

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: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0640L-57-70-3S-HEG-S**

Issue Date: 8/15/2023

Test Information

Test Method: LM-79-08
Report Number: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-3)
Test Lab: INNOVATION CENTER
Issue Date: 8/15/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08-0640L-57-70-3S-HEG-S
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 3S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

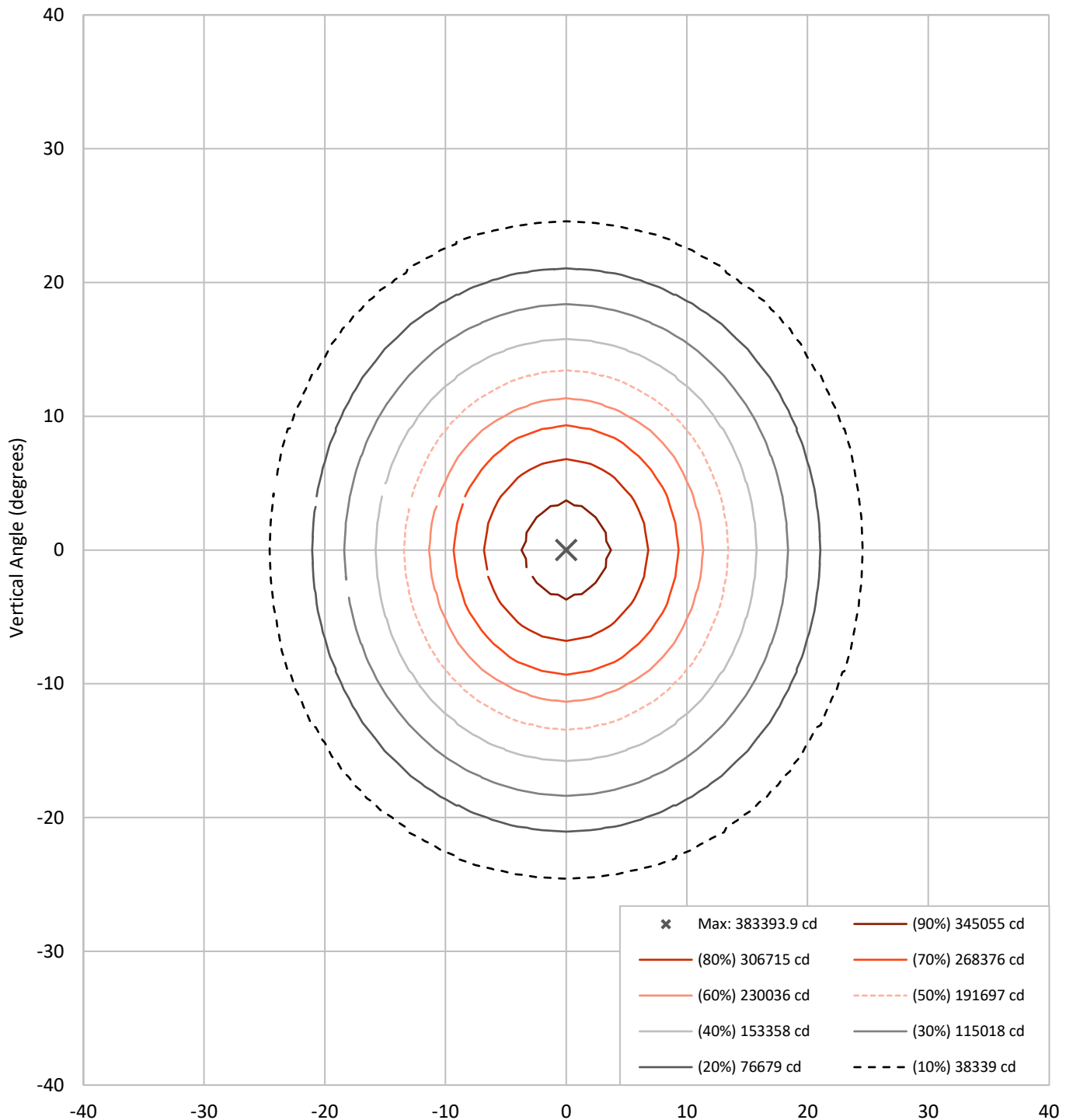
Summary

| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 103549.6 lumens | Max Intensity: | 383393.9 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 157.4 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 26.9°H x 26.9°V | Field Angle (10%): | 48.9°H x 48.9°V |
| Beam Lumens: | 44897.5 lumens | Field Lumens: | 85956.3 lumens |
| Beam Efficiency: | 43.4% | Field Efficiency: | 83.0% |

Input Watts (W): 658
Input Voltage (V): NR
Input Current (A_{in}): 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: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-HEG-S

Iso-Candela Plot





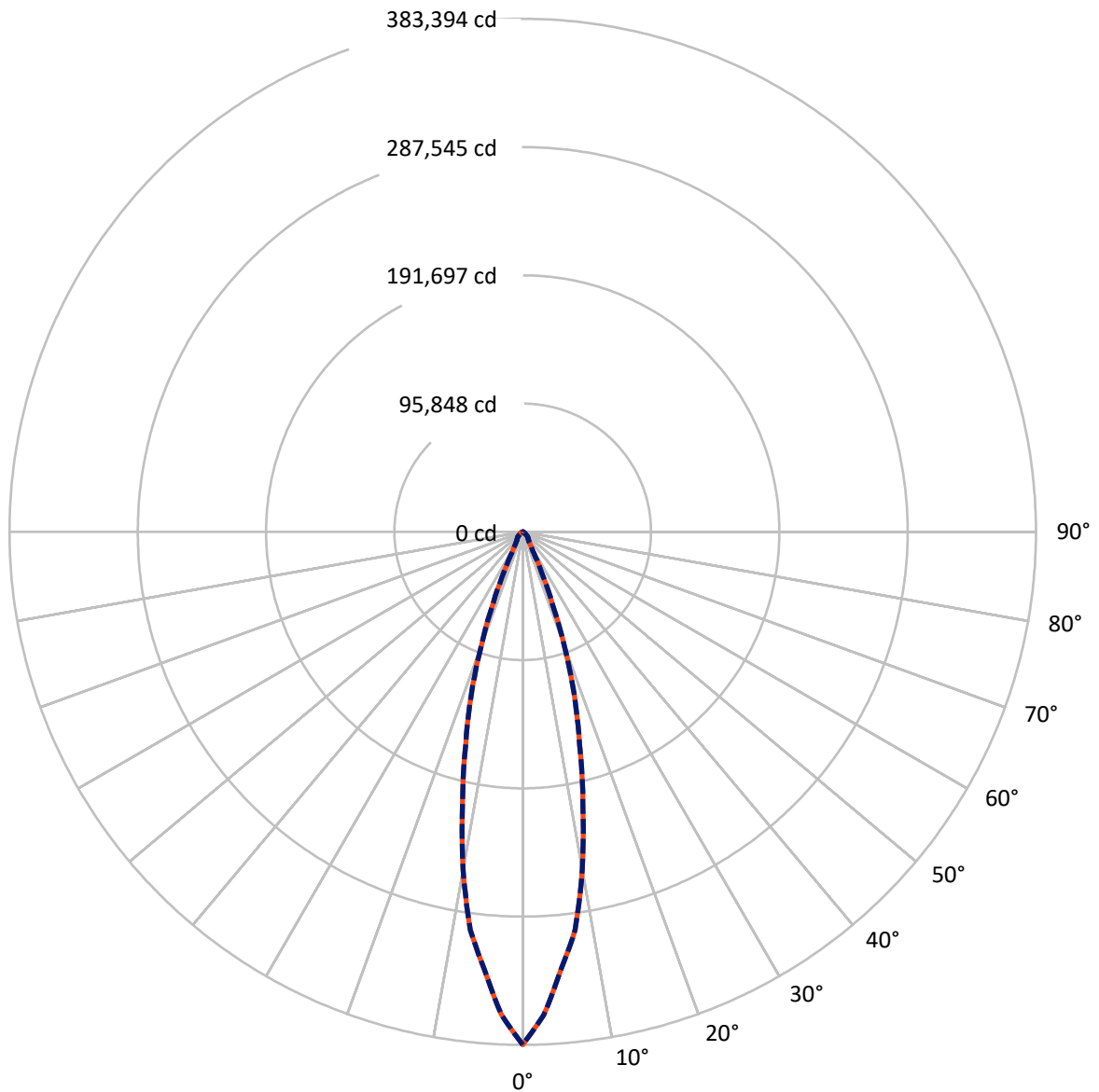
REPORT NUMBER: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-HEG-S

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|------|------|-------|-------|-------|--------|--------|--------|--------|-------|-------|-------|------|------|-----|
| 90 | | | | | | | | | | | | | | | | |
| 80 | 0.1 | 0.9 | | 3.6 | | 9.4 | | 12.5 | | 9.4 | | 3.6 | | 0.9 | | 0.1 |
| 70 | | | | | | | | | | | | | | | | |
| 60 | 0.4 | 0.5 | 2.3 | 6.9 | 13.5 | 20.5 | 26.3 | 29.5 | 29.5 | 26.3 | 20.5 | 13.5 | 6.9 | 2.3 | 0.5 | 0.4 |
| 50 | | 1.7 | 8.0 | 18.9 | 32.4 | 46.2 | 57.3 | 63.3 | 63.3 | 57.3 | 46.2 | 32.4 | 18.9 | 8.0 | 1.7 | |
| 40 | 1.2 | 4.3 | 15.4 | 32.8 | 54.2 | 85.4 | 122.2 | 143.4 | 143.4 | 122.2 | 85.4 | 54.2 | 32.8 | 15.4 | 4.3 | 1.2 |
| 30 | | 7.2 | 22.9 | 46.9 | 95.7 | 157.6 | 202.8 | 238.2 | 238.2 | 202.8 | 157.6 | 95.7 | 46.9 | 22.9 | 7.2 | |
| 20 | 2.8 | 9.9 | 29.6 | 67.2 | 142.7 | 225.9 | 522.4 | 1074.4 | 1074.4 | 522.4 | 225.9 | 142.7 | 67.2 | 29.6 | 9.9 | 2.8 |
| 10 | | 11.9 | 34.4 | 90.5 | 172.5 | 493.1 | 2285.4 | 4576.5 | 4576.5 | 2285.4 | 493.1 | 172.5 | 90.5 | 34.4 | 11.9 | |
| 0 | 3.5 | 12.9 | 36.8 | 102.8 | 196.9 | 989.0 | 4451.3 | 8778.8 | 8778.8 | 4451.3 | 989.0 | 196.9 | 102.8 | 36.8 | 12.9 | 3.5 |
| -10 | | 12.9 | 36.8 | 102.8 | 196.9 | 989.0 | 4451.3 | 8778.8 | 8778.8 | 4451.3 | 989.0 | 196.9 | 102.8 | 36.8 | 12.9 | |
| -20 | 2.8 | 11.9 | 34.4 | 90.5 | 172.5 | 493.1 | 2285.4 | 4576.5 | 4576.5 | 2285.4 | 493.1 | 172.5 | 90.5 | 34.4 | 11.9 | 2.8 |
| -30 | | 9.9 | 29.6 | 67.2 | 142.7 | 225.9 | 522.4 | 1074.4 | 1074.4 | 522.4 | 225.9 | 142.7 | 67.2 | 29.6 | 9.9 | |
| -40 | 1.2 | 7.2 | 22.9 | 46.9 | 95.7 | 157.6 | 202.8 | 238.2 | 238.2 | 202.8 | 157.6 | 95.7 | 46.9 | 22.9 | 7.2 | 1.2 |
| -50 | | 4.3 | 15.4 | 32.8 | 54.2 | 85.4 | 122.2 | 143.4 | 143.4 | 122.2 | 85.4 | 54.2 | 32.8 | 15.4 | 4.3 | |
| -60 | 0.4 | 1.7 | 8.0 | 18.9 | 32.4 | 46.2 | 57.3 | 63.3 | 63.3 | 57.3 | 46.2 | 32.4 | 18.9 | 8.0 | 1.7 | 0.4 |
| -70 | | 0.5 | 2.3 | 6.9 | 13.5 | 20.5 | 26.3 | 29.5 | 29.5 | 26.3 | 20.5 | 13.5 | 6.9 | 2.3 | 0.5 | |
| -80 | | | | | | | | | | | | | | | | |
| -90 | 0.1 | 0.9 | | 3.6 | | 9.4 | | 12.5 | | 9.4 | | 3.6 | | 0.9 | | 0.1 |

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CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-HEG-S

