5 | 14384.9 | 10272.1 | 5808.0 |
| -15° | 62994.2 | 54903.9 | 46581.8 | 38088.1 | 30493.6 | 25096.0 | 20838.3 | 17003.0 | 13282.9 | 9137.1 | 4694.6 |
| -17.5° | 56840.1 | 49317.7 | 41440.9 | 33433.5 | 27702.4 | 23175.6 | 19276.2 | 15615.9 | 11896.0 | 7779.1 | 3535.2 |
| -20° | 50245.5 | 43174.9 | 35861.2 | 29693.9 | 24934.6 | 21042.0 | 17520.0 | 14053.5 | 10278.9 | 6185.3 | 3186.3 |



REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| -22.5° | 43174.9 | 36682.0 | 30708.9 | 26036.8 | 22395.5 | 18960.4 | 15639.1 | 12256.9 | 8486.3 | 4414.2 | 2797.7 |
| -25° | 35861.2 | 30708.9 | 26525.1 | 23092.4 | 19842.1 | 16720.7 | 13622.8 | 10155.9 | 6408.7 | 3317.3 | 2417.0 |
| -27.5° | 29693.9 | 26036.8 | 23092.4 | 20139.0 | 17281.9 | 14414.4 | 11291.8 | 7866.0 | 4163.4 | 2821.6 | 2273.6 |
| -30° | 24934.6 | 22395.5 | 19842.1 | 17281.9 | 14680.7 | 11867.0 | 8732.1 | 5308.5 | 3149.6 | 2392.1 | 2119.9 |
| -32.5° | 21042.0 | 18960.4 | 16720.7 | 14414.4 | 11867.0 | 9012.2 | 5887.4 | 3349.2 | 2549.9 | 2217.4 | 2034.1 |
| -35° | 17520.0 | 15639.1 | 13622.8 | 11291.8 | 8732.1 | 5887.4 | 3416.2 | 2680.4 | 2276.7 | 2063.8 | 1967.8 |
| -37.5° | 14053.5 | 12256.9 | 10155.9 | 7866.0 | 5308.5 | 3349.2 | 2680.4 | 2296.6 | 2078.8 | 1989.7 | 1838.9 |
| -40° | 10278.9 | 8486.3 | 6408.7 | 4163.4 | 3149.6 | 2549.9 | 2276.7 | 2078.8 | 1997.1 | 1871.2 | 1676.6 |
| -42.5° | 6185.3 | 4414.2 | 3317.3 | 2821.6 | 2392.1 | 2217.4 | 2063.8 | 1989.7 | 1871.2 | 1692.5 | 1487.2 |
| -45° | 3186.3 | 2797.7 | 2417.0 | 2273.6 | 2119.9 | 2034.1 | 1967.8 | 1838.9 | 1676.6 | 1487.2 | 1285.5 |
| -47.5° | 2353.6 | 2241.8 | 2119.0 | 2045.4 | 1990.3 | 1913.7 | 1775.0 | 1627.5 | 1451.1 | 1269.8 | 1102.5 |
| -50° | 2064.1 | 2024.4 | 1980.6 | 1916.9 | 1802.4 | 1680.4 | 1536.9 | 1379.3 | 1222.8 | 1071.6 | 922.7 |
| -52.5° | 1933.0 | 1851.1 | 1760.8 | 1662.5 | 1543.2 | 1412.1 | 1274.5 | 1145.4 | 1010.1 | 883.2 | 756.6 |
| -55° | 1654.2 | 1569.2 | 1473.0 | 1368.1 | 1258.5 | 1151.8 | 1038.5 | 926.3 | 817.9 | 704.7 | 608.0 |
