

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: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-1200L-40-80-2R-S**

Issue Date: 8/10/2023

Test Information

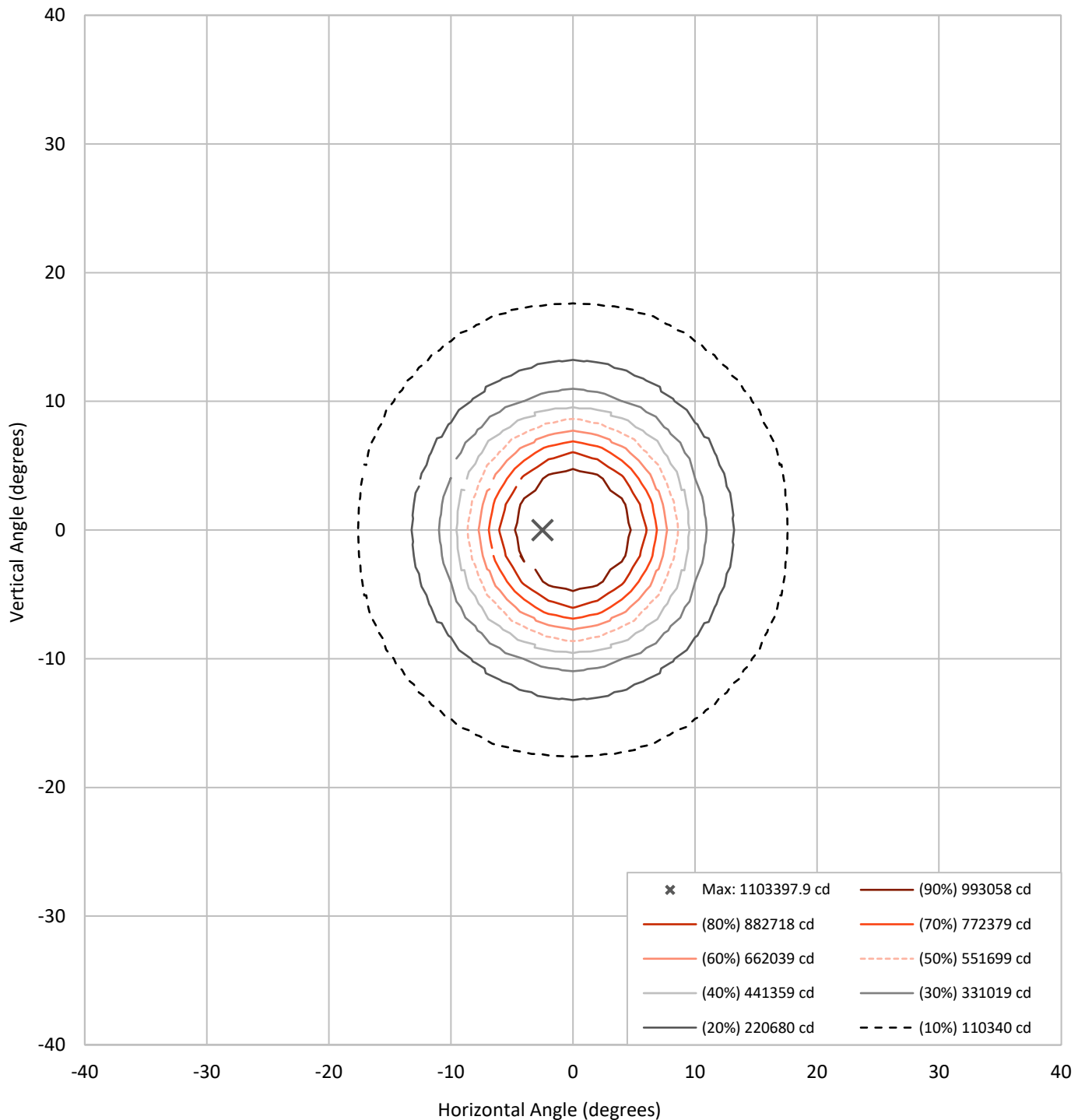
Test Method: LM-79-08
Report Number: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-15)
Test Lab: INNOVATION CENTER
Issue Date: 8/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS-16-1200L-40-80-2R-S
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 4000K, 80 CRI LEDS AND 2R BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|-------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 174826.2 lumens | Max Intensity: | 1103397.9 candela |
| Efficiency: | N/A | Max Intensity Angle: | -2.5°H x 0°V |
| Efficacy: | 144.0 lumens/watt | | |
| Luminous Opening: | Circular (Dia: 1.67' x H: 0') | | |
| Beam Angle (50%): | 17.3°H x 16.4°V | Field Angle (10%): | 34.8°H x 34.6°V |
| Beam Lumens: | 54560.9 lumens | Field Lumens: | 111581.5 lumens |
| Beam Efficiency: | 31.2% | Field Efficiency: | 63.8% |
| Input Watts (W): | 1214.1 | | |
| 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: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

Iso-Candela Plot





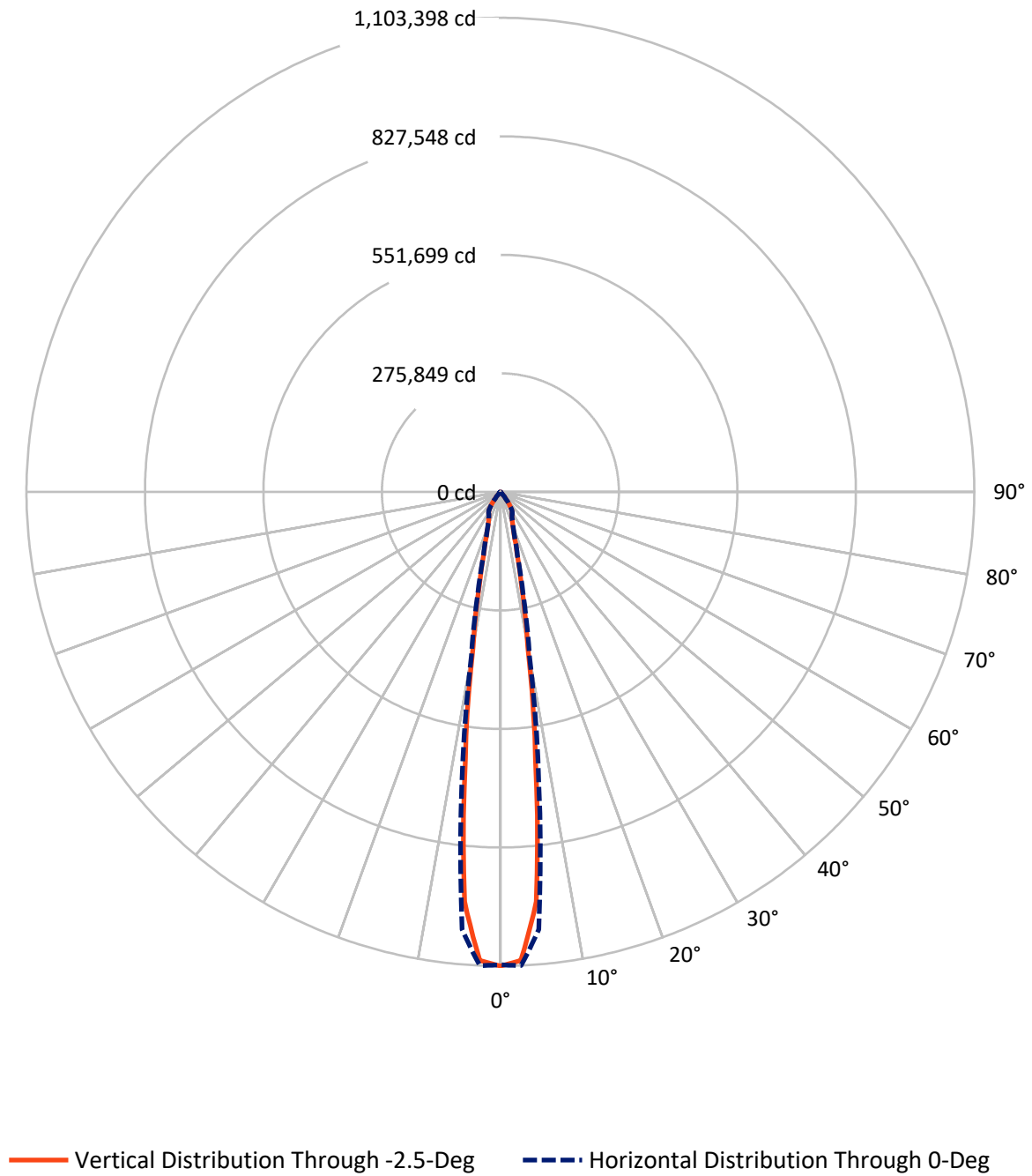
REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|------|-------|--------|--------|---------|---------|--------|--------|-------|------|-----|-----|-----|
| 90 | 0.3 | 1.3 | | 2.8 | | 4.2 | | 4.7 | | 4.2 | | 2.8 | | 1.3 | | 0.3 |
| 80 | 0.3 | 1.3 | | 2.8 | | 4.2 | | 4.7 | | 4.2 | | 2.8 | | 1.3 | | 0.3 |
| 70 | 0.5 | 0.5 | 0.9 | 1.5 | 2.2 | 3.6 | 5.3 | 6.3 | 6.3 | 5.3 | 3.6 | 2.2 | 1.5 | 0.9 | 0.5 | 0.5 |
| 60 | | 0.7 | 1.4 | 3.5 | 7.8 | 11.2 | 13.6 | 15.1 | 15.1 | 13.6 | 11.2 | 7.8 | 3.5 | 1.4 | 0.7 | |
| 50 | 0.8 | 0.9 | 2.9 | 8.1 | 12.8 | 21.0 | 46.4 | 81.7 | 81.7 | 46.4 | 21.0 | 12.8 | 8.1 | 2.9 | 0.9 | 0.8 |
| 40 | | 1.2 | 5.6 | 11.0 | 29.3 | 211.2 | 672.8 | 1015.1 | 1015.1 | 672.8 | 211.2 | 29.3 | 11.0 | 5.6 | 1.2 | |
| 30 | 1.0 | 1.8 | 7.1 | 16.6 | 193.1 | 992.6 | 1637.7 | 1951.6 | 1951.6 | 1637.7 | 992.6 | 193.1 | 16.6 | 7.1 | 1.8 | 1.0 |
| 20 | | 2.4 | 8.2 | 34.9 | 579.1 | 1538.8 | 2480.8 | 4721.8 | 4721.8 | 2480.8 | 1538.8 | 579.1 | 34.9 | 8.2 | 2.4 | |
| 10 | 1.1 | 2.8 | 8.8 | 60.2 | 845.7 | 1779.9 | 4597.5 | 20037.8 | 20037.8 | 4597.5 | 1779.9 | 845.7 | 60.2 | 8.8 | 2.8 | 1.1 |
| 0 | | 2.8 | 8.8 | 60.2 | 845.7 | 1779.9 | 4597.5 | 20037.8 | 20037.8 | 4597.5 | 1779.9 | 845.7 | 60.2 | 8.8 | 2.8 | |
| -10 | 1.0 | 2.4 | 8.2 | 34.9 | 579.1 | 1538.8 | 2480.8 | 4721.8 | 4721.8 | 2480.8 | 1538.8 | 579.1 | 34.9 | 8.2 | 2.4 | 1.0 |
| -20 | | 1.8 | 7.1 | 16.6 | 193.1 | 992.6 | 1637.7 | 1951.6 | 1951.6 | 1637.7 | 992.6 | 193.1 | 16.6 | 7.1 | 1.8 | |
| -30 | 0.8 | 1.2 | 5.6 | 11.0 | 29.3 | 211.2 | 672.8 | 1015.1 | 1015.1 | 672.8 | 211.2 | 29.3 | 11.0 | 5.6 | 1.2 | 0.8 |
| -40 | | 0.9 | 2.9 | 8.1 | 12.8 | 21.0 | 46.4 | 81.7 | 81.7 | 46.4 | 21.0 | 12.8 | 8.1 | 2.9 | 0.9 | |
| -50 | 0.5 | 0.7 | 1.4 | 3.5 | 7.8 | 11.2 | 13.6 | 15.1 | 15.1 | 13.6 | 11.2 | 7.8 | 3.5 | 1.4 | 0.7 | 0.5 |
| -60 | | 0.5 | 0.9 | 1.5 | 2.2 | 3.6 | 5.3 | 6.3 | 6.3 | 5.3 | 3.6 | 2.2 | 1.5 | 0.9 | 0.5 | |
| -70 | 0.3 | 1.3 | | 2.8 | | 4.2 | | 4.7 | | 4.2 | | 2.8 | | 1.3 | | 0.3 |
| -80 | | 1.3 | | 2.8 | | 4.2 | | 4.7 | | 4.2 | | 2.8 | | 1.3 | | |
| -90 | 0.3 | 1.3 | | 2.8 | | 4.2 | | 4.7 | | 4.2 | | 2.8 | | 1.3 | | 0.3 |