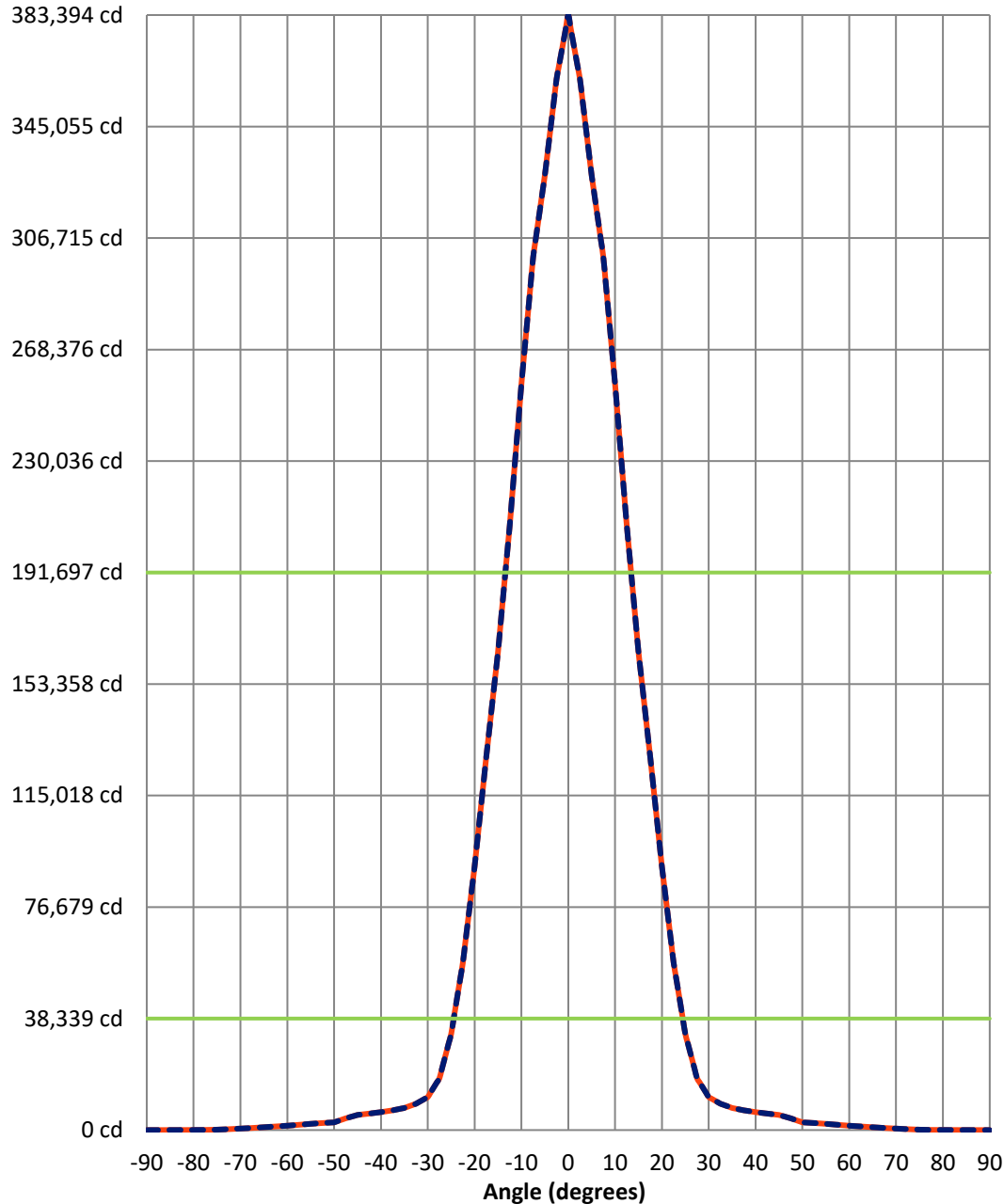
Luminous Intensity Polar Plot



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

REPORT NUMBER: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
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Luminous Intensity Plot



Beam:
 H Angle: 26.9°
 V Angle: 26.9°
 Lumens: 44897.5
 Efficiency: 43.4%

Field:
 H Angle: 48.9°
 V Angle: 48.9°
 Lumens: 85956.3
 Efficiency: 83.0%

Spill:
 Lumens: 17593.3
 Efficiency: 17.0%

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



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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 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 |
| 85° | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 5.9 |
| 82.5° | 0.0 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 | 5.4 | 6.3 | 7.1 | 7.8 | 8.4 |
| 80° | 0.0 | 1.2 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 | 8.0 | 8.9 | 9.7 | 10.6 |
| 77.5° | 0.0 | 1.5 | 3.0 | 4.5 | 6.0 | 7.4 | 8.5 | 9.6 | 10.6 | 11.7 | 13.1 |
| 75° | 0.0 | 1.8 | 3.6 | 5.4 | 7.2 | 8.5 | 9.8 | 11.1 | 12.5 | 14.6 | 16.7 |
| 72.5° | 0.0 | 2.1 | 4.2 | 6.3 | 8.0 | 9.6 | 11.1 | 12.9 | 15.3 | 17.8 | 20.2 |
| 70° | 0.0 | 2.4 | 4.8 | 7.1 | 8.9 | 10.6 | 12.5 | 15.3 | 18.2 | 21.0 | 24.9 |
| 67.5° | 0.0 | 2.7 | 5.4 | 7.8 | 9.7 | 11.7 | 14.6 | 17.8 | 21.0 | 25.4 | 29.7 |
| 65° | 0.0 | 3.0 | 5.9 | 8.4 | 10.6 | 13.1 | 16.7 | 20.2 | 24.9 | 29.7 | 35.9 |
| 62.5° | 0.0 | 3.2 | 6.5 | 9.0 | 11.4 | 14.8 | 18.7 | 23.2 | 28.6 | 34.8 | 45.3 |
| 60° | 0.0 | 3.5 | 7.0 | 9.6 | 12.2 | 16.4 | 20.7 | 26.5 | 32.4 | 43.2 | 54.6 |
| 57.5° | 0.0 | 3.8 | 7.4 | 10.2 | 13.4 | 18.0 | 23.3 | 29.7 | 38.9 | 51.3 | 78.4 |
| 55° | 0.0 | 4.0 | 7.8 | 10.7 | 14.7 | 19.6 | 26.0 | 32.8 | 45.9 | 63.5 | 108.6 |
| 52.5° | 0.0 | 4.3 | 8.1 | 11.3 | 15.9 | 21.2 | 28.5 | 38.4 | 52.8 | 90.0 | 138.0 |
| 50° | 0.0 | 4.5 | 8.5 | 11.8 | 17.1 | 23.3 | 31.0 | 44.3 | 64.2 | 115.7 | 191.6 |
| 47.5° | 0.0 | 4.7 | 8.8 | 12.4 | 18.2 | 25.3 | 33.8 | 49.9 | 86.3 | 140.5 | 246.4 |
| 45° | 0.0 | 4.9 | 9.1 | 13.2 | 19.3 | 27.3 | 38.4 | 55.3 | 107.5 | 187.5 | 299.3 |
| 42.5° | 0.0 | 5.2 | 9.5 | 14.0 | 20.4 | 29.1 | 42.9 | 67.8 | 127.9 | 233.1 | 361.5 |
| 40° | 0.0 | 5.4 | 9.8 | 14.8 | 21.6 | 30.9 | 47.1 | 84.9 | 153.6 | 276.7 | 422.9 |
| 37.5° | 0.0 | 5.6 | 10.0 | 15.5 | 22.9 | 32.6 | 51.1 | 101.0 | 190.4 | 321.3 | 481.5 |
| 35° | 0.0 | 5.7 | 10.3 | 16.2 | 24.2 | 35.2 | 55.0 | 116.4 | 225.2 | 371.0 | 536.5 |
| 32.5° | 0.0 | 5.9 | 10.6 | 16.8 | 25.4 | 38.2 | 61.1 | 130.8 | 258.1 | 417.9 | 587.6 |
| 30° | 0.0 | 6.1 | 10.8 | 17.4 | 26.5 | 40.9 | 72.6 | 147.4 | 288.8 | 461.8 | 635.6 |
| 27.5° | 0.0 | 6.2 | 11.0 | 17.9 | 27.5 | 43.5 | 83.3 | 172.2 | 320.1 | 502.7 | 680.2 |
| 25° | 0.0 | 6.3 | 11.2 | 18.4 | 28.5 | 45.9 | 93.2 | 195.1 | 353.4 | 539.7 | 721.8 |
| 22.5° | 0.0 | 6.5 | 11.4 | 18.9 | 29.4 | 48.1 | 102.1 | 215.9 | 383.7 | 573.3 | 769.4 |
| 20° | 0.0 | 6.6 | 11.6 | 19.3 | 30.1 | 50.0 | 110.2 | 234.7 | 411.0 | 603.5 | 812.3 |
| 17.5° | 0.0 | 6.7 | 11.7 | 19.7 | 30.8 | 51.8 | 117.4 | 251.4 | 435.3 | 630.4 | 850.6 |
| 15° | 0.0 | 6.8 | 11.8 | 20.0 | 31.4 | 53.3 | 123.6 | 266.0 | 456.5 | 653.9 | 883.9 |
| 12.5° | 0.0 | 6.8 | 12.0 | 20.3 | 31.9 | 54.6 | 128.9 | 278.4 | 474.5 | 673.8 | 912.3 |
| 10° | 0.0 | 6.9 | 12.0 | 20.5 | 32.4 | 55.6 | 133.3 | 288.5 | 489.3 | 690.2 | 935.7 |
| 7.5° | 0.0 | 6.9 | 12.1 | 20.7 | 32.7 | 56.4 | 136.7 | 296.5 | 500.9 | 703.1 | 953.9 |
| 5° | 0.0 | 7.0 | 12.2 | 20.8 | 32.9 | 57.0 | 139.1 | 302.1 | 509.2 | 712.2 | 967.0 |
| 2.5° | 0.0 | 7.0 | 12.2 | 20.9 | 33.1 | 57.4 | 140.6 | 305.6 | 514.1 | 717.8 | 974.9 |
| 0° | 0.0 | 7.0 | 12.2 | 20.9 | 33.1 | 57.4 | 140.6 | 305.6 | 514.1 | 717.8 | 974.9 |
| -2.5° | 0.0 | 7.0 | 12.2 | 20.9 | 33.1 | 57.4 | 140.6 | 305.6 | 514.1 | 717.8 | 974.9 |
| -5° | 0.0 | 7.0 | 12.2 | 20.8 | 32.9 | 57.0 | 139.1 | 302.1 | 509.2 | 712.2 | 967.0 |
| -7.5° | 0.0 | 6.9 | 12.1 | 20.7 | 32.7 | 56.4 | 136.7 | 296.5 | 500.9 | 703.1 | 953.9 |
| -10° | 0.0 | 6.9 | 12.0 | 20.5 | 32.4 | 55.6 | 133.3 | 288.5 | 489.3 | 690.2 | 935.7 |
| -12.5° | 0.0 | 6.8 | 12.0 | 20.3 | 31.9 | 54.6 | 128.9 | 278.4 | 474.5 | 673.8 | 912.3 |
| -15° | 0.0 | 6.8 | 11.8 | 20.0 | 31.4 | 53.3 | 123.6 | 266.0 | 456.5 | 653.9 | 883.9 |
| -17.5° | 0.0 | 6.7 | 11.7 | 19.7 | 30.8 | 51.8 | 117.4 | 251.4 | 435.3 | 630.4 | 850.6 |
| -20° | 0.0 | 6.6 | 11.6 | 19.3 | 30.1 | 50.0 | 110.2 | 234.7 | 411.0 | 603.5 | 812.3 |