| -57.5° | 1331.5 | 1255.8 | 1178.1 | 1093.4 | 1001.8 | 913.2 | 823.1 | 727.9 | 641.4 | 555.7 | 469.5 |
| -60° | 1038.5 | 974.5 | 913.2 | 846.4 | 774.1 | 697.7 | 630.2 | 558.7 | 483.5 | 420.0 | 354.3 |
| -62.5° | 780.2 | 730.1 | 679.8 | 630.2 | 576.4 | 518.7 | 462.1 | 409.9 | 355.0 | 299.3 | 255.2 |
| -65° | 561.2 | 524.3 | 483.5 | 447.3 | 408.5 | 366.8 | 322.3 | 282.9 | 246.5 | 208.2 | 171.0 |
| -67.5° | 380.6 | 354.3 | 325.1 | 296.1 | 270.7 | 243.3 | 214.1 | 183.2 | 161.7 | 143.7 | 124.9 |
| -70° | 239.1 | 222.0 | 203.1 | 182.5 | 166.7 | 154.0 | 140.5 | 126.1 | 111.0 | 98.4 | 86.8 |
| -72.5° | 144.4 | 136.7 | 128.1 | 118.6 | 108.4 | 100.0 | 91.8 | 83.2 | 74.0 | 64.4 | 56.3 |
| -75° | 88.4 | 83.8 | 78.7 | 73.2 | 67.1 | 60.6 | 55.9 | 51.8 | 47.5 | 42.9 | 38.2 |
| -77.5° | 50.6 | 48.5 | 46.2 | 43.7 | 40.9 | 37.9 | 34.7 | 32.0 | 30.4 | 28.8 | 27.1 |
| -80° | 29.7 | 29.0 | 28.2 | 27.3 | 26.4 | 25.4 | 24.3 | 23.1 | 21.9 | 20.7 | 19.7 |
| -82.5° | 19.7 | 19.3 | 18.9 | 18.4 | 17.9 | 17.3 | 16.7 | 16.1 | 15.4 | 14.7 | 14.0 |
| -85° | 12.2 | 12.0 | 11.8 | 11.5 | 11.3 | 11.0 | 10.6 | 10.3 | 10.0 | 9.6 | 9.2 |
| -87.5° | 6.1 | 6.0 | 5.9 | 5.8 | 5.6 | 5.5 | 5.3 | 5.2 | 5.0 | 4.8 | 4.6 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

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° | 4.4 | 4.2 | 4.0 | 3.7 | 3.5 | 3.2 | 3.0 | 2.7 | 2.5 | 2.2 | 2.0 |
| 85° | 8.8 | 8.4 | 7.9 | 7.5 | 7.0 | 6.5 | 6.0 | 5.5 | 5.0 | 4.4 | 3.9 |
| 82.5° | 13.2 | 12.5 | 11.8 | 11.2 | 10.5 | 9.7 | 9.0 | 8.2 | 7.4 | 6.7 | 5.8 |
| 80° | 18.7 | 17.6 | 16.5 | 15.3 | 14.2 | 13.0 | 12.0 | 10.9 | 9.9 | 8.9 | 7.8 |
| 77.5° | 25.3 | 23.4 | 21.5 | 20.0 | 18.5 | 17.0 | 15.4 | 13.8 | 12.4 | 11.0 | 9.7 |
| 75° | 33.2 | 30.6 | 28.3 | 25.9 | 23.4 | 21.0 | 19.1 | 17.2 | 15.2 | 13.3 | 11.6 |
| 72.5° | 50.5 | 44.5 | 38.2 | 32.2 | 29.3 | 26.4 | 23.4 | 20.5 | 18.3 | 16.0 | 13.6 |
| 70° | 74.8 | 62.4 | 53.6 | 46.2 | 38.7 | 31.8 | 28.4 | 24.9 | 21.3 | 18.6 | 16.0 |
| 67.5° | 105.5 | 91.5 | 76.9 | 62.0 | 52.0 | 43.3 | 34.4 | 29.4 | 25.4 | 21.3 | 18.3 |