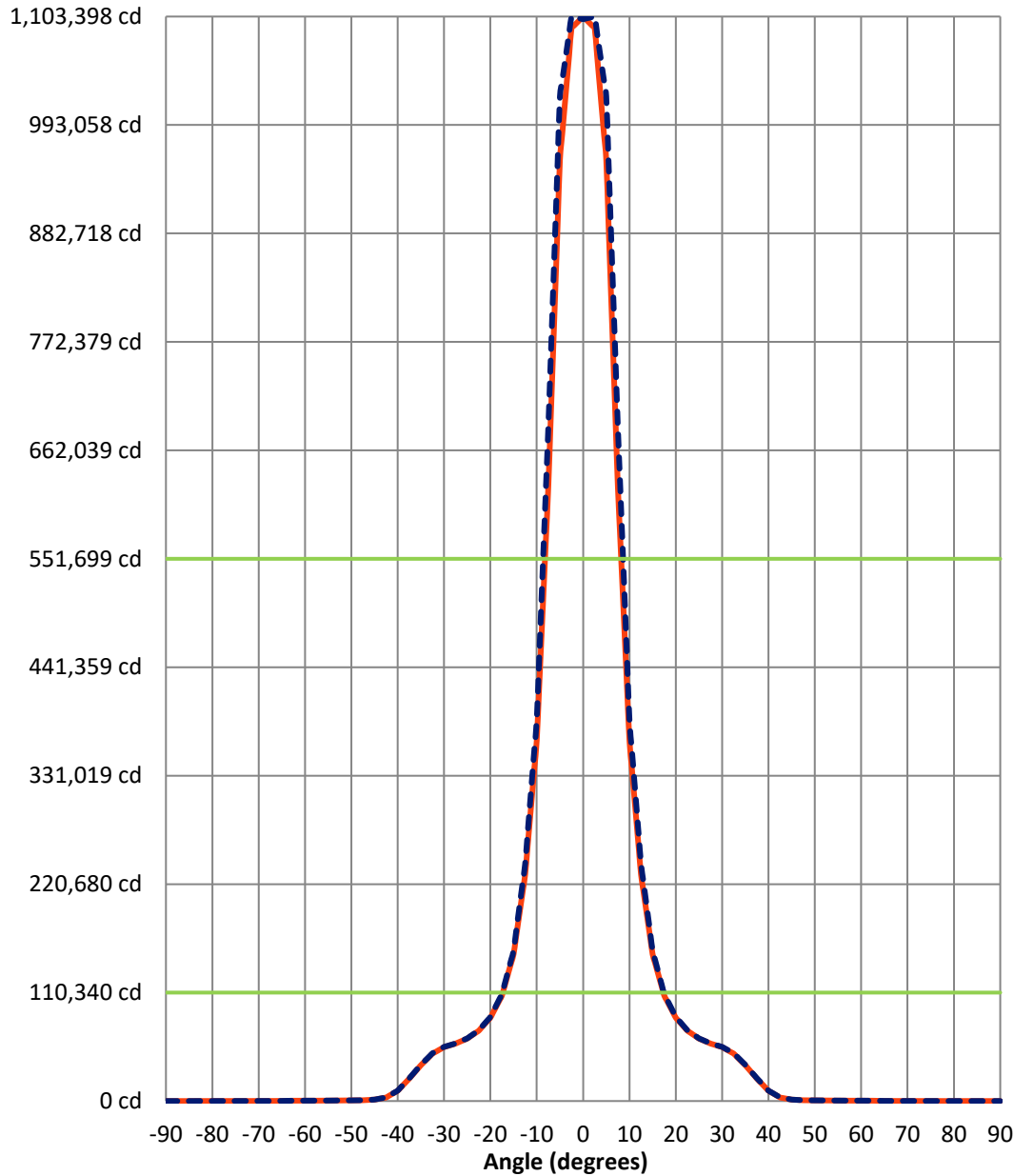
REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 17.3°
 V Angle: 16.4°
 Lumens: 54560.9
 Efficiency: 31.2%

Field:
 H Angle: 34.8°
 V Angle: 34.6°
 Lumens: 111581.5
 Efficiency: 63.8%

Spill:
 Lumens: 63244.8
 Efficiency: 36.2%

— Vertical Distribution through -2.5-Deg
 - - Horizontal Distribution through 0-Deg

REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

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 | 0.8 | 1.6 | 2.4 | 3.2 | 4.0 | 4.8 | 5.6 | 6.4 | 7.2 | 7.9 |
| 85° | 0.0 | 1.6 | 3.3 | 4.9 | 6.5 | 8.1 | 9.7 | 11.2 | 12.8 | 14.3 | 15.8 |
| 82.5° | 0.0 | 2.4 | 4.9 | 7.3 | 9.7 | 12.1 | 14.5 | 16.8 | 18.7 | 18.7 | 18.7 |
| 80° | 0.0 | 3.2 | 6.5 | 9.7 | 12.9 | 16.1 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| 77.5° | 0.0 | 4.0 | 8.1 | 12.1 | 16.1 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 19.6 |
| 75° | 0.0 | 4.8 | 9.7 | 14.5 | 18.7 | 18.7 | 18.7 | 18.7 | 19.0 | 21.3 | 23.5 |
| 72.5° | 0.0 | 5.6 | 11.2 | 16.8 | 18.7 | 18.7 | 18.7 | 19.4 | 22.1 | 24.7 | 27.4 |
| 70° | 0.0 | 6.4 | 12.8 | 18.7 | 18.7 | 18.7 | 19.0 | 22.1 | 25.2 | 28.2 | 31.1 |
| 67.5° | 0.0 | 7.2 | 14.3 | 18.7 | 18.7 | 18.7 | 21.3 | 24.7 | 28.2 | 31.6 | 34.9 |
| 65° | 0.0 | 7.9 | 15.8 | 18.7 | 18.7 | 19.6 | 23.5 | 27.4 | 31.1 | 34.9 | 38.6 |
| 62.5° | 0.0 | 8.6 | 17.3 | 18.7 | 18.7 | 21.5 | 25.7 | 29.9 | 34.1 | 38.2 | 42.2 |
| 60° | 0.0 | 9.3 | 18.7 | 18.7 | 18.7 | 23.3 | 27.9 | 32.4 | 36.9 | 41.3 | 45.7 |
| 57.5° | 0.0 | 10.0 | 18.7 | 18.7 | 20.0 | 25.0 | 30.0 | 34.9 | 39.7 | 44.4 | 49.1 |
| 55° | 0.0 | 10.7 | 18.7 | 18.7 | 21.4 | 26.7 | 32.0 | 37.2 | 42.4 | 47.5 | 52.5 |
| 52.5° | 0.0 | 11.4 | 18.7 | 18.7 | 22.7 | 28.4 | 34.0 | 39.5 | 45.0 | 50.5 | 55.9 |
| 50° | 0.0 | 12.0 | 18.7 | 18.7 | 24.0 | 30.0 | 35.9 | 41.8 | 47.6 | 53.3 | 59.1 |
| 47.5° | 0.0 | 12.6 | 18.7 | 18.9 | 25.2 | 31.5 | 37.8 | 43.9 | 50.0 | 56.1 | 62.2 |
| 45° | 0.0 | 13.2 | 18.7 | 19.8 | 26.4 | 33.0 | 39.5 | 46.0 | 52.4 | 58.8 | 65.2 |
| 42.5° | 0.0 | 13.8 | 18.7 | 20.7 | 27.6 | 34.4 | 41.2 | 48.0 | 54.7 | 61.4 | 70.5 |
| 40° | 0.0 | 14.3 | 18.7 | 21.5 | 28.6 | 35.8 | 42.8 | 49.9 | 56.9 | 63.9 | 76.0 |
| 37.5° | 0.0 | 14.8 | 18.7 | 22.2 | 29.7 | 37.1 | 44.4 | 51.7 | 59.0 | 66.9 | 81.2 |
| 35° | 0.0 | 15.3 | 18.7 | 23.0 | 30.6 | 38.3 | 45.8 | 53.4 | 61.0 | 71.4 | 85.3 |
| 32.5° | 0.0 | 15.8 | 18.7 | 23.7 | 31.6 | 39.4 | 47.2 | 55.0 | 62.8 | 75.5 | 87.6 |
| 30° | 0.0 | 16.2 | 18.7 | 24.3 | 32.4 | 40.5 | 48.5 | 56.6 | 64.6 | 79.5 | 89.8 |
| 27.5° | 0.0 | 16.6 | 18.7 | 24.9 | 33.2 | 41.5 | 49.7 | 58.0 | 66.8 | 83.1 | 91.9 |
| 25° | 0.0 | 16.9 | 18.7 | 25.4 | 33.9 | 42.4 | 50.8 | 59.3 | 69.8 | 85.4 | 94.2 |
| 22.5° | 0.0 | 17.3 | 18.7 | 25.9 | 34.6 | 43.2 | 51.8 | 60.4 | 72.5 | 87.0 | 104.5 |
| 20° | 0.0 | 17.6 | 18.7 | 26.4 | 35.2 | 44.0 | 52.7 | 61.5 | 74.9 | 88.3 | 113.9 |
| 17.5° | 0.0 | 17.8 | 18.7 | 26.8 | 35.7 | 44.6 | 53.5 | 62.5 | 77.1 | 89.6 | 122.2 |
| 15° | 0.0 | 18.1 | 18.7 | 27.1 | 36.2 | 45.2 | 54.2 | 63.3 | 79.0 | 90.7 | 129.5 |
| 12.5° | 0.0 | 18.3 | 18.7 | 27.4 | 36.6 | 45.7 | 54.8 | 64.0 | 80.6 | 91.6 | 135.7 |
| 10° | 0.0 | 18.4 | 18.7 | 27.7 | 36.9 | 46.1 | 55.3 | 64.6 | 81.9 | 92.3 | 140.8 |
| 7.5° | 0.0 | 18.5 | 18.7 | 27.9 | 37.2 | 46.4 | 55.7 | 65.0 | 83.0 | 92.9 | 144.8 |
| 5° | 0.0 | 18.6 | 18.7 | 28.0 | 37.4 | 46.6 | 56.0 | 65.3 | 83.7 | 93.4 | 147.6 |
| 2.5° | 0.0 | 18.7 | 18.7 | 28.1 | 37.5 | 46.8 | 56.1 | 65.5 | 84.2 | 93.6 | 149.3 |
| 0° | 0.0 | 18.7 | 18.7 | 28.1 | 37.5 | 46.8 | 56.2 | 65.6 | 84.3 | 93.7 | 149.9 |
| -2.5° | 0.0 | 18.7 | 18.7 | 28.1 | 37.5 | 46.8 | 56.1 | 65.5 | 84.2 | 93.6 | 149.3 |
| -5° | 0.0 | 18.6 | 18.7 | 28.0 | 37.4 | 46.6 | 56.0 | 65.3 | 83.7 | 93.4 | 147.6 |
| -7.5° | 0.0 | 18.5 | 18.7 | 27.9 | 37.2 | 46.4 | 55.7 | 65.0 | 83.0 | 92.9 | 144.8 |
| -10° | 0.0 | 18.4 | 18.7 | 27.7 | 36.9 | 46.1 | 55.3 | 64.6 | 81.9 | 92.3 | 140.8 |
| -12.5° | 0.0 | 18.3 | 18.7 | 27.4 | 36.6 | 45.7 | 54.8 | 64.0 | 80.6 | 91.6 | 135.7 |
| -15° | 0.0 | 18.1 | 18.7 | 27.1 | 36.2 | 45.2 | 54.2 | 63.3 | 79.0 | 90.7 | 129.5 |
| -17.5° | 0.0 | 17.8 | 18.7 | 26.8 | 35.7 | 44.6 | 53.5 | 62.5 | 77.1 | 89.6 | 122.2 |
| -20° | 0.0 | 17.6 | 18.7 | 26.4 | 35.2 | 44.0 | 52.7 | 61.5 | 74.9 | 88.3 | 113.9 |



REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 0.0 | 17.3 | 18.7 | 25.9 | 34.6 | 43.2 | 51.8 | 60.4 | 72.5 | 87.0 | 104.5 |
| -25° | 0.0 | 16.9 | 18.7 | 25.4 | 33.9 | 42.4 | 50.8 | 59.3 | 69.8 | 85.4 | 94.2 |
| -27.5° | 0.0 | 16.6 | 18.7 | 24.9 | 33.2 | 41.5 | 49.7 | 58.0 | 66.8 | 83.1 | 91.9 |
| -30° | 0.0 | 16.2 | 18.7 | 24.3 | 32.4 | 40.5 | 48.5 | 56.6 | 64.6 | 79.5 | 89.8 |
| -32.5° | 0.0 | 15.8 | 18.7 | 23.7 | 31.6 | 39.4 | 47.2 | 55.0 | 62.8 | 75.5 | 87.6 |
| -35° | 0.0 | 15.3 | 18.7 | 23.0 | 30.6 | 38.3 | 45.8 | 53.4 | 61.0 | 71.4 | 85.3 |
| -37.5° | 0.0 | 14.8 | 18.7 | 22.2 | 29.7 | 37.1 | 44.4 | 51.7 | 59.0 | 66.9 | 81.2 |
| -40° | 0.0 | 14.3 | 18.7 | 21.5 | 28.6 | 35.8 | 42.8 | 49.9 | 56.9 | 63.9 | 76.0 |
| -42.5° | 0.0 | 13.8 | 18.7 | 20.7 | 27.6 | 34.4 | 41.2 | 48.0 | 54.7 | 61.4 | 70.5 |
| -45° | 0.0 | 13.2 | 18.7 | 19.8 | 26.4 | 33.0 | 39.5 | 46.0 | 52.4 | 58.8 | 65.2 |
| -47.5° | 0.0 | 12.6 | 18.7 | 18.9 | 25.2 | 31.5 | 37.8 | 43.9 | 50.0 | 56.1 | 62.2 |
| -50° | 0.0 | 12.0 | 18.7 | 18.7 | 24.0 | 30.0 | 35.9 | 41.8 | 47.6 | 53.3 | 59.1 |
| -52.5° | 0.0 | 11.4 | 18.7 | 18.7 | 22.7 | 28.4 | 34.0 | 39.5 | 45.0 | 50.5 | 55.9 |
| -55° | 0.0 | 10.7 | 18.7 | 18.7 | 21.4 | 26.7 | 32.0 | 37.2 | 42.4 | 47.5 | 52.5 |
| -57.5° | 0.0 | 10.0 | 18.7 | 18.7 | 20.0 | 25.0 | 30.0 | 34.9 | 39.7 | 44.4 | 49.1 |
| -60° | 0.0 | 9.3 | 18.7 | 18.7 | 18.7 | 23.3 | 27.9 | 32.4 | 36.9 | 41.3 | 45.7 |
| -62.5° | 0.0 | 8.6 | 17.3 | 18.7 | 18.7 | 21.5 | 25.7 | 29.9 | 34.1 | 38.2 | 42.2 |
| -65° | 0.0 | 7.9 | 15.8 | 18.7 | 18.7 | 19.6 | 23.5 | 27.4 | 31.1 | 34.9 | 38.6 |
| -67.5° | 0.0 | 7.2 | 14.3 | 18.7 | 18.7 | 18.7 | 21.3 | 24.7 | 28.2 | 31.6 | 34.9 |
| -70° | 0.0 | 6.4 | 12.8 | 18.7 | 18.7 | 18.7 | 19.0 | 22.1 | 25.2 | 28.2 | 31.1 |
| -72.5° | 0.0 | 5.6 | 11.2 | 16.8 | 18.7 | 18.7 | 18.7 | 19.4 | 22.1 | 24.7 | 27.4 |
| -75° | 0.0 | 4.8 | 9.7 | 14.5 | 18.7 | 18.7 | 18.7 | 18.7 | 19.0 | 21.3 | 23.5 |
| -77.5° | 0.0 | 4.0 | 8.1 | 12.1 | 16.1 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 19.6 |
| -80° | 0.0 | 3.2 | 6.5 | 9.7 | 12.9 | 16.1 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| -82.5° | 0.0 | 2.4 | 4.9 | 7.3 | 9.7 | 12.1 | 14.5 | 16.8 | 18.7 | 18.7 | 18.7 |
| -85° | 0.0 | 1.6 | 3.3 | 4.9 | 6.5 | 8.1 | 9.7 | 11.2 | 12.8 | 14.3 | 15.8 |
| -87.5° | 0.0 | 0.8 | 1.6 | 2.4 | 3.2 | 4.0 | 4.8 | 5.6 | 6.4 | 7.2 | 7.9 |
| -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-16-1200L-40-80-2R-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° | 8.6 | 9.3 | 10.0 | 10.7 | 11.4 | 12.0 | 12.6 | 13.2 | 13.8 | 14.3 | 14.8 |
| 85° | 17.3 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| 82.5° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.9 | 19.8 | 20.7 | 21.5 | 22.2 |
| 80° | 18.7 | 18.7 | 20.0 | 21.4 | 22.7 | 24.0 | 25.2 | 26.4 | 27.6 | 28.6 | 29.7 |
| 77.5° | 21.5 | 23.3 | 25.0 | 26.7 | 28.4 | 30.0 | 31.5 | 33.0 | 34.4 | 35.8 | 37.1 |
| 75° | 25.7 | 27.9 | 30.0 | 32.0 | 34.0 | 35.9 | 37.8 | 39.5 | 41.2 | 42.8 | 44.4 |
| 72.5° | 29.9 | 32.4 | 34.9 | 37.2 | 39.5 | 41.8 | 43.9 | 46.0 | 48.0 | 49.9 | 51.7 |
| 70° | 34.1 | 36.9 | 39.7 | 42.4 | 45.0 | 47.6 | 50.0 | 52.4 | 54.7 | 56.9 | 59.0 |
| 67.5° | 38.2 | 41.3 | 44.4 | 47.5 | 50.5 | 53.3 | 56.1 | 58.8 | 61.4 | 63.9 | 66.9 |
| 65° | 42.2 | 45.7 | 49.1 | 52.5 | 55.9 | 59.1 | 62.2 | 65.2 | 70.5 | 76.0 | 81.2 |
| 62.5° | 46.1 | 50.0 | 53.8 | 57.5 | 61.2 | 64.7 | 70.7 | 77.2 | 83.6 | 87.0 | 89.9 |
| 60° | 50.0 | 54.2 | 58.4 | 62.5 | 67.3 | 74.9 | 82.4 | 87.0 | 90.4 | 94.2 | 113.3 |
| 57.5° | 53.8 | 58.4 | 62.9 | 69.0 | 77.5 | 85.1 | 89.1 | 93.1 | 112.5 | 134.3 | 169.8 |
| 55° | 57.5 | 62.5 | 69.0 | 78.4 | 85.9 | 90.4 | 100.4 | 125.8 | 151.4 | 241.7 | 328.2 |
| 52.5° | 61.2 | 67.3 | 77.5 | 85.9 | 90.9 | 105.7 | 133.8 | 192.7 | 293.7 | 368.7 | 380.9 |
| 50° | 64.7 | 74.9 | 85.1 | 90.4 | 105.7 | 136.5 | 213.5 | 325.2 | 374.3 | 387.9 | 396.0 |
| 47.5° | 70.7 | 82.4 | 89.1 | 100.4 | 133.8 | 213.5 | 335.8 | 377.0 | 392.1 | 397.9 | 402.6 |
| 45° | 77.2 | 87.0 | 93.1 | 125.8 | 192.7 | 325.2 | 377.0 | 393.5 | 398.8 | 411.8 | 451.6 |
| 42.5° | 83.6 | 90.4 | 112.5 | 151.4 | 293.7 | 374.3 | 392.1 | 398.8 | 415.7 | 459.5 | 513.8 |
| 40° | 87.0 | 94.2 | 134.3 | 241.7 | 368.7 | 387.9 | 397.9 | 411.8 | 459.5 | 519.8 | 587.0 |
| 37.5° | 89.9 | 113.3 | 169.8 | 328.2 | 380.9 | 396.0 | 402.6 | 451.6 | 513.8 | 587.0 | 652.4 |
| 35° | 92.7 | 131.4 | 245.8 | 371.3 | 392.5 | 400.2 | 435.9 | 495.7 | 574.7 | 646.7 | 719.3 |
| 32.5° | 103.1 | 148.6 | 317.7 | 381.5 | 396.9 | 412.7 | 470.0 | 550.3 | 629.4 | 705.4 | 790.8 |
| 30° | 117.8 | 206.7 | 368.0 | 391.1 | 400.3 | 442.7 | 514.3 | 601.1 | 680.2 | 769.4 | 1060.9 |
| 27.5° | 131.4 | 264.4 | 376.2 | 395.7 | 408.4 | 470.7 | 559.6 | 645.8 | 734.4 | 898.3 | 1424.1 |
| 25° | 144.0 | 317.7 | 383.8 | 398.5 | 432.5 | 506.3 | 600.8 | 687.4 | 787.3 | 1217.2 | 2349.6 |
| 22.5° | 171.6 | 365.5 | 390.8 | 401.0 | 454.6 | 542.3 | 636.5 | 731.9 | 933.9 | 1543.5 | 3363.9 |
| 20° | 211.6 | 371.3 | 394.7 | 406.3 | 474.7 | 574.9 | 669.0 | 773.4 | 1185.5 | 2408.9 | 5636.7 |
| 17.5° | 247.1 | 376.4 | 396.6 | 422.8 | 500.0 | 603.1 | 699.0 | 810.6 | 1411.8 | 3189.7 | 8322.0 |
| 15° | 278.2 | 380.9 | 398.3 | 437.2 | 523.6 | 626.6 | 729.2 | 973.8 | 1857.7 | 4312.1 | 10758.4 |
| 12.5° | 304.6 | 384.7 | 399.7 | 449.5 | 543.8 | 646.8 | 755.2 | 1131.9 | 2405.7 | 6206.3 | 14477.5 |
| 10° | 326.4 | 387.9 | 400.8 | 459.7 | 560.4 | 663.4 | 776.6 | 1262.8 | 2860.1 | 7780.1 | 17574.5 |
| 7.5° | 343.4 | 390.3 | 401.7 | 467.6 | 573.4 | 676.5 | 793.4 | 1365.7 | 3217.5 | 9019.8 | 20018.7 |
| 5° | 355.6 | 392.1 | 402.4 | 473.3 | 582.8 | 685.9 | 805.5 | 1439.7 | 3475.0 | 9914.0 | 21784.2 |
| 2.5° | 363.0 | 393.1 | 402.8 | 476.8 | 588.4 | 691.5 | 812.8 | 1484.3 | 3630.4 | 10454.0 | 22851.5 |
| 0° | 365.4 | 393.5 | 402.9 | 477.9 | 590.3 | 693.4 | 815.2 | 1499.2 | 3682.3 | 10634.6 | 23208.7 |
| -2.5° | 363.0 | 393.1 | 402.8 | 476.8 | 588.4 | 691.5 | 812.8 | 1484.3 | 3630.4 | 10454.0 | 22851.5 |
| -5° | 355.6 | 392.1 | 402.4 | 473.3 | 582.8 | 685.9 | 805.5 | 1439.7 | 3475.0 | 9914.0 | 21784.2 |
| -7.5° | 343.4 | 390.3 | 401.7 | 467.6 | 573.4 | 676.5 | 793.4 | 1365.7 | 3217.5 | 9019.8 | 20018.7 |
| -10° | 326.4 | 387.9 | 400.8 | 459.7 | 560.4 | 663.4 | 776.6 | 1262.8 | 2860.1 | 7780.1 | 17574.5 |
| -12.5° | 304.6 | 384.7 | 399.7 | 449.5 | 543.8 | 646.8 | 755.2 | 1131.9 | 2405.7 | 6206.3 | 14477.5 |
| -15° | 278.2 | 380.9 | 398.3 | 437.2 | 523.6 | 626.6 | 729.2 | 973.8 | 1857.7 | 4312.1 | 10758.4 |
| -17.5° | 247.1 | 376.4 | 396.6 | 422.8 | 500.0 | 603.1 | 699.0 | 810.6 | 1411.8 | 3189.7 | 8322.0 |
| -20° | 211.6 | 371.3 | 394.7 | 406.3 | 474.7 | 574.9 | 669.0 | 773.4 | 1185.5 | 2408.9 | 5636.7 |



REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|
| -22.5° | 171.6 | 365.5 | 390.8 | 401.0 | 454.6 | 542.3 | 636.5 | 731.9 | 933.9 | 1543.5 | 3363.9 |
| -25° | 144.0 | 317.7 | 383.8 | 398.5 | 432.5 | 506.3 | 600.8 | 687.4 | 787.3 | 1217.2 | 2349.6 |
| -27.5° | 131.4 | 264.4 | 376.2 | 395.7 | 408.4 | 470.7 | 559.6 | 645.8 | 734.4 | 898.3 | 1424.1 |
| -30° | 117.8 | 206.7 | 368.0 | 391.1 | 400.3 | 442.7 | 514.3 | 601.1 | 680.2 | 769.4 | 1060.9 |
| -32.5° | 103.1 | 148.6 | 317.7 | 381.5 | 396.9 | 412.7 | 470.0 | 550.3 | 629.4 | 705.4 | 790.8 |
| -35° | 92.7 | 131.4 | 245.8 | 371.3 | 392.5 | 400.2 | 435.9 | 495.7 | 574.7 | 646.7 | 719.3 |
| -37.5° | 89.9 | 113.3 | 169.8 | 328.2 | 380.9 | 396.0 | 402.6 | 451.6 | 513.8 | 587.0 | 652.4 |
| -40° | 87.0 | 94.2 | 134.3 | 241.7 | 368.7 | 387.9 | 397.9 | 411.8 | 459.5 | 519.8 | 587.0 |
| -42.5° | 83.6 | 90.4 | 112.5 | 151.4 | 293.7 | 374.3 | 392.1 | 398.8 | 415.7 | 459.5 | 513.8 |
| -45° | 77.2 | 87.0 | 93.1 | 125.8 | 192.7 | 325.2 | 377.0 | 393.5 | 398.8 | 411.8 | 451.6 |
| -47.5° | 70.7 | 82.4 | 89.1 | 100.4 | 133.8 | 213.5 | 335.8 | 377.0 | 392.1 | 397.9 | 402.6 |
| -50° | 64.7 | 74.9 | 85.1 | 90.4 | 105.7 | 136.5 | 213.5 | 325.2 | 374.3 | 387.9 | 396.0 |
| -52.5° | 61.2 | 67.3 | 77.5 | 85.9 | 90.9 | 105.7 | 133.8 | 192.7 | 293.7 | 368.7 | 380.9 |
| -55° | 57.5 | 62.5 | 69.0 | 78.4 | 85.9 | 90.4 | 100.4 | 125.8 | 151.4 | 241.7 | 328.2 |
| -57.5° | 53.8 | 58.4 | 62.9 | 69.0 | 77.5 | 85.1 | 89.1 | 93.1 | 112.5 | 134.3 | 169.8 |
| -60° | 50.0 | 54.2 | 58.4 | 62.5 | 67.3 | 74.9 | 82.4 | 87.0 | 90.4 | 94.2 | 113.3 |
| -62.5° | 46.1 | 50.0 | 53.8 | 57.5 | 61.2 | 64.7 | 70.7 | 77.2 | 83.6 | 87.0 | 89.9 |
| -65° | 42.2 | 45.7 | 49.1 | 52.5 | 55.9 | 59.1 | 62.2 | 65.2 | 70.5 | 76.0 | 81.2 |
| -67.5° | 38.2 | 41.3 | 44.4 | 47.5 | 50.5 | 53.3 | 56.1 | 58.8 | 61.4 | 63.9 | 66.9 |
| -70° | 34.1 | 36.9 | 39.7 | 42.4 | 45.0 | 47.6 | 50.0 | 52.4 | 54.7 | 56.9 | 59.0 |
| -72.5° | 29.9 | 32.4 | 34.9 | 37.2 | 39.5 | 41.8 | 43.9 | 46.0 | 48.0 | 49.9 | 51.7 |
| -75° | 25.7 | 27.9 | 30.0 | 32.0 | 34.0 | 35.9 | 37.8 | 39.5 | 41.2 | 42.8 | 44.4 |
| -77.5° | 21.5 | 23.3 | 25.0 | 26.7 | 28.4 | 30.0 | 31.5 | 33.0 | 34.4 | 35.8 | 37.1 |
| -80° | 18.7 | 18.7 | 20.0 | 21.4 | 22.7 | 24.0 | 25.2 | 26.4 | 27.6 | 28.6 | 29.7 |
| -82.5° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.9 | 19.8 | 20.7 | 21.5 | 22.2 |
| -85° | 17.3 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| -87.5° | 8.6 | 9.3 | 10.0 | 10.7 | 11.4 | 12.0 | 12.6 | 13.2 | 13.8 | 14.3 | 14.8 |
| -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: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-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° | 15.3 | 15.8 | 16.2 | 16.6 | 16.9 | 17.3 | 17.6 | 17.8 | 18.1 | 18.3 | 18.4 |
| 85° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| 82.5° | 23.0 | 23.7 | 24.3 | 24.9 | 25.4 | 25.9 | 26.4 | 26.8 | 27.1 | 27.4 | 27.7 |
| 80° | 30.6 | 31.6 | 32.4 | 33.2 | 33.9 | 34.6 | 35.2 | 35.7 | 36.2 | 36.6 | 36.9 |
| 77.5° | 38.3 | 39.4 | 40.5 | 41.5 | 42.4 | 43.2 | 44.0 | 44.6 | 45.2 | 45.7 | 46.1 |
| 75° | 45.8 | 47.2 | 48.5 | 49.7 | 50.8 | 51.8 | 52.7 | 53.5 | 54.2 | 54.8 | 55.3 |
| 72.5° | 53.4 | 55.0 | 56.6 | 58.0 | 59.3 | 60.4 | 61.5 | 62.5 | 63.3 | 64.0 | 64.6 |
| 70° | 61.0 | 62.8 | 64.6 | 66.8 | 69.8 | 72.5 | 74.9 | 77.1 | 79.0 | 80.6 | 81.9 |
| 67.5° | 71.4 | 75.5 | 79.5 | 83.1 | 85.4 | 87.0 | 88.3 | 89.6 | 90.7 | 91.6 | 92.3 |
| 65° | 85.3 | 87.6 | 89.8 | 91.9 | 94.2 | 104.5 | 113.9 | 122.2 | 129.5 | 135.7 | 140.8 |
| 62.5° | 92.7 | 103.1 | 117.8 | 131.4 | 144.0 | 171.6 | 211.6 | 247.1 | 278.2 | 304.6 | 326.4 |
| 60° | 131.4 | 148.6 | 206.7 | 264.4 | 317.7 | 365.5 | 371.3 | 376.4 | 380.9 | 384.7 | 387.9 |
| 57.5° | 245.8 | 317.7 | 368.0 | 376.2 | 383.8 | 390.8 | 394.7 | 396.6 | 398.3 | 399.7 | 400.8 |
| 55° | 371.3 | 381.5 | 391.1 | 395.7 | 398.5 | 401.0 | 406.3 | 422.8 | 437.2 | 449.5 | 459.7 |
| 52.5° | 392.5 | 396.9 | 400.3 | 408.4 | 432.5 | 454.6 | 474.7 | 500.0 | 523.6 | 543.8 | 560.4 |
| 50° | 400.2 | 412.7 | 442.7 | 470.7 | 506.3 | 542.3 | 574.9 | 603.1 | 626.6 | 646.8 | 663.4 |
| 47.5° | 435.9 | 470.0 | 514.3 | 559.6 | 600.8 | 636.5 | 669.0 | 699.0 | 729.2 | 755.2 | 776.6 |
| 45° | 495.7 | 550.3 | 601.1 | 645.8 | 687.4 | 731.9 | 773.4 | 810.6 | 973.8 | 1131.9 | 1262.8 |
| 42.5° | 574.7 | 629.4 | 680.2 | 734.4 | 787.3 | 933.9 | 1185.5 | 1411.8 | 1857.7 | 2405.7 | 2860.1 |
| 40° | 646.7 | 705.4 | 769.4 | 898.3 | 1217.2 | 1543.5 | 2408.9 | 3189.7 | 4312.1 | 6206.3 | 7780.1 |
| 37.5° | 719.3 | 790.8 | 1060.9 | 1424.1 | 2349.6 | 3363.9 | 5636.7 | 8322.0 | 10758.4 | 14477.5 | 17574.5 |
| 35° | 797.9 | 1143.2 | 1662.2 | 2898.0 | 4896.4 | 8361.8 | 12302.2 | 17546.2 | 22210.6 | 26513.5 | 30178.3 |
| 32.5° | 1143.2 | 1797.4 | 3175.7 | 6257.0 | 10220.7 | 16603.1 | 22818.7 | 28936.4 | 34427.8 | 38873.0 | 42308.7 |
| 30° | 1662.2 | 3175.7 | 6714.6 | 11591.2 | 19235.8 | 26705.7 | 33966.2 | 40082.9 | 45200.8 | 49194.1 | 51268.4 |
| 27.5° | 2898.0 | 6257.0 | 11591.2 | 20122.4 | 28698.3 | 37028.8 | 43734.4 | 49322.2 | 52390.5 | 55081.8 | 56329.3 |
| 25° | 4896.4 | 10220.7 | 19235.8 | 28698.3 | 37924.3 | 45595.5 | 50922.5 | 54600.6 | 56645.7 | 58252.9 | 60066.1 |
| 22.5° | 8361.8 | 16603.1 | 26705.7 | 37028.8 | 45595.5 | 51463.6 | 55442.1 | 57612.3 | 60029.5 | 62592.3 | 65380.7 |
| 20° | 12302.2 | 22818.7 | 33966.2 | 43734.4 | 50922.5 | 55442.1 | 57940.1 | 61033.0 | 64400.1 | 68894.2 | 73272.1 |
| 17.5° | 17546.2 | 28936.4 | 40082.9 | 49322.2 | 54600.6 | 57612.3 | 61033.0 | 65259.1 | 70715.8 | 78039.6 | 85179.2 |
| 15° | 22210.6 | 34427.8 | 45200.8 | 52390.5 | 56645.7 | 60029.5 | 64400.1 | 70715.8 | 79674.8 | 90900.8 | 104641.3 |
| 12.5° | 26513.5 | 38873.0 | 49194.1 | 55081.8 | 58252.9 | 62592.3 | 68894.2 | 78039.6 | 90900.8 | 107978.6 | 136102.1 |
| 10° | 30178.3 | 42308.7 | 51268.4 | 56329.3 | 60066.1 | 65380.7 | 73272.1 | 85179.2 | 104641.3 | 136102.1 | 177643.5 |
| 7.5° | 33077.1 | 45033.8 | 52919.3 | 57321.9 | 61662.9 | 68213.6 | 78504.3 | 95016.9 | 122488.2 | 165474.4 | 242461.4 |
| 5° | 35174.8 | 47010.2 | 54119.9 | 58046.3 | 62833.3 | 70302.1 | 82391.5 | 102631.8 | 138998.9 | 201618.4 | 309107.2 |
| 2.5° | 36444.5 | 48208.4 | 54849.2 | 58487.4 | 63548.3 | 71583.4 | 84790.2 | 107369.2 | 149394.5 | 230352.0 | 366884.9 |
| 0° | 36869.7 | 48609.9 | 55093.8 | 58635.5 | 63788.8 | 72015.4 | 85601.5 | 108978.8 | 152950.8 | 241419.4 | 388195.6 |
| -2.5° | 36444.5 | 48208.4 | 54849.2 | 58487.4 | 63548.3 | 71583.4 | 84790.2 | 107369.2 | 149394.5 | 230352.0 | 366884.9 |
| -5° | 35174.8 | 47010.2 | 54119.9 | 58046.3 | 62833.3 | 70302.1 | 82391.5 | 102631.8 | 138998.9 | 201618.4 | 309107.2 |
| -7.5° | 33077.1 | 45033.8 | 52919.3 | 57321.9 | 61662.9 | 68213.6 | 78504.3 | 95016.9 | 122488.2 | 165474.4 | 242461.4 |
| -10° | 30178.3 | 42308.7 | 51268.4 | 56329.3 | 60066.1 | 65380.7 | 73272.1 | 85179.2 | 104641.3 | 136102.1 | 177643.5 |
| -12.5° | 26513.5 | 38873.0 | 49194.1 | 55081.8 | 58252.9 | 62592.3 | 68894.2 | 78039.6 | 90900.8 | 107978.6 | 136102.1 |
| -15° | 22210.6 | 34427.8 | 45200.8 | 52390.5 | 56645.7 | 60029.5 | 64400.1 | 70715.8 | 79674.8 | 90900.8 | 104641.3 |
| -17.5° | 17546.2 | 28936.4 | 40082.9 | 49322.2 | 54600.6 | 57612.3 | 61033.0 | 65259.1 | 70715.8 | 78039.6 | 85179.2 |
| -20° | 12302.2 | 22818.7 | 33966.2 | 43734.4 | 50922.5 | 55442.1 | 57940.1 | 61033.0 | 64400.1 | 68894.2 | 73272.1 |



REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 8361.8 | 16603.1 | 26705.7 | 37028.8 | 45595.5 | 51463.6 | 55442.1 | 57612.3 | 60029.5 | 62592.3 | 65380.7 |
| -25° | 4896.4 | 10220.7 | 19235.8 | 28698.3 | 37924.3 | 45595.5 | 50922.5 | 54600.6 | 56645.7 | 58252.9 | 60066.1 |
| -27.5° | 2898.0 | 6257.0 | 11591.2 | 20122.4 | 28698.3 | 37028.8 | 43734.4 | 49322.2 | 52390.5 | 55081.8 | 56329.3 |
| -30° | 1662.2 | 3175.7 | 6714.6 | 11591.2 | 19235.8 | 26705.7 | 33966.2 | 40082.9 | 45200.8 | 49194.1 | 51268.4 |
| -32.5° | 1143.2 | 1797.4 | 3175.7 | 6257.0 | 10220.7 | 16603.1 | 22818.7 | 28936.4 | 34427.8 | 38873.0 | 42308.7 |
| -35° | 797.9 | 1143.2 | 1662.2 | 2898.0 | 4896.4 | 8361.8 | 12302.2 | 17546.2 | 22210.6 | 26513.5 | 30178.3 |
| -37.5° | 719.3 | 790.8 | 1060.9 | 1424.1 | 2349.6 | 3363.9 | 5636.7 | 8322.0 | 10758.4 | 14477.5 | 17574.5 |
| -40° | 646.7 | 705.4 | 769.4 | 898.3 | 1217.2 | 1543.5 | 2408.9 | 3189.7 | 4312.1 | 6206.3 | 7780.1 |
| -42.5° | 574.7 | 629.4 | 680.2 | 734.4 | 787.3 | 933.9 | 1185.5 | 1411.8 | 1857.7 | 2405.7 | 2860.1 |
| -45° | 495.7 | 550.3 | 601.1 | 645.8 | 687.4 | 731.9 | 773.4 | 810.6 | 973.8 | 1131.9 | 1262.8 |
| -47.5° | 435.9 | 470.0 | 514.3 | 559.6 | 600.8 | 636.5 | 669.0 | 699.0 | 729.2 | 755.2 | 776.6 |
| -50° | 400.2 | 412.7 | 442.7 | 470.7 | 506.3 | 542.3 | 574.9 | 603.1 | 626.6 | 646.8 | 663.4 |
| -52.5° | 392.5 | 396.9 | 400.3 | 408.4 | 432.5 | 454.6 | 474.7 | 500.0 | 523.6 | 543.8 | 560.4 |
| -55° | 371.3 | 381.5 | 391.1 | 395.7 | 398.5 | 401.0 | 406.3 | 422.8 | 437.2 | 449.5 | 459.7 |
| -57.5° | 245.8 | 317.7 | 368.0 | 376.2 | 383.8 | 390.8 | 394.7 | 396.6 | 398.3 | 399.7 | 400.8 |
| -60° | 131.4 | 148.6 | 206.7 | 264.4 | 317.7 | 365.5 | 371.3 | 376.4 | 380.9 | 384.7 | 387.9 |
| -62.5° | 92.7 | 103.1 | 117.8 | 131.4 | 144.0 | 171.6 | 211.6 | 247.1 | 278.2 | 304.6 | 326.4 |
| -65° | 85.3 | 87.6 | 89.8 | 91.9 | 94.2 | 104.5 | 113.9 | 122.2 | 129.5 | 135.7 | 140.8 |
| -67.5° | 71.4 | 75.5 | 79.5 | 83.1 | 85.4 | 87.0 | 88.3 | 89.6 | 90.7 | 91.6 | 92.3 |
| -70° | 61.0 | 62.8 | 64.6 | 66.8 | 69.8 | 72.5 | 74.9 | 77.1 | 79.0 | 80.6 | 81.9 |
| -72.5° | 53.4 | 55.0 | 56.6 | 58.0 | 59.3 | 60.4 | 61.5 | 62.5 | 63.3 | 64.0 | 64.6 |
| -75° | 45.8 | 47.2 | 48.5 | 49.7 | 50.8 | 51.8 | 52.7 | 53.5 | 54.2 | 54.8 | 55.3 |
| -77.5° | 38.3 | 39.4 | 40.5 | 41.5 | 42.4 | 43.2 | 44.0 | 44.6 | 45.2 | 45.7 | 46.1 |
| -80° | 30.6 | 31.6 | 32.4 | 33.2 | 33.9 | 34.6 | 35.2 | 35.7 | 36.2 | 36.6 | 36.9 |
| -82.5° | 23.0 | 23.7 | 24.3 | 24.9 | 25.4 | 25.9 | 26.4 | 26.8 | 27.1 | 27.4 | 27.7 |
| -85° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| -87.5° | 15.3 | 15.8 | 16.2 | 16.6 | 16.9 | 17.3 | 17.6 | 17.8 | 18.1 | 18.3 | 18.4 |
| -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: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-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° | 18.5 | 18.6 | 18.7 | 18.7 | 18.7 | 18.6 | 18.5 | 18.4 | 18.3 | 18.1 | 17.8 |
| 85° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| 82.5° | 27.9 | 28.0 | 28.1 | 28.1 | 28.1 | 28.0 | 27.9 | 27.7 | 27.4 | 27.1 | 26.8 |
| 80° | 37.2 | 37.4 | 37.5 | 37.5 | 37.5 | 37.4 | 37.2 | 36.9 | 36.6 | 36.2 | 35.7 |
| 77.5° | 46.4 | 46.6 | 46.8 | 46.8 | 46.8 | 46.6 | 46.4 | 46.1 | 45.7 | 45.2 | 44.6 |
| 75° | 55.7 | 56.0 | 56.1 | 56.2 | 56.1 | 56.0 | 55.7 | 55.3 | 54.8 | 54.2 | 53.5 |
| 72.5° | 65.0 | 65.3 | 65.5 | 65.6 | 65.5 | 65.3 | 65.0 | 64.6 | 64.0 | 63.3 | 62.5 |
| 70° | 83.0 | 83.7 | 84.2 | 84.3 | 84.2 | 83.7 | 83.0 | 81.9 | 80.6 | 79.0 | 77.1 |
| 67.5° | 92.9 | 93.4 | 93.6 | 93.7 | 93.6 | 93.4 | 92.9 | 92.3 | 91.6 | 90.7 | 89.6 |
| 65° | 144.8 | 147.6 | 149.3 | 149.9 | 149.3 | 147.6 | 144.8 | 140.8 | 135.7 | 129.5 | 122.2 |
| 62.5° | 343.4 | 355.6 | 363.0 | 365.4 | 363.0 | 355.6 | 343.4 | 326.4 | 304.6 | 278.2 | 247.1 |
| 60° | 390.3 | 392.1 | 393.1 | 393.5 | 393.1 | 392.1 | 390.3 | 387.9 | 384.7 | 380.9 | 376.4 |
| 57.5° | 401.7 | 402.4 | 402.8 | 402.9 | 402.8 | 402.4 | 401.7 | 400.8 | 399.7 | 398.3 | 396.6 |
| 55° | 467.6 | 473.3 | 476.8 | 477.9 | 476.8 | 473.3 | 467.6 | 459.7 | 449.5 | 437.2 | 422.8 |
| 52.5° | 573.4 | 582.8 | 588.4 | 590.3 | 588.4 | 582.8 | 573.4 | 560.4 | 543.8 | 523.6 | 500.0 |
| 50° | 676.5 | 685.9 | 691.5 | 693.4 | 691.5 | 685.9 | 676.5 | 663.4 | 646.8 | 626.6 | 603.1 |
| 47.5° | 793.4 | 805.5 | 812.8 | 815.2 | 812.8 | 805.5 | 793.4 | 776.6 | 755.2 | 729.2 | 699.0 |
| 45° | 1365.7 | 1439.7 | 1484.3 | 1499.2 | 1484.3 | 1439.7 | 1365.7 | 1262.8 | 1131.9 | 973.8 | 810.6 |
| 42.5° | 3217.5 | 3475.0 | 3630.4 | 3682.3 | 3630.4 | 3475.0 | 3217.5 | 2860.1 | 2405.7 | 1857.7 | 1411.8 |
| 40° | 9019.8 | 9914.0 | 10454.0 | 10634.6 | 10454.0 | 9914.0 | 9019.8 | 7780.1 | 6206.3 | 4312.1 | 3189.7 |
| 37.5° | 20018.7 | 21784.2 | 22851.5 | 23208.7 | 22851.5 | 21784.2 | 20018.7 | 17574.5 | 14477.5 | 10758.4 | 8322.0 |
| 35° | 33077.1 | 35174.8 | 36444.5 | 36869.7 | 36444.5 | 35174.8 | 33077.1 | 30178.3 | 26513.5 | 22210.6 | 17546.2 |
| 32.5° | 45033.8 | 47010.2 | 48208.4 | 48609.9 | 48208.4 | 47010.2 | 45033.8 | 42308.7 | 38873.0 | 34427.8 | 28936.4 |
| 30° | 52919.3 | 54119.9 | 54849.2 | 55093.8 | 54849.2 | 54119.9 | 52919.3 | 51268.4 | 49194.1 | 45200.8 | 40082.9 |
| 27.5° | 57321.9 | 58046.3 | 58487.4 | 58635.5 | 58487.4 | 58046.3 | 57321.9 | 56329.3 | 55081.8 | 52390.5 | 49322.2 |
| 25° | 61662.9 | 62833.3 | 63548.3 | 63788.8 | 63548.3 | 62833.3 | 61662.9 | 60066.1 | 58252.9 | 56645.7 | 54600.6 |
| 22.5° | 68213.6 | 70302.1 | 71583.4 | 72015.4 | 71583.4 | 70302.1 | 68213.6 | 65380.7 | 62592.3 | 60029.5 | 57612.3 |
| 20° | 78504.3 | 82391.5 | 84790.2 | 85601.5 | 84790.2 | 82391.5 | 78504.3 | 73272.1 | 68894.2 | 64400.1 | 61033.0 |
| 17.5° | 95016.9 | 102631.8 | 107369.2 | 108978.8 | 107369.2 | 102631.8 | 95016.9 | 85179.2 | 78039.6 | 70715.8 | 65259.1 |
| 15° | 122488.2 | 138998.9 | 149394.5 | 152950.8 | 149394.5 | 138998.9 | 122488.2 | 104641.3 | 90900.8 | 79674.8 | 70715.8 |
| 12.5° | 165474.4 | 201618.4 | 230352.0 | 241419.4 | 230352.0 | 201618.4 | 165474.4 | 136102.1 | 107978.6 | 90900.8 | 78039.6 |
| 10° | 242461.4 | 309107.2 | 366884.9 | 388195.6 | 366884.9 | 309107.2 | 242461.4 | 177643.5 | 136102.1 | 104641.3 | 85179.2 |
| 7.5° | 346829.5 | 482947.1 | 625474.2 | 686503.0 | 625474.2 | 482947.1 | 346829.5 | 242461.4 | 165474.4 | 122488.2 | 95016.9 |
| 5° | 482947.1 | 752068.9 | 957051.2 | ##### | 957051.2 | 752068.9 | 482947.1 | 309107.2 | 201618.4 | 138998.9 | 102631.8 |
| 2.5° | 625474.2 | 957051.2 | ##### | ##### | ##### | 957051.2 | 625474.2 | 366884.9 | 230352.0 | 149394.5 | 107369.2 |
| 0° | 686503.0 | ##### | ##### | ##### | ##### | ##### | 686503.0 | 388195.6 | 241419.4 | 152950.8 | 108978.8 |
| -2.5° | 625474.2 | 957051.2 | ##### | ##### | ##### | 957051.2 | 625474.2 | 366884.9 | 230352.0 | 149394.5 | 107369.2 |
| -5° | 482947.1 | 752068.9 | 957051.2 | ##### | 957051.2 | 752068.9 | 482947.1 | 309107.2 | 201618.4 | 138998.9 | 102631.8 |
| -7.5° | 346829.5 | 482947.1 | 625474.2 | 686503.0 | 625474.2 | 482947.1 | 346829.5 | 242461.4 | 165474.4 | 122488.2 | 95016.9 |
| -10° | 242461.4 | 309107.2 | 366884.9 | 388195.6 | 366884.9 | 309107.2 | 242461.4 | 177643.5 | 136102.1 | 104641.3 | 85179.2 |
| -12.5° | 165474.4 | 201618.4 | 230352.0 | 241419.4 | 230352.0 | 201618.4 | 165474.4 | 136102.1 | 107978.6 | 90900.8 | 78039.6 |
| -15° | 122488.2 | 138998.9 | 149394.5 | 152950.8 | 149394.5 | 138998.9 | 122488.2 | 104641.3 | 90900.8 | 79674.8 | 70715.8 |
| -17.5° | 95016.9 | 102631.8 | 107369.2 | 108978.8 | 107369.2 | 102631.8 | 95016.9 | 85179.2 | 78039.6 | 70715.8 | 65259.1 |
| -20° | 78504.3 | 82391.5 | 84790.2 | 85601.5 | 84790.2 | 82391.5 | 78504.3 | 73272.1 | 68894.2 | 64400.1 | 61033.0 |



REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 68213.6 | 70302.1 | 71583.4 | 72015.4 | 71583.4 | 70302.1 | 68213.6 | 65380.7 | 62592.3 | 60029.5 | 57612.3 |
| -25° | 61662.9 | 62833.3 | 63548.3 | 63788.8 | 63548.3 | 62833.3 | 61662.9 | 60066.1 | 58252.9 | 56645.7 | 54600.6 |
| -27.5° | 57321.9 | 58046.3 | 58487.4 | 58635.5 | 58487.4 | 58046.3 | 57321.9 | 56329.3 | 55081.8 | 52390.5 | 49322.2 |
| -30° | 52919.3 | 54119.9 | 54849.2 | 55093.8 | 54849.2 | 54119.9 | 52919.3 | 51268.4 | 49194.1 | 45200.8 | 40082.9 |
| -32.5° | 45033.8 | 47010.2 | 48208.4 | 48609.9 | 48208.4 | 47010.2 | 45033.8 | 42308.7 | 38873.0 | 34427.8 | 28936.4 |
| -35° | 33077.1 | 35174.8 | 36444.5 | 36869.7 | 36444.5 | 35174.8 | 33077.1 | 30178.3 | 26513.5 | 22210.6 | 17546.2 |
| -37.5° | 20018.7 | 21784.2 | 22851.5 | 23208.7 | 22851.5 | 21784.2 | 20018.7 | 17574.5 | 14477.5 | 10758.4 | 8322.0 |
| -40° | 9019.8 | 9914.0 | 10454.0 | 10634.6 | 10454.0 | 9914.0 | 9019.8 | 7780.1 | 6206.3 | 4312.1 | 3189.7 |
| -42.5° | 3217.5 | 3475.0 | 3630.4 | 3682.3 | 3630.4 | 3475.0 | 3217.5 | 2860.1 | 2405.7 | 1857.7 | 1411.8 |
| -45° | 1365.7 | 1439.7 | 1484.3 | 1499.2 | 1484.3 | 1439.7 | 1365.7 | 1262.8 | 1131.9 | 973.8 | 810.6 |
| -47.5° | 793.4 | 805.5 | 812.8 | 815.2 | 812.8 | 805.5 | 793.4 | 776.6 | 755.2 | 729.2 | 699.0 |
| -50° | 676.5 | 685.9 | 691.5 | 693.4 | 691.5 | 685.9 | 676.5 | 663.4 | 646.8 | 626.6 | 603.1 |
| -52.5° | 573.4 | 582.8 | 588.4 | 590.3 | 588.4 | 582.8 | 573.4 | 560.4 | 543.8 | 523.6 | 500.0 |
| -55° | 467.6 | 473.3 | 476.8 | 477.9 | 476.8 | 473.3 | 467.6 | 459.7 | 449.5 | 437.2 | 422.8 |
| -57.5° | 401.7 | 402.4 | 402.8 | 402.9 | 402.8 | 402.4 | 401.7 | 400.8 | 399.7 | 398.3 | 396.6 |
| -60° | 390.3 | 392.1 | 393.1 | 393.5 | 393.1 | 392.1 | 390.3 | 387.9 | 384.7 | 380.9 | 376.4 |
| -62.5° | 343.4 | 355.6 | 363.0 | 365.4 | 363.0 | 355.6 | 343.4 | 326.4 | 304.6 | 278.2 | 247.1 |
| -65° | 144.8 | 147.6 | 149.3 | 149.9 | 149.3 | 147.6 | 144.8 | 140.8 | 135.7 | 129.5 | 122.2 |
| -67.5° | 92.9 | 93.4 | 93.6 | 93.7 | 93.6 | 93.4 | 92.9 | 92.3 | 91.6 | 90.7 | 89.6 |
| -70° | 83.0 | 83.7 | 84.2 | 84.3 | 84.2 | 83.7 | 83.0 | 81.9 | 80.6 | 79.0 | 77.1 |
| -72.5° | 65.0 | 65.3 | 65.5 | 65.6 | 65.5 | 65.3 | 65.0 | 64.6 | 64.0 | 63.3 | 62.5 |
| -75° | 55.7 | 56.0 | 56.1 | 56.2 | 56.1 | 56.0 | 55.7 | 55.3 | 54.8 | 54.2 | 53.5 |
| -77.5° | 46.4 | 46.6 | 46.8 | 46.8 | 46.8 | 46.6 | 46.4 | 46.1 | 45.7 | 45.2 | 44.6 |
| -80° | 37.2 | 37.4 | 37.5 | 37.5 | 37.5 | 37.4 | 37.2 | 36.9 | 36.6 | 36.2 | 35.7 |
| -82.5° | 27.9 | 28.0 | 28.1 | 28.1 | 28.1 | 28.0 | 27.9 | 27.7 | 27.4 | 27.1 | 26.8 |
| -85° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| -87.5° | 18.5 | 18.6 | 18.7 | 18.7 | 18.7 | 18.6 | 18.5 | 18.4 | 18.3 | 18.1 | 17.8 |
| -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: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-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° | 17.6 | 17.3 | 16.9 | 16.6 | 16.2 | 15.8 | 15.3 | 14.8 | 14.3 | 13.8 | 13.2 |
| 85° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| 82.5° | 26.4 | 25.9 | 25.4 | 24.9 | 24.3 | 23.7 | 23.0 | 22.2 | 21.5 | 20.7 | 19.8 |
| 80° | 35.2 | 34.6 | 33.9 | 33.2 | 32.4 | 31.6 | 30.6 | 29.7 | 28.6 | 27.6 | 26.4 |
| 77.5° | 44.0 | 43.2 | 42.4 | 41.5 | 40.5 | 39.4 | 38.3 | 37.1 | 35.8 | 34.4 | 33.0 |
| 75° | 52.7 | 51.8 | 50.8 | 49.7 | 48.5 | 47.2 | 45.8 | 44.4 | 42.8 | 41.2 | 39.5 |
| 72.5° | 61.5 | 60.4 | 59.3 | 58.0 | 56.6 | 55.0 | 53.4 | 51.7 | 49.9 | 48.0 | 46.0 |
| 70° | 74.9 | 72.5 | 69.8 | 66.8 | 64.6 | 62.8 | 61.0 | 59.0 | 56.9 | 54.7 | 52.4 |
| 67.5° | 88.3 | 87.0 | 85.4 | 83.1 | 79.5 | 75.5 | 71.4 | 66.9 | 63.9 | 61.4 | 58.8 |
| 65° | 113.9 | 104.5 | 94.2 | 91.9 | 89.8 | 87.6 | 85.3 | 81.2 | 76.0 | 70.5 | 65.2 |
| 62.5° | 211.6 | 171.6 | 144.0 | 131.4 | 117.8 | 103.1 | 92.7 | 89.9 | 87.0 | 83.6 | 77.2 |
| 60° | 371.3 | 365.5 | 317.7 | 264.4 | 206.7 | 148.6 | 131.4 | 113.3 | 94.2 | 90.4 | 87.0 |
| 57.5° | 394.7 | 390.8 | 383.8 | 376.2 | 368.0 | 317.7 | 245.8 | 169.8 | 134.3 | 112.5 | 93.1 |
| 55° | 406.3 | 401.0 | 398.5 | 395.7 | 391.1 | 381.5 | 371.3 | 328.2 | 241.7 | 151.4 | 125.8 |
| 52.5° | 474.7 | 454.6 | 432.5 | 408.4 | 400.3 | 396.9 | 392.5 | 380.9 | 368.7 | 293.7 | 192.7 |
| 50° | 574.9 | 542.3 | 506.3 | 470.7 | 442.7 | 412.7 | 400.2 | 396.0 | 387.9 | 374.3 | 325.2 |
| 47.5° | 669.0 | 636.5 | 600.8 | 559.6 | 514.3 | 470.0 | 435.9 | 402.6 | 397.9 | 392.1 | 377.0 |
| 45° | 773.4 | 731.9 | 687.4 | 645.8 | 601.1 | 550.3 | 495.7 | 451.6 | 411.8 | 398.8 | 393.5 |
| 42.5° | 1185.5 | 933.9 | 787.3 | 734.4 | 680.2 | 629.4 | 574.7 | 513.8 | 459.5 | 415.7 | 398.8 |
| 40° | 2408.9 | 1543.5 | 1217.2 | 898.3 | 769.4 | 705.4 | 646.7 | 587.0 | 519.8 | 459.5 | 411.8 |
| 37.5° | 5636.7 | 3363.9 | 2349.6 | 1424.1 | 1060.9 | 790.8 | 719.3 | 652.4 | 587.0 | 513.8 | 451.6 |
| 35° | 12302.2 | 8361.8 | 4896.4 | 2898.0 | 1662.2 | 1143.2 | 797.9 | 719.3 | 646.7 | 574.7 | 495.7 |
| 32.5° | 22818.7 | 16603.1 | 10220.7 | 6257.0 | 3175.7 | 1797.4 | 1143.2 | 790.8 | 705.4 | 629.4 | 550.3 |
| 30° | 33966.2 | 26705.7 | 19235.8 | 11591.2 | 6714.6 | 3175.7 | 1662.2 | 1060.9 | 769.4 | 680.2 | 601.1 |
| 27.5° | 43734.4 | 37028.8 | 28698.3 | 20122.4 | 11591.2 | 6257.0 | 2898.0 | 1424.1 | 898.3 | 734.4 | 645.8 |
| 25° | 50922.5 | 45595.5 | 37924.3 | 28698.3 | 19235.8 | 10220.7 | 4896.4 | 2349.6 | 1217.2 | 787.3 | 687.4 |
| 22.5° | 55442.1 | 51463.6 | 45595.5 | 37028.8 | 26705.7 | 16603.1 | 8361.8 | 3363.9 | 1543.5 | 933.9 | 731.9 |
| 20° | 57940.1 | 55442.1 | 50922.5 | 43734.4 | 33966.2 | 22818.7 | 12302.2 | 5636.7 | 2408.9 | 1185.5 | 773.4 |
| 17.5° | 61033.0 | 57612.3 | 54600.6 | 49322.2 | 40082.9 | 28936.4 | 17546.2 | 8322.0 | 3189.7 | 1411.8 | 810.6 |
| 15° | 64400.1 | 60029.5 | 56645.7 | 52390.5 | 45200.8 | 34427.8 | 22210.6 | 10758.4 | 4312.1 | 1857.7 | 973.8 |
| 12.5° | 68894.2 | 62592.3 | 58252.9 | 55081.8 | 49194.1 | 38873.0 | 26513.5 | 14477.5 | 6206.3 | 2405.7 | 1131.9 |
| 10° | 73272.1 | 65380.7 | 60066.1 | 56329.3 | 51268.4 | 42308.7 | 30178.3 | 17574.5 | 7780.1 | 2860.1 | 1262.8 |
| 7.5° | 78504.3 | 68213.6 | 61662.9 | 57321.9 | 52919.3 | 45033.8 | 33077.1 | 20018.7 | 9019.8 | 3217.5 | 1365.7 |
| 5° | 82391.5 | 70302.1 | 62833.3 | 58046.3 | 54119.9 | 47010.2 | 35174.8 | 21784.2 | 9914.0 | 3475.0 | 1439.7 |
| 2.5° | 84790.2 | 71583.4 | 63548.3 | 58487.4 | 54849.2 | 48208.4 | 36444.5 | 22851.5 | 10454.0 | 3630.4 | 1484.3 |
| 0° | 85601.5 | 72015.4 | 63788.8 | 58635.5 | 55093.8 | 48609.9 | 36869.7 | 23208.7 | 10634.6 | 3682.3 | 1499.2 |
| -2.5° | 84790.2 | 71583.4 | 63548.3 | 58487.4 | 54849.2 | 48208.4 | 36444.5 | 22851.5 | 10454.0 | 3630.4 | 1484.3 |
| -5° | 82391.5 | 70302.1 | 62833.3 | 58046.3 | 54119.9 | 47010.2 | 35174.8 | 21784.2 | 9914.0 | 3475.0 | 1439.7 |
| -7.5° | 78504.3 | 68213.6 | 61662.9 | 57321.9 | 52919.3 | 45033.8 | 33077.1 | 20018.7 | 9019.8 | 3217.5 | 1365.7 |
| -10° | 73272.1 | 65380.7 | 60066.1 | 56329.3 | 51268.4 | 42308.7 | 30178.3 | 17574.5 | 7780.1 | 2860.1 | 1262.8 |
| -12.5° | 68894.2 | 62592.3 | 58252.9 | 55081.8 | 49194.1 | 38873.0 | 26513.5 | 14477.5 | 6206.3 | 2405.7 | 1131.9 |
| -15° | 64400.1 | 60029.5 | 56645.7 | 52390.5 | 45200.8 | 34427.8 | 22210.6 | 10758.4 | 4312.1 | 1857.7 | 973.8 |
| -17.5° | 61033.0 | 57612.3 | 54600.6 | 49322.2 | 40082.9 | 28936.4 | 17546.2 | 8322.0 | 3189.7 | 1411.8 | 810.6 |
| -20° | 57940.1 | 55442.1 | 50922.5 | 43734.4 | 33966.2 | 22818.7 | 12302.2 | 5636.7 | 2408.9 | 1185.5 | 773.4 |



REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|-------|-------|
| -22.5° | 55442.1 | 51463.6 | 45595.5 | 37028.8 | 26705.7 | 16603.1 | 8361.8 | 3363.9 | 1543.5 | 933.9 | 731.9 |
| -25° | 50922.5 | 45595.5 | 37924.3 | 28698.3 | 19235.8 | 10220.7 | 4896.4 | 2349.6 | 1217.2 | 787.3 | 687.4 |
| -27.5° | 43734.4 | 37028.8 | 28698.3 | 20122.4 | 11591.2 | 6257.0 | 2898.0 | 1424.1 | 898.3 | 734.4 | 645.8 |
| -30° | 33966.2 | 26705.7 | 19235.8 | 11591.2 | 6714.6 | 3175.7 | 1662.2 | 1060.9 | 769.4 | 680.2 | 601.1 |
| -32.5° | 22818.7 | 16603.1 | 10220.7 | 6257.0 | 3175.7 | 1797.4 | 1143.2 | 790.8 | 705.4 | 629.4 | 550.3 |
| -35° | 12302.2 | 8361.8 | 4896.4 | 2898.0 | 1662.2 | 1143.2 | 797.9 | 719.3 | 646.7 | 574.7 | 495.7 |
| -37.5° | 5636.7 | 3363.9 | 2349.6 | 1424.1 | 1060.9 | 790.8 | 719.3 | 652.4 | 587.0 | 513.8 | 451.6 |
| -40° | 2408.9 | 1543.5 | 1217.2 | 898.3 | 769.4 | 705.4 | 646.7 | 587.0 | 519.8 | 459.5 | 411.8 |
| -42.5° | 1185.5 | 933.9 | 787.3 | 734.4 | 680.2 | 629.4 | 574.7 | 513.8 | 459.5 | 415.7 | 398.8 |
| -45° | 773.4 | 731.9 | 687.4 | 645.8 | 601.1 | 550.3 | 495.7 | 451.6 | 411.8 | 398.8 | 393.5 |
| -47.5° | 669.0 | 636.5 | 600.8 | 559.6 | 514.3 | 470.0 | 435.9 | 402.6 | 397.9 | 392.1 | 377.0 |
| -50° | 574.9 | 542.3 | 506.3 | 470.7 | 442.7 | 412.7 | 400.2 | 396.0 | 387.9 | 374.3 | 325.2 |
| -52.5° | 474.7 | 454.6 | 432.5 | 408.4 | 400.3 | 396.9 | 392.5 | 380.9 | 368.7 | 293.7 | 192.7 |
| -55° | 406.3 | 401.0 | 398.5 | 395.7 | 391.1 | 381.5 | 371.3 | 328.2 | 241.7 | 151.4 | 125.8 |
| -57.5° | 394.7 | 390.8 | 383.8 | 376.2 | 368.0 | 317.7 | 245.8 | 169.8 | 134.3 | 112.5 | 93.1 |
| -60° | 371.3 | 365.5 | 317.7 | 264.4 | 206.7 | 148.6 | 131.4 | 113.3 | 94.2 | 90.4 | 87.0 |
| -62.5° | 211.6 | 171.6 | 144.0 | 131.4 | 117.8 | 103.1 | 92.7 | 89.9 | 87.0 | 83.6 | 77.2 |
| -65° | 113.9 | 104.5 | 94.2 | 91.9 | 89.8 | 87.6 | 85.3 | 81.2 | 76.0 | 70.5 | 65.2 |
| -67.5° | 88.3 | 87.0 | 85.4 | 83.1 | 79.5 | 75.5 | 71.4 | 66.9 | 63.9 | 61.4 | 58.8 |
| -70° | 74.9 | 72.5 | 69.8 | 66.8 | 64.6 | 62.8 | 61.0 | 59.0 | 56.9 | 54.7 | 52.4 |
| -72.5° | 61.5 | 60.4 | 59.3 | 58.0 | 56.6 | 55.0 | 53.4 | 51.7 | 49.9 | 48.0 | 46.0 |
| -75° | 52.7 | 51.8 | 50.8 | 49.7 | 48.5 | 47.2 | 45.8 | 44.4 | 42.8 | 41.2 | 39.5 |
| -77.5° | 44.0 | 43.2 | 42.4 | 41.5 | 40.5 | 39.4 | 38.3 | 37.1 | 35.8 | 34.4 | 33.0 |
| -80° | 35.2 | 34.6 | 33.9 | 33.2 | 32.4 | 31.6 | 30.6 | 29.7 | 28.6 | 27.6 | 26.4 |
| -82.5° | 26.4 | 25.9 | 25.4 | 24.9 | 24.3 | 23.7 | 23.0 | 22.2 | 21.5 | 20.7 | 19.8 |
| -85° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| -87.5° | 17.6 | 17.3 | 16.9 | 16.6 | 16.2 | 15.8 | 15.3 | 14.8 | 14.3 | 13.8 | 13.2 |
| -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: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-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° | 12.6 | 12.0 | 11.4 | 10.7 | 10.0 | 9.3 | 8.6 | 7.9 | 7.2 | 6.4 | 5.6 |
| 85° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 17.3 | 15.8 | 14.3 | 12.8 | 11.2 |
| 82.5° | 18.9 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 16.8 |
| 80° | 25.2 | 24.0 | 22.7 | 21.4 | 20.0 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| 77.5° | 31.5 | 30.0 | 28.4 | 26.7 | 25.0 | 23.3 | 21.5 | 19.6 | 18.7 | 18.7 | 18.7 |
| 75° | 37.8 | 35.9 | 34.0 | 32.0 | 30.0 | 27.9 | 25.7 | 23.5 | 21.3 | 19.0 | 18.7 |
| 72.5° | 43.9 | 41.8 | 39.5 | 37.2 | 34.9 | 32.4 | 29.9 | 27.4 | 24.7 | 22.1 | 19.4 |
| 70° | 50.0 | 47.6 | 45.0 | 42.4 | 39.7 | 36.9 | 34.1 | 31.1 | 28.2 | 25.2 | 22.1 |
| 67.5° | 56.1 | 53.3 | 50.5 | 47.5 | 44.4 | 41.3 | 38.2 | 34.9 | 31.6 | 28.2 | 24.7 |
| 65° | 62.2 | 59.1 | 55.9 | 52.5 | 49.1 | 45.7 | 42.2 | 38.6 | 34.9 | 31.1 | 27.4 |
| 62.5° | 70.7 | 64.7 | 61.2 | 57.5 | 53.8 | 50.0 | 46.1 | 42.2 | 38.2 | 34.1 | 29.9 |
| 60° | 82.4 | 74.9 | 67.3 | 62.5 | 58.4 | 54.2 | 50.0 | 45.7 | 41.3 | 36.9 | 32.4 |
| 57.5° | 89.1 | 85.1 | 77.5 | 69.0 | 62.9 | 58.4 | 53.8 | 49.1 | 44.4 | 39.7 | 34.9 |
| 55° | 100.4 | 90.4 | 85.9 | 78.4 | 69.0 | 62.5 | 57.5 | 52.5 | 47.5 | 42.4 | 37.2 |
| 52.5° | 133.8 | 105.7 | 90.9 | 85.9 | 77.5 | 67.3 | 61.2 | 55.9 | 50.5 | 45.0 | 39.5 |
| 50° | 213.5 | 136.5 | 105.7 | 90.4 | 85.1 | 74.9 | 64.7 | 59.1 | 53.3 | 47.6 | 41.8 |
| 47.5° | 335.8 | 213.5 | 133.8 | 100.4 | 89.1 | 82.4 | 70.7 | 62.2 | 56.1 | 50.0 | 43.9 |
| 45° | 377.0 | 325.2 | 192.7 | 125.8 | 93.1 | 87.0 | 77.2 | 65.2 | 58.8 | 52.4 | 46.0 |
| 42.5° | 392.1 | 374.3 | 293.7 | 151.4 | 112.5 | 90.4 | 83.6 | 70.5 | 61.4 | 54.7 | 48.0 |
| 40° | 397.9 | 387.9 | 368.7 | 241.7 | 134.3 | 94.2 | 87.0 | 76.0 | 63.9 | 56.9 | 49.9 |
| 37.5° | 402.6 | 396.0 | 380.9 | 328.2 | 169.8 | 113.3 | 89.9 | 81.2 | 66.9 | 59.0 | 51.7 |
| 35° | 435.9 | 400.2 | 392.5 | 371.3 | 245.8 | 131.4 | 92.7 | 85.3 | 71.4 | 61.0 | 53.4 |
| 32.5° | 470.0 | 412.7 | 396.9 | 381.5 | 317.7 | 148.6 | 103.1 | 87.6 | 75.5 | 62.8 | 55.0 |
| 30° | 514.3 | 442.7 | 400.3 | 391.1 | 368.0 | 206.7 | 117.8 | 89.8 | 79.5 | 64.6 | 56.6 |
| 27.5° | 559.6 | 470.7 | 408.4 | 395.7 | 376.2 | 264.4 | 131.4 | 91.9 | 83.1 | 66.8 | 58.0 |
| 25° | 600.8 | 506.3 | 432.5 | 398.5 | 383.8 | 317.7 | 144.0 | 94.2 | 85.4 | 69.8 | 59.3 |
| 22.5° | 636.5 | 542.3 | 454.6 | 401.0 | 390.8 | 365.5 | 171.6 | 104.5 | 87.0 | 72.5 | 60.4 |
| 20° | 669.0 | 574.9 | 474.7 | 406.3 | 394.7 | 371.3 | 211.6 | 113.9 | 88.3 | 74.9 | 61.5 |
| 17.5° | 699.0 | 603.1 | 500.0 | 422.8 | 396.6 | 376.4 | 247.1 | 122.2 | 89.6 | 77.1 | 62.5 |
| 15° | 729.2 | 626.6 | 523.6 | 437.2 | 398.3 | 380.9 | 278.2 | 129.5 | 90.7 | 79.0 | 63.3 |
| 12.5° | 755.2 | 646.8 | 543.8 | 449.5 | 399.7 | 384.7 | 304.6 | 135.7 | 91.6 | 80.6 | 64.0 |
| 10° | 776.6 | 663.4 | 560.4 | 459.7 | 400.8 | 387.9 | 326.4 | 140.8 | 92.3 | 81.9 | 64.6 |
| 7.5° | 793.4 | 676.5 | 573.4 | 467.6 | 401.7 | 390.3 | 343.4 | 144.8 | 92.9 | 83.0 | 65.0 |
| 5° | 805.5 | 685.9 | 582.8 | 473.3 | 402.4 | 392.1 | 355.6 | 147.6 | 93.4 | 83.7 | 65.3 |
| 2.5° | 812.8 | 691.5 | 588.4 | 476.8 | 402.8 | 393.1 | 363.0 | 149.3 | 93.6 | 84.2 | 65.5 |
| 0° | 815.2 | 693.4 | 590.3 | 477.9 | 402.9 | 393.5 | 365.4 | 149.9 | 93.7 | 84.3 | 65.6 |
| -2.5° | 812.8 | 691.5 | 588.4 | 476.8 | 402.8 | 393.1 | 363.0 | 149.3 | 93.6 | 84.2 | 65.5 |
| -5° | 805.5 | 685.9 | 582.8 | 473.3 | 402.4 | 392.1 | 355.6 | 147.6 | 93.4 | 83.7 | 65.3 |
| -7.5° | 793.4 | 676.5 | 573.4 | 467.6 | 401.7 | 390.3 | 343.4 | 144.8 | 92.9 | 83.0 | 65.0 |
| -10° | 776.6 | 663.4 | 560.4 | 459.7 | 400.8 | 387.9 | 326.4 | 140.8 | 92.3 | 81.9 | 64.6 |
| -12.5° | 755.2 | 646.8 | 543.8 | 449.5 | 399.7 | 384.7 | 304.6 | 135.7 | 91.6 | 80.6 | 64.0 |
| -15° | 729.2 | 626.6 | 523.6 | 437.2 | 398.3 | 380.9 | 278.2 | 129.5 | 90.7 | 79.0 | 63.3 |
| -17.5° | 699.0 | 603.1 | 500.0 | 422.8 | 396.6 | 376.4 | 247.1 | 122.2 | 89.6 | 77.1 | 62.5 |
| -20° | 669.0 | 574.9 | 474.7 | 406.3 | 394.7 | 371.3 | 211.6 | 113.9 | 88.3 | 74.9 | 61.5 |



REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 636.5 | 542.3 | 454.6 | 401.0 | 390.8 | 365.5 | 171.6 | 104.5 | 87.0 | 72.5 | 60.4 |
| -25° | 600.8 | 506.3 | 432.5 | 398.5 | 383.8 | 317.7 | 144.0 | 94.2 | 85.4 | 69.8 | 59.3 |
| -27.5° | 559.6 | 470.7 | 408.4 | 395.7 | 376.2 | 264.4 | 131.4 | 91.9 | 83.1 | 66.8 | 58.0 |
| -30° | 514.3 | 442.7 | 400.3 | 391.1 | 368.0 | 206.7 | 117.8 | 89.8 | 79.5 | 64.6 | 56.6 |
| -32.5° | 470.0 | 412.7 | 396.9 | 381.5 | 317.7 | 148.6 | 103.1 | 87.6 | 75.5 | 62.8 | 55.0 |
| -35° | 435.9 | 400.2 | 392.5 | 371.3 | 245.8 | 131.4 | 92.7 | 85.3 | 71.4 | 61.0 | 53.4 |
| -37.5° | 402.6 | 396.0 | 380.9 | 328.2 | 169.8 | 113.3 | 89.9 | 81.2 | 66.9 | 59.0 | 51.7 |
| -40° | 397.9 | 387.9 | 368.7 | 241.7 | 134.3 | 94.2 | 87.0 | 76.0 | 63.9 | 56.9 | 49.9 |
| -42.5° | 392.1 | 374.3 | 293.7 | 151.4 | 112.5 | 90.4 | 83.6 | 70.5 | 61.4 | 54.7 | 48.0 |
| -45° | 377.0 | 325.2 | 192.7 | 125.8 | 93.1 | 87.0 | 77.2 | 65.2 | 58.8 | 52.4 | 46.0 |
| -47.5° | 335.8 | 213.5 | 133.8 | 100.4 | 89.1 | 82.4 | 70.7 | 62.2 | 56.1 | 50.0 | 43.9 |
| -50° | 213.5 | 136.5 | 105.7 | 90.4 | 85.1 | 74.9 | 64.7 | 59.1 | 53.3 | 47.6 | 41.8 |
| -52.5° | 133.8 | 105.7 | 90.9 | 85.9 | 77.5 | 67.3 | 61.2 | 55.9 | 50.5 | 45.0 | 39.5 |
| -55° | 100.4 | 90.4 | 85.9 | 78.4 | 69.0 | 62.5 | 57.5 | 52.5 | 47.5 | 42.4 | 37.2 |
| -57.5° | 89.1 | 85.1 | 77.5 | 69.0 | 62.9 | 58.4 | 53.8 | 49.1 | 44.4 | 39.7 | 34.9 |
| -60° | 82.4 | 74.9 | 67.3 | 62.5 | 58.4 | 54.2 | 50.0 | 45.7 | 41.3 | 36.9 | 32.4 |
| -62.5° | 70.7 | 64.7 | 61.2 | 57.5 | 53.8 | 50.0 | 46.1 | 42.2 | 38.2 | 34.1 | 29.9 |
| -65° | 62.2 | 59.1 | 55.9 | 52.5 | 49.1 | 45.7 | 42.2 | 38.6 | 34.9 | 31.1 | 27.4 |
| -67.5° | 56.1 | 53.3 | 50.5 | 47.5 | 44.4 | 41.3 | 38.2 | 34.9 | 31.6 | 28.2 | 24.7 |
| -70° | 50.0 | 47.6 | 45.0 | 42.4 | 39.7 | 36.9 | 34.1 | 31.1 | 28.2 | 25.2 | 22.1 |
| -72.5° | 43.9 | 41.8 | 39.5 | 37.2 | 34.9 | 32.4 | 29.9 | 27.4 | 24.7 | 22.1 | 19.4 |
| -75° | 37.8 | 35.9 | 34.0 | 32.0 | 30.0 | 27.9 | 25.7 | 23.5 | 21.3 | 19.0 | 18.7 |
| -77.5° | 31.5 | 30.0 | 28.4 | 26.7 | 25.0 | 23.3 | 21.5 | 19.6 | 18.7 | 18.7 | 18.7 |
| -80° | 25.2 | 24.0 | 22.7 | 21.4 | 20.0 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 |
| -82.5° | 18.9 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 16.8 |
| -85° | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 18.7 | 17.3 | 15.8 | 14.3 | 12.8 | 11.2 |
| -87.5° | 12.6 | 12.0 | 11.4 | 10.7 | 10.0 | 9.3 | 8.6 | 7.9 | 7.2 | 6.4 | 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: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-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° | 4.8 | 4.0 | 3.2 | 2.4 | 1.6 | 0.8 | 0.0 |
| 85° | 9.7 | 8.1 | 6.5 | 4.9 | 3.3 | 1.6 | 0.0 |
| 82.5° | 14.5 | 12.1 | 9.7 | 7.3 | 4.9 | 2.4 | 0.0 |
| 80° | 18.7 | 16.1 | 12.9 | 9.7 | 6.5 | 3.2 | 0.0 |
| 77.5° | 18.7 | 18.7 | 16.1 | 12.1 | 8.1 | 4.0 | 0.0 |
| 75° | 18.7 | 18.7 | 18.7 | 14.5 | 9.7 | 4.8 | 0.0 |
| 72.5° | 18.7 | 18.7 | 18.7 | 16.8 | 11.2 | 5.6 | 0.0 |
| 70° | 19.0 | 18.7 | 18.7 | 18.7 | 12.8 | 6.4 | 0.0 |
| 67.5° | 21.3 | 18.7 | 18.7 | 18.7 | 14.3 | 7.2 | 0.0 |
| 65° | 23.5 | 19.6 | 18.7 | 18.7 | 15.8 | 7.9 | 0.0 |
| 62.5° | 25.7 | 21.5 | 18.7 | 18.7 | 17.3 | 8.6 | 0.0 |
| 60° | 27.9 | 23.3 | 18.7 | 18.7 | 18.7 | 9.3 | 0.0 |
| 57.5° | 30.0 | 25.0 | 20.0 | 18.7 | 18.7 | 10.0 | 0.0 |
| 55° | 32.0 | 26.7 | 21.4 | 18.7 | 18.7 | 10.7 | 0.0 |
| 52.5° | 34.0 | 28.4 | 22.7 | 18.7 | 18.7 | 11.4 | 0.0 |
| 50° | 35.9 | 30.0 | 24.0 | 18.7 | 18.7 | 12.0 | 0.0 |
| 47.5° | 37.8 | 31.5 | 25.2 | 18.9 | 18.7 | 12.6 | 0.0 |
| 45° | 39.5 | 33.0 | 26.4 | 19.8 | 18.7 | 13.2 | 0.0 |
| 42.5° | 41.2 | 34.4 | 27.6 | 20.7 | 18.7 | 13.8 | 0.0 |
| 40° | 42.8 | 35.8 | 28.6 | 21.5 | 18.7 | 14.3 | 0.0 |
| 37.5° | 44.4 | 37.1 | 29.7 | 22.2 | 18.7 | 14.8 | 0.0 |
| 35° | 45.8 | 38.3 | 30.6 | 23.0 | 18.7 | 15.3 | 0.0 |
| 32.5° | 47.2 | 39.4 | 31.6 | 23.7 | 18.7 | 15.8 | 0.0 |
| 30° | 48.5 | 40.5 | 32.4 | 24.3 | 18.7 | 16.2 | 0.0 |
| 27.5° | 49.7 | 41.5 | 33.2 | 24.9 | 18.7 | 16.6 | 0.0 |
| 25° | 50.8 | 42.4 | 33.9 | 25.4 | 18.7 | 16.9 | 0.0 |
| 22.5° | 51.8 | 43.2 | 34.6 | 25.9 | 18.7 | 17.3 | 0.0 |
| 20° | 52.7 | 44.0 | 35.2 | 26.4 | 18.7 | 17.6 | 0.0 |
| 17.5° | 53.5 | 44.6 | 35.7 | 26.8 | 18.7 | 17.8 | 0.0 |
| 15° | 54.2 | 45.2 | 36.2 | 27.1 | 18.7 | 18.1 | 0.0 |
| 12.5° | 54.8 | 45.7 | 36.6 | 27.4 | 18.7 | 18.3 | 0.0 |
| 10° | 55.3 | 46.1 | 36.9 | 27.7 | 18.7 | 18.4 | 0.0 |
| 7.5° | 55.7 | 46.4 | 37.2 | 27.9 | 18.7 | 18.5 | 0.0 |
| 5° | 56.0 | 46.6 | 37.4 | 28.0 | 18.7 | 18.6 | 0.0 |
| 2.5° | 56.1 | 46.8 | 37.5 | 28.1 | 18.7 | 18.7 | 0.0 |
| 0° | 56.2 | 46.8 | 37.5 | 28.1 | 18.7 | 18.7 | 0.0 |
| -2.5° | 56.1 | 46.8 | 37.5 | 28.1 | 18.7 | 18.7 | 0.0 |
| -5° | 56.0 | 46.6 | 37.4 | 28.0 | 18.7 | 18.6 | 0.0 |
| -7.5° | 55.7 | 46.4 | 37.2 | 27.9 | 18.7 | 18.5 | 0.0 |
| -10° | 55.3 | 46.1 | 36.9 | 27.7 | 18.7 | 18.4 | 0.0 |
| -12.5° | 54.8 | 45.7 | 36.6 | 27.4 | 18.7 | 18.3 | 0.0 |
| -15° | 54.2 | 45.2 | 36.2 | 27.1 | 18.7 | 18.1 | 0.0 |
| -17.5° | 53.5 | 44.6 | 35.7 | 26.8 | 18.7 | 17.8 | 0.0 |
| -20° | 52.7 | 44.0 | 35.2 | 26.4 | 18.7 | 17.6 | 0.0 |



REPORT NUMBER: P699871 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-80-2R-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 51.8 | 43.2 | 34.6 | 25.9 | 18.7 | 17.3 | 0.0 |
| -25° | 50.8 | 42.4 | 33.9 | 25.4 | 18.7 | 16.9 | 0.0 |
| -27.5° | 49.7 | 41.5 | 33.2 | 24.9 | 18.7 | 16.6 | 0.0 |
| -30° | 48.5 | 40.5 | 32.4 | 24.3 | 18.7 | 16.2 | 0.0 |
| -32.5° | 47.2 | 39.4 | 31.6 | 23.7 | 18.7 | 15.8 | 0.0 |
| -35° | 45.8 | 38.3 | 30.6 | 23.0 | 18.7 | 15.3 | 0.0 |
| -37.5° | 44.4 | 37.1 | 29.7 | 22.2 | 18.7 | 14.8 | 0.0 |
| -40° | 42.8 | 35.8 | 28.6 | 21.5 | 18.7 | 14.3 | 0.0 |
| -42.5° | 41.2 | 34.4 | 27.6 | 20.7 | 18.7 | 13.8 | 0.0 |
| -45° | 39.5 | 33.0 | 26.4 | 19.8 | 18.7 | 13.2 | 0.0 |
| -47.5° | 37.8 | 31.5 | 25.2 | 18.9 | 18.7 | 12.6 | 0.0 |
| -50° | 35.9 | 30.0 | 24.0 | 18.7 | 18.7 | 12.0 | 0.0 |
| -52.5° | 34.0 | 28.4 | 22.7 | 18.7 | 18.7 | 11.4 | 0.0 |
| -55° | 32.0 | 26.7 | 21.4 | 18.7 | 18.7 | 10.7 | 0.0 |
| -57.5° | 30.0 | 25.0 | 20.0 | 18.7 | 18.7 | 10.0 | 0.0 |
| -60° | 27.9 | 23.3 | 18.7 | 18.7 | 18.7 | 9.3 | 0.0 |
| -62.5° | 25.7 | 21.5 | 18.7 | 18.7 | 17.3 | 8.6 | 0.0 |
| -65° | 23.5 | 19.6 | 18.7 | 18.7 | 15.8 | 7.9 | 0.0 |
| -67.5° | 21.3 | 18.7 | 18.7 | 18.7 | 14.3 | 7.2 | 0.0 |
| -70° | 19.0 | 18.7 | 18.7 | 18.7 | 12.8 | 6.4 | 0.0 |
| -72.5° | 18.7 | 18.7 | 18.7 | 16.8 | 11.2 | 5.6 | 0.0 |
| -75° | 18.7 | 18.7 | 18.7 | 14.5 | 9.7 | 4.8 | 0.0 |
| -77.5° | 18.7 | 18.7 | 16.1 | 12.1 | 8.1 | 4.0 | 0.0 |
| -80° | 18.7 | 16.1 | 12.9 | 9.7 | 6.5 | 3.2 | 0.0 |
| -82.5° | 14.5 | 12.1 | 9.7 | 7.3 | 4.9 | 2.4 | 0.0 |
| -85° | 9.7 | 8.1 | 6.5 | 4.9 | 3.3 | 1.6 | 0.0 |
| -87.5° | 4.8 | 4.0 | 3.2 | 2.4 | 1.6 | 0.8 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)