REPORT NUMBER: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-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 | 6.5 | 11.4 | 18.9 | 29.4 | 48.1 | 102.1 | 215.9 | 383.7 | 573.3 | 769.4 |
| -25° | 0.0 | 6.3 | 11.2 | 18.4 | 28.5 | 45.9 | 93.2 | 195.1 | 353.4 | 539.7 | 721.8 |
| -27.5° | 0.0 | 6.2 | 11.0 | 17.9 | 27.5 | 43.5 | 83.3 | 172.2 | 320.1 | 502.7 | 680.2 |
| -30° | 0.0 | 6.1 | 10.8 | 17.4 | 26.5 | 40.9 | 72.6 | 147.4 | 288.8 | 461.8 | 635.6 |
| -32.5° | 0.0 | 5.9 | 10.6 | 16.8 | 25.4 | 38.2 | 61.1 | 130.8 | 258.1 | 417.9 | 587.6 |
| -35° | 0.0 | 5.7 | 10.3 | 16.2 | 24.2 | 35.2 | 55.0 | 116.4 | 225.2 | 371.0 | 536.5 |
| -37.5° | 0.0 | 5.6 | 10.0 | 15.5 | 22.9 | 32.6 | 51.1 | 101.0 | 190.4 | 321.3 | 481.5 |
| -40° | 0.0 | 5.4 | 9.8 | 14.8 | 21.6 | 30.9 | 47.1 | 84.9 | 153.6 | 276.7 | 422.9 |
| -42.5° | 0.0 | 5.2 | 9.5 | 14.0 | 20.4 | 29.1 | 42.9 | 67.8 | 127.9 | 233.1 | 361.5 |
| -45° | 0.0 | 4.9 | 9.1 | 13.2 | 19.3 | 27.3 | 38.4 | 55.3 | 107.5 | 187.5 | 299.3 |
| -47.5° | 0.0 | 4.7 | 8.8 | 12.4 | 18.2 | 25.3 | 33.8 | 49.9 | 86.3 | 140.5 | 246.4 |
| -50° | 0.0 | 4.5 | 8.5 | 11.8 | 17.1 | 23.3 | 31.0 | 44.3 | 64.2 | 115.7 | 191.6 |
| -52.5° | 0.0 | 4.3 | 8.1 | 11.3 | 15.9 | 21.2 | 28.5 | 38.4 | 52.8 | 90.0 | 138.0 |
| -55° | 0.0 | 4.0 | 7.8 | 10.7 | 14.7 | 19.6 | 26.0 | 32.8 | 45.9 | 63.5 | 108.6 |
| -57.5° | 0.0 | 3.8 | 7.4 | 10.2 | 13.4 | 18.0 | 23.3 | 29.7 | 38.9 | 51.3 | 78.4 |
| -60° | 0.0 | 3.5 | 7.0 | 9.6 | 12.2 | 16.4 | 20.7 | 26.5 | 32.4 | 43.2 | 54.6 |
| -62.5° | 0.0 | 3.2 | 6.5 | 9.0 | 11.4 | 14.8 | 18.7 | 23.2 | 28.6 | 34.8 | 45.3 |
| -65° | 0.0 | 3.0 | 5.9 | 8.4 | 10.6 | 13.1 | 16.7 | 20.2 | 24.9 | 29.7 | 35.9 |
| -67.5° | 0.0 | 2.7 | 5.4 | 7.8 | 9.7 | 11.7 | 14.6 | 17.8 | 21.0 | 25.4 | 29.7 |
| -70° | 0.0 | 2.4 | 4.8 | 7.1 | 8.9 | 10.6 | 12.5 | 15.3 | 18.2 | 21.0 | 24.9 |
| -72.5° | 0.0 | 2.1 | 4.2 | 6.3 | 8.0 | 9.6 | 11.1 | 12.9 | 15.3 | 17.8 | 20.2 |
| -75° | 0.0 | 1.8 | 3.6 | 5.4 | 7.2 | 8.5 | 9.8 | 11.1 | 12.5 | 14.6 | 16.7 |
| -77.5° | 0.0 | 1.5 | 3.0 | 4.5 | 6.0 | 7.4 | 8.5 | 9.6 | 10.6 | 11.7 | 13.1 |
| -80° | 0.0 | 1.2 | 2.4 | 3.6 | 4.8 | 6.0 | 7.2 | 8.0 | 8.9 | 9.7 | 10.6 |
| -82.5° | 0.0 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 | 5.4 | 6.3 | 7.1 | 7.8 | 8.4 |
| -85° | 0.0 | 0.6 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 5.9 |
| -87.5° | 0.0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 |
| -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-08-0640L-57-70-3S-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° | 3.2 | 3.5 | 3.8 | 4.0 | 4.3 | 4.5 | 4.7 | 4.9 | 5.2 | 5.4 | 5.6 |
| 85° | 6.5 | 7.0 | 7.4 | 7.8 | 8.1 | 8.5 | 8.8 | 9.1 | 9.5 | 9.8 | 10.0 |
| 82.5° | 9.0 | 9.6 | 10.2 | 10.7 | 11.3 | 11.8 | 12.4 | 13.2 | 14.0 | 14.8 | 15.5 |
| 80° | 11.4 | 12.2 | 13.4 | 14.7 | 15.9 | 17.1 | 18.2 | 19.3 | 20.4 | 21.6 | 22.9 |
| 77.5° | 14.8 | 16.4 | 18.0 | 19.6 | 21.2 | 23.3 | 25.3 | 27.3 | 29.1 | 30.9 | 32.6 |
| 75° | 18.7 | 20.7 | 23.3 | 26.0 | 28.5 | 31.0 | 33.8 | 38.4 | 42.9 | 47.1 | 51.1 |
| 72.5° | 23.2 | 26.5 | 29.7 | 32.8 | 38.4 | 44.3 | 49.9 | 55.3 | 67.8 | 84.9 | 101.0 |
| 70° | 28.6 | 32.4 | 38.9 | 45.9 | 52.8 | 64.2 | 86.3 | 107.5 | 127.9 | 153.6 | 190.4 |
| 67.5° | 34.8 | 43.2 | 51.3 | 63.5 | 90.0 | 115.7 | 140.5 | 187.5 | 233.1 | 276.7 | 321.3 |
| 65° | 45.3 | 54.6 | 78.4 | 108.6 | 138.0 | 191.6 | 246.4 | 299.3 | 361.5 | 422.9 | 481.5 |
| 62.5° | 55.7 | 85.9 | 119.9 | 164.8 | 228.9 | 291.2 | 363.3 | 436.9 | 507.7 | 574.1 | 637.2 |
| 60° | 85.9 | 123.6 | 179.8 | 251.4 | 325.2 | 411.0 | 494.3 | 573.3 | 648.8 | 721.8 | 809.4 |
| 57.5° | 119.9 | 179.8 | 259.0 | 344.3 | 439.9 | 532.5 | 620.5 | 705.7 | 805.9 | 905.8 | 1001.8 |
| 55° | 164.8 | 251.4 | 344.3 | 449.5 | 551.4 | 649.1 | 750.5 | 866.9 | 979.3 | 1089.5 | 1195.1 |
| 52.5° | 228.9 | 325.2 | 439.9 | 551.4 | 658.6 | 774.9 | 903.7 | 1029.8 | 1153.1 | 1271.0 | 1381.9 |
| 50° | 291.2 | 411.0 | 532.5 | 649.1 | 774.9 | 916.1 | 1055.2 | 1191.6 | 1321.4 | 1445.3 | 1580.6 |
| 47.5° | 363.3 | 494.3 | 620.5 | 750.5 | 903.7 | 1055.2 | 1204.4 | 1346.8 | 1483.8 | 1644.8 | 1802.5 |
| 45° | 436.9 | 573.3 | 705.7 | 866.9 | 1029.8 | 1191.6 | 1346.8 | 1496.7 | 1677.1 | 1853.3 | 2028.9 |
| 42.5° | 507.7 | 648.8 | 805.9 | 979.3 | 1153.1 | 1321.4 | 1483.8 | 1677.1 | 1870.5 | 2063.8 | 2232.7 |
| 40° | 574.1 | 721.8 | 905.8 | 1089.5 | 1271.0 | 1445.3 | 1644.8 | 1853.3 | 2063.8 | 2247.5 | 2412.1 |
| 37.5° | 637.2 | 809.4 | 1001.8 | 1195.1 | 1381.9 | 1580.6 | 1802.5 | 2028.9 | 2232.7 | 2412.1 | 2557.8 |
| 35° | 697.2 | 892.7 | 1094.5 | 1294.3 | 1487.7 | 1721.5 | 1959.7 | 2188.5 | 2382.0 | 2545.0 | 2946.1 |
| 32.5° | 762.9 | 971.5 | 1182.3 | 1387.1 | 1609.9 | 1857.4 | 2109.9 | 2322.2 | 2506.8 | 2786.2 | 3765.4 |
| 30° | 830.1 | 1046.8 | 1264.2 | 1474.6 | 1727.2 | 1989.4 | 2233.9 | 2444.1 | 2619.3 | 3520.9 | 4459.7 |
| 27.5° | 892.7 | 1117.2 | 1339.2 | 1570.5 | 1838.0 | 2113.3 | 2344.9 | 2543.0 | 3119.0 | 4185.8 | 5071.2 |
| 25° | 950.6 | 1182.3 | 1408.7 | 1664.3 | 1944.4 | 2214.4 | 2443.5 | 2635.3 | 3726.3 | 4722.7 | 5381.5 |
| 22.5° | 1004.0 | 1241.9 | 1472.3 | 1750.4 | 2042.1 | 2302.5 | 2522.6 | 3089.8 | 4245.8 | 5207.2 | 5600.9 |
| 20° | 1052.8 | 1294.3 | 1537.9 | 1829.1 | 2130.8 | 2382.6 | 2594.5 | 3565.8 | 4669.3 | 5394.4 | 5810.9 |
| 17.5° | 1096.2 | 1341.0 | 1601.5 | 1901.7 | 2199.1 | 2448.5 | 2712.7 | 3993.4 | 5050.5 | 5563.2 | 6004.7 |
| 15° | 1134.1 | 1381.9 | 1657.2 | 1965.4 | 2256.8 | 2500.6 | 3059.7 | 4312.9 | 5275.1 | 5715.3 | 6177.7 |
| 12.5° | 1166.4 | 1416.7 | 1704.6 | 2019.7 | 2306.2 | 2545.3 | 3357.0 | 4579.1 | 5393.7 | 5852.0 | 6359.6 |
| 10° | 1193.0 | 1445.3 | 1743.8 | 2064.5 | 2347.0 | 2582.2 | 3602.9 | 4799.6 | 5492.0 | 5965.6 | 6511.1 |
| 7.5° | 1213.8 | 1467.8 | 1774.3 | 2099.6 | 2378.9 | 2611.1 | 3795.7 | 4972.7 | 5569.3 | 6055.0 | 6630.7 |
| 5° | 1228.7 | 1483.8 | 1796.3 | 2124.7 | 2401.8 | 2631.8 | 3934.4 | 5097.3 | 5625.0 | 6119.6 | 6717.0 |
| 2.5° | 1237.6 | 1493.5 | 1809.5 | 2139.8 | 2415.6 | 2644.3 | 4018.0 | 5172.5 | 5658.6 | 6158.6 | 6769.2 |
| 0° | 1240.6 | 1496.7 | 1813.9 | 2144.9 | 2420.2 | 2648.5 | 4045.9 | 5197.6 | 5669.8 | 6171.6 | 6786.7 |
| -2.5° | 1237.6 | 1493.5 | 1809.5 | 2139.8 | 2415.6 | 2644.3 | 4018.0 | 5172.5 | 5658.6 | 6158.6 | 6769.2 |
| -5° | 1228.7 | 1483.8 | 1796.3 | 2124.7 | 2401.8 | 2631.8 | 3934.4 | 5097.3 | 5625.0 | 6119.6 | 6717.0 |
| -7.5° | 1213.8 | 1467.8 | 1774.3 | 2099.6 | 2378.9 | 2611.1 | 3795.7 | 4972.7 | 5569.3 | 6055.0 | 6630.7 |
| -10° | 1193.0 | 1445.3 | 1743.8 | 2064.5 | 2347.0 | 2582.2 | 3602.9 | 4799.6 | 5492.0 | 5965.6 | 6511.1 |
| -12.5° | 1166.4 | 1416.7 | 1704.6 | 2019.7 | 2306.2 | 2545.3 | 3357.0 | 4579.1 | 5393.7 | 5852.0 | 6359.6 |
| -15° | 1134.1 | 1381.9 | 1657.2 | 1965.4 | 2256.8 | 2500.6 | 3059.7 | 4312.9 | 5275.1 | 5715.3 | 6177.7 |
| -17.5° | 1096.2 | 1341.0 | 1601.5 | 1901.7 | 2199.1 | 2448.5 | 2712.7 | 3993.4 | 5050.5 | 5563.2 | 6004.7 |
| -20° | 1052.8 | 1294.3 | 1537.9 | 1829.1 | 2130.8 | 2382.6 | 2594.5 | 3565.8 | 4669.3 | 5394.4 | 5810.9 |