| 65° | 149.2 | 126.6 | 104.1 | 87.5 | 70.4 | 55.5 | 45.6 | 35.5 | 29.4 | 24.9 | 20.5 |
| 62.5° | 209.4 | 167.7 | 142.0 | 115.6 | 93.8 | 74.6 | 56.6 | 45.6 | 34.4 | 28.4 | 23.4 |
| 60° | 290.9 | 239.1 | 185.6 | 151.3 | 121.8 | 95.9 | 74.6 | 55.5 | 43.3 | 31.8 | 26.4 |
| 57.5° | 395.4 | 318.8 | 257.0 | 197.5 | 154.4 | 121.8 | 93.8 | 70.4 | 52.0 | 38.7 | 29.3 |
| 55° | 508.1 | 420.2 | 335.3 | 263.0 | 197.5 | 151.3 | 115.6 | 87.5 | 62.0 | 46.2 | 32.2 |
| 52.5° | 639.6 | 529.0 | 428.6 | 335.3 | 257.0 | 185.6 | 142.0 | 104.1 | 76.9 | 53.6 | 38.2 |
| 50° | 782.7 | 650.2 | 529.0 | 420.2 | 318.8 | 239.1 | 167.7 | 126.6 | 91.5 | 62.4 | 44.5 |
| 47.5° | 935.9 | 782.7 | 639.6 | 508.1 | 395.4 | 290.9 | 209.4 | 149.2 | 105.5 | 74.8 | 50.5 |
| 45° | 1102.5 | 922.7 | 756.6 | 608.0 | 469.5 | 354.3 | 255.2 | 171.0 | 124.9 | 86.8 | 56.3 |
| 42.5° | 1269.8 | 1071.6 | 883.2 | 704.7 | 555.7 | 420.0 | 299.3 | 208.2 | 143.7 | 98.4 | 64.4 |
| 40° | 1451.1 | 1222.8 | 1010.1 | 817.9 | 641.4 | 483.5 | 355.0 | 246.5 | 161.7 | 111.0 | 74.0 |
| 37.5° | 1627.5 | 1379.3 | 1145.4 | 926.3 | 727.9 | 558.7 | 409.9 | 282.9 | 183.2 | 126.1 | 83.2 |
| 35° | 1775.0 | 1536.9 | 1274.5 | 1038.5 | 823.1 | 630.2 | 462.1 | 322.3 | 214.1 | 140.5 | 91.8 |
| 32.5° | 1913.7 | 1680.4 | 1412.1 | 1151.8 | 913.2 | 697.7 | 518.7 | 366.8 | 243.3 | 154.0 | 100.0 |
| 30° | 1990.3 | 1802.4 | 1543.2 | 1258.5 | 1001.8 | 774.1 | 576.4 | 408.5 | 270.7 | 166.7 | 108.4 |
| 27.5° | 2045.4 | 1916.9 | 1662.5 | 1368.1 | 1093.4 | 846.4 | 630.2 | 447.3 | 296.1 | 182.5 | 118.6 |
| 25° | 2119.0 | 1980.6 | 1760.8 | 1473.0 | 1178.1 | 913.2 | 679.8 | 483.5 | 325.1 | 203.1 | 128.1 |
| 22.5° | 2241.8 | 2024.4 | 1851.1 | 1569.2 | 1255.8 | 974.5 | 730.1 | 524.3 | 354.3 | 222.0 | 136.7 |
| 20° | 2353.6 | 2064.1 | 1933.0 | 1654.2 | 1331.5 | 1038.5 | 780.2 | 561.2 | 380.6 | 239.1 | 144.4 |
| 17.5° | 2489.9 | 2126.7 | 1973.0 | 1721.4 | 1402.7 | 1095.6 | 824.8 | 594.0 | 404.0 | 254.2 | 151.3 |
| 15° | 2773.1 | 2207.8 | 2001.7 | 1780.2 | 1464.9 | 1145.4 | 863.7 | 622.6 | 424.4 | 267.4 | 157.3 |