REPORT NUMBER: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-HEG-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1004.0 | 1241.9 | 1472.3 | 1750.4 | 2042.1 | 2302.5 | 2522.6 | 3089.8 | 4245.8 | 5207.2 | 5600.9 |
| -25° | 950.6 | 1182.3 | 1408.7 | 1664.3 | 1944.4 | 2214.4 | 2443.5 | 2635.3 | 3726.3 | 4722.7 | 5381.5 |
| -27.5° | 892.7 | 1117.2 | 1339.2 | 1570.5 | 1838.0 | 2113.3 | 2344.9 | 2543.0 | 3119.0 | 4185.8 | 5071.2 |
| -30° | 830.1 | 1046.8 | 1264.2 | 1474.6 | 1727.2 | 1989.4 | 2233.9 | 2444.1 | 2619.3 | 3520.9 | 4459.7 |
| -32.5° | 762.9 | 971.5 | 1182.3 | 1387.1 | 1609.9 | 1857.4 | 2109.9 | 2322.2 | 2506.8 | 2786.2 | 3765.4 |
| -35° | 697.2 | 892.7 | 1094.5 | 1294.3 | 1487.7 | 1721.5 | 1959.7 | 2188.5 | 2382.0 | 2545.0 | 2946.1 |
| -37.5° | 637.2 | 809.4 | 1001.8 | 1195.1 | 1381.9 | 1580.6 | 1802.5 | 2028.9 | 2232.7 | 2412.1 | 2557.8 |
| -40° | 574.1 | 721.8 | 905.8 | 1089.5 | 1271.0 | 1445.3 | 1644.8 | 1853.3 | 2063.8 | 2247.5 | 2412.1 |
| -42.5° | 507.7 | 648.8 | 805.9 | 979.3 | 1153.1 | 1321.4 | 1483.8 | 1677.1 | 1870.5 | 2063.8 | 2232.7 |
| -45° | 436.9 | 573.3 | 705.7 | 866.9 | 1029.8 | 1191.6 | 1346.8 | 1496.7 | 1677.1 | 1853.3 | 2028.9 |
| -47.5° | 363.3 | 494.3 | 620.5 | 750.5 | 903.7 | 1055.2 | 1204.4 | 1346.8 | 1483.8 | 1644.8 | 1802.5 |
| -50° | 291.2 | 411.0 | 532.5 | 649.1 | 774.9 | 916.1 | 1055.2 | 1191.6 | 1321.4 | 1445.3 | 1580.6 |
| -52.5° | 228.9 | 325.2 | 439.9 | 551.4 | 658.6 | 774.9 | 903.7 | 1029.8 | 1153.1 | 1271.0 | 1381.9 |
| -55° | 164.8 | 251.4 | 344.3 | 449.5 | 551.4 | 649.1 | 750.5 | 866.9 | 979.3 | 1089.5 | 1195.1 |
| -57.5° | 119.9 | 179.8 | 259.0 | 344.3 | 439.9 | 532.5 | 620.5 | 705.7 | 805.9 | 905.8 | 1001.8 |
| -60° | 85.9 | 123.6 | 179.8 | 251.4 | 325.2 | 411.0 | 494.3 | 573.3 | 648.8 | 721.8 | 809.4 |
| -62.5° | 55.7 | 85.9 | 119.9 | 164.8 | 228.9 | 291.2 | 363.3 | 436.9 | 507.7 | 574.1 | 637.2 |
| -65° | 45.3 | 54.6 | 78.4 | 108.6 | 138.0 | 191.6 | 246.4 | 299.3 | 361.5 | 422.9 | 481.5 |
| -67.5° | 34.8 | 43.2 | 51.3 | 63.5 | 90.0 | 115.7 | 140.5 | 187.5 | 233.1 | 276.7 | 321.3 |
| -70° | 28.6 | 32.4 | 38.9 | 45.9 | 52.8 | 64.2 | 86.3 | 107.5 | 127.9 | 153.6 | 190.4 |
| -72.5° | 23.2 | 26.5 | 29.7 | 32.8 | 38.4 | 44.3 | 49.9 | 55.3 | 67.8 | 84.9 | 101.0 |
| -75° | 18.7 | 20.7 | 23.3 | 26.0 | 28.5 | 31.0 | 33.8 | 38.4 | 42.9 | 47.1 | 51.1 |
| -77.5° | 14.8 | 16.4 | 18.0 | 19.6 | 21.2 | 23.3 | 25.3 | 27.3 | 29.1 | 30.9 | 32.6 |
| -80° | 11.4 | 12.2 | 13.4 | 14.7 | 15.9 | 17.1 | 18.2 | 19.3 | 20.4 | 21.6 | 22.9 |
| -82.5° | 9.0 | 9.6 | 10.2 | 10.7 | 11.3 | 11.8 | 12.4 | 13.2 | 14.0 | 14.8 | 15.5 |
| -85° | 6.5 | 7.0 | 7.4 | 7.8 | 8.1 | 8.5 | 8.8 | 9.1 | 9.5 | 9.8 | 10.0 |
| -87.5° | 3.2 | 3.5 | 3.8 | 4.0 | 4.3 | 4.5 | 4.7 | 4.9 | 5.2 | 5.4 | 5.6 |
| -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: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-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° | 5.7 | 5.9 | 6.1 | 6.2 | 6.3 | 6.5 | 6.6 | 6.7 | 6.8 | 6.8 | 6.9 |
| 85° | 10.3 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.7 | 11.8 | 12.0 | 12.0 |
| 82.5° | 16.2 | 16.8 | 17.4 | 17.9 | 18.4 | 18.9 | 19.3 | 19.7 | 20.0 | 20.3 | 20.5 |
| 80° | 24.2 | 25.4 | 26.5 | 27.5 | 28.5 | 29.4 | 30.1 | 30.8 | 31.4 | 31.9 | 32.4 |
| 77.5° | 35.2 | 38.2 | 40.9 | 43.5 | 45.9 | 48.1 | 50.0 | 51.8 | 53.3 | 54.6 | 55.6 |
| 75° | 55.0 | 61.1 | 72.6 | 83.3 | 93.2 | 102.1 | 110.2 | 117.4 | 123.6 | 128.9 | 133.3 |
| 72.5° | 116.4 | 130.8 | 147.4 | 172.2 | 195.1 | 215.9 | 234.7 | 251.4 | 266.0 | 278.4 | 288.5 |
| 70° | 225.2 | 258.1 | 288.8 | 320.1 | 353.4 | 383.7 | 411.0 | 435.3 | 456.5 | 474.5 | 489.3 |
| 67.5° | 371.0 | 417.9 | 461.8 | 502.7 | 539.7 | 573.3 | 603.5 | 630.4 | 653.9 | 673.8 | 690.2 |
| 65° | 536.5 | 587.6 | 635.6 | 680.2 | 721.8 | 769.4 | 812.3 | 850.6 | 883.9 | 912.3 | 935.7 |
| 62.5° | 697.2 | 762.9 | 830.1 | 892.7 | 950.6 | 1004.0 | 1052.8 | 1096.2 | 1134.1 | 1166.4 | 1193.0 |
| 60° | 892.7 | 971.5 | 1046.8 | 1117.2 | 1182.3 | 1241.9 | 1294.3 | 1341.0 | 1381.9 | 1416.7 | 1445.3 |
| 57.5° | 1094.5 | 1182.3 | 1264.2 | 1339.2 | 1408.7 | 1472.3 | 1537.9 | 1601.5 | 1657.2 | 1704.6 | 1743.8 |
| 55° | 1294.3 | 1387.1 | 1474.6 | 1570.5 | 1664.3 | 1750.4 | 1829.1 | 1901.7 | 1965.4 | 2019.7 | 2064.5 |
| 52.5° | 1487.7 | 1609.9 | 1727.2 | 1838.0 | 1944.4 | 2042.1 | 2130.8 | 2199.1 | 2256.8 | 2306.2 | 2347.0 |
| 50° | 1721.5 | 1857.4 | 1989.4 | 2113.3 | 2214.4 | 2302.5 | 2382.6 | 2448.5 | 2500.6 | 2545.3 | 2582.2 |
| 47.5° | 1959.7 | 2109.9 | 2233.9 | 2344.9 | 2443.5 | 2522.6 | 2594.5 | 2712.7 | 3059.7 | 3357.0 | 3602.9 |
| 45° | 2188.5 | 2322.2 | 2444.1 | 2543.0 | 2635.3 | 3089.8 | 3565.8 | 3993.4 | 4312.9 | 4579.1 | 4799.6 |
| 42.5° | 2382.0 | 2506.8 | 2619.3 | 3119.0 | 3726.3 | 4245.8 | 4669.3 | 5050.5 | 5275.1 | 5393.7 | 5492.0 |
| 40° | 2545.0 | 2786.2 | 3520.9 | 4185.8 | 4722.7 | 5207.2 | 5394.4 | 5563.2 | 5715.3 | 5852.0 | 5965.6 |
| 37.5° | 2946.1 | 3765.4 | 4459.7 | 5071.2 | 5381.5 | 5600.9 | 5810.9 | 6004.7 | 6177.7 | 6359.6 | 6511.1 |
| 35° | 3847.5 | 4598.1 | 5232.9 | 5500.2 | 5757.4 | 6007.6 | 6253.2 | 6509.7 | 6737.9 | 6984.4 | 7203.6 |
| 32.5° | 4598.1 | 5262.1 | 5560.2 | 5855.6 | 6141.7 | 6463.6 | 6767.6 | 7129.3 | 7457.8 | 7852.5 | 8278.8 |
| 30° | 5232.9 | 5560.2 | 5888.7 | 6218.4 | 6592.4 | 6995.9 | 7430.2 | 8002.6 | 8637.6 | 9265.6 | 9993.6 |
| 27.5° | 5500.2 | 5855.6 | 6218.4 | 6635.7 | 7115.1 | 7623.6 | 8455.7 | 9310.6 | 10387.4 | 11331.9 | 13603.3 |
| 25° | 5757.4 | 6141.7 | 6592.4 | 7115.1 | 7734.7 | 8686.6 | 9872.2 | 11163.0 | 14183.9 | 17133.4 | 22060.2 |
| 22.5° | 6007.6 | 6463.6 | 6995.9 | 7623.6 | 8686.6 | 10062.1 | 11975.2 | 15957.7 | 21952.1 | 29520.2 | 37794.2 |
| 20° | 6253.2 | 6767.6 | 7430.2 | 8455.7 | 9872.2 | 11975.2 | 16559.2 | 24915.4 | 34874.2 | 48257.4 | 60611.6 |
| 17.5° | 6509.7 | 7129.3 | 8002.6 | 9310.6 | 11163.0 | 15957.7 | 24915.4 | 37432.2 | 53681.9 | 72218.2 | 89600.0 |
| 15° | 6737.9 | 7457.8 | 8637.6 | 10387.4 | 14183.9 | 21952.1 | 34874.2 | 53681.9 | 76199.3 | 99178.7 | 121349.3 |
| 12.5° | 6984.4 | 7852.5 | 9265.6 | 11331.9 | 17133.4 | 29520.2 | 48257.4 | 72218.2 | 99178.7 | 126734.1 | 150591.6 |
| 10° | 7203.6 | 8278.8 | 9993.6 | 13603.3 | 22060.2 | 37794.2 | 60611.6 | 89600.0 | 121349.3 | 150591.6 | 179052.4 |
| 7.5° | 7377.0 | 8616.9 | 10573.0 | 15424.8 | 26775.6 | 46230.4 | 73349.7 | 105820.2 | 139426.9 | 171835.8 | 208226.3 |
| 5° | 7502.5 | 8862.1 | 10994.3 | 16754.1 | 30231.9 | 52449.9 | 82813.3 | 118106.9 | 152967.2 | 190746.8 | 232371.5 |
| 2.5° | 7578.5 | 9010.8 | 11250.3 | 17563.5 | 32343.3 | 56265.4 | 88653.0 | 125750.8 | 161492.6 | 203437.3 | 250093.3 |
| 0° | 7603.9 | 9060.6 | 11336.1 | 17835.4 | 33053.6 | 57552.0 | 90628.2 | 128348.0 | 164409.0 | 207814.3 | 256471.2 |
| -2.5° | 7578.5 | 9010.8 | 11250.3 | 17563.5 | 32343.3 | 56265.4 | 88653.0 | 125750.8 | 161492.6 | 203437.3 | 250093.3 |
| -5° | 7502.5 | 8862.1 | 10994.3 | 16754.1 | 30231.9 | 52449.9 | 82813.3 | 118106.9 | 152967.2 | 190746.8 | 232371.5 |
| -7.5° | 7377.0 | 8616.9 | 10573.0 | 15424.8 | 26775.6 | 46230.4 | 73349.7 | 105820.2 | 139426.9 | 171835.8 | 208226.3 |
| -10° | 7203.6 | 8278.8 | 9993.6 | 13603.3 | 22060.2 | 37794.2 | 60611.6 | 89600.0 | 121349.3 | 150591.6 | 179052.4 |
| -12.5° | 6984.4 | 7852.5 | 9265.6 | 11331.9 | 17133.4 | 29520.2 | 48257.4 | 72218.2 | 99178.7 | 126734.1 | 150591.6 |
| -15° | 6737.9 | 7457.8 | 8637.6 | 10387.4 | 14183.9 | 21952.1 | 34874.2 | 53681.9 | 76199.3 | 99178.7 | 121349.3 |
| -17.5° | 6509.7 | 7129.3 | 8002.6 | 9310.6 | 11163.0 | 15957.7 | 24915.4 | 37432.2 | 53681.9 | 72218.2 | 89600.0 |
| -20° | 6253.2 | 6767.6 | 7430.2 | 8455.7 | 9872.2 | 11975.2 | 16559.2 | 24915.4 | 34874.2 | 48257.4 | 60611.6 |



REPORT NUMBER: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-HEG-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| -22.5° | 6007.6 | 6463.6 | 6995.9 | 7623.6 | 8686.6 | 10062.1 | 11975.2 | 15957.7 | 21952.1 | 29520.2 | 37794.2 |
| -25° | 5757.4 | 6141.7 | 6592.4 | 7115.1 | 7734.7 | 8686.6 | 9872.2 | 11163.0 | 14183.9 | 17133.4 | 22060.2 |
| -27.5° | 5500.2 | 5855.6 | 6218.4 | 6635.7 | 7115.1 | 7623.6 | 8455.7 | 9310.6 | 10387.4 | 11331.9 | 13603.3 |
| -30° | 5232.9 | 5560.2 | 5888.7 | 6218.4 | 6592.4 | 6995.9 | 7430.2 | 8002.6 | 8637.6 | 9265.6 | 9993.6 |
| -32.5° | 4598.1 | 5262.1 | 5560.2 | 5855.6 | 6141.7 | 6463.6 | 6767.6 | 7129.3 | 7457.8 | 7852.5 | 8278.8 |
| -35° | 3847.5 | 4598.1 | 5232.9 | 5500.2 | 5757.4 | 6007.6 | 6253.2 | 6509.7 | 6737.9 | 6984.4 | 7203.6 |
| -37.5° | 2946.1 | 3765.4 | 4459.7 | 5071.2 | 5381.5 | 5600.9 | 5810.9 | 6004.7 | 6177.7 | 6359.6 | 6511.1 |
| -40° | 2545.0 | 2786.2 | 3520.9 | 4185.8 | 4722.7 | 5207.2 | 5394.4 | 5563.2 | 5715.3 | 5852.0 | 5965.6 |
| -42.5° | 2382.0 | 2506.8 | 2619.3 | 3119.0 | 3726.3 | 4245.8 | 4669.3 | 5050.5 | 5275.1 | 5393.7 | 5492.0 |
| -45° | 2188.5 | 2322.2 | 2444.1 | 2543.0 | 2635.3 | 3089.8 | 3565.8 | 3993.4 | 4312.9 | 4579.1 | 4799.6 |
| -47.5° | 1959.7 | 2109.9 | 2233.9 | 2344.9 | 2443.5 | 2522.6 | 2594.5 | 2712.7 | 3059.7 | 3357.0 | 3602.9 |
| -50° | 1721.5 | 1857.4 | 1989.4 | 2113.3 | 2214.4 | 2302.5 | 2382.6 | 2448.5 | 2500.6 | 2545.3 | 2582.2 |
| -52.5° | 1487.7 | 1609.9 | 1727.2 | 1838.0 | 1944.4 | 2042.1 | 2130.8 | 2199.1 | 2256.8 | 2306.2 | 2347.0 |
| -55° | 1294.3 | 1387.1 | 1474.6 | 1570.5 | 1664.3 | 1750.4 | 1829.1 | 1901.7 | 1965.4 | 2019.7 | 2064.5 |
| -57.5° | 1094.5 | 1182.3 | 1264.2 | 1339.2 | 1408.7 | 1472.3 | 1537.9 | 1601.5 | 1657.2 | 1704.6 | 1743.8 |
| -60° | 892.7 | 971.5 | 1046.8 | 1117.2 | 1182.3 | 1241.9 | 1294.3 | 1341.0 | 1381.9 | 1416.7 | 1445.3 |
| -62.5° | 697.2 | 762.9 | 830.1 | 892.7 | 950.6 | 1004.0 | 1052.8 | 1096.2 | 1134.1 | 1166.4 | 1193.0 |
| -65° | 536.5 | 587.6 | 635.6 | 680.2 | 721.8 | 769.4 | 812.3 | 850.6 | 883.9 | 912.3 | 935.7 |
| -67.5° | 371.0 | 417.9 | 461.8 | 502.7 | 539.7 | 573.3 | 603.5 | 630.4 | 653.9 | 673.8 | 690.2 |
| -70° | 225.2 | 258.1 | 288.8 | 320.1 | 353.4 | 383.7 | 411.0 | 435.3 | 456.5 | 474.5 | 489.3 |
| -72.5° | 116.4 | 130.8 | 147.4 | 172.2 | 195.1 | 215.9 | 234.7 | 251.4 | 266.0 | 278.4 | 288.5 |
| -75° | 55.0 | 61.1 | 72.6 | 83.3 | 93.2 | 102.1 | 110.2 | 117.4 | 123.6 | 128.9 | 133.3 |
| -77.5° | 35.2 | 38.2 | 40.9 | 43.5 | 45.9 | 48.1 | 50.0 | 51.8 | 53.3 | 54.6 | 55.6 |
| -80° | 24.2 | 25.4 | 26.5 | 27.5 | 28.5 | 29.4 | 30.1 | 30.8 | 31.4 | 31.9 | 32.4 |
| -82.5° | 16.2 | 16.8 | 17.4 | 17.9 | 18.4 | 18.9 | 19.3 | 19.7 | 20.0 | 20.3 | 20.5 |
| -85° | 10.3 | 10.6 | 10.8 | 11.0 | 11.2 | 11.4 | 11.6 | 11.7 | 11.8 | 12.0 | 12.0 |
| -87.5° | 5.7 | 5.9 | 6.1 | 6.2 | 6.3 | 6.5 | 6.6 | 6.7 | 6.8 | 6.8 | 6.9 |
| -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: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-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° | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 6.9 | 6.8 | 6.8 | 6.7 |
| 85° | 12.1 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.1 | 12.0 | 12.0 | 11.8 | 11.7 |
| 82.5° | 20.7 | 20.8 | 20.9 | 20.9 | 20.9 | 20.8 | 20.7 | 20.5 | 20.3 | 20.0 | 19.7 |
| 80° | 32.7 | 32.9 | 33.1 | 33.1 | 33.1 | 32.9 | 32.7 | 32.4 | 31.9 | 31.4 | 30.8 |
| 77.5° | 56.4 | 57.0 | 57.4 | 57.5 | 57.4 | 57.0 | 56.4 | 55.6 | 54.6 | 53.3 | 51.8 |
| 75° | 136.7 | 139.1 | 140.6 | 141.1 | 140.6 | 139.1 | 136.7 | 133.3 | 128.9 | 123.6 | 117.4 |
| 72.5° | 296.5 | 302.1 | 305.6 | 306.7 | 305.6 | 302.1 | 296.5 | 288.5 | 278.4 | 266.0 | 251.4 |
| 70° | 500.9 | 509.2 | 514.1 | 515.8 | 514.1 | 509.2 | 500.9 | 489.3 | 474.5 | 456.5 | 435.3 |
| 67.5° | 703.1 | 712.2 | 717.8 | 719.6 | 717.8 | 712.2 | 703.1 | 690.2 | 673.8 | 653.9 | 630.4 |
| 65° | 953.9 | 967.0 | 974.9 | 977.5 | 974.9 | 967.0 | 953.9 | 935.7 | 912.3 | 883.9 | 850.6 |
| 62.5° | 1213.8 | 1228.7 | 1237.6 | 1240.6 | 1237.6 | 1228.7 | 1213.8 | 1193.0 | 1166.4 | 1134.1 | 1096.2 |
| 60° | 1467.8 | 1483.8 | 1493.5 | 1496.7 | 1493.5 | 1483.8 | 1467.8 | 1445.3 | 1416.7 | 1381.9 | 1341.0 |
| 57.5° | 1774.3 | 1796.3 | 1809.5 | 1813.9 | 1809.5 | 1796.3 | 1774.3 | 1743.8 | 1704.6 | 1657.2 | 1601.5 |
| 55° | 2099.6 | 2124.7 | 2139.8 | 2144.9 | 2139.8 | 2124.7 | 2099.6 | 2064.5 | 2019.7 | 1965.4 | 1901.7 |
| 52.5° | 2378.9 | 2401.8 | 2415.6 | 2420.2 | 2415.6 | 2401.8 | 2378.9 | 2347.0 | 2306.2 | 2256.8 | 2199.1 |
| 50° | 2611.1 | 2631.8 | 2644.3 | 2648.5 | 2644.3 | 2631.8 | 2611.1 | 2582.2 | 2545.3 | 2500.6 | 2448.5 |
| 47.5° | 3795.7 | 3934.4 | 4018.0 | 4045.9 | 4018.0 | 3934.4 | 3795.7 | 3602.9 | 3357.0 | 3059.7 | 2712.7 |
| 45° | 4972.7 | 5097.3 | 5172.5 | 5197.6 | 5172.5 | 5097.3 | 4972.7 | 4799.6 | 4579.1 | 4312.9 | 3993.4 |
| 42.5° | 5569.3 | 5625.0 | 5658.6 | 5669.8 | 5658.6 | 5625.0 | 5569.3 | 5492.0 | 5393.7 | 5275.1 | 5050.5 |
| 40° | 6055.0 | 6119.6 | 6158.6 | 6171.6 | 6158.6 | 6119.6 | 6055.0 | 5965.6 | 5852.0 | 5715.3 | 5563.2 |
| 37.5° | 6630.7 | 6717.0 | 6769.2 | 6786.7 | 6769.2 | 6717.0 | 6630.7 | 6511.1 | 6359.6 | 6177.7 | 6004.7 |
| 35° | 7377.0 | 7502.5 | 7578.5 | 7603.9 | 7578.5 | 7502.5 | 7377.0 | 7203.6 | 6984.4 | 6737.9 | 6509.7 |
| 32.5° | 8616.9 | 8862.1 | 9010.8 | 9060.6 | 9010.8 | 8862.1 | 8616.9 | 8278.8 | 7852.5 | 7457.8 | 7129.3 |
| 30° | 10573.0 | 10994.3 | 11250.3 | 11336.1 | 11250.3 | 10994.3 | 10573.0 | 9993.6 | 9265.6 | 8637.6 | 8002.6 |
| 27.5° | 15424.8 | 16754.1 | 17563.5 | 17835.4 | 17563.5 | 16754.1 | 15424.8 | 13603.3 | 11331.9 | 10387.4 | 9310.6 |
| 25° | 26775.6 | 30231.9 | 32343.3 | 33053.6 | 32343.3 | 30231.9 | 26775.6 | 22060.2 | 17133.4 | 14183.9 | 11163.0 |
| 22.5° | 46230.4 | 52449.9 | 56265.4 | 57552.0 | 56265.4 | 52449.9 | 46230.4 | 37794.2 | 29520.2 | 21952.1 | 15957.7 |
| 20° | 73349.7 | 82813.3 | 88653.0 | 90628.2 | 88653.0 | 82813.3 | 73349.7 | 60611.6 | 48257.4 | 34874.2 | 24915.4 |
| 17.5° | 105820.2 | 118106.9 | 125750.8 | 128348.0 | 125750.8 | 118106.9 | 105820.2 | 89600.0 | 72218.2 | 53681.9 | 37432.2 |
| 15° | 139426.9 | 152967.2 | 161492.6 | 164409.0 | 161492.6 | 152967.2 | 139426.9 | 121349.3 | 99178.7 | 76199.3 | 53681.9 |
| 12.5° | 171835.8 | 190746.8 | 203437.3 | 207814.3 | 203437.3 | 190746.8 | 171835.8 | 150591.6 | 126734.1 | 99178.7 | 72218.2 |
| 10° | 208226.3 | 232371.5 | 250093.3 | 256471.2 | 250093.3 | 232371.5 | 208226.3 | 179052.4 | 150591.6 | 121349.3 | 89600.0 |
| 7.5° | 244091.0 | 276686.1 | 294716.1 | 300069.1 | 294716.1 | 276686.1 | 244091.0 | 208226.3 | 171835.8 | 139426.9 | 105820.2 |
| 5° | 276686.1 | 305820.0 | 322496.3 | 328265.7 | 322496.3 | 305820.0 | 276686.1 | 232371.5 | 190746.8 | 152967.2 | 118106.9 |
| 2.5° | 294716.1 | 322496.3 | 345644.7 | 361352.4 | 345644.7 | 322496.3 | 294716.1 | 250093.3 | 203437.3 | 161492.6 | 125750.8 |
| 0° | 300069.1 | 328265.7 | 361352.4 | 383393.9 | 361352.4 | 328265.7 | 300069.1 | 256471.2 | 207814.3 | 164409.0 | 128348.0 |
| -2.5° | 294716.1 | 322496.3 | 345644.7 | 361352.4 | 345644.7 | 322496.3 | 294716.1 | 250093.3 | 203437.3 | 161492.6 | 125750.8 |
| -5° | 276686.1 | 305820.0 | 322496.3 | 328265.7 | 322496.3 | 305820.0 | 276686.1 | 232371.5 | 190746.8 | 152967.2 | 118106.9 |
| -7.5° | 244091.0 | 276686.1 | 294716.1 | 300069.1 | 294716.1 | 276686.1 | 244091.0 | 208226.3 | 171835.8 | 139426.9 | 105820.2 |
| -10° | 208226.3 | 232371.5 | 250093.3 | 256471.2 | 250093.3 | 232371.5 | 208226.3 | 179052.4 | 150591.6 | 121349.3 | 89600.0 |
| -12.5° | 171835.8 | 190746.8 | 203437.3 | 207814.3 | 203437.3 | 190746.8 | 171835.8 | 150591.6 | 126734.1 | 99178.7 | 72218.2 |
| -15° | 139426.9 | 152967.2 | 161492.6 | 164409.0 | 161492.6 | 152967.2 | 139426.9 | 121349.3 | 99178.7 | 76199.3 | 53681.9 |
| -17.5° | 105820.2 | 118106.9 | 125750.8 | 128348.0 | 125750.8 | 118106.9 | 105820.2 | 89600.0 | 72218.2 | 53681.9 | 37432.2 |
| -20° | 73349.7 | 82813.3 | 88653.0 | 90628.2 | 88653.0 | 82813.3 | 73349.7 | 60611.6 | 48257.4 | 34874.2 | 24915.4 |