| 12.5° | 3015.8 | 2277.1 | 2026.2 | 1830.4 | 1518.0 | 1187.9 | 896.9 | 647.0 | 441.8 | 278.6 | 162.4 |
| 10° | 3216.5 | 2334.4 | 2046.4 | 1871.8 | 1561.8 | 1222.8 | 924.1 | 667.0 | 456.1 | 287.8 | 166.6 |
| 7.5° | 3373.9 | 2379.3 | 2062.3 | 1904.2 | 1596.0 | 1250.2 | 945.5 | 682.7 | 467.2 | 295.0 | 169.9 |
| 5° | 3487.1 | 2411.6 | 2073.7 | 1927.4 | 1620.5 | 1269.8 | 960.7 | 693.9 | 475.2 | 300.2 | 172.2 |
| 2.5° | 3555.3 | 2431.0 | 2080.5 | 1941.4 | 1635.3 | 1281.6 | 969.9 | 700.6 | 480.0 | 303.3 | 173.6 |
| 0° | 3578.1 | 2437.5 | 2082.8 | 1946.1 | 1640.2 | 1285.5 | 973.0 | 702.9 | 481.6 | 304.3 | 174.1 |
| -2.5° | 3555.3 | 2431.0 | 2080.5 | 1941.4 | 1635.3 | 1281.6 | 969.9 | 700.6 | 480.0 | 303.3 | 173.6 |
| -5° | 3487.1 | 2411.6 | 2073.7 | 1927.4 | 1620.5 | 1269.8 | 960.7 | 693.9 | 475.2 | 300.2 | 172.2 |
| -7.5° | 3373.9 | 2379.3 | 2062.3 | 1904.2 | 1596.0 | 1250.2 | 945.5 | 682.7 | 467.2 | 295.0 | 169.9 |
| -10° | 3216.5 | 2334.4 | 2046.4 | 1871.8 | 1561.8 | 1222.8 | 924.1 | 667.0 | 456.1 | 287.8 | 166.6 |
| -12.5° | 3015.8 | 2277.1 | 2026.2 | 1830.4 | 1518.0 | 1187.9 | 896.9 | 647.0 | 441.8 | 278.6 | 162.4 |
| -15° | 2773.1 | 2207.8 | 2001.7 | 1780.2 | 1464.9 | 1145.4 | 863.7 | 622.6 | 424.4 | 267.4 | 157.3 |
| -17.5° | 2489.9 | 2126.7 | 1973.0 | 1721.4 | 1402.7 | 1095.6 | 824.8 | 594.0 | 404.0 | 254.2 | 151.3 |
| -20° | 2353.6 | 2064.1 | 1933.0 | 1654.2 | 1331.5 | 1038.5 | 780.2 | 561.2 | 380.6 | 239.1 | 144.4 |



REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| -22.5° | 2241.8 | 2024.4 | 1851.1 | 1569.2 | 1255.8 | 974.5 | 730.1 | 524.3 | 354.3 | 222.0 | 136.7 |
| -25° | 2119.0 | 1980.6 | 1760.8 | 1473.0 | 1178.1 | 913.2 | 679.8 | 483.5 | 325.1 | 203.1 | 128.1 |
| -27.5° | 2045.4 | 1916.9 | 1662.5 | 1368.1 | 1093.4 | 846.4 | 630.2 | 447.3 | 296.1 | 182.5 | 118.6 |
| -30° | 1990.3 | 1802.4 | 1543.2 | 1258.5 | 1001.8 | 774.1 | 576.4 | 408.5 | 270.7 | 166.7 | 108.4 |
| -32.5° | 1913.7 | 1680.4 | 1412.1 | 1151.8 | 913.2 | 697.7 | 518.7 | 366.8 | 243.3 | 154.0 | 100.0 |
| -35° | 1775.0 | 1536.9 | 1274.5 | 1038.5 | 823.1 | 630.2 | 462.1 | 322.3 | 214.1 | 140.5 | 91.8 |