REPORT NUMBER: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-HEG-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 46230.4 | 52449.9 | 56265.4 | 57552.0 | 56265.4 | 52449.9 | 46230.4 | 37794.2 | 29520.2 | 21952.1 | 15957.7 |
| -25° | 26775.6 | 30231.9 | 32343.3 | 33053.6 | 32343.3 | 30231.9 | 26775.6 | 22060.2 | 17133.4 | 14183.9 | 11163.0 |
| -27.5° | 15424.8 | 16754.1 | 17563.5 | 17835.4 | 17563.5 | 16754.1 | 15424.8 | 13603.3 | 11331.9 | 10387.4 | 9310.6 |
| -30° | 10573.0 | 10994.3 | 11250.3 | 11336.1 | 11250.3 | 10994.3 | 10573.0 | 9993.6 | 9265.6 | 8637.6 | 8002.6 |
| -32.5° | 8616.9 | 8862.1 | 9010.8 | 9060.6 | 9010.8 | 8862.1 | 8616.9 | 8278.8 | 7852.5 | 7457.8 | 7129.3 |
| -35° | 7377.0 | 7502.5 | 7578.5 | 7603.9 | 7578.5 | 7502.5 | 7377.0 | 7203.6 | 6984.4 | 6737.9 | 6509.7 |
| -37.5° | 6630.7 | 6717.0 | 6769.2 | 6786.7 | 6769.2 | 6717.0 | 6630.7 | 6511.1 | 6359.6 | 6177.7 | 6004.7 |
| -40° | 6055.0 | 6119.6 | 6158.6 | 6171.6 | 6158.6 | 6119.6 | 6055.0 | 5965.6 | 5852.0 | 5715.3 | 5563.2 |
| -42.5° | 5569.3 | 5625.0 | 5658.6 | 5669.8 | 5658.6 | 5625.0 | 5569.3 | 5492.0 | 5393.7 | 5275.1 | 5050.5 |
| -45° | 4972.7 | 5097.3 | 5172.5 | 5197.6 | 5172.5 | 5097.3 | 4972.7 | 4799.6 | 4579.1 | 4312.9 | 3993.4 |
| -47.5° | 3795.7 | 3934.4 | 4018.0 | 4045.9 | 4018.0 | 3934.4 | 3795.7 | 3602.9 | 3357.0 | 3059.7 | 2712.7 |
| -50° | 2611.1 | 2631.8 | 2644.3 | 2648.5 | 2644.3 | 2631.8 | 2611.1 | 2582.2 | 2545.3 | 2500.6 | 2448.5 |
| -52.5° | 2378.9 | 2401.8 | 2415.6 | 2420.2 | 2415.6 | 2401.8 | 2378.9 | 2347.0 | 2306.2 | 2256.8 | 2199.1 |
| -55° | 2099.6 | 2124.7 | 2139.8 | 2144.9 | 2139.8 | 2124.7 | 2099.6 | 2064.5 | 2019.7 | 1965.4 | 1901.7 |
| -57.5° | 1774.3 | 1796.3 | 1809.5 | 1813.9 | 1809.5 | 1796.3 | 1774.3 | 1743.8 | 1704.6 | 1657.2 | 1601.5 |
| -60° | 1467.8 | 1483.8 | 1493.5 | 1496.7 | 1493.5 | 1483.8 | 1467.8 | 1445.3 | 1416.7 | 1381.9 | 1341.0 |
| -62.5° | 1213.8 | 1228.7 | 1237.6 | 1240.6 | 1237.6 | 1228.7 | 1213.8 | 1193.0 | 1166.4 | 1134.1 | 1096.2 |
| -65° | 953.9 | 967.0 | 974.9 | 977.5 | 974.9 | 967.0 | 953.9 | 935.7 | 912.3 | 883.9 | 850.6 |
| -67.5° | 703.1 | 712.2 | 717.8 | 719.6 | 717.8 | 712.2 | 703.1 | 690.2 | 673.8 | 653.9 | 630.4 |
| -70° | 500.9 | 509.2 | 514.1 | 515.8 | 514.1 | 509.2 | 500.9 | 489.3 | 474.5 | 456.5 | 435.3 |
| -72.5° | 296.5 | 302.1 | 305.6 | 306.7 | 305.6 | 302.1 | 296.5 | 288.5 | 278.4 | 266.0 | 251.4 |
| -75° | 136.7 | 139.1 | 140.6 | 141.1 | 140.6 | 139.1 | 136.7 | 133.3 | 128.9 | 123.6 | 117.4 |
| -77.5° | 56.4 | 57.0 | 57.4 | 57.5 | 57.4 | 57.0 | 56.4 | 55.6 | 54.6 | 53.3 | 51.8 |
| -80° | 32.7 | 32.9 | 33.1 | 33.1 | 33.1 | 32.9 | 32.7 | 32.4 | 31.9 | 31.4 | 30.8 |
| -82.5° | 20.7 | 20.8 | 20.9 | 20.9 | 20.9 | 20.8 | 20.7 | 20.5 | 20.3 | 20.0 | 19.7 |
| -85° | 12.1 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.1 | 12.0 | 12.0 | 11.8 | 11.7 |
| -87.5° | 6.9 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 6.9 | 6.8 | 6.8 | 6.7 |
| -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: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-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° | 6.6 | 6.5 | 6.3 | 6.2 | 6.1 | 5.9 | 5.7 | 5.6 | 5.4 | 5.2 | 4.9 |
| 85° | 11.6 | 11.4 | 11.2 | 11.0 | 10.8 | 10.6 | 10.3 | 10.0 | 9.8 | 9.5 | 9.1 |
| 82.5° | 19.3 | 18.9 | 18.4 | 17.9 | 17.4 | 16.8 | 16.2 | 15.5 | 14.8 | 14.0 | 13.2 |
| 80° | 30.1 | 29.4 | 28.5 | 27.5 | 26.5 | 25.4 | 24.2 | 22.9 | 21.6 | 20.4 | 19.3 |
| 77.5° | 50.0 | 48.1 | 45.9 | 43.5 | 40.9 | 38.2 | 35.2 | 32.6 | 30.9 | 29.1 | 27.3 |
| 75° | 110.2 | 102.1 | 93.2 | 83.3 | 72.6 | 61.1 | 55.0 | 51.1 | 47.1 | 42.9 | 38.4 |
| 72.5° | 234.7 | 215.9 | 195.1 | 172.2 | 147.4 | 130.8 | 116.4 | 101.0 | 84.9 | 67.8 | 55.3 |
| 70° | 411.0 | 383.7 | 353.4 | 320.1 | 288.8 | 258.1 | 225.2 | 190.4 | 153.6 | 127.9 | 107.5 |
| 67.5° | 603.5 | 573.3 | 539.7 | 502.7 | 461.8 | 417.9 | 371.0 | 321.3 | 276.7 | 233.1 | 187.5 |
| 65° | 812.3 | 769.4 | 721.8 | 680.2 | 635.6 | 587.6 | 536.5 | 481.5 | 422.9 | 361.5 | 299.3 |
| 62.5° | 1052.8 | 1004.0 | 950.6 | 892.7 | 830.1 | 762.9 | 697.2 | 637.2 | 574.1 | 507.7 | 436.9 |
| 60° | 1294.3 | 1241.9 | 1182.3 | 1117.2 | 1046.8 | 971.5 | 892.7 | 809.4 | 721.8 | 648.8 | 573.3 |
| 57.5° | 1537.9 | 1472.3 | 1408.7 | 1339.2 | 1264.2 | 1182.3 | 1094.5 | 1001.8 | 905.8 | 805.9 | 705.7 |
| 55° | 1829.1 | 1750.4 | 1664.3 | 1570.5 | 1474.6 | 1387.1 | 1294.3 | 1195.1 | 1089.5 | 979.3 | 866.9 |
| 52.5° | 2130.8 | 2042.1 | 1944.4 | 1838.0 | 1727.2 | 1609.9 | 1487.7 | 1381.9 | 1271.0 | 1153.1 | 1029.8 |
| 50° | 2382.6 | 2302.5 | 2214.4 | 2113.3 | 1989.4 | 1857.4 | 1721.5 | 1580.6 | 1445.3 | 1321.4 | 1191.6 |
| 47.5° | 2594.5 | 2522.6 | 2443.5 | 2344.9 | 2233.9 | 2109.9 | 1959.7 | 1802.5 | 1644.8 | 1483.8 | 1346.8 |
| 45° | 3565.8 | 3089.8 | 2635.3 | 2543.0 | 2444.1 | 2322.2 | 2188.5 | 2028.9 | 1853.3 | 1677.1 | 1496.7 |
| 42.5° | 4669.3 | 4245.8 | 3726.3 | 3119.0 | 2619.3 | 2506.8 | 2382.0 | 2232.7 | 2063.8 | 1870.5 | 1677.1 |
| 40° | 5394.4 | 5207.2 | 4722.7 | 4185.8 | 3520.9 | 2786.2 | 2545.0 | 2412.1 | 2247.5 | 2063.8 | 1853.3 |
| 37.5° | 5810.9 | 5600.9 | 5381.5 | 5071.2 | 4459.7 | 3765.4 | 2946.1 | 2557.8 | 2412.1 | 2232.7 | 2028.9 |
| 35° | 6253.2 | 6007.6 | 5757.4 | 5500.2 | 5232.9 | 4598.1 | 3847.5 | 2946.1 | 2545.0 | 2382.0 | 2188.5 |
| 32.5° | 6767.6 | 6463.6 | 6141.7 | 5855.6 | 5560.2 | 5262.1 | 4598.1 | 3765.4 | 2786.2 | 2506.8 | 2322.2 |
| 30° | 7430.2 | 6995.9 | 6592.4 | 6218.4 | 5888.7 | 5560.2 | 5232.9 | 4459.7 | 3520.9 | 2619.3 | 2444.1 |
| 27.5° | 8455.7 | 7623.6 | 7115.1 | 6635.7 | 6218.4 | 5855.6 | 5500.2 | 5071.2 | 4185.8 | 3119.0 | 2543.0 |
| 25° | 9872.2 | 8686.6 | 7734.7 | 7115.1 | 6592.4 | 6141.7 | 5757.4 | 5381.5 | 4722.7 | 3726.3 | 2635.3 |
| 22.5° | 11975.2 | 10062.1 | 8686.6 | 7623.6 | 6995.9 | 6463.6 | 6007.6 | 5600.9 | 5207.2 | 4245.8 | 3089.8 |
| 20° | 16559.2 | 11975.2 | 9872.2 | 8455.7 | 7430.2 | 6767.6 | 6253.2 | 5810.9 | 5394.4 | 4669.3 | 3565.8 |
| 17.5° | 24915.4 | 15957.7 | 11163.0 | 9310.6 | 8002.6 | 7129.3 | 6509.7 | 6004.7 | 5563.2 | 5050.5 | 3993.4 |
| 15° | 34874.2 | 21952.1 | 14183.9 | 10387.4 | 8637.6 | 7457.8 | 6737.9 | 6177.7 | 5715.3 | 5275.1 | 4312.9 |
| 12.5° | 48257.4 | 29520.2 | 17133.4 | 11331.9 | 9265.6 | 7852.5 | 6984.4 | 6359.6 | 5852.0 | 5393.7 | 4579.1 |
| 10° | 60611.6 | 37794.2 | 22060.2 | 13603.3 | 9993.6 | 8278.8 | 7203.6 | 6511.1 | 5965.6 | 5492.0 | 4799.6 |
| 7.5° | 73349.7 | 46230.4 | 26775.6 | 15424.8 | 10573.0 | 8616.9 | 7377.0 | 6630.7 | 6055.0 | 5569.3 | 4972.7 |
| 5° | 82813.3 | 52449.9 | 30231.9 | 16754.1 | 10994.3 | 8862.1 | 7502.5 | 6717.0 | 6119.6 | 5625.0 | 5097.3 |
| 2.5° | 88653.0 | 56265.4 | 32343.3 | 17563.5 | 11250.3 | 9010.8 | 7578.5 | 6769.2 | 6158.6 | 5658.6 | 5172.5 |
| 0° | 90628.2 | 57552.0 | 33053.6 | 17835.4 | 11336.1 | 9060.6 | 7603.9 | 6786.7 | 6171.6 | 5669.8 | 5197.6 |
| -2.5° | 88653.0 | 56265.4 | 32343.3 | 17563.5 | 11250.3 | 9010.8 | 7578.5 | 6769.2 | 6158.6 | 5658.6 | 5172.5 |
| -5° | 82813.3 | 52449.9 | 30231.9 | 16754.1 | 10994.3 | 8862.1 | 7502.5 | 6717.0 | 6119.6 | 5625.0 | 5097.3 |
| -7.5° | 73349.7 | 46230.4 | 26775.6 | 15424.8 | 10573.0 | 8616.9 | 7377.0 | 6630.7 | 6055.0 | 5569.3 | 4972.7 |
| -10° | 60611.6 | 37794.2 | 22060.2 | 13603.3 | 9993.6 | 8278.8 | 7203.6 | 6511.1 | 5965.6 | 5492.0 | 4799.6 |
| -12.5° | 48257.4 | 29520.2 | 17133.4 | 11331.9 | 9265.6 | 7852.5 | 6984.4 | 6359.6 | 5852.0 | 5393.7 | 4579.1 |
| -15° | 34874.2 | 21952.1 | 14183.9 | 10387.4 | 8637.6 | 7457.8 | 6737.9 | 6177.7 | 5715.3 | 5275.1 | 4312.9 |
| -17.5° | 24915.4 | 15957.7 | 11163.0 | 9310.6 | 8002.6 | 7129.3 | 6509.7 | 6004.7 | 5563.2 | 5050.5 | 3993.4 |
| -20° | 16559.2 | 11975.2 | 9872.2 | 8455.7 | 7430.2 | 6767.6 | 6253.2 | 5810.9 | 5394.4 | 4669.3 | 3565.8 |



REPORT NUMBER: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-HEG-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 11975.2 | 10062.1 | 8686.6 | 7623.6 | 6995.9 | 6463.6 | 6007.6 | 5600.9 | 5207.2 | 4245.8 | 3089.8 |
| -25° | 9872.2 | 8686.6 | 7734.7 | 7115.1 | 6592.4 | 6141.7 | 5757.4 | 5381.5 | 4722.7 | 3726.3 | 2635.3 |
| -27.5° | 8455.7 | 7623.6 | 7115.1 | 6635.7 | 6218.4 | 5855.6 | 5500.2 | 5071.2 | 4185.8 | 3119.0 | 2543.0 |
| -30° | 7430.2 | 6995.9 | 6592.4 | 6218.4 | 5888.7 | 5560.2 | 5232.9 | 4459.7 | 3520.9 | 2619.3 | 2444.1 |
| -32.5° | 6767.6 | 6463.6 | 6141.7 | 5855.6 | 5560.2 | 5262.1 | 4598.1 | 3765.4 | 2786.2 | 2506.8 | 2322.2 |
| -35° | 6253.2 | 6007.6 | 5757.4 | 5500.2 | 5232.9 | 4598.1 | 3847.5 | 2946.1 | 2545.0 | 2382.0 | 2188.5 |
| -37.5° | 5810.9 | 5600.9 | 5381.5 | 5071.2 | 4459.7 | 3765.4 | 2946.1 | 2557.8 | 2412.1 | 2232.7 | 2028.9 |
| -40° | 5394.4 | 5207.2 | 4722.7 | 4185.8 | 3520.9 | 2786.2 | 2545.0 | 2412.1 | 2247.5 | 2063.8 | 1853.3 |
| -42.5° | 4669.3 | 4245.8 | 3726.3 | 3119.0 | 2619.3 | 2506.8 | 2382.0 | 2232.7 | 2063.8 | 1870.5 | 1677.1 |
| -45° | 3565.8 | 3089.8 | 2635.3 | 2543.0 | 2444.1 | 2322.2 | 2188.5 | 2028.9 | 1853.3 | 1677.1 | 1496.7 |
| -47.5° | 2594.5 | 2522.6 | 2443.5 | 2344.9 | 2233.9 | 2109.9 | 1959.7 | 1802.5 | 1644.8 | 1483.8 | 1346.8 |
| -50° | 2382.6 | 2302.5 | 2214.4 | 2113.3 | 1989.4 | 1857.4 | 1721.5 | 1580.6 | 1445.3 | 1321.4 | 1191.6 |
| -52.5° | 2130.8 | 2042.1 | 1944.4 | 1838.0 | 1727.2 | 1609.9 | 1487.7 | 1381.9 | 1271.0 | 1153.1 | 1029.8 |
| -55° | 1829.1 | 1750.4 | 1664.3 | 1570.5 | 1474.6 | 1387.1 | 1294.3 | 1195.1 | 1089.5 | 979.3 | 866.9 |
| -57.5° | 1537.9 | 1472.3 | 1408.7 | 1339.2 | 1264.2 | 1182.3 | 1094.5 | 1001.8 | 905.8 | 805.9 | 705.7 |
| -60° | 1294.3 | 1241.9 | 1182.3 | 1117.2 | 1046.8 | 971.5 | 892.7 | 809.4 | 721.8 | 648.8 | 573.3 |
| -62.5° | 1052.8 | 1004.0 | 950.6 | 892.7 | 830.1 | 762.9 | 697.2 | 637.2 | 574.1 | 507.7 | 436.9 |
| -65° | 812.3 | 769.4 | 721.8 | 680.2 | 635.6 | 587.6 | 536.5 | 481.5 | 422.9 | 361.5 | 299.3 |
| -67.5° | 603.5 | 573.3 | 539.7 | 502.7 | 461.8 | 417.9 | 371.0 | 321.3 | 276.7 | 233.1 | 187.5 |
| -70° | 411.0 | 383.7 | 353.4 | 320.1 | 288.8 | 258.1 | 225.2 | 190.4 | 153.6 | 127.9 | 107.5 |
| -72.5° | 234.7 | 215.9 | 195.1 | 172.2 | 147.4 | 130.8 | 116.4 | 101.0 | 84.9 | 67.8 | 55.3 |
| -75° | 110.2 | 102.1 | 93.2 | 83.3 | 72.6 | 61.1 | 55.0 | 51.1 | 47.1 | 42.9 | 38.4 |
| -77.5° | 50.0 | 48.1 | 45.9 | 43.5 | 40.9 | 38.2 | 35.2 | 32.6 | 30.9 | 29.1 | 27.3 |
| -80° | 30.1 | 29.4 | 28.5 | 27.5 | 26.5 | 25.4 | 24.2 | 22.9 | 21.6 | 20.4 | 19.3 |
| -82.5° | 19.3 | 18.9 | 18.4 | 17.9 | 17.4 | 16.8 | 16.2 | 15.5 | 14.8 | 14.0 | 13.2 |
| -85° | 11.6 | 11.4 | 11.2 | 11.0 | 10.8 | 10.6 | 10.3 | 10.0 | 9.8 | 9.5 | 9.1 |
| -87.5° | 6.6 | 6.5 | 6.3 | 6.2 | 6.1 | 5.9 | 5.7 | 5.6 | 5.4 | 5.2 | 4.9 |
| -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: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-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° | 4.7 | 4.5 | 4.3 | 4.0 | 3.8 | 3.5 | 3.2 | 3.0 | 2.7 | 2.4 | 2.1 |
| 85° | 8.8 | 8.5 | 8.1 | 7.8 | 7.4 | 7.0 | 6.5 | 5.9 | 5.4 | 4.8 | 4.2 |
| 82.5° | 12.4 | 11.8 | 11.3 | 10.7 | 10.2 | 9.6 | 9.0 | 8.4 | 7.8 | 7.1 | 6.3 |
| 80° | 18.2 | 17.1 | 15.9 | 14.7 | 13.4 | 12.2 | 11.4 | 10.6 | 9.7 | 8.9 | 8.0 |
| 77.5° | 25.3 | 23.3 | 21.2 | 19.6 | 18.0 | 16.4 | 14.8 | 13.1 | 11.7 | 10.6 | 9.6 |
| 75° | 33.8 | 31.0 | 28.5 | 26.0 | 23.3 | 20.7 | 18.7 | 16.7 | 14.6 | 12.5 | 11.1 |
| 72.5° | 49.9 | 44.3 | 38.4 | 32.8 | 29.7 | 26.5 | 23.2 | 20.2 | 17.8 | 15.3 | 12.9 |
| 70° | 86.3 | 64.2 | 52.8 | 45.9 | 38.9 | 32.4 | 28.6 | 24.9 | 21.0 | 18.2 | 15.3 |
| 67.5° | 140.5 | 115.7 | 90.0 | 63.5 | 51.3 | 43.2 | 34.8 | 29.7 | 25.4 | 21.0 | 17.8 |
| 65° | 246.4 | 191.6 | 138.0 | 108.6 | 78.4 | 54.6 | 45.3 | 35.9 | 29.7 | 24.9 | 20.2 |
| 62.5° | 363.3 | 291.2 | 228.9 | 164.8 | 119.9 | 85.9 | 55.7 | 45.3 | 34.8 | 28.6 | 23.2 |
| 60° | 494.3 | 411.0 | 325.2 | 251.4 | 179.8 | 123.6 | 85.9 | 54.6 | 43.2 | 32.4 | 26.5 |
| 57.5° | 620.5 | 532.5 | 439.9 | 344.3 | 259.0 | 179.8 | 119.9 | 78.4 | 51.3 | 38.9 | 29.7 |
| 55° | 750.5 | 649.1 | 551.4 | 449.5 | 344.3 | 251.4 | 164.8 | 108.6 | 63.5 | 45.9 | 32.8 |
| 52.5° | 903.7 | 774.9 | 658.6 | 551.4 | 439.9 | 325.2 | 228.9 | 138.0 | 90.0 | 52.8 | 38.4 |
| 50° | 1055.2 | 916.1 | 774.9 | 649.1 | 532.5 | 411.0 | 291.2 | 191.6 | 115.7 | 64.2 | 44.3 |
| 47.5° | 1204.4 | 1055.2 | 903.7 | 750.5 | 620.5 | 494.3 | 363.3 | 246.4 | 140.5 | 86.3 | 49.9 |
| 45° | 1346.8 | 1191.6 | 1029.8 | 866.9 | 705.7 | 573.3 | 436.9 | 299.3 | 187.5 | 107.5 | 55.3 |
| 42.5° | 1483.8 | 1321.4 | 1153.1 | 979.3 | 805.9 | 648.8 | 507.7 | 361.5 | 233.1 | 127.9 | 67.8 |
| 40° | 1644.8 | 1445.3 | 1271.0 | 1089.5 | 905.8 | 721.8 | 574.1 | 422.9 | 276.7 | 153.6 | 84.9 |
| 37.5° | 1802.5 | 1580.6 | 1381.9 | 1195.1 | 1001.8 | 809.4 | 637.2 | 481.5 | 321.3 | 190.4 | 101.0 |
| 35° | 1959.7 | 1721.5 | 1487.7 | 1294.3 | 1094.5 | 892.7 | 697.2 | 536.5 | 371.0 | 225.2 | 116.4 |
| 32.5° | 2109.9 | 1857.4 | 1609.9 | 1387.1 | 1182.3 | 971.5 | 762.9 | 587.6 | 417.9 | 258.1 | 130.8 |
| 30° | 2233.9 | 1989.4 | 1727.2 | 1474.6 | 1264.2 | 1046.8 | 830.1 | 635.6 | 461.8 | 288.8 | 147.4 |
| 27.5° | 2344.9 | 2113.3 | 1838.0 | 1570.5 | 1339.2 | 1117.2 | 892.7 | 680.2 | 502.7 | 320.1 | 172.2 |
| 25° | 2443.5 | 2214.4 | 1944.4 | 1664.3 | 1408.7 | 1182.3 | 950.6 | 721.8 | 539.7 | 353.4 | 195.1 |
| 22.5° | 2522.6 | 2302.5 | 2042.1 | 1750.4 | 1472.3 | 1241.9 | 1004.0 | 769.4 | 573.3 | 383.7 | 215.9 |
| 20° | 2594.5 | 2382.6 | 2130.8 | 1829.1 | 1537.9 | 1294.3 | 1052.8 | 812.3 | 603.5 | 411.0 | 234.7 |
| 17.5° | 2712.7 | 2448.5 | 2199.1 | 1901.7 | 1601.5 | 1341.0 | 1096.2 | 850.6 | 630.4 | 435.3 | 251.4 |
| 15° | 3059.7 | 2500.6 | 2256.8 | 1965.4 | 1657.2 | 1381.9 | 1134.1 | 883.9 | 653.9 | 456.5 | 266.0 |
| 12.5° | 3357.0 | 2545.3 | 2306.2 | 2019.7 | 1704.6 | 1416.7 | 1166.4 | 912.3 | 673.8 | 474.5 | 278.4 |
| 10° | 3602.9 | 2582.2 | 2347.0 | 2064.5 | 1743.8 | 1445.3 | 1193.0 | 935.7 | 690.2 | 489.3 | 288.5 |
| 7.5° | 3795.7 | 2611.1 | 2378.9 | 2099.6 | 1774.3 | 1467.8 | 1213.8 | 953.9 | 703.1 | 500.9 | 296.5 |
| 5° | 3934.4 | 2631.8 | 2401.8 | 2124.7 | 1796.3 | 1483.8 | 1228.7 | 967.0 | 712.2 | 509.2 | 302.1 |
| 2.5° | 4018.0 | 2644.3 | 2415.6 | 2139.8 | 1809.5 | 1493.5 | 1237.6 | 974.9 | 717.8 | 514.1 | 305.6 |
| 0° | 4045.9 | 2648.5 | 2420.2 | 2144.9 | 1813.9 | 1496.7 | 1240.6 | 977.5 | 719.6 | 515.8 | 306.7 |
| -2.5° | 4018.0 | 2644.3 | 2415.6 | 2139.8 | 1809.5 | 1493.5 | 1237.6 | 974.9 | 717.8 | 514.1 | 305.6 |
| -5° | 3934.4 | 2631.8 | 2401.8 | 2124.7 | 1796.3 | 1483.8 | 1228.7 | 967.0 | 712.2 | 509.2 | 302.1 |
| -7.5° | 3795.7 | 2611.1 | 2378.9 | 2099.6 | 1774.3 | 1467.8 | 1213.8 | 953.9 | 703.1 | 500.9 | 296.5 |
| -10° | 3602.9 | 2582.2 | 2347.0 | 2064.5 | 1743.8 | 1445.3 | 1193.0 | 935.7 | 690.2 | 489.3 | 288.5 |
| -12.5° | 3357.0 | 2545.3 | 2306.2 | 2019.7 | 1704.6 | 1416.7 | 1166.4 | 912.3 | 673.8 | 474.5 | 278.4 |
| -15° | 3059.7 | 2500.6 | 2256.8 | 1965.4 | 1657.2 | 1381.9 | 1134.1 | 883.9 | 653.9 | 456.5 | 266.0 |
| -17.5° | 2712.7 | 2448.5 | 2199.1 | 1901.7 | 1601.5 | 1341.0 | 1096.2 | 850.6 | 630.4 | 435.3 | 251.4 |
| -20° | 2594.5 | 2382.6 | 2130.8 | 1829.1 | 1537.9 | 1294.3 | 1052.8 | 812.3 | 603.5 | 411.0 | 234.7 |