| -37.5° | 1627.5 | 1379.3 | 1145.4 | 926.3 | 727.9 | 558.7 | 409.9 | 282.9 | 183.2 | 126.1 | 83.2 |
| -40° | 1451.1 | 1222.8 | 1010.1 | 817.9 | 641.4 | 483.5 | 355.0 | 246.5 | 161.7 | 111.0 | 74.0 |
| -42.5° | 1269.8 | 1071.6 | 883.2 | 704.7 | 555.7 | 420.0 | 299.3 | 208.2 | 143.7 | 98.4 | 64.4 |
| -45° | 1102.5 | 922.7 | 756.6 | 608.0 | 469.5 | 354.3 | 255.2 | 171.0 | 124.9 | 86.8 | 56.3 |
| -47.5° | 935.9 | 782.7 | 639.6 | 508.1 | 395.4 | 290.9 | 209.4 | 149.2 | 105.5 | 74.8 | 50.5 |
| -50° | 782.7 | 650.2 | 529.0 | 420.2 | 318.8 | 239.1 | 167.7 | 126.6 | 91.5 | 62.4 | 44.5 |
| -52.5° | 639.6 | 529.0 | 428.6 | 335.3 | 257.0 | 185.6 | 142.0 | 104.1 | 76.9 | 53.6 | 38.2 |
| -55° | 508.1 | 420.2 | 335.3 | 263.0 | 197.5 | 151.3 | 115.6 | 87.5 | 62.0 | 46.2 | 32.2 |
| -57.5° | 395.4 | 318.8 | 257.0 | 197.5 | 154.4 | 121.8 | 93.8 | 70.4 | 52.0 | 38.7 | 29.3 |
| -60° | 290.9 | 239.1 | 185.6 | 151.3 | 121.8 | 95.9 | 74.6 | 55.5 | 43.3 | 31.8 | 26.4 |
| -62.5° | 209.4 | 167.7 | 142.0 | 115.6 | 93.8 | 74.6 | 56.6 | 45.6 | 34.4 | 28.4 | 23.4 |
| -65° | 149.2 | 126.6 | 104.1 | 87.5 | 70.4 | 55.5 | 45.6 | 35.5 | 29.4 | 24.9 | 20.5 |
| -67.5° | 105.5 | 91.5 | 76.9 | 62.0 | 52.0 | 43.3 | 34.4 | 29.4 | 25.4 | 21.3 | 18.3 |
| -70° | 74.8 | 62.4 | 53.6 | 46.2 | 38.7 | 31.8 | 28.4 | 24.9 | 21.3 | 18.6 | 16.0 |
| -72.5° | 50.5 | 44.5 | 38.2 | 32.2 | 29.3 | 26.4 | 23.4 | 20.5 | 18.3 | 16.0 | 13.6 |
| -75° | 33.2 | 30.6 | 28.3 | 25.9 | 23.4 | 21.0 | 19.1 | 17.2 | 15.2 | 13.3 | 11.6 |
| -77.5° | 25.3 | 23.4 | 21.5 | 20.0 | 18.5 | 17.0 | 15.4 | 13.8 | 12.4 | 11.0 | 9.7 |
| -80° | 18.7 | 17.6 | 16.5 | 15.3 | 14.2 | 13.0 | 12.0 | 10.9 | 9.9 | 8.9 | 7.8 |
| -82.5° | 13.2 | 12.5 | 11.8 | 11.2 | 10.5 | 9.7 | 9.0 | 8.2 | 7.4 | 6.7 | 5.8 |
| -85° | 8.8 | 8.4 | 7.9 | 7.5 | 7.0 | 6.5 | 6.0 | 5.5 | 5.0 | 4.4 | 3.9 |
| -87.5° | 4.4 | 4.2 | 4.0 | 3.7 | 3.5 | 3.2 | 3.0 | 2.7 | 2.5 | 2.2 | 2.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

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° | 1.7 | 1.4 | 1.1 | 0.8 | 0.6 | 0.3 | 0.0 |