REPORT NUMBER: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-HEG-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| -22.5° | 2522.6 | 2302.5 | 2042.1 | 1750.4 | 1472.3 | 1241.9 | 1004.0 | 769.4 | 573.3 | 383.7 | 215.9 |
| -25° | 2443.5 | 2214.4 | 1944.4 | 1664.3 | 1408.7 | 1182.3 | 950.6 | 721.8 | 539.7 | 353.4 | 195.1 |
| -27.5° | 2344.9 | 2113.3 | 1838.0 | 1570.5 | 1339.2 | 1117.2 | 892.7 | 680.2 | 502.7 | 320.1 | 172.2 |
| -30° | 2233.9 | 1989.4 | 1727.2 | 1474.6 | 1264.2 | 1046.8 | 830.1 | 635.6 | 461.8 | 288.8 | 147.4 |
| -32.5° | 2109.9 | 1857.4 | 1609.9 | 1387.1 | 1182.3 | 971.5 | 762.9 | 587.6 | 417.9 | 258.1 | 130.8 |
| -35° | 1959.7 | 1721.5 | 1487.7 | 1294.3 | 1094.5 | 892.7 | 697.2 | 536.5 | 371.0 | 225.2 | 116.4 |
| -37.5° | 1802.5 | 1580.6 | 1381.9 | 1195.1 | 1001.8 | 809.4 | 637.2 | 481.5 | 321.3 | 190.4 | 101.0 |
| -40° | 1644.8 | 1445.3 | 1271.0 | 1089.5 | 905.8 | 721.8 | 574.1 | 422.9 | 276.7 | 153.6 | 84.9 |
| -42.5° | 1483.8 | 1321.4 | 1153.1 | 979.3 | 805.9 | 648.8 | 507.7 | 361.5 | 233.1 | 127.9 | 67.8 |
| -45° | 1346.8 | 1191.6 | 1029.8 | 866.9 | 705.7 | 573.3 | 436.9 | 299.3 | 187.5 | 107.5 | 55.3 |
| -47.5° | 1204.4 | 1055.2 | 903.7 | 750.5 | 620.5 | 494.3 | 363.3 | 246.4 | 140.5 | 86.3 | 49.9 |
| -50° | 1055.2 | 916.1 | 774.9 | 649.1 | 532.5 | 411.0 | 291.2 | 191.6 | 115.7 | 64.2 | 44.3 |
| -52.5° | 903.7 | 774.9 | 658.6 | 551.4 | 439.9 | 325.2 | 228.9 | 138.0 | 90.0 | 52.8 | 38.4 |
| -55° | 750.5 | 649.1 | 551.4 | 449.5 | 344.3 | 251.4 | 164.8 | 108.6 | 63.5 | 45.9 | 32.8 |
| -57.5° | 620.5 | 532.5 | 439.9 | 344.3 | 259.0 | 179.8 | 119.9 | 78.4 | 51.3 | 38.9 | 29.7 |
| -60° | 494.3 | 411.0 | 325.2 | 251.4 | 179.8 | 123.6 | 85.9 | 54.6 | 43.2 | 32.4 | 26.5 |
| -62.5° | 363.3 | 291.2 | 228.9 | 164.8 | 119.9 | 85.9 | 55.7 | 45.3 | 34.8 | 28.6 | 23.2 |
| -65° | 246.4 | 191.6 | 138.0 | 108.6 | 78.4 | 54.6 | 45.3 | 35.9 | 29.7 | 24.9 | 20.2 |
| -67.5° | 140.5 | 115.7 | 90.0 | 63.5 | 51.3 | 43.2 | 34.8 | 29.7 | 25.4 | 21.0 | 17.8 |
| -70° | 86.3 | 64.2 | 52.8 | 45.9 | 38.9 | 32.4 | 28.6 | 24.9 | 21.0 | 18.2 | 15.3 |
| -72.5° | 49.9 | 44.3 | 38.4 | 32.8 | 29.7 | 26.5 | 23.2 | 20.2 | 17.8 | 15.3 | 12.9 |
| -75° | 33.8 | 31.0 | 28.5 | 26.0 | 23.3 | 20.7 | 18.7 | 16.7 | 14.6 | 12.5 | 11.1 |
| -77.5° | 25.3 | 23.3 | 21.2 | 19.6 | 18.0 | 16.4 | 14.8 | 13.1 | 11.7 | 10.6 | 9.6 |
| -80° | 18.2 | 17.1 | 15.9 | 14.7 | 13.4 | 12.2 | 11.4 | 10.6 | 9.7 | 8.9 | 8.0 |
| -82.5° | 12.4 | 11.8 | 11.3 | 10.7 | 10.2 | 9.6 | 9.0 | 8.4 | 7.8 | 7.1 | 6.3 |
| -85° | 8.8 | 8.5 | 8.1 | 7.8 | 7.4 | 7.0 | 6.5 | 5.9 | 5.4 | 4.8 | 4.2 |
| -87.5° | 4.7 | 4.5 | 4.3 | 4.0 | 3.8 | 3.5 | 3.2 | 3.0 | 2.7 | 2.4 | 2.1 |
| -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: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-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° | 1.8 | 1.5 | 1.2 | 0.9 | 0.6 | 0.3 | 0.0 |
| 85° | 3.6 | 3.0 | 2.4 | 1.8 | 1.2 | 0.6 | 0.0 |
| 82.5° | 5.4 | 4.5 | 3.6 | 2.7 | 1.8 | 0.9 | 0.0 |
| 80° | 7.2 | 6.0 | 4.8 | 3.6 | 2.4 | 1.2 | 0.0 |
| 77.5° | 8.5 | 7.4 | 6.0 | 4.5 | 3.0 | 1.5 | 0.0 |
| 75° | 9.8 | 8.5 | 7.2 | 5.4 | 3.6 | 1.8 | 0.0 |
| 72.5° | 11.1 | 9.6 | 8.0 | 6.3 | 4.2 | 2.1 | 0.0 |
| 70° | 12.5 | 10.6 | 8.9 | 7.1 | 4.8 | 2.4 | 0.0 |
| 67.5° | 14.6 | 11.7 | 9.7 | 7.8 | 5.4 | 2.7 | 0.0 |
| 65° | 16.7 | 13.1 | 10.6 | 8.4 | 5.9 | 3.0 | 0.0 |
| 62.5° | 18.7 | 14.8 | 11.4 | 9.0 | 6.5 | 3.2 | 0.0 |
| 60° | 20.7 | 16.4 | 12.2 | 9.6 | 7.0 | 3.5 | 0.0 |
| 57.5° | 23.3 | 18.0 | 13.4 | 10.2 | 7.4 | 3.8 | 0.0 |
| 55° | 26.0 | 19.6 | 14.7 | 10.7 | 7.8 | 4.0 | 0.0 |
| 52.5° | 28.5 | 21.2 | 15.9 | 11.3 | 8.1 | 4.3 | 0.0 |
| 50° | 31.0 | 23.3 | 17.1 | 11.8 | 8.5 | 4.5 | 0.0 |
| 47.5° | 33.8 | 25.3 | 18.2 | 12.4 | 8.8 | 4.7 | 0.0 |
| 45° | 38.4 | 27.3 | 19.3 | 13.2 | 9.1 | 4.9 | 0.0 |
| 42.5° | 42.9 | 29.1 | 20.4 | 14.0 | 9.5 | 5.2 | 0.0 |
| 40° | 47.1 | 30.9 | 21.6 | 14.8 | 9.8 | 5.4 | 0.0 |
| 37.5° | 51.1 | 32.6 | 22.9 | 15.5 | 10.0 | 5.6 | 0.0 |
| 35° | 55.0 | 35.2 | 24.2 | 16.2 | 10.3 | 5.7 | 0.0 |
| 32.5° | 61.1 | 38.2 | 25.4 | 16.8 | 10.6 | 5.9 | 0.0 |
| 30° | 72.6 | 40.9 | 26.5 | 17.4 | 10.8 | 6.1 | 0.0 |
| 27.5° | 83.3 | 43.5 | 27.5 | 17.9 | 11.0 | 6.2 | 0.0 |
| 25° | 93.2 | 45.9 | 28.5 | 18.4 | 11.2 | 6.3 | 0.0 |
| 22.5° | 102.1 | 48.1 | 29.4 | 18.9 | 11.4 | 6.5 | 0.0 |
| 20° | 110.2 | 50.0 | 30.1 | 19.3 | 11.6 | 6.6 | 0.0 |
| 17.5° | 117.4 | 51.8 | 30.8 | 19.7 | 11.7 | 6.7 | 0.0 |
| 15° | 123.6 | 53.3 | 31.4 | 20.0 | 11.8 | 6.8 | 0.0 |
| 12.5° | 128.9 | 54.6 | 31.9 | 20.3 | 12.0 | 6.8 | 0.0 |
| 10° | 133.3 | 55.6 | 32.4 | 20.5 | 12.0 | 6.9 | 0.0 |
| 7.5° | 136.7 | 56.4 | 32.7 | 20.7 | 12.1 | 6.9 | 0.0 |
| 5° | 139.1 | 57.0 | 32.9 | 20.8 | 12.2 | 7.0 | 0.0 |
| 2.5° | 140.6 | 57.4 | 33.1 | 20.9 | 12.2 | 7.0 | 0.0 |
| 0° | 141.1 | 57.5 | 33.1 | 20.9 | 12.2 | 7.0 | 0.0 |
| -2.5° | 140.6 | 57.4 | 33.1 | 20.9 | 12.2 | 7.0 | 0.0 |
| -5° | 139.1 | 57.0 | 32.9 | 20.8 | 12.2 | 7.0 | 0.0 |
| -7.5° | 136.7 | 56.4 | 32.7 | 20.7 | 12.1 | 6.9 | 0.0 |
| -10° | 133.3 | 55.6 | 32.4 | 20.5 | 12.0 | 6.9 | 0.0 |
| -12.5° | 128.9 | 54.6 | 31.9 | 20.3 | 12.0 | 6.8 | 0.0 |
| -15° | 123.6 | 53.3 | 31.4 | 20.0 | 11.8 | 6.8 | 0.0 |
| -17.5° | 117.4 | 51.8 | 30.8 | 19.7 | 11.7 | 6.7 | 0.0 |
| -20° | 110.2 | 50.0 | 30.1 | 19.3 | 11.6 | 6.6 | 0.0 |



REPORT NUMBER: P701453 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0640L-57-70-3S-HEG-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 102.1 | 48.1 | 29.4 | 18.9 | 11.4 | 6.5 | 0.0 |
| -25° | 93.2 | 45.9 | 28.5 | 18.4 | 11.2 | 6.3 | 0.0 |
| -27.5° | 83.3 | 43.5 | 27.5 | 17.9 | 11.0 | 6.2 | 0.0 |
| -30° | 72.6 | 40.9 | 26.5 | 17.4 | 10.8 | 6.1 | 0.0 |
| -32.5° | 61.1 | 38.2 | 25.4 | 16.8 | 10.6 | 5.9 | 0.0 |
| -35° | 55.0 | 35.2 | 24.2 | 16.2 | 10.3 | 5.7 | 0.0 |
| -37.5° | 51.1 | 32.6 | 22.9 | 15.5 | 10.0 | 5.6 | 0.0 |
| -40° | 47.1 | 30.9 | 21.6 | 14.8 | 9.8 | 5.4 | 0.0 |
| -42.5° | 42.9 | 29.1 | 20.4 | 14.0 | 9.5 | 5.2 | 0.0 |
| -45° | 38.4 | 27.3 | 19.3 | 13.2 | 9.1 | 4.9 | 0.0 |
| -47.5° | 33.8 | 25.3 | 18.2 | 12.4 | 8.8 | 4.7 | 0.0 |
| -50° | 31.0 | 23.3 | 17.1 | 11.8 | 8.5 | 4.5 | 0.0 |
| -52.5° | 28.5 | 21.2 | 15.9 | 11.3 | 8.1 | 4.3 | 0.0 |
| -55° | 26.0 | 19.6 | 14.7 | 10.7 | 7.8 | 4.0 | 0.0 |
| -57.5° | 23.3 | 18.0 | 13.4 | 10.2 | 7.4 | 3.8 | 0.0 |
| -60° | 20.7 | 16.4 | 12.2 | 9.6 | 7.0 | 3.5 | 0.0 |
| -62.5° | 18.7 | 14.8 | 11.4 | 9.0 | 6.5 | 3.2 | 0.0 |
| -65° | 16.7 | 13.1 | 10.6 | 8.4 | 5.9 | 3.0 | 0.0 |
| -67.5° | 14.6 | 11.7 | 9.7 | 7.8 | 5.4 | 2.7 | 0.0 |
| -70° | 12.5 | 10.6 | 8.9 | 7.1 | 4.8 | 2.4 | 0.0 |
| -72.5° | 11.1 | 9.6 | 8.0 | 6.3 | 4.2 | 2.1 | 0.0 |
| -75° | 9.8 | 8.5 | 7.2 | 5.4 | 3.6 | 1.8 | 0.0 |
| -77.5° | 8.5 | 7.4 | 6.0 | 4.5 | 3.0 | 1.5 | 0.0 |
| -80° | 7.2 | 6.0 | 4.8 | 3.6 | 2.4 | 1.2 | 0.0 |
| -82.5° | 5.4 | 4.5 | 3.6 | 2.7 | 1.8 | 0.9 | 0.0 |
| -85° | 3.6 | 3.0 | 2.4 | 1.8 | 1.2 | 0.6 | 0.0 |
| -87.5° | 1.8 | 1.5 | 1.2 | 0.9 | 0.6 | 0.3 | 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