| 85° | 3.4 | 2.8 | 2.3 | 1.7 | 1.1 | 0.6 | 0.0 |
| 82.5° | 5.0 | 4.2 | 3.4 | 2.5 | 1.7 | 0.8 | 0.0 |
| 80° | 6.7 | 5.6 | 4.5 | 3.4 | 2.3 | 1.1 | 0.0 |
| 77.5° | 8.3 | 7.0 | 5.6 | 4.2 | 2.8 | 1.4 | 0.0 |
| 75° | 10.0 | 8.3 | 6.7 | 5.0 | 3.4 | 1.7 | 0.0 |
| 72.5° | 11.6 | 9.7 | 7.8 | 5.8 | 3.9 | 2.0 | 0.0 |
| 70° | 13.3 | 11.0 | 8.9 | 6.7 | 4.4 | 2.2 | 0.0 |
| 67.5° | 15.2 | 12.4 | 9.9 | 7.4 | 5.0 | 2.5 | 0.0 |
| 65° | 17.2 | 13.8 | 10.9 | 8.2 | 5.5 | 2.7 | 0.0 |
| 62.5° | 19.1 | 15.4 | 12.0 | 9.0 | 6.0 | 3.0 | 0.0 |
| 60° | 21.0 | 17.0 | 13.0 | 9.7 | 6.5 | 3.2 | 0.0 |
| 57.5° | 23.4 | 18.5 | 14.2 | 10.5 | 7.0 | 3.5 | 0.0 |
| 55° | 25.9 | 20.0 | 15.3 | 11.2 | 7.5 | 3.7 | 0.0 |
| 52.5° | 28.3 | 21.5 | 16.5 | 11.8 | 7.9 | 4.0 | 0.0 |
| 50° | 30.6 | 23.4 | 17.6 | 12.5 | 8.4 | 4.2 | 0.0 |
| 47.5° | 33.2 | 25.3 | 18.7 | 13.2 | 8.8 | 4.4 | 0.0 |
| 45° | 38.2 | 27.1 | 19.7 | 14.0 | 9.2 | 4.6 | 0.0 |
| 42.5° | 42.9 | 28.8 | 20.7 | 14.7 | 9.6 | 4.8 | 0.0 |
| 40° | 47.5 | 30.4 | 21.9 | 15.4 | 10.0 | 5.0 | 0.0 |
| 37.5° | 51.8 | 32.0 | 23.1 | 16.1 | 10.3 | 5.2 | 0.0 |
| 35° | 55.9 | 34.7 | 24.3 | 16.7 | 10.6 | 5.3 | 0.0 |
| 32.5° | 60.6 | 37.9 | 25.4 | 17.3 | 11.0 | 5.5 | 0.0 |
| 30° | 67.1 | 40.9 | 26.4 | 17.9 | 11.3 | 5.6 | 0.0 |
| 27.5° | 73.2 | 43.7 | 27.3 | 18.4 | 11.5 | 5.8 | 0.0 |
| 25° | 78.7 | 46.2 | 28.2 | 18.9 | 11.8 | 5.9 | 0.0 |
| 22.5° | 83.8 | 48.5 | 29.0 | 19.3 | 12.0 | 6.0 | 0.0 |
| 20° | 88.4 | 50.6 | 29.7 | 19.7 | 12.2 | 6.1 | 0.0 |
| 17.5° | 92.4 | 52.5 | 30.4 | 20.1 | 12.4 | 6.2 | 0.0 |
| 15° | 95.9 | 54.1 | 30.9 | 20.4 | 12.6 | 6.3 | 0.0 |
| 12.5° | 98.9 | 55.5 | 31.4 | 20.6 | 12.7 | 6.3 | 0.0 |
| 10° | 101.4 | 56.6 | 31.8 | 20.8 | 12.8 | 6.4 | 0.0 |
| 7.5° | 103.3 | 57.5 | 32.1 | 21.0 | 12.9 | 6.4 | 0.0 |
| 5° | 104.7 | 58.1 | 32.3 | 21.1 | 13.0 | 6.5 | 0.0 |
| 2.5° | 105.5 | 58.5 | 32.5 | 21.2 | 13.0 | 6.5 | 0.0 |
| 0° | 105.8 | 58.6 | 32.5 | 21.2 | 13.0 | 6.5 | 0.0 |
| -2.5° | 105.5 | 58.5 | 32.5 | 21.2 | 13.0 | 6.5 | 0.0 |
| -5° | 104.7 | 58.1 | 32.3 | 21.1 | 13.0 | 6.5 | 0.0 |
| -7.5° | 103.3 | 57.5 | 32.1 | 21.0 | 12.9 | 6.4 | 0.0 |
| -10° | 101.4 | 56.6 | 31.8 | 20.8 | 12.8 | 6.4 | 0.0 |
| -12.5° | 98.9 | 55.5 | 31.4 | 20.6 | 12.7 | 6.3 | 0.0 |
| -15° | 95.9 | 54.1 | 30.9 | 20.4 | 12.6 | 6.3 | 0.0 |
| -17.5° | 92.4 | 52.5 | 30.4 | 20.1 | 12.4 | 6.2 | 0.0 |
| -20° | 88.4 | 50.6 | 29.7 | 19.7 | 12.2 | 6.1 | 0.0 |



REPORT NUMBER: P1305381 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-5S-HEG-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 83.8 | 48.5 | 29.0 | 19.3 | 12.0 | 6.0 | 0.0 |
| -25° | 78.7 | 46.2 | 28.2 | 18.9 | 11.8 | 5.9 | 0.0 |
| -27.5° | 73.2 | 43.7 | 27.3 | 18.4 | 11.5 | 5.8 | 0.0 |
| -30° | 67.1 | 40.9 | 26.4 | 17.9 | 11.3 | 5.6 | 0.0 |
| -32.5° | 60.6 | 37.9 | 25.4 | 17.3 | 11.0 | 5.5 | 0.0 |
| -35° | 55.9 | 34.7 | 24.3 | 16.7 | 10.6 | 5.3 | 0.0 |
| -37.5° | 51.8 | 32.0 | 23.1 | 16.1 | 10.3 | 5.2 | 0.0 |
| -40° | 47.5 | 30.4 | 21.9 | 15.4 | 10.0 | 5.0 | 0.0 |
| -42.5° | 42.9 | 28.8 | 20.7 | 14.7 | 9.6 | 4.8 | 0.0 |
| -45° | 38.2 | 27.1 | 19.7 | 14.0 | 9.2 | 4.6 | 0.0 |
| -47.5° | 33.2 | 25.3 | 18.7 | 13.2 | 8.8 | 4.4 | 0.0 |
| -50° | 30.6 | 23.4 | 17.6 | 12.5 | 8.4 | 4.2 | 0.0 |
| -52.5° | 28.3 | 21.5 | 16.5 | 11.8 | 7.9 | 4.0 | 0.0 |
| -55° | 25.9 | 20.0 | 15.3 | 11.2 | 7.5 | 3.7 | 0.0 |
| -57.5° | 23.4 | 18.5 | 14.2 | 10.5 | 7.0 | 3.5 | 0.0 |
| -60° | 21.0 | 17.0 | 13.0 | 9.7 | 6.5 | 3.2 | 0.0 |
| -62.5° | 19.1 | 15.4 | 12.0 | 9.0 | 6.0 | 3.0 | 0.0 |
| -65° | 17.2 | 13.8 | 10.9 | 8.2 | 5.5 | 2.7 | 0.0 |
| -67.5° | 15.2 | 12.4 | 9.9 | 7.4 | 5.0 | 2.5 | 0.0 |
| -70° | 13.3 | 11.0 | 8.9 | 6.7 | 4.4 | 2.2 | 0.0 |
| -72.5° | 11.6 | 9.7 | 7.8 | 5.8 | 3.9 | 2.0 | 0.0 |
| -75° | 10.0 | 8.3 | 6.7 | 5.0 | 3.4 | 1.7 | 0.0 |
| -77.5° | 8.3 | 7.0 | 5.6 | 4.2 | 2.8 | 1.4 | 0.0 |
| -80° | 6.7 | 5.6 | 4.5 | 3.4 | 2.3 | 1.1 | 0.0 |
| -82.5° | 5.0 | 4.2 | 3.4 | 2.5 | 1.7 | 0.8 | 0.0 |
| -85° | 3.4 | 2.8 | 2.3 | 1.7 | 1.1 | 0.6 | 0.0 |
| -87.5° | 1.7 | 1.4 | 1.1 | 0.8 | 0.6 | 0.3 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)