

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: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200L-40-70-1L-A**

Issue Date: 2/3/2026

Test Information

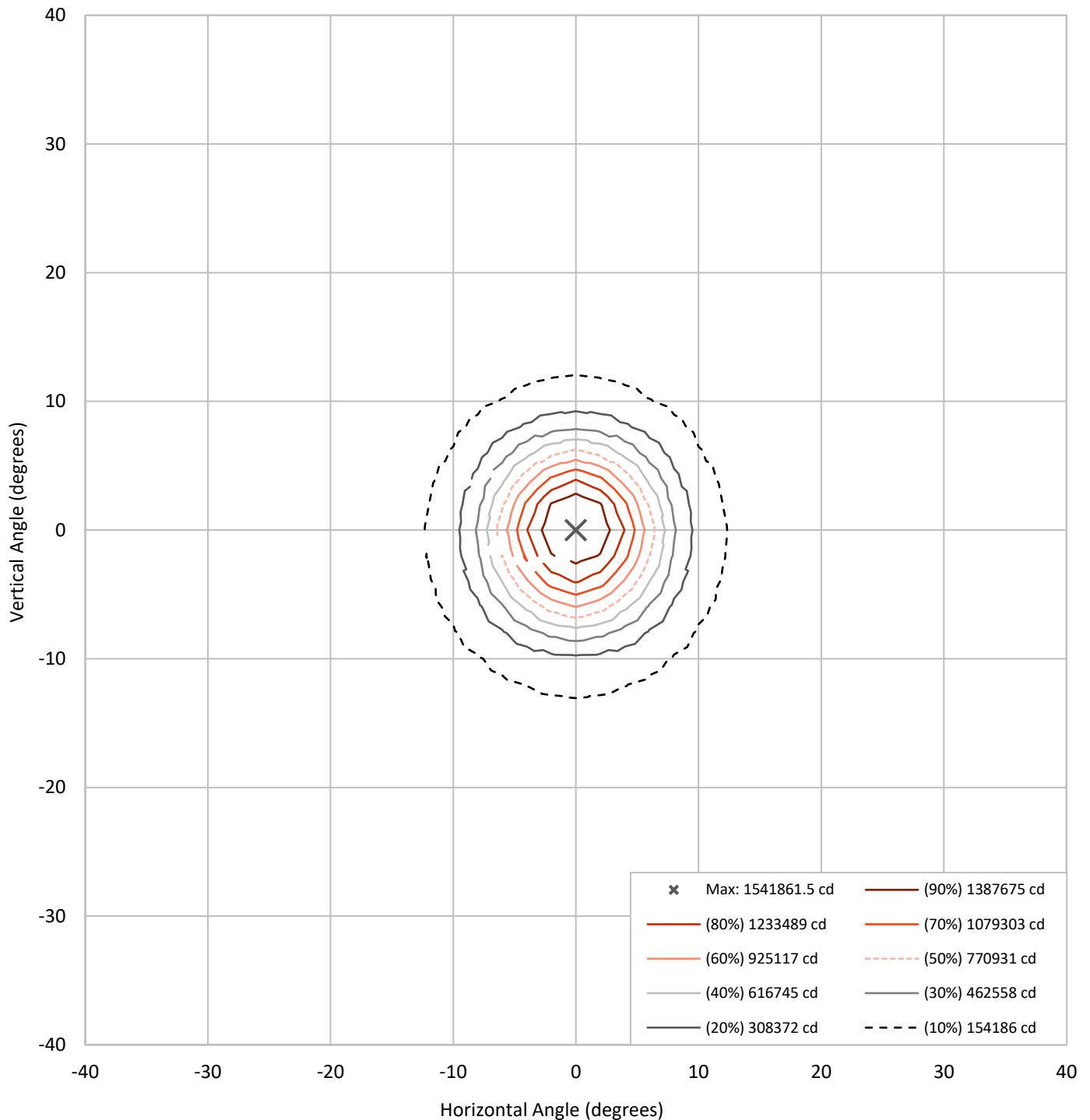
Test Method: LM-79-08
Report Number: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-52)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS16-1200L-40-70-1L-A
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 4000K, 70 CRI LEDS AND 1L BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|-------------------------------|----------------------|-------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 2H x 2V |
| Luminaire Lumens: | 160119.4 lumens | Max Intensity: | 1541861.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 124.1 lumens/watt | | |
| Luminous Opening: | Circular (Dia: 1.67' x H: 0') | | |
| Beam Angle (50%): | 12.8°H x 13°V | Field Angle (10%): | 24.4°H x 24.6°V |
| Beam Lumens: | 39689.5 lumens | Field Lumens: | 79729.7 lumens |
| Beam Efficiency: | 24.8% | Field Efficiency: | 49.8% |
| Input Watts (W): | 1290 | | |
| 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: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

Iso-Candela Plot





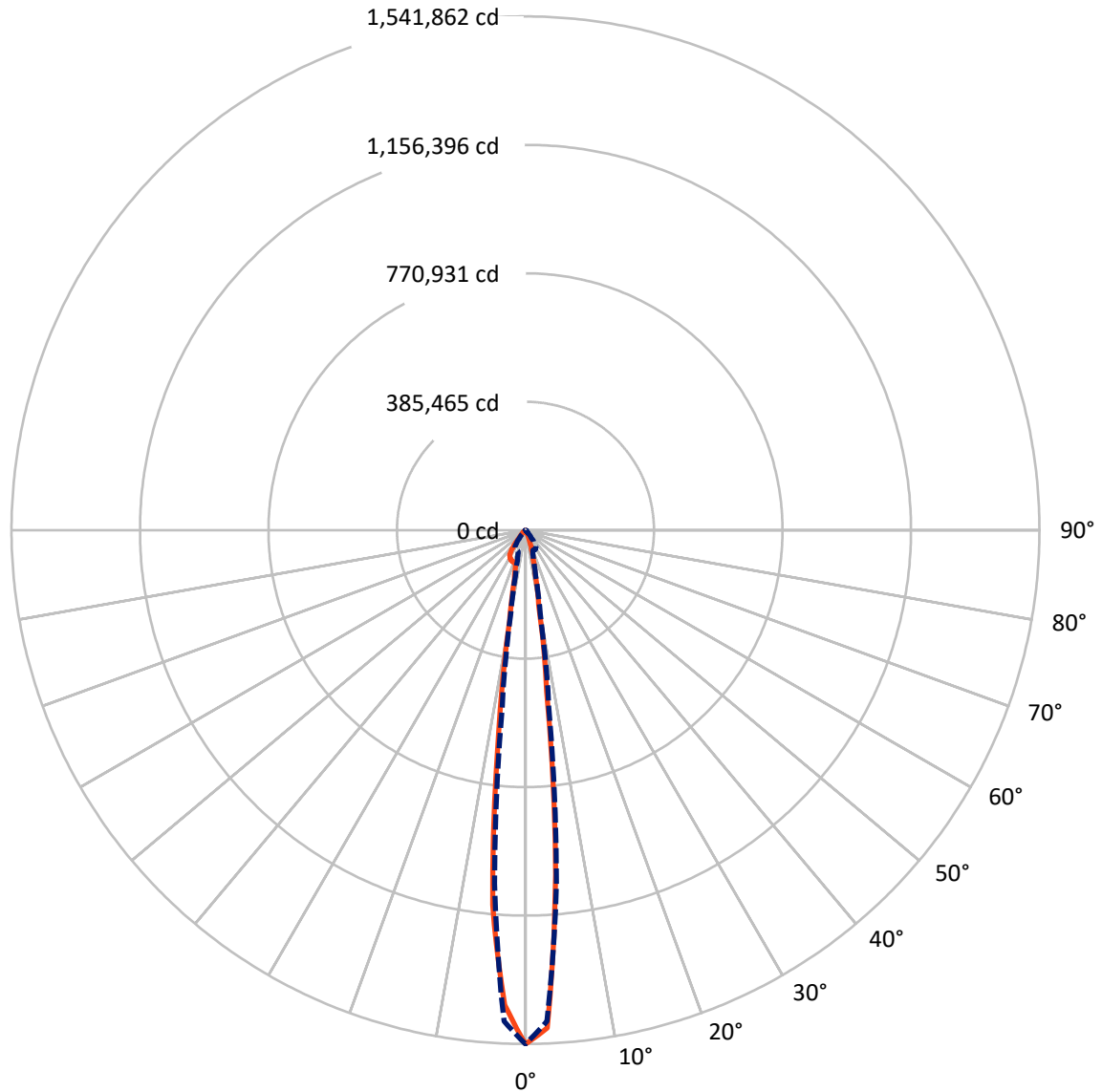
REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|-------|--------|--------|--------|---------|---------|--------|--------|--------|-------|------|-----|-----|--|--|--|
| 90 | 0.4 | 1.6 | 2.7 | 3.4 | 3.7 | 3.4 | 2.7 | 1.6 | 0.4 | | | | | | | | | | |
| 80 | 0.4 | 1.6 | 2.7 | 3.4 | 3.7 | 3.4 | 2.7 | 1.6 | 0.4 | | | | | | | | | | |
| 70 | 0.7 | 0.5 | 0.8 | 1.2 | 1.8 | 2.5 | 3.0 | 3.3 | 3.3 | 3.0 | 2.5 | 1.8 | 1.2 | 0.8 | 0.5 | 0.7 | | | |
| 60 | | 0.6 | 1.1 | 2.3 | 4.0 | 6.2 | 9.9 | 15.5 | 15.5 | 9.9 | 6.2 | 4.0 | 2.3 | 1.1 | 0.6 | | | | |
| 50 | 0.9 | 0.8 | 2.2 | 5.9 | 10.3 | 18.9 | 28.7 | 41.0 | 41.0 | 28.7 | 18.9 | 10.3 | 5.9 | 2.2 | 0.8 | 0.9 | | | |
| 40 | | 1.0 | 4.9 | 12.7 | 26.0 | 36.8 | 56.0 | 65.7 | 65.7 | 56.0 | 36.8 | 26.0 | 12.7 | 4.9 | 1.0 | | | | |
| 30 | 1.0 | 1.5 | 7.4 | 28.3 | 100.4 | 275.3 | 460.9 | 542.9 | 542.9 | 460.9 | 275.3 | 100.4 | 28.3 | 7.4 | 1.5 | 1.0 | | | |
| 20 | | 2.1 | 11.1 | 65.0 | 435.0 | 1071.2 | 1565.9 | 2668.4 | 2668.4 | 1565.9 | 1071.2 | 435.0 | 65.0 | 11.1 | 2.1 | | | | |
| 10 | 1.1 | 2.5 | 14.7 | 125.0 | 900.8 | 1631.0 | 2834.8 | 18151.8 | 18151.8 | 2834.8 | 1631.0 | 900.8 | 125.0 | 14.7 | 2.5 | 1.1 | | | |
| 0 | | 2.5 | 15.4 | 154.7 | 1146.9 | 1932.2 | 3092.9 | 19252.6 | 19252.6 | 3092.9 | 1932.2 | 1146.9 | 154.7 | 15.4 | 2.5 | | | | |
| -10 | 1.0 | 2.4 | 12.4 | 121.7 | 990.5 | 2207.7 | 2625.0 | 3698.3 | 3698.3 | 2625.0 | 2207.7 | 990.5 | 121.7 | 12.4 | 2.4 | 1.0 | | | |
| -20 | | 1.8 | 8.3 | 63.8 | 502.0 | 1848.8 | 2694.4 | 2970.4 | 2970.4 | 2694.4 | 1848.8 | 502.0 | 63.8 | 8.3 | 1.8 | | | | |
| -30 | 0.9 | 1.2 | 5.9 | 23.8 | 163.3 | 668.0 | 1479.8 | 2000.6 | 2000.6 | 1479.8 | 668.0 | 163.3 | 23.8 | 5.9 | 1.2 | 0.9 | | | |
| -40 | | 0.9 | 3.1 | 8.4 | 33.6 | 136.3 | 314.4 | 451.6 | 451.6 | 314.4 | 136.3 | 33.6 | 8.4 | 3.1 | 0.9 | | | | |
| -50 | 0.7 | 0.7 | 1.5 | 3.5 | 6.8 | 15.9 | 36.5 | 54.2 | 54.2 | 36.5 | 15.9 | 6.8 | 3.5 | 1.5 | 0.7 | 0.7 | | | |
| -60 | | 0.5 | 0.9 | 1.5 | 2.5 | 3.7 | 4.7 | 5.3 | 5.3 | 4.7 | 3.7 | 2.5 | 1.5 | 0.9 | 0.5 | | | | |
| -70 | 0.4 | 1.6 | 2.5 | 3.5 | 3.8 | 3.5 | 2.5 | 1.6 | 0.4 | | | | | | | 0.4 | | | |
| -80 | | 1.6 | 2.5 | 3.5 | 3.8 | 3.5 | 2.5 | 1.6 | 0.4 | | | | | | | | | | |
| -90 | 0.4 | 1.6 | 2.5 | 3.5 | 3.8 | 3.5 | 2.5 | 1.6 | 0.4 | | | | | | | | | | |

REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

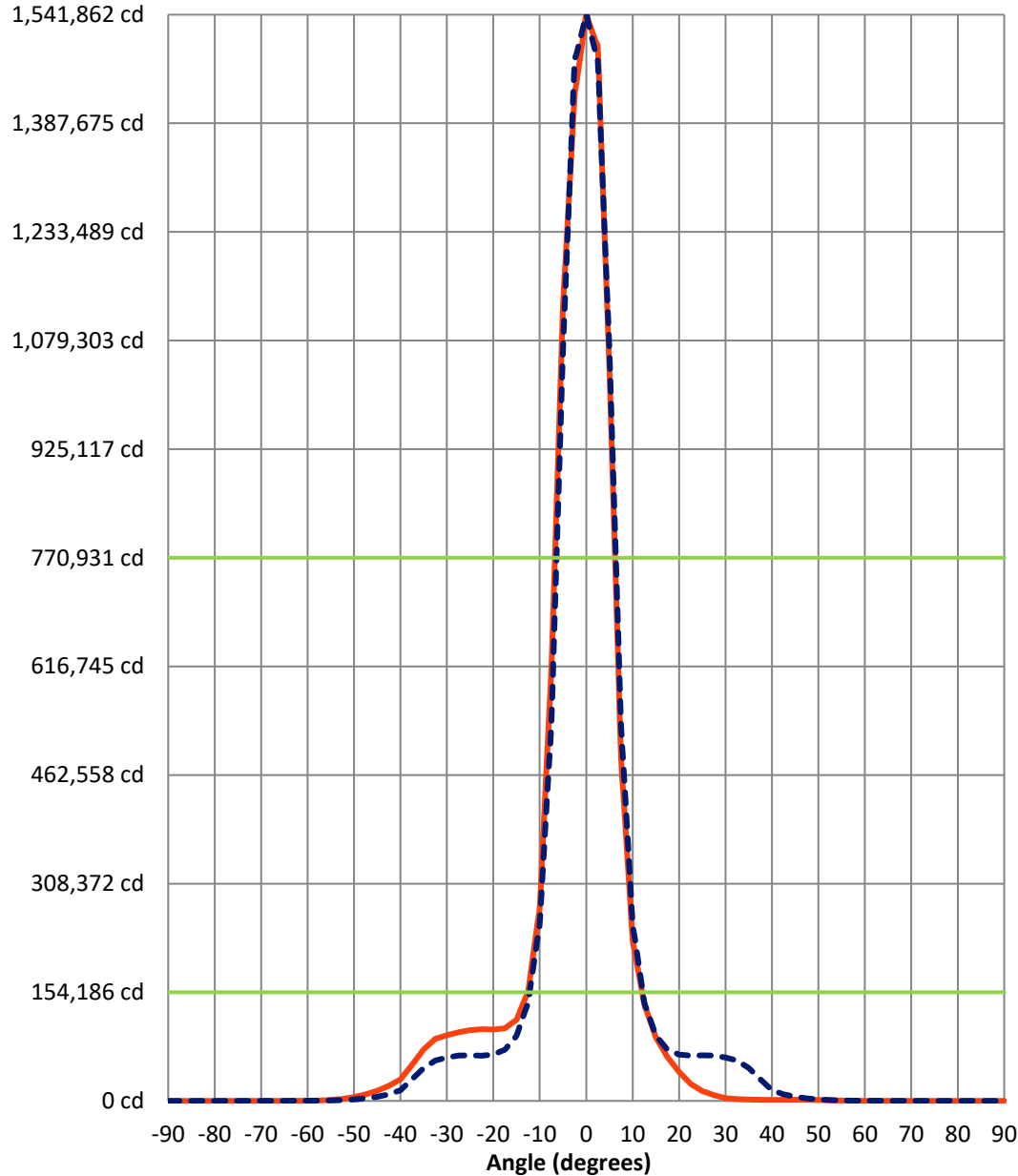
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

Luminous Intensity Plot



Beam:
 H Angle: 12.8°
 V Angle: 13°
 Lumens: 39689.5
 Efficiency: 24.8%

Field:
 H Angle: 24.4°
 V Angle: 24.6°
 Lumens: 79729.7
 Efficiency: 49.8%

Spill:
 Lumens: 80389.7
 Efficiency: 50.2%

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

REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

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 | 1.2 | 2.5 | 3.7 | 4.9 | 6.1 | 7.3 | 8.5 | 9.7 | 10.9 | 11.6 |
| 85° | 0.0 | 2.5 | 4.9 | 7.4 | 9.9 | 12.3 | 14.7 | 17.1 | 19.4 | 21.7 | 23.1 |
| 82.5° | 0.0 | 3.7 | 7.4 | 11.1 | 14.8 | 18.4 | 22.0 | 25.6 | 28.4 | 28.4 | 27.7 |
| 80° | 0.0 | 4.9 | 9.9 | 14.8 | 19.6 | 24.5 | 28.4 | 28.4 | 28.4 | 28.4 | 28.1 |
| 77.5° | 0.0 | 6.1 | 12.3 | 18.4 | 24.5 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 29.3 |
| 75° | 0.0 | 7.3 | 14.7 | 22.0 | 28.4 | 28.4 | 28.4 | 28.4 | 28.7 | 31.0 | 32.9 |
| 72.5° | 0.0 | 8.5 | 17.1 | 25.6 | 28.4 | 28.4 | 28.4 | 29.1 | 31.8 | 34.5 | 36.6 |
| 70° | 0.0 | 9.7 | 19.4 | 28.4 | 28.4 | 28.4 | 28.7 | 31.8 | 34.9 | 37.9 | 37.6 |
| 67.5° | 0.0 | 10.9 | 21.7 | 28.4 | 28.4 | 28.4 | 31.0 | 34.5 | 37.9 | 38.1 | 37.8 |
| 65° | 0.0 | 12.0 | 24.0 | 28.4 | 28.4 | 29.3 | 33.3 | 37.1 | 38.5 | 38.5 | 39.0 |
| 62.5° | 0.0 | 13.1 | 26.2 | 28.4 | 28.4 | 31.2 | 35.5 | 38.5 | 39.1 | 39.5 | 42.7 |
| 60° | 0.0 | 14.2 | 28.4 | 28.4 | 28.4 | 33.0 | 37.7 | 39.3 | 39.9 | 42.5 | 46.3 |
| 57.5° | 0.0 | 15.3 | 28.4 | 28.4 | 29.7 | 34.8 | 38.7 | 40.2 | 41.9 | 45.3 | 47.5 |
| 55° | 0.0 | 16.3 | 28.4 | 28.4 | 31.1 | 36.5 | 39.7 | 41.2 | 44.1 | 47.5 | 47.8 |
| 52.5° | 0.0 | 17.3 | 28.4 | 28.4 | 32.5 | 38.1 | 40.7 | 42.8 | 46.1 | 48.1 | 48.3 |
| 50° | 0.0 | 18.3 | 28.4 | 28.4 | 33.8 | 39.0 | 41.7 | 44.3 | 47.6 | 48.8 | 51.1 |
| 47.5° | 0.0 | 19.2 | 28.4 | 28.6 | 35.0 | 39.9 | 42.8 | 45.7 | 48.5 | 49.7 | 53.9 |
| 45° | 0.0 | 20.1 | 28.4 | 29.5 | 36.2 | 40.9 | 43.9 | 46.9 | 49.4 | 51.9 | 56.5 |
| 42.5° | 0.0 | 20.9 | 28.4 | 30.4 | 37.4 | 41.9 | 44.8 | 47.9 | 50.5 | 53.9 | 59.8 |
| 40° | 0.0 | 21.8 | 28.4 | 31.2 | 38.3 | 42.9 | 45.6 | 48.9 | 51.7 | 55.7 | 63.4 |
| 37.5° | 0.0 | 22.5 | 28.4 | 32.0 | 39.1 | 43.9 | 46.4 | 49.9 | 53.1 | 57.7 | 67.1 |
| 35° | 0.0 | 23.3 | 28.4 | 32.7 | 39.8 | 44.6 | 47.0 | 51.0 | 54.4 | 60.9 | 71.7 |
| 32.5° | 0.0 | 24.0 | 28.4 | 33.4 | 40.6 | 45.1 | 47.7 | 52.1 | 55.4 | 64.1 | 77.8 |
| 30° | 0.0 | 24.6 | 28.4 | 34.1 | 41.3 | 45.6 | 48.5 | 53.2 | 56.3 | 67.2 | 83.7 |
| 27.5° | 0.0 | 25.2 | 28.4 | 34.7 | 42.0 | 46.0 | 49.4 | 54.0 | 57.8 | 70.3 | 89.5 |
| 25° | 0.0 | 25.7 | 28.4 | 35.2 | 42.7 | 46.3 | 50.3 | 54.7 | 60.2 | 74.5 | 95.1 |
| 22.5° | 0.0 | 26.2 | 28.4 | 35.7 | 43.4 | 46.6 | 51.1 | 55.2 | 62.6 | 78.9 | 102.2 |
| 20° | 0.0 | 26.7 | 28.4 | 36.2 | 44.0 | 46.8 | 51.9 | 55.7 | 64.8 | 83.2 | 108.8 |
| 17.5° | 0.0 | 27.1 | 28.4 | 36.6 | 44.6 | 47.0 | 52.8 | 56.0 | 66.9 | 87.1 | 115.0 |
| 15° | 0.0 | 27.4 | 28.4 | 36.9 | 45.1 | 47.2 | 53.5 | 56.3 | 68.8 | 90.7 | 120.7 |
| 12.5° | 0.0 | 27.7 | 28.4 | 37.2 | 45.7 | 47.3 | 54.2 | 56.5 | 70.5 | 94.0 | 125.9 |
| 10° | 0.0 | 28.0 | 28.4 | 37.5 | 46.1 | 47.3 | 54.9 | 56.7 | 72.1 | 96.9 | 130.4 |
| 7.5° | 0.0 | 28.2 | 28.4 | 37.7 | 46.5 | 47.4 | 55.5 | 56.7 | 73.4 | 99.4 | 134.4 |
| 5° | 0.0 | 28.3 | 28.4 | 37.8 | 46.9 | 47.4 | 56.0 | 56.8 | 74.5 | 101.5 | 137.7 |
| 2.5° | 0.0 | 28.4 | 28.4 | 37.9 | 47.2 | 47.4 | 56.5 | 56.8 | 75.3 | 103.1 | 140.2 |
| 0° | 0.0 | 28.4 | 28.4 | 37.9 | 47.4 | 47.4 | 56.8 | 56.8 | 75.8 | 104.2 | 142.1 |
| -2.5° | 0.0 | 28.4 | 28.4 | 37.9 | 47.2 | 47.4 | 56.7 | 57.1 | 76.0 | 104.4 | 142.7 |
| -5° | 0.0 | 28.3 | 28.4 | 37.8 | 46.9 | 47.4 | 56.6 | 57.4 | 76.0 | 104.0 | 142.5 |
| -7.5° | 0.0 | 28.2 | 28.4 | 37.7 | 46.5 | 47.4 | 56.3 | 57.7 | 75.6 | 103.2 | 141.4 |
| -10° | 0.0 | 28.0 | 28.4 | 37.5 | 46.1 | 47.3 | 55.9 | 58.0 | 74.9 | 101.8 | 139.5 |
| -12.5° | 0.0 | 27.7 | 28.4 | 37.2 | 45.7 | 47.3 | 55.4 | 58.2 | 74.0 | 100.0 | 136.8 |
| -15° | 0.0 | 27.4 | 28.4 | 36.9 | 45.1 | 47.2 | 54.8 | 58.3 | 72.7 | 97.6 | 133.1 |
| -17.5° | 0.0 | 27.1 | 28.4 | 36.6 | 44.6 | 47.0 | 54.1 | 58.3 | 71.1 | 94.8 | 128.5 |
| -20° | 0.0 | 26.7 | 28.4 | 36.2 | 44.0 | 46.8 | 53.3 | 58.3 | 69.3 | 91.4 | 123.0 |



REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 0.0 | 26.2 | 28.4 | 35.7 | 43.4 | 46.6 | 52.4 | 58.1 | 67.1 | 87.6 | 116.6 |
| -25° | 0.0 | 25.7 | 28.4 | 35.2 | 42.7 | 46.3 | 51.4 | 57.8 | 64.7 | 83.3 | 109.3 |
| -27.5° | 0.0 | 25.2 | 28.4 | 34.7 | 42.0 | 46.0 | 50.3 | 57.5 | 62.0 | 79.2 | 103.8 |
| -30° | 0.0 | 24.6 | 28.4 | 34.1 | 41.3 | 45.6 | 49.1 | 56.9 | 60.7 | 75.8 | 98.0 |
| -32.5° | 0.0 | 24.0 | 28.4 | 33.4 | 40.6 | 45.1 | 47.8 | 55.6 | 60.1 | 72.2 | 91.8 |
| -35° | 0.0 | 23.3 | 28.4 | 32.7 | 39.8 | 44.6 | 47.0 | 54.0 | 59.3 | 68.3 | 85.0 |
| -37.5° | 0.0 | 22.5 | 28.4 | 32.0 | 39.1 | 43.9 | 46.4 | 52.3 | 58.4 | 64.1 | 79.4 |
| -40° | 0.0 | 21.8 | 28.4 | 31.2 | 38.3 | 42.9 | 45.6 | 50.5 | 57.2 | 62.0 | 74.4 |
| -42.5° | 0.0 | 20.9 | 28.4 | 30.4 | 37.4 | 41.9 | 44.8 | 48.6 | 55.3 | 60.5 | 69.2 |
| -45° | 0.0 | 20.1 | 28.4 | 29.5 | 36.2 | 40.9 | 43.9 | 46.9 | 53.0 | 58.7 | 64.2 |
| -47.5° | 0.0 | 19.2 | 28.4 | 28.6 | 35.0 | 39.9 | 42.8 | 45.7 | 50.6 | 56.7 | 61.9 |
| -50° | 0.0 | 18.3 | 28.4 | 28.4 | 33.8 | 39.0 | 41.7 | 44.3 | 48.2 | 53.9 | 59.3 |
| -52.5° | 0.0 | 17.3 | 28.4 | 28.4 | 32.5 | 38.1 | 40.7 | 42.8 | 46.1 | 51.1 | 56.5 |
| -55° | 0.0 | 16.3 | 28.4 | 28.4 | 31.1 | 36.5 | 39.7 | 41.2 | 44.1 | 48.1 | 53.1 |
| -57.5° | 0.0 | 15.3 | 28.4 | 28.4 | 29.7 | 34.8 | 38.7 | 40.2 | 41.9 | 45.3 | 49.7 |
| -60° | 0.0 | 14.2 | 28.4 | 28.4 | 28.4 | 33.0 | 37.7 | 39.3 | 39.9 | 42.5 | 46.3 |
| -62.5° | 0.0 | 13.1 | 26.2 | 28.4 | 28.4 | 31.2 | 35.5 | 38.5 | 39.1 | 39.5 | 42.7 |
| -65° | 0.0 | 12.0 | 24.0 | 28.4 | 28.4 | 29.3 | 33.3 | 37.1 | 38.5 | 38.5 | 39.0 |
| -67.5° | 0.0 | 10.9 | 21.7 | 28.4 | 28.4 | 28.4 | 31.0 | 34.5 | 37.9 | 38.1 | 37.8 |
| -70° | 0.0 | 9.7 | 19.4 | 28.4 | 28.4 | 28.4 | 28.7 | 31.8 | 34.9 | 37.9 | 37.6 |
| -72.5° | 0.0 | 8.5 | 17.1 | 25.6 | 28.4 | 28.4 | 28.4 | 29.1 | 31.8 | 34.5 | 36.5 |
| -75° | 0.0 | 7.3 | 14.7 | 22.0 | 28.4 | 28.4 | 28.4 | 28.4 | 28.7 | 31.0 | 32.5 |
| -77.5° | 0.0 | 6.1 | 12.3 | 18.4 | 24.5 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.5 |
| -80° | 0.0 | 4.9 | 9.9 | 14.8 | 19.6 | 24.5 | 28.4 | 28.4 | 28.4 | 28.4 | 27.5 |
| -82.5° | 0.0 | 3.7 | 7.4 | 11.1 | 14.8 | 18.4 | 22.0 | 25.6 | 28.4 | 28.4 | 27.4 |
| -85° | 0.0 | 2.5 | 4.9 | 7.4 | 9.9 | 12.3 | 14.7 | 17.1 | 19.4 | 21.7 | 23.1 |
| -87.5° | 0.0 | 1.2 | 2.5 | 3.7 | 4.9 | 6.1 | 7.3 | 8.5 | 9.7 | 10.9 | 11.6 |
| -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-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 12.1 | 12.6 | 13.0 | 13.3 | 13.4 | 13.5 | 13.5 | 13.4 | 13.9 | 14.5 | 15.0 |
| 85° | 24.3 | 25.2 | 24.5 | 23.9 | 23.5 | 23.1 | 22.9 | 22.9 | 22.9 | 22.8 | 22.6 |
| 82.5° | 27.1 | 26.9 | 26.8 | 26.9 | 27.3 | 27.9 | 28.4 | 28.4 | 27.4 | 26.4 | 25.3 |
| 80° | 28.1 | 28.4 | 29.2 | 29.7 | 29.8 | 29.7 | 29.3 | 28.6 | 27.5 | 27.0 | 27.0 |
| 77.5° | 30.6 | 31.6 | 32.1 | 32.2 | 32.0 | 32.2 | 32.7 | 33.5 | 34.0 | 34.3 | 34.6 |
| 75° | 34.2 | 34.9 | 34.8 | 35.0 | 35.7 | 36.7 | 37.9 | 38.0 | 37.5 | 37.2 | 37.2 |
| 72.5° | 36.6 | 36.5 | 36.9 | 37.8 | 38.7 | 39.1 | 39.0 | 38.4 | 39.1 | 41.0 | 42.8 |
| 70° | 37.3 | 37.7 | 39.3 | 40.5 | 41.0 | 41.3 | 42.3 | 43.9 | 45.9 | 48.1 | 50.2 |
| 67.5° | 38.5 | 40.8 | 42.5 | 43.3 | 44.1 | 45.4 | 47.3 | 50.0 | 52.6 | 55.1 | 57.6 |
| 65° | 42.1 | 44.4 | 45.0 | 45.8 | 47.2 | 50.3 | 53.4 | 56.4 | 59.3 | 62.6 | 66.4 |
| 62.5° | 45.8 | 46.1 | 46.7 | 48.7 | 52.4 | 55.9 | 59.4 | 62.7 | 65.9 | 72.2 | 78.3 |
| 60° | 46.9 | 47.0 | 49.6 | 53.7 | 57.6 | 61.5 | 65.3 | 71.7 | 78.7 | 85.4 | 89.1 |
| 57.5° | 47.3 | 49.6 | 54.1 | 58.5 | 62.8 | 67.9 | 76.1 | 84.0 | 89.1 | 92.1 | 100.8 |
| 55° | 48.7 | 53.7 | 58.5 | 63.3 | 69.6 | 78.7 | 87.2 | 93.4 | 97.9 | 121.4 | 140.6 |
| 52.5° | 52.4 | 57.6 | 62.8 | 69.6 | 79.6 | 89.4 | 97.4 | 119.8 | 153.5 | 169.8 | 181.5 |
| 50° | 55.9 | 61.5 | 67.9 | 78.7 | 89.9 | 100.4 | 138.4 | 186.1 | 206.0 | 215.7 | 221.3 |
| 47.5° | 59.5 | 65.3 | 76.1 | 88.2 | 101.4 | 147.4 | 212.7 | 236.7 | 249.8 | 254.8 | 260.9 |
| 45° | 63.3 | 71.8 | 84.0 | 99.7 | 140.7 | 226.6 | 261.4 | 278.1 | 282.6 | 299.2 | 343.0 |
| 42.5° | 67.2 | 79.5 | 94.6 | 112.5 | 221.7 | 280.1 | 300.3 | 305.9 | 329.9 | 388.4 | 446.8 |
| 40° | 73.9 | 87.3 | 106.1 | 192.3 | 292.5 | 316.2 | 325.7 | 346.0 | 421.6 | 505.0 | 576.8 |
| 37.5° | 80.9 | 98.3 | 133.5 | 274.7 | 325.8 | 343.3 | 348.2 | 437.7 | 541.8 | 646.4 | 748.3 |
| 35° | 87.9 | 109.1 | 203.0 | 323.9 | 358.4 | 362.8 | 432.4 | 547.1 | 688.9 | 827.9 | 950.6 |
| 32.5° | 96.3 | 119.6 | 267.2 | 342.6 | 376.1 | 402.0 | 523.4 | 693.9 | 867.1 | 1032.4 | 1199.2 |
| 30° | 105.5 | 170.7 | 313.4 | 359.3 | 383.9 | 486.8 | 653.0 | 854.3 | 1063.3 | 1289.7 | 1481.4 |
| 27.5° | 114.5 | 220.4 | 327.4 | 369.3 | 406.7 | 565.5 | 798.3 | 1042.5 | 1304.8 | 1573.8 | 1808.1 |
| 25° | 123.0 | 265.3 | 339.5 | 378.7 | 474.8 | 677.5 | 950.7 | 1236.7 | 1572.2 | 1907.8 | 2298.0 |
| 22.5° | 145.5 | 304.4 | 349.9 | 389.6 | 541.0 | 803.5 | 1136.3 | 1507.6 | 1870.9 | 2281.3 | 2895.4 |
| 20° | 178.8 | 313.0 | 358.6 | 409.9 | 604.8 | 929.7 | 1337.5 | 1842.0 | 2353.8 | 2894.3 | 4110.1 |
| 17.5° | 207.7 | 320.1 | 367.4 | 461.6 | 700.7 | 1076.3 | 1564.7 | 2222.8 | 2943.3 | 3873.9 | 5904.8 |
| 15° | 232.3 | 325.7 | 376.5 | 509.4 | 799.6 | 1246.9 | 1875.8 | 2714.3 | 3728.1 | 5198.0 | 8144.5 |
| 12.5° | 252.6 | 329.9 | 385.5 | 552.8 | 892.6 | 1416.9 | 2202.2 | 3259.0 | 4673.1 | 7040.7 | 12643.6 |
| 10° | 268.7 | 332.7 | 394.1 | 591.2 | 977.8 | 1581.7 | 2533.0 | 3828.3 | 5669.7 | 8885.5 | 17043.5 |
| 7.5° | 280.7 | 334.1 | 401.9 | 624.0 | 1053.4 | 1736.1 | 2856.3 | 4400.6 | 6680.7 | 10679.9 | 21208.2 |
| 5° | 288.8 | 334.4 | 408.6 | 650.5 | 1117.5 | 1875.1 | 3158.9 | 4952.2 | 7664.4 | 12365.4 | 24985.6 |
| 2.5° | 293.0 | 333.5 | 413.7 | 670.0 | 1168.0 | 1992.9 | 3427.2 | 5458.1 | 8575.9 | 13879.3 | 28212.6 |
| 0° | 293.7 | 331.6 | 416.8 | 682.1 | 1203.1 | 2084.1 | 3647.1 | 5892.2 | 9368.8 | 15156.8 | 30720.9 |
| -2.5° | 299.6 | 335.4 | 416.3 | 676.6 | 1195.9 | 2085.3 | 3680.5 | 5998.1 | 9680.0 | 15845.1 | 31762.5 |
| -5° | 301.5 | 338.6 | 413.9 | 663.2 | 1171.1 | 2052.6 | 3645.8 | 5994.5 | 9791.5 | 16164.2 | 31816.2 |
| -7.5° | 299.2 | 341.5 | 409.7 | 642.2 | 1128.3 | 1984.4 | 3537.9 | 5870.9 | 9671.8 | 16051.0 | 30793.0 |
| -10° | 292.0 | 344.3 | 404.1 | 613.9 | 1067.5 | 1879.6 | 3352.5 | 5618.2 | 9293.1 | 15450.9 | 28622.5 |
| -12.5° | 279.7 | 347.3 | 397.6 | 578.6 | 988.7 | 1737.2 | 3086.0 | 5229.0 | 8631.8 | 14318.8 | 25255.2 |
| -15° | 261.9 | 350.9 | 390.3 | 536.6 | 892.1 | 1556.5 | 2735.7 | 4697.7 | 7669.6 | 12620.5 | 20662.9 |
| -17.5° | 238.3 | 355.2 | 382.7 | 488.2 | 777.9 | 1337.3 | 2299.9 | 4054.8 | 6665.9 | 11100.2 | 18351.0 |
| -20° | 208.6 | 360.6 | 374.9 | 433.9 | 659.1 | 1141.7 | 1991.0 | 3519.6 | 5826.3 | 9506.4 | 15637.2 |



REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|---------|
| -22.5° | 172.6 | 367.1 | 372.2 | 413.7 | 592.3 | 982.5 | 1680.0 | 2887.6 | 4833.1 | 7743.1 | 12848.3 |
| -25° | 148.0 | 325.6 | 378.2 | 403.2 | 520.0 | 805.4 | 1327.3 | 2233.6 | 4035.9 | 6644.1 | 10648.5 |
| -27.5° | 139.1 | 275.2 | 386.3 | 393.7 | 442.6 | 641.5 | 1078.3 | 1879.3 | 3246.7 | 5352.6 | 8301.5 |
| -30° | 129.2 | 217.0 | 396.5 | 390.1 | 416.9 | 552.9 | 872.0 | 1449.1 | 2438.0 | 4227.5 | 6687.1 |
| -32.5° | 118.2 | 155.5 | 350.3 | 402.1 | 407.8 | 459.7 | 662.0 | 1134.4 | 1905.0 | 3051.8 | 5043.7 |
| -35° | 108.1 | 142.5 | 271.5 | 417.1 | 393.5 | 415.1 | 548.3 | 826.2 | 1368.4 | 2275.3 | 3602.2 |
| -37.5° | 100.1 | 128.4 | 183.8 | 376.8 | 396.1 | 391.8 | 427.0 | 622.5 | 987.9 | 1549.4 | 2522.0 |
| -40° | 91.7 | 113.2 | 147.7 | 268.8 | 396.0 | 375.0 | 394.8 | 467.0 | 674.2 | 1084.1 | 1651.4 |
| -42.5° | 83.2 | 103.3 | 129.9 | 163.8 | 313.9 | 371.4 | 358.7 | 395.8 | 488.7 | 695.0 | 1090.3 |
| -45° | 77.2 | 93.2 | 112.5 | 142.3 | 206.7 | 327.0 | 350.0 | 344.1 | 390.1 | 476.1 | 676.8 |
| -47.5° | 70.8 | 83.6 | 101.0 | 121.4 | 150.4 | 221.4 | 315.1 | 328.6 | 327.8 | 372.6 | 430.8 |
| -50° | 65.1 | 76.1 | 89.1 | 106.3 | 127.2 | 154.0 | 215.0 | 285.8 | 304.0 | 306.4 | 338.3 |
| -52.5° | 61.8 | 68.1 | 79.5 | 93.0 | 108.9 | 128.5 | 153.2 | 195.1 | 247.7 | 272.9 | 281.1 |
| -55° | 57.9 | 62.7 | 70.1 | 81.4 | 94.3 | 108.9 | 125.4 | 147.8 | 169.9 | 208.9 | 239.8 |
| -57.5° | 53.9 | 57.9 | 62.9 | 70.3 | 81.2 | 93.0 | 106.2 | 119.1 | 138.0 | 157.3 | 178.2 |
| -60° | 49.8 | 53.1 | 57.0 | 61.9 | 68.4 | 78.6 | 89.3 | 101.0 | 112.6 | 123.5 | 139.6 |
| -62.5° | 45.8 | 48.6 | 51.5 | 54.8 | 59.5 | 64.9 | 73.3 | 83.1 | 93.2 | 102.8 | 111.6 |
| -65° | 42.1 | 44.4 | 46.6 | 49.0 | 51.3 | 55.4 | 60.2 | 65.5 | 73.7 | 82.1 | 90.0 |
| -67.5° | 38.5 | 40.8 | 42.5 | 43.7 | 45.7 | 47.5 | 49.3 | 53.4 | 57.9 | 62.9 | 68.3 |
| -70° | 37.3 | 37.7 | 39.3 | 40.5 | 41.0 | 41.5 | 43.0 | 44.3 | 45.9 | 48.8 | 53.0 |
| -72.5° | 36.6 | 36.5 | 36.9 | 37.8 | 38.7 | 39.1 | 39.0 | 38.4 | 39.1 | 41.0 | 42.8 |
| -75° | 33.7 | 34.8 | 34.8 | 35.0 | 35.7 | 36.7 | 37.9 | 38.0 | 37.5 | 37.2 | 37.2 |
| -77.5° | 29.3 | 30.1 | 30.8 | 31.5 | 32.0 | 32.2 | 32.7 | 33.5 | 34.0 | 34.3 | 34.6 |
| -80° | 26.4 | 25.4 | 25.7 | 26.0 | 26.3 | 26.5 | 26.7 | 26.9 | 27.0 | 27.0 | 27.0 |
| -82.5° | 26.4 | 25.3 | 24.3 | 23.2 | 22.2 | 21.1 | 20.3 | 20.1 | 20.7 | 21.1 | 21.3 |
| -85° | 24.3 | 25.2 | 24.2 | 23.2 | 22.1 | 21.1 | 20.0 | 18.9 | 18.4 | 17.9 | 17.6 |
| -87.5° | 12.1 | 12.6 | 13.0 | 13.3 | 13.4 | 13.5 | 13.5 | 13.4 | 13.2 | 12.9 | 12.5 |
| -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: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 15.5 | 15.9 | 16.4 | 16.8 | 17.1 | 17.5 | 15.8 | 14.0 | 12.2 | 10.3 | 8.3 |
| 85° | 22.3 | 21.8 | 21.2 | 20.6 | 19.8 | 18.9 | 17.8 | 16.6 | 15.6 | 14.5 | 13.5 |
| 82.5° | 24.3 | 23.2 | 22.2 | 21.1 | 20.0 | 19.0 | 18.7 | 18.6 | 18.6 | 18.6 | 18.7 |
| 80° | 26.9 | 26.8 | 26.6 | 26.3 | 26.0 | 25.6 | 26.1 | 26.6 | 27.1 | 27.5 | 27.8 |
| 77.5° | 34.3 | 33.9 | 33.8 | 33.8 | 34.0 | 34.3 | 35.0 | 35.7 | 36.3 | 36.8 | 37.2 |
| 75° | 37.5 | 38.3 | 39.6 | 40.8 | 42.0 | 43.0 | 43.9 | 44.7 | 45.4 | 46.0 | 46.5 |
| 72.5° | 44.6 | 46.2 | 47.8 | 49.2 | 50.5 | 51.6 | 52.7 | 53.7 | 54.5 | 55.2 | 55.8 |
| 70° | 52.2 | 54.0 | 55.8 | 57.8 | 60.7 | 63.6 | 66.3 | 68.5 | 70.4 | 72.0 | 73.4 |
| 67.5° | 60.7 | 64.2 | 67.9 | 71.9 | 75.3 | 78.0 | 79.9 | 81.1 | 82.2 | 83.2 | 83.9 |
| 65° | 71.0 | 75.7 | 79.6 | 82.9 | 85.4 | 88.8 | 92.1 | 94.9 | 97.3 | 99.4 | 101.1 |
| 62.5° | 83.5 | 87.5 | 91.5 | 95.7 | 100.2 | 106.3 | 112.3 | 117.0 | 121.1 | 124.6 | 127.5 |
| 60° | 93.3 | 98.1 | 110.7 | 121.4 | 129.6 | 135.3 | 138.9 | 144.2 | 149.5 | 154.5 | 159.0 |
| 57.5° | 119.3 | 134.5 | 146.6 | 155.8 | 162.0 | 165.6 | 168.9 | 178.6 | 191.2 | 203.9 | 216.5 |
| 55° | 158.5 | 172.9 | 183.9 | 193.0 | 201.1 | 208.0 | 217.1 | 246.2 | 285.0 | 325.5 | 366.4 |
| 52.5° | 199.0 | 212.2 | 224.0 | 239.4 | 271.1 | 301.1 | 329.1 | 376.2 | 448.2 | 522.0 | 595.5 |
| 50° | 236.6 | 259.0 | 297.8 | 335.5 | 384.9 | 439.0 | 492.5 | 552.3 | 661.5 | 775.5 | 891.0 |
| 47.5° | 299.1 | 343.3 | 399.8 | 461.9 | 529.9 | 609.5 | 688.5 | 763.3 | 874.6 | 999.7 | 1123.9 |
| 45° | 380.8 | 446.5 | 519.5 | 608.9 | 700.1 | 783.6 | 858.6 | 925.8 | 1006.0 | 1116.0 | 1221.6 |
| 42.5° | 491.2 | 561.3 | 658.5 | 759.1 | 853.5 | 924.9 | 969.7 | 1007.4 | 1058.6 | 1157.9 | 1244.5 |
| 40° | 641.5 | 683.8 | 798.6 | 895.9 | 955.9 | 1007.5 | 1046.8 | 1083.0 | 1122.8 | 1218.4 | 1293.3 |
| 37.5° | 824.6 | 871.2 | 910.5 | 980.0 | 1031.1 | 1076.1 | 1156.3 | 1230.9 | 1279.4 | 1369.2 | 1450.9 |
| 35° | 1052.4 | 1073.9 | 1003.9 | 1044.5 | 1129.2 | 1258.5 | 1409.7 | 1586.0 | 1624.8 | 1649.3 | 1768.4 |
| 32.5° | 1302.9 | 1328.2 | 1247.4 | 1188.8 | 1352.9 | 1754.7 | 2025.6 | 2383.8 | 2383.6 | 2096.5 | 2302.8 |
| 30° | 1612.3 | 1707.9 | 1867.3 | 1777.1 | 2100.9 | 2817.6 | 3491.9 | 4035.3 | 4053.5 | 3428.4 | 3646.7 |
| 27.5° | 2084.7 | 2564.7 | 3121.6 | 4016.0 | 3766.0 | 4733.0 | 6345.2 | 7188.1 | 7736.3 | 6977.7 | 7428.9 |
| 25° | 2895.4 | 3918.7 | 6478.2 | 7918.2 | 8187.6 | 8669.1 | 11162.1 | 12845.6 | 14572.1 | 15056.7 | 14614.0 |
| 22.5° | 4380.4 | 7680.8 | 11092.3 | 13181.4 | 14701.4 | 16080.7 | 18224.9 | 21842.4 | 23969.4 | 24890.3 | 24785.5 |
| 20° | 6860.4 | 12531.6 | 16826.1 | 19933.5 | 22518.6 | 25098.2 | 28508.7 | 31816.2 | 34214.5 | 35283.5 | 36289.7 |
| 17.5° | 11571.1 | 18218.6 | 23366.4 | 27312.1 | 30973.8 | 35095.1 | 38547.7 | 41573.6 | 43452.3 | 46255.9 | 49346.7 |
| 15° | 16871.8 | 24448.6 | 30309.8 | 35202.2 | 39848.1 | 43973.6 | 47046.5 | 48881.7 | 52816.2 | 57499.2 | 63106.1 |
| 12.5° | 22361.7 | 30820.8 | 37262.1 | 43010.6 | 48261.1 | 51294.2 | 52818.0 | 55404.9 | 60575.4 | 68068.6 | 80428.3 |
| 10° | 27888.7 | 36863.4 | 43432.3 | 49056.6 | 54108.2 | 56906.9 | 57453.7 | 60283.9 | 67571.6 | 81508.3 | 101510.2 |
| 7.5° | 33289.5 | 42639.4 | 48871.1 | 54049.4 | 57662.5 | 59234.6 | 60780.6 | 65242.4 | 75716.7 | 94860.9 | 135598.3 |
| 5° | 38366.8 | 48041.2 | 53643.8 | 58141.0 | 60479.3 | 61097.5 | 62850.9 | 68868.8 | 83497.6 | 113100.6 | 180276.3 |
| 2.5° | 42903.8 | 52952.6 | 57842.8 | 61514.4 | 62750.6 | 62703.4 | 64484.6 | 71382.9 | 89468.5 | 131253.4 | 230340.8 |
| 0° | 46673.4 | 57254.7 | 61583.9 | 64397.4 | 64719.5 | 64198.4 | 65789.9 | 72818.9 | 92702.7 | 140186.0 | 252265.7 |
| -2.5° | 48582.2 | 59976.8 | 64576.0 | 67296.8 | 67685.4 | 67199.3 | 68476.3 | 75007.6 | 93674.1 | 137177.0 | 238595.0 |
| -5° | 49336.3 | 61859.5 | 67264.1 | 70037.5 | 70669.6 | 70301.4 | 71108.0 | 76363.3 | 91678.9 | 124116.1 | 192904.1 |
| -7.5° | 48795.5 | 62805.6 | 69675.3 | 72694.5 | 73716.5 | 73543.4 | 73806.9 | 77047.1 | 87317.2 | 107573.9 | 149796.9 |
| -10° | 46848.4 | 62741.6 | 71839.0 | 75335.7 | 76861.9 | 76974.7 | 77042.7 | 78274.0 | 83765.3 | 97013.6 | 117179.5 |
| -12.5° | 43415.6 | 61620.2 | 73785.2 | 78000.8 | 79865.3 | 80705.0 | 81133.6 | 82024.5 | 84412.7 | 88950.2 | 101091.2 |
| -15° | 38554.9 | 58021.0 | 72074.0 | 78876.3 | 82011.9 | 83976.4 | 85278.6 | 86013.1 | 87322.3 | 89469.8 | 93291.9 |
| -17.5° | 32638.1 | 51139.1 | 67964.7 | 79188.4 | 83555.7 | 86360.2 | 88489.1 | 90264.6 | 90888.2 | 92008.4 | 93763.9 |
| -20° | 25722.2 | 43102.5 | 61346.2 | 74890.9 | 83310.3 | 87773.5 | 90796.8 | 92548.0 | 93831.6 | 94897.4 | 96705.9 |



REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 20990.3 | 34635.5 | 51517.4 | 68640.6 | 79999.6 | 87066.2 | 91122.5 | 92926.8 | 94691.4 | 96512.3 | 98474.9 |
| -25° | 16688.0 | 25766.1 | 41104.3 | 57133.4 | 72425.0 | 82816.3 | 88399.6 | 91621.9 | 93760.5 | 96016.9 | 98052.0 |
| -27.5° | 13150.5 | 20294.2 | 30153.3 | 44926.2 | 59735.1 | 72873.1 | 81136.2 | 87931.8 | 90819.9 | 93627.1 | 95280.7 |
| -30° | 9905.7 | 15060.4 | 22699.9 | 32432.9 | 45045.7 | 56852.2 | 68413.9 | 77167.6 | 83785.7 | 88930.8 | 90752.8 |
| -32.5° | 7703.6 | 11118.4 | 16182.0 | 23261.6 | 30550.2 | 40761.9 | 50720.4 | 60565.5 | 69591.3 | 76315.3 | 80515.6 |
| -35° | 5612.3 | 8293.6 | 11474.2 | 16007.9 | 21124.2 | 27269.8 | 33719.0 | 42138.7 | 49699.7 | 56744.7 | 62684.4 |
| -37.5° | 3868.3 | 5849.0 | 8311.2 | 10963.5 | 14663.8 | 18412.3 | 22956.3 | 27309.4 | 30953.7 | 36998.2 | 42056.5 |
| -40° | 2606.2 | 3776.9 | 5663.6 | 7674.4 | 10081.8 | 12470.7 | 15719.2 | 18670.4 | 21568.2 | 24379.3 | 26659.6 |
| -42.5° | 1648.4 | 2511.8 | 3524.0 | 5060.2 | 6743.8 | 8596.8 | 10642.1 | 12578.0 | 14696.8 | 16633.0 | 18247.8 |
| -45° | 986.1 | 1546.6 | 2206.3 | 3148.7 | 4118.2 | 5528.1 | 6953.8 | 8304.7 | 9767.1 | 11026.7 | 12110.8 |
| -47.5° | 623.9 | 853.3 | 1308.0 | 1842.6 | 2472.3 | 3329.8 | 4188.1 | 5093.7 | 6094.7 | 6948.0 | 7676.6 |
| -50° | 408.0 | 528.1 | 742.2 | 970.5 | 1381.3 | 1856.7 | 2328.4 | 2907.9 | 3490.7 | 4012.7 | 4467.3 |
| -52.5° | 298.4 | 361.1 | 438.6 | 548.2 | 748.4 | 955.3 | 1165.8 | 1508.1 | 1818.8 | 2092.5 | 2326.7 |
| -55° | 261.9 | 276.9 | 290.8 | 344.4 | 418.4 | 498.0 | 597.9 | 755.4 | 891.3 | 1011.3 | 1114.3 |
| -57.5° | 206.5 | 231.7 | 251.2 | 262.8 | 273.3 | 282.8 | 322.2 | 382.6 | 438.0 | 487.4 | 530.5 |
| -60° | 154.9 | 169.4 | 190.5 | 209.5 | 225.9 | 239.6 | 247.0 | 254.8 | 262.0 | 268.3 | 273.8 |
| -62.5° | 120.0 | 131.1 | 143.4 | 154.9 | 165.6 | 177.4 | 189.4 | 199.2 | 207.6 | 214.6 | 220.1 |
| -65° | 97.6 | 104.7 | 111.4 | 117.6 | 123.5 | 132.2 | 140.1 | 146.5 | 151.7 | 155.8 | 158.8 |
| -67.5° | 75.0 | 81.4 | 87.4 | 92.9 | 98.0 | 102.7 | 106.9 | 110.7 | 113.9 | 116.7 | 119.0 |
| -70° | 57.0 | 60.7 | 64.3 | 68.1 | 72.6 | 76.8 | 80.5 | 83.8 | 86.6 | 89.1 | 91.1 |
| -72.5° | 44.6 | 46.2 | 48.1 | 51.0 | 53.6 | 55.9 | 58.1 | 60.0 | 61.7 | 63.1 | 64.2 |
| -75° | 37.5 | 38.3 | 39.6 | 40.8 | 42.0 | 43.0 | 43.9 | 44.7 | 45.4 | 46.0 | 46.5 |
| -77.5° | 34.3 | 33.9 | 33.8 | 33.8 | 34.0 | 34.3 | 35.0 | 35.7 | 36.3 | 36.8 | 37.2 |
| -80° | 26.9 | 26.8 | 26.6 | 26.3 | 26.0 | 25.6 | 25.9 | 26.3 | 26.7 | 27.1 | 27.5 |
| -82.5° | 21.3 | 21.2 | 20.8 | 20.3 | 19.7 | 19.0 | 17.9 | 16.9 | 15.8 | 14.8 | 13.7 |
| -85° | 17.4 | 17.3 | 17.2 | 17.3 | 17.3 | 17.5 | 16.7 | 16.0 | 15.1 | 14.3 | 13.4 |
| -87.5° | 12.1 | 11.5 | 10.9 | 10.3 | 9.6 | 8.8 | 7.9 | 7.1 | 6.1 | 5.2 | 4.2 |
| -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: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 6.3 | 4.2 | 2.1 | 0.0 | 2.1 | 4.2 | 6.3 | 8.3 | 10.3 | 12.2 | 14.0 |
| 85° | 12.5 | 11.5 | 10.5 | 9.5 | 10.5 | 11.5 | 12.5 | 13.5 | 14.5 | 15.6 | 16.6 |
| 82.5° | 18.7 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.7 | 18.7 | 18.6 | 18.6 | 18.6 |
| 80° | 28.1 | 28.3 | 28.4 | 28.4 | 28.4 | 28.3 | 28.1 | 27.8 | 27.5 | 27.1 | 26.6 |
| 77.5° | 37.5 | 37.7 | 37.9 | 37.9 | 37.9 | 37.7 | 37.5 | 37.2 | 36.8 | 36.3 | 35.7 |
| 75° | 46.9 | 47.2 | 47.3 | 47.4 | 47.3 | 47.2 | 46.9 | 46.5 | 46.0 | 45.4 | 44.7 |
| 72.5° | 56.2 | 56.5 | 56.7 | 56.8 | 56.7 | 56.5 | 56.2 | 55.8 | 55.2 | 54.5 | 53.7 |
| 70° | 74.4 | 75.2 | 75.6 | 75.8 | 75.6 | 75.2 | 74.4 | 73.4 | 72.0 | 70.4 | 68.5 |
| 67.5° | 84.5 | 85.0 | 85.2 | 85.3 | 85.2 | 85.0 | 84.5 | 83.9 | 83.2 | 82.2 | 81.1 |
| 65° | 102.5 | 103.4 | 104.0 | 104.2 | 104.0 | 103.4 | 102.5 | 101.1 | 99.4 | 97.3 | 94.9 |
| 62.5° | 129.7 | 131.3 | 132.3 | 132.6 | 132.3 | 131.3 | 129.7 | 127.5 | 124.6 | 121.1 | 117.0 |
| 60° | 163.0 | 166.3 | 168.8 | 170.5 | 168.8 | 166.3 | 163.0 | 159.0 | 154.5 | 149.5 | 144.2 |
| 57.5° | 228.3 | 239.1 | 248.4 | 255.8 | 248.4 | 239.1 | 228.3 | 216.5 | 203.9 | 191.2 | 178.6 |
| 55° | 406.0 | 442.9 | 475.5 | 502.1 | 475.5 | 442.9 | 406.0 | 366.4 | 325.5 | 285.0 | 246.2 |
| 52.5° | 666.6 | 733.1 | 792.7 | 843.1 | 792.7 | 733.1 | 666.6 | 595.5 | 522.0 | 448.2 | 376.2 |
| 50° | 1004.7 | 1112.8 | 1211.8 | 1297.8 | 1211.8 | 1112.8 | 1004.7 | 891.0 | 775.5 | 661.5 | 552.3 |
| 47.5° | 1245.4 | 1362.0 | 1471.7 | 1572.5 | 1471.7 | 1362.0 | 1245.4 | 1123.9 | 999.7 | 874.6 | 763.3 |
| 45° | 1323.4 | 1421.7 | 1517.2 | 1610.4 | 1517.2 | 1421.7 | 1323.4 | 1221.6 | 1116.0 | 1006.0 | 925.8 |
| 42.5° | 1321.2 | 1391.3 | 1458.0 | 1525.2 | 1458.0 | 1391.3 | 1321.2 | 1244.5 | 1157.9 | 1058.6 | 1007.4 |
| 40° | 1349.6 | 1392.3 | 1426.8 | 1458.8 | 1426.8 | 1392.3 | 1349.6 | 1293.3 | 1218.4 | 1122.8 | 1083.0 |
| 37.5° | 1509.3 | 1548.0 | 1570.8 | 1582.0 | 1570.8 | 1548.0 | 1509.3 | 1450.9 | 1369.2 | 1279.4 | 1230.9 |
| 35° | 1862.3 | 1930.6 | 1972.9 | 1989.3 | 1972.9 | 1930.6 | 1862.3 | 1768.4 | 1649.3 | 1624.8 | 1586.0 |
| 32.5° | 2450.7 | 2542.7 | 2582.9 | 2576.7 | 2582.9 | 2542.7 | 2450.7 | 2302.8 | 2096.5 | 2383.6 | 2383.8 |
| 30° | 4059.5 | 4217.9 | 4164.4 | 3950.2 | 4164.4 | 4217.9 | 4059.5 | 3646.7 | 3428.4 | 4053.5 | 4035.3 |
| 27.5° | 8667.4 | 9140.1 | 8955.2 | 8251.0 | 8955.2 | 9140.1 | 8667.4 | 7428.9 | 6977.7 | 7736.3 | 7188.1 |
| 25° | 15952.2 | 16228.0 | 15511.5 | 14010.5 | 15511.5 | 16228.0 | 15952.2 | 14614.0 | 15056.7 | 14572.1 | 12845.6 |
| 22.5° | 25646.4 | 26320.8 | 25765.0 | 24042.4 | 25765.0 | 26320.8 | 25646.4 | 24785.5 | 24890.3 | 23969.4 | 21842.4 |
| 20° | 38195.4 | 40656.8 | 41794.2 | 41226.4 | 41794.2 | 40656.8 | 38195.4 | 36289.7 | 35283.5 | 34214.5 | 31816.2 |
| 17.5° | 53144.9 | 57663.9 | 60981.6 | 62104.9 | 60981.6 | 57663.9 | 53144.9 | 49346.7 | 46255.9 | 43452.3 | 41573.6 |
| 15° | 70997.2 | 79366.4 | 86486.2 | 90126.0 | 86486.2 | 79366.4 | 70997.2 | 63106.1 | 57499.2 | 52816.2 | 48881.7 |
| 12.5° | 94008.4 | 110893.1 | 128265.1 | 137367.8 | 128265.1 | 110893.1 | 94008.4 | 80428.3 | 68068.6 | 60575.4 | 55404.9 |
| 10° | 134276.4 | 174992.8 | 215933.1 | 228535.8 | 215933.1 | 174992.8 | 134276.4 | 101510.2 | 81508.3 | 67571.6 | 60283.9 |
| 7.5° | 206212.9 | 314814.8 | 440312.2 | 487480.0 | 440312.2 | 314814.8 | 206212.9 | 135598.3 | 94860.9 | 75716.7 | 65242.4 |
| 5° | 323674.4 | 571759.4 | 886564.7 | ##### | 886564.7 | 571759.4 | 323674.4 | 180276.3 | 113100.6 | 83497.6 | 68868.8 |
| 2.5° | 460026.5 | 900968.6 | ##### | ##### | ##### | 900968.6 | 460026.5 | 230340.8 | 131253.4 | 89468.5 | 71382.9 |
| 0° | 535034.4 | ##### | ##### | ##### | ##### | ##### | 535034.4 | 252265.7 | 140186.0 | 92702.7 | 72818.9 |
| -2.5° | 483719.8 | 938640.3 | ##### | ##### | ##### | 938640.3 | 483719.8 | 238595.0 | 137177.0 | 93674.1 | 75007.6 |
| -5° | 355124.6 | 642235.0 | 984309.9 | ##### | 984309.9 | 642235.0 | 355124.6 | 192904.1 | 124116.1 | 91678.9 | 76363.3 |
| -7.5° | 227526.0 | 373246.1 | 539871.6 | 614759.0 | 539871.6 | 373246.1 | 227526.0 | 149796.9 | 107573.9 | 87317.2 | 77047.1 |
| -10° | 152397.7 | 205037.0 | 260909.7 | 275645.0 | 260909.7 | 205037.0 | 152397.7 | 117179.5 | 97013.6 | 83765.3 | 78274.0 |
| -12.5° | 114420.1 | 132810.4 | 148860.3 | 155750.1 | 148860.3 | 132810.4 | 114420.1 | 101091.2 | 88950.2 | 84412.7 | 82024.5 |
| -15° | 100614.3 | 107687.5 | 112471.3 | 115371.5 | 112471.3 | 107687.5 | 100614.3 | 93291.9 | 89469.8 | 87322.3 | 86013.1 |
| -17.5° | 97232.1 | 99315.0 | 101226.3 | 103085.1 | 101226.3 | 99315.0 | 97232.1 | 93763.9 | 92008.4 | 90888.2 | 90264.6 |
| -20° | 98407.8 | 99081.7 | 100112.8 | 101361.0 | 100112.8 | 99081.7 | 98407.8 | 96705.9 | 94897.4 | 93831.6 | 92548.0 |



REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| -22.5° | 99460.5 | 100088.7 | 100910.9 | 101768.3 | 100910.9 | 100088.7 | 99460.5 | 98474.9 | 96512.3 | 94691.4 | 92926.8 |
| -25° | 98765.0 | 99439.6 | 100028.1 | 100432.6 | 100028.1 | 99439.6 | 98765.0 | 98052.0 | 96016.9 | 93760.5 | 91621.9 |
| -27.5° | 96175.9 | 96856.0 | 97276.0 | 97391.8 | 97276.0 | 96856.0 | 96175.9 | 95280.7 | 93627.1 | 90819.9 | 87931.8 |
| -30° | 91996.1 | 92834.4 | 93261.9 | 93280.5 | 93261.9 | 92834.4 | 91996.1 | 90752.8 | 88930.8 | 83785.7 | 77167.6 |
| -32.5° | 83830.7 | 86208.2 | 87605.8 | 87994.6 | 87605.8 | 86208.2 | 83830.7 | 80515.6 | 76315.3 | 69591.3 | 60565.5 |
| -35° | 67314.1 | 70595.9 | 72507.8 | 73046.2 | 72507.8 | 70595.9 | 67314.1 | 62684.4 | 56744.7 | 49699.7 | 42138.7 |
| -37.5° | 46045.2 | 48921.6 | 50653.5 | 51220.4 | 50653.5 | 48921.6 | 46045.2 | 42056.5 | 36998.2 | 30953.7 | 27309.4 |
| -40° | 28414.4 | 29647.2 | 30366.8 | 30588.3 | 30366.8 | 29647.2 | 28414.4 | 26659.6 | 24379.3 | 21568.2 | 18670.4 |
| -42.5° | 19534.2 | 20487.5 | 21105.7 | 21390.0 | 21105.7 | 20487.5 | 19534.2 | 18247.8 | 16633.0 | 14696.8 | 12578.0 |
| -45° | 13007.0 | 13703.6 | 14189.7 | 14455.8 | 14189.7 | 13703.6 | 13007.0 | 12110.8 | 11026.7 | 9767.1 | 8304.7 |
| -47.5° | 8274.2 | 8735.0 | 9053.9 | 9226.7 | 9053.9 | 8735.0 | 8274.2 | 7676.6 | 6948.0 | 6094.7 | 5093.7 |
| -50° | 4848.1 | 5148.6 | 5362.8 | 5484.9 | 5362.8 | 5148.6 | 4848.1 | 4467.3 | 4012.7 | 3490.7 | 2907.9 |
| -52.5° | 2519.0 | 2667.2 | 2769.2 | 2823.0 | 2769.2 | 2667.2 | 2519.0 | 2326.7 | 2092.5 | 1818.8 | 1508.1 |
| -55° | 1199.2 | 1265.1 | 1310.8 | 1335.7 | 1310.8 | 1265.1 | 1199.2 | 1114.3 | 1011.3 | 891.3 | 755.4 |
| -57.5° | 566.4 | 594.5 | 614.3 | 625.2 | 614.3 | 594.5 | 566.4 | 530.5 | 487.4 | 438.0 | 382.6 |
| -60° | 278.2 | 281.5 | 283.5 | 284.2 | 283.5 | 281.5 | 278.2 | 273.8 | 268.3 | 262.0 | 254.8 |
| -62.5° | 224.2 | 226.7 | 227.8 | 227.4 | 227.8 | 226.7 | 224.2 | 220.1 | 214.6 | 207.6 | 199.2 |
| -65° | 160.7 | 161.7 | 161.8 | 161.0 | 161.8 | 161.7 | 160.7 | 158.8 | 155.8 | 151.7 | 146.5 |
| -67.5° | 120.8 | 122.1 | 122.8 | 123.1 | 122.8 | 122.1 | 120.8 | 119.0 | 116.7 | 113.9 | 110.7 |
| -70° | 92.7 | 93.8 | 94.5 | 94.7 | 94.5 | 93.8 | 92.7 | 91.1 | 89.1 | 86.6 | 83.8 |
| -72.5° | 65.1 | 65.8 | 66.2 | 66.3 | 66.2 | 65.8 | 65.1 | 64.2 | 63.1 | 61.7 | 60.0 |
| -75° | 46.9 | 47.2 | 47.3 | 47.4 | 47.3 | 47.2 | 46.9 | 46.5 | 46.0 | 45.4 | 44.7 |
| -77.5° | 37.5 | 37.7 | 37.9 | 37.9 | 37.9 | 37.7 | 37.5 | 37.2 | 36.8 | 36.3 | 35.7 |
| -80° | 27.9 | 28.1 | 28.3 | 28.4 | 28.3 | 28.1 | 27.9 | 27.5 | 27.1 | 26.7 | 26.3 |
| -82.5° | 12.7 | 11.6 | 10.6 | 9.5 | 10.6 | 11.6 | 12.7 | 13.7 | 14.8 | 15.8 | 16.9 |
| -85° | 12.5 | 11.5 | 10.5 | 9.5 | 10.5 | 11.5 | 12.5 | 13.4 | 14.3 | 15.1 | 16.0 |
| -87.5° | 3.1 | 2.1 | 1.1 | 0.0 | 1.1 | 2.1 | 3.1 | 4.2 | 5.2 | 6.1 | 7.1 |
| -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: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 15.8 | 17.5 | 17.1 | 16.8 | 16.4 | 15.9 | 15.5 | 15.0 | 14.5 | 13.9 | 13.4 |
| 85° | 17.8 | 18.9 | 19.8 | 20.6 | 21.2 | 21.8 | 22.3 | 22.6 | 22.8 | 22.9 | 22.9 |
| 82.5° | 18.7 | 19.0 | 20.0 | 21.1 | 22.2 | 23.2 | 24.3 | 25.3 | 26.4 | 27.4 | 28.4 |
| 80° | 26.1 | 25.6 | 26.0 | 26.3 | 26.6 | 26.8 | 26.9 | 27.0 | 27.0 | 27.5 | 28.6 |
| 77.5° | 35.0 | 34.3 | 34.0 | 33.8 | 33.8 | 33.9 | 34.3 | 34.6 | 34.3 | 34.0 | 33.5 |
| 75° | 43.9 | 43.0 | 42.0 | 40.8 | 39.6 | 38.3 | 37.5 | 37.2 | 37.2 | 37.5 | 38.0 |
| 72.5° | 52.7 | 51.6 | 50.5 | 49.2 | 47.8 | 46.2 | 44.6 | 42.8 | 41.0 | 39.1 | 38.4 |
| 70° | 66.3 | 63.6 | 60.7 | 57.8 | 55.8 | 54.0 | 52.2 | 50.2 | 48.1 | 45.9 | 43.9 |
| 67.5° | 79.9 | 78.0 | 75.3 | 71.9 | 67.9 | 64.2 | 60.7 | 57.6 | 55.1 | 52.6 | 50.0 |
| 65° | 92.1 | 88.8 | 85.4 | 82.9 | 79.6 | 75.7 | 71.0 | 66.4 | 62.6 | 59.3 | 56.4 |
| 62.5° | 112.3 | 106.3 | 100.2 | 95.7 | 91.5 | 87.5 | 83.5 | 78.3 | 72.2 | 65.9 | 62.7 |
| 60° | 138.9 | 135.3 | 129.6 | 121.4 | 110.7 | 98.1 | 93.3 | 89.1 | 85.4 | 78.7 | 71.7 |
| 57.5° | 168.9 | 165.6 | 162.0 | 155.8 | 146.6 | 134.5 | 119.3 | 100.8 | 92.1 | 89.1 | 84.0 |
| 55° | 217.1 | 208.0 | 201.1 | 193.0 | 183.9 | 172.9 | 158.5 | 140.6 | 121.4 | 97.9 | 93.4 |
| 52.5° | 329.1 | 301.1 | 271.1 | 239.4 | 224.0 | 212.2 | 199.0 | 181.5 | 169.8 | 153.5 | 119.8 |
| 50° | 492.5 | 439.0 | 384.9 | 335.5 | 297.8 | 259.0 | 236.6 | 221.3 | 215.7 | 206.0 | 186.1 |
| 47.5° | 688.5 | 609.5 | 529.9 | 461.9 | 399.8 | 343.3 | 299.1 | 260.9 | 254.8 | 249.8 | 236.7 |
| 45° | 858.6 | 783.6 | 700.1 | 608.9 | 519.5 | 446.5 | 380.8 | 343.0 | 299.2 | 282.6 | 278.1 |
| 42.5° | 969.7 | 924.9 | 853.5 | 759.1 | 658.5 | 561.3 | 491.2 | 446.8 | 388.4 | 329.9 | 305.9 |
| 40° | 1046.8 | 1007.5 | 955.9 | 895.9 | 798.6 | 683.8 | 641.5 | 576.8 | 505.0 | 421.6 | 346.0 |
| 37.5° | 1156.3 | 1076.1 | 1031.1 | 980.0 | 910.5 | 871.2 | 824.6 | 748.3 | 646.4 | 541.8 | 437.7 |
| 35° | 1409.7 | 1258.5 | 1129.2 | 1044.5 | 1003.9 | 1073.9 | 1052.4 | 950.6 | 827.9 | 688.9 | 547.1 |
| 32.5° | 2025.6 | 1754.7 | 1352.9 | 1188.8 | 1247.4 | 1328.2 | 1302.9 | 1199.2 | 1032.4 | 867.1 | 693.9 |
| 30° | 3491.9 | 2817.6 | 2100.9 | 1777.1 | 1867.3 | 1707.9 | 1612.3 | 1481.4 | 1289.7 | 1063.3 | 854.3 |
| 27.5° | 6345.2 | 4733.0 | 3766.0 | 4016.0 | 3121.6 | 2564.7 | 2084.7 | 1808.1 | 1573.8 | 1304.8 | 1042.5 |
| 25° | 11162.1 | 8669.1 | 8187.6 | 7918.2 | 6478.2 | 3918.7 | 2895.4 | 2298.0 | 1907.8 | 1572.2 | 1236.7 |
| 22.5° | 18224.9 | 16080.7 | 14701.4 | 13181.4 | 11092.3 | 7680.8 | 4380.4 | 2895.4 | 2281.3 | 1870.9 | 1507.6 |
| 20° | 28508.7 | 25098.2 | 22518.6 | 19933.5 | 16826.1 | 12531.6 | 6860.4 | 4110.1 | 2894.3 | 2353.8 | 1842.0 |
| 17.5° | 38547.7 | 35095.1 | 30973.8 | 27312.1 | 23366.4 | 18218.6 | 11571.1 | 5904.8 | 3873.9 | 2943.3 | 2222.8 |
| 15° | 47046.5 | 43973.6 | 39848.1 | 35202.2 | 30309.8 | 24448.6 | 16871.8 | 8144.5 | 5198.0 | 3728.1 | 2714.3 |
| 12.5° | 52818.0 | 51294.2 | 48261.1 | 43010.6 | 37262.1 | 30820.8 | 22361.7 | 12643.6 | 7040.7 | 4673.1 | 3259.0 |
| 10° | 57453.7 | 56906.9 | 54108.2 | 49056.6 | 43432.3 | 36863.4 | 27888.7 | 17043.5 | 8885.5 | 5669.7 | 3828.3 |
| 7.5° | 60780.6 | 59234.6 | 57662.5 | 54049.4 | 48871.1 | 42639.4 | 33289.5 | 21208.2 | 10679.9 | 6680.7 | 4400.6 |
| 5° | 62850.9 | 61097.5 | 60479.3 | 58141.0 | 53643.8 | 48041.2 | 38366.8 | 24985.6 | 12365.4 | 7664.4 | 4952.2 |
| 2.5° | 64484.6 | 62703.4 | 62750.6 | 61514.4 | 57842.8 | 52952.6 | 42903.8 | 28212.6 | 13879.3 | 8575.9 | 5458.1 |
| 0° | 65789.9 | 64198.4 | 64719.5 | 64397.4 | 61583.9 | 57254.7 | 46673.4 | 30720.9 | 15156.8 | 9368.8 | 5892.2 |
| -2.5° | 68476.3 | 67199.3 | 67685.4 | 67296.8 | 64576.0 | 59976.8 | 48582.2 | 31762.5 | 15845.1 | 9680.0 | 5998.1 |
| -5° | 71108.0 | 70301.4 | 70669.6 | 70037.5 | 67264.1 | 61859.5 | 49336.3 | 31816.2 | 16164.2 | 9791.5 | 5994.5 |
| -7.5° | 73806.9 | 73543.4 | 73716.5 | 72694.5 | 69675.3 | 62805.6 | 48795.5 | 30793.0 | 16051.0 | 9671.8 | 5870.9 |
| -10° | 77042.7 | 76974.7 | 76861.9 | 75335.7 | 71839.0 | 62741.6 | 46848.4 | 28622.5 | 15450.9 | 9293.1 | 5618.2 |
| -12.5° | 81133.6 | 80705.0 | 79865.3 | 78000.8 | 73785.2 | 61620.2 | 43415.6 | 25255.2 | 14318.8 | 8631.8 | 5229.0 |
| -15° | 85278.6 | 83976.4 | 82011.9 | 78876.3 | 72074.0 | 58021.0 | 38554.9 | 20662.9 | 12620.5 | 7669.6 | 4697.7 |
| -17.5° | 88489.1 | 86360.2 | 83555.7 | 79188.4 | 67964.7 | 51139.1 | 32638.1 | 18351.0 | 11100.2 | 6665.9 | 4054.8 |
| -20° | 90796.8 | 87773.5 | 83310.3 | 74890.9 | 61346.2 | 43102.5 | 25722.2 | 15637.2 | 9506.4 | 5826.3 | 3519.6 |



REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| -22.5° | 91122.5 | 87066.2 | 79999.6 | 68640.6 | 51517.4 | 34635.5 | 20990.3 | 12848.3 | 7743.1 | 4833.1 | 2887.6 |
| -25° | 88399.6 | 82816.3 | 72425.0 | 57133.4 | 41104.3 | 25766.1 | 16688.0 | 10648.5 | 6644.1 | 4035.9 | 2233.6 |
| -27.5° | 81136.2 | 72873.1 | 59735.1 | 44926.2 | 30153.3 | 20294.2 | 13150.5 | 8301.5 | 5352.6 | 3246.7 | 1879.3 |
| -30° | 68413.9 | 56852.2 | 45045.7 | 32432.9 | 22699.9 | 15060.4 | 9905.7 | 6687.1 | 4227.5 | 2438.0 | 1449.1 |
| -32.5° | 50720.4 | 40761.9 | 30550.2 | 23261.6 | 16182.0 | 11118.4 | 7703.6 | 5043.7 | 3051.8 | 1905.0 | 1134.4 |
| -35° | 33719.0 | 27269.8 | 21124.2 | 16007.9 | 11474.2 | 8293.6 | 5612.3 | 3602.2 | 2275.3 | 1368.4 | 826.2 |
| -37.5° | 22956.3 | 18412.3 | 14663.8 | 10963.5 | 8311.2 | 5849.0 | 3868.3 | 2522.0 | 1549.4 | 987.9 | 622.5 |
| -40° | 15719.2 | 12470.7 | 10081.8 | 7674.4 | 5663.6 | 3776.9 | 2606.2 | 1651.4 | 1084.1 | 674.2 | 467.0 |
| -42.5° | 10642.1 | 8596.8 | 6743.8 | 5060.2 | 3524.0 | 2511.8 | 1648.4 | 1090.3 | 695.0 | 488.7 | 395.8 |
| -45° | 6953.8 | 5528.1 | 4118.2 | 3148.7 | 2206.3 | 1546.6 | 986.1 | 676.8 | 476.1 | 390.1 | 344.1 |
| -47.5° | 4188.1 | 3329.8 | 2472.3 | 1842.6 | 1308.0 | 853.3 | 623.9 | 430.8 | 372.6 | 327.8 | 328.6 |
| -50° | 2328.4 | 1856.7 | 1381.3 | 970.5 | 742.2 | 528.1 | 408.0 | 338.3 | 306.4 | 304.0 | 285.8 |
| -52.5° | 1165.8 | 955.3 | 748.4 | 548.2 | 438.6 | 361.1 | 298.4 | 281.1 | 272.9 | 247.7 | 195.1 |
| -55° | 597.9 | 498.0 | 418.4 | 344.4 | 290.8 | 276.9 | 261.9 | 239.8 | 208.9 | 169.9 | 147.8 |
| -57.5° | 322.2 | 282.8 | 273.3 | 262.8 | 251.2 | 231.7 | 206.5 | 178.2 | 157.3 | 138.0 | 119.1 |
| -60° | 247.0 | 239.6 | 225.9 | 209.5 | 190.5 | 169.4 | 154.9 | 139.6 | 123.5 | 112.6 | 101.0 |
| -62.5° | 189.4 | 177.4 | 165.6 | 154.9 | 143.4 | 131.1 | 120.0 | 111.6 | 102.8 | 93.2 | 83.1 |
| -65° | 140.1 | 132.2 | 123.5 | 117.6 | 111.4 | 104.7 | 97.6 | 90.0 | 82.1 | 73.7 | 65.5 |
| -67.5° | 106.9 | 102.7 | 98.0 | 92.9 | 87.4 | 81.4 | 75.0 | 68.3 | 62.9 | 57.9 | 53.4 |
| -70° | 80.5 | 76.8 | 72.6 | 68.1 | 64.3 | 60.7 | 57.0 | 53.0 | 48.8 | 45.9 | 44.3 |
| -72.5° | 58.1 | 55.9 | 53.6 | 51.0 | 48.1 | 46.2 | 44.6 | 42.8 | 41.0 | 39.1 | 38.4 |
| -75° | 43.9 | 43.0 | 42.0 | 40.8 | 39.6 | 38.3 | 37.5 | 37.2 | 37.2 | 37.5 | 38.0 |
| -77.5° | 35.0 | 34.3 | 34.0 | 33.8 | 33.8 | 33.9 | 34.3 | 34.6 | 34.3 | 34.0 | 33.5 |
| -80° | 25.9 | 25.6 | 26.0 | 26.3 | 26.6 | 26.8 | 26.9 | 27.0 | 27.0 | 27.0 | 26.9 |
| -82.5° | 17.9 | 19.0 | 19.7 | 20.3 | 20.8 | 21.2 | 21.3 | 21.3 | 21.1 | 20.7 | 20.1 |
| -85° | 16.7 | 17.5 | 17.3 | 17.3 | 17.2 | 17.3 | 17.4 | 17.6 | 17.9 | 18.4 | 18.9 |
| -87.5° | 7.9 | 8.8 | 9.6 | 10.3 | 10.9 | 11.5 | 12.1 | 12.5 | 12.9 | 13.2 | 13.4 |
| -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: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 13.5 | 13.5 | 13.4 | 13.3 | 13.0 | 12.6 | 12.1 | 11.6 | 10.9 | 9.7 | 8.5 |
| 85° | 22.9 | 23.1 | 23.5 | 23.9 | 24.5 | 25.2 | 24.3 | 23.1 | 21.7 | 19.4 | 17.1 |
| 82.5° | 28.4 | 27.9 | 27.3 | 26.9 | 26.8 | 26.9 | 27.1 | 27.7 | 28.4 | 28.4 | 25.6 |
| 80° | 29.3 | 29.7 | 29.8 | 29.7 | 29.2 | 28.4 | 28.1 | 28.1 | 28.4 | 28.4 | 28.4 |
| 77.5° | 32.7 | 32.2 | 32.0 | 32.2 | 32.1 | 31.6 | 30.6 | 29.3 | 28.4 | 28.4 | 28.4 |
| 75° | 37.9 | 36.7 | 35.7 | 35.0 | 34.8 | 34.9 | 34.2 | 32.9 | 31.0 | 28.7 | 28.4 |
| 72.5° | 39.0 | 39.1 | 38.7 | 37.8 | 36.9 | 36.5 | 36.6 | 36.6 | 34.5 | 31.8 | 29.1 |
| 70° | 42.3 | 41.3 | 41.0 | 40.5 | 39.3 | 37.7 | 37.3 | 37.6 | 37.9 | 34.9 | 31.8 |
| 67.5° | 47.3 | 45.4 | 44.1 | 43.3 | 42.5 | 40.8 | 38.5 | 37.8 | 38.1 | 37.9 | 34.5 |
| 65° | 53.4 | 50.3 | 47.2 | 45.8 | 45.0 | 44.4 | 42.1 | 39.0 | 38.5 | 38.5 | 37.1 |
| 62.5° | 59.4 | 55.9 | 52.4 | 48.7 | 46.7 | 46.1 | 45.8 | 42.7 | 39.5 | 39.1 | 38.5 |
| 60° | 65.3 | 61.5 | 57.6 | 53.7 | 49.6 | 47.0 | 46.9 | 46.3 | 42.5 | 39.9 | 39.3 |
| 57.5° | 76.1 | 67.9 | 62.8 | 58.5 | 54.1 | 49.6 | 47.3 | 47.5 | 45.3 | 41.9 | 40.2 |
| 55° | 87.2 | 78.7 | 69.6 | 63.3 | 58.5 | 53.7 | 48.7 | 47.8 | 47.5 | 44.1 | 41.2 |
| 52.5° | 97.4 | 89.4 | 79.6 | 69.6 | 62.8 | 57.6 | 52.4 | 48.3 | 48.1 | 46.1 | 42.8 |
| 50° | 138.4 | 100.4 | 89.9 | 78.7 | 67.9 | 61.5 | 55.9 | 51.1 | 48.8 | 47.6 | 44.3 |
| 47.5° | 212.7 | 147.4 | 101.4 | 88.2 | 76.1 | 65.3 | 59.5 | 53.9 | 49.7 | 48.5 | 45.7 |
| 45° | 261.4 | 226.6 | 140.7 | 99.7 | 84.0 | 71.8 | 63.3 | 56.5 | 51.9 | 49.4 | 46.9 |
| 42.5° | 300.3 | 280.1 | 221.7 | 112.5 | 94.6 | 79.5 | 67.2 | 59.8 | 53.9 | 50.5 | 47.9 |
| 40° | 325.7 | 316.2 | 292.5 | 192.3 | 106.1 | 87.3 | 73.9 | 63.4 | 55.7 | 51.7 | 48.9 |
| 37.5° | 348.2 | 343.3 | 325.8 | 274.7 | 133.5 | 98.3 | 80.9 | 67.1 | 57.7 | 53.1 | 49.9 |
| 35° | 432.4 | 362.8 | 358.4 | 323.9 | 203.0 | 109.1 | 87.9 | 71.7 | 60.9 | 54.4 | 51.0 |
| 32.5° | 523.4 | 402.0 | 376.1 | 342.6 | 267.2 | 119.6 | 96.3 | 77.8 | 64.1 | 55.4 | 52.1 |
| 30° | 653.0 | 486.8 | 383.9 | 359.3 | 313.4 | 170.7 | 105.5 | 83.7 | 67.2 | 56.3 | 53.2 |
| 27.5° | 798.3 | 565.5 | 406.7 | 369.3 | 327.4 | 220.4 | 114.5 | 89.5 | 70.3 | 57.8 | 54.0 |
| 25° | 950.7 | 677.5 | 474.8 | 378.7 | 339.5 | 265.3 | 123.0 | 95.1 | 74.5 | 60.2 | 54.7 |
| 22.5° | 1136.3 | 803.5 | 541.0 | 389.6 | 349.9 | 304.4 | 145.5 | 102.2 | 78.9 | 62.6 | 55.2 |
| 20° | 1337.5 | 929.7 | 604.8 | 409.9 | 358.6 | 313.0 | 178.8 | 108.8 | 83.2 | 64.8 | 55.7 |
| 17.5° | 1564.7 | 1076.3 | 700.7 | 461.6 | 367.4 | 320.1 | 207.7 | 115.0 | 87.1 | 66.9 | 56.0 |
| 15° | 1875.8 | 1246.9 | 799.6 | 509.4 | 376.5 | 325.7 | 232.3 | 120.7 | 90.7 | 68.8 | 56.3 |
| 12.5° | 2202.2 | 1416.9 | 892.6 | 552.8 | 385.5 | 329.9 | 252.6 | 125.9 | 94.0 | 70.5 | 56.5 |
| 10° | 2533.0 | 1581.7 | 977.8 | 591.2 | 394.1 | 332.7 | 268.7 | 130.4 | 96.9 | 72.1 | 56.7 |
| 7.5° | 2856.3 | 1736.1 | 1053.4 | 624.0 | 401.9 | 334.1 | 280.7 | 134.4 | 99.4 | 73.4 | 56.7 |
| 5° | 3158.9 | 1875.1 | 1117.5 | 650.5 | 408.6 | 334.4 | 288.8 | 137.7 | 101.5 | 74.5 | 56.8 |
| 2.5° | 3427.2 | 1992.9 | 1168.0 | 670.0 | 413.7 | 333.5 | 293.0 | 140.2 | 103.1 | 75.3 | 56.8 |
| 0° | 3647.1 | 2084.1 | 1203.1 | 682.1 | 416.8 | 331.6 | 293.7 | 142.1 | 104.2 | 75.8 | 56.8 |
| -2.5° | 3680.5 | 2085.3 | 1195.9 | 676.6 | 416.3 | 335.4 | 299.6 | 142.7 | 104.4 | 76.0 | 57.1 |
| -5° | 3645.8 | 2052.6 | 1171.1 | 663.2 | 413.9 | 338.6 | 301.5 | 142.5 | 104.0 | 76.0 | 57.4 |
| -7.5° | 3537.9 | 1984.4 | 1128.3 | 642.2 | 409.7 | 341.5 | 299.2 | 141.4 | 103.2 | 75.6 | 57.7 |
| -10° | 3352.5 | 1879.6 | 1067.5 | 613.9 | 404.1 | 344.3 | 292.0 | 139.5 | 101.8 | 74.9 | 58.0 |
| -12.5° | 3086.0 | 1737.2 | 988.7 | 578.6 | 397.6 | 347.3 | 279.7 | 136.8 | 100.0 | 74.0 | 58.2 |
| -15° | 2735.7 | 1556.5 | 892.1 | 536.6 | 390.3 | 350.9 | 261.9 | 133.1 | 97.6 | 72.7 | 58.3 |
| -17.5° | 2299.9 | 1337.3 | 777.9 | 488.2 | 382.7 | 355.2 | 238.3 | 128.5 | 94.8 | 71.1 | 58.3 |
| -20° | 1991.0 | 1141.7 | 659.1 | 433.9 | 374.9 | 360.6 | 208.6 | 123.0 | 91.4 | 69.3 | 58.3 |



REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 1680.0 | 982.5 | 592.3 | 413.7 | 372.2 | 367.1 | 172.6 | 116.6 | 87.6 | 67.1 | 58.1 |
| -25° | 1327.3 | 805.4 | 520.0 | 403.2 | 378.2 | 325.6 | 148.0 | 109.3 | 83.3 | 64.7 | 57.8 |
| -27.5° | 1078.3 | 641.5 | 442.6 | 393.7 | 386.3 | 275.2 | 139.1 | 103.8 | 79.2 | 62.0 | 57.5 |
| -30° | 872.0 | 552.9 | 416.9 | 390.1 | 396.5 | 217.0 | 129.2 | 98.0 | 75.8 | 60.7 | 56.9 |
| -32.5° | 662.0 | 459.7 | 407.8 | 402.1 | 350.3 | 155.5 | 118.2 | 91.8 | 72.2 | 60.1 | 55.6 |
| -35° | 548.3 | 415.1 | 393.5 | 417.1 | 271.5 | 142.5 | 108.1 | 85.0 | 68.3 | 59.3 | 54.0 |
| -37.5° | 427.0 | 391.8 | 396.1 | 376.8 | 183.8 | 128.4 | 100.1 | 79.4 | 64.1 | 58.4 | 52.3 |
| -40° | 394.8 | 375.0 | 396.0 | 268.8 | 147.7 | 113.2 | 91.7 | 74.4 | 62.0 | 57.2 | 50.5 |
| -42.5° | 358.7 | 371.4 | 313.9 | 163.8 | 129.9 | 103.3 | 83.2 | 69.2 | 60.5 | 55.3 | 48.6 |
| -45° | 350.0 | 327.0 | 206.7 | 142.3 | 112.5 | 93.2 | 77.2 | 64.2 | 58.7 | 53.0 | 46.9 |
| -47.5° | 315.1 | 221.4 | 150.4 | 121.4 | 101.0 | 83.6 | 70.8 | 61.9 | 56.7 | 50.6 | 45.7 |
| -50° | 215.0 | 154.0 | 127.2 | 106.3 | 89.1 | 76.1 | 65.1 | 59.3 | 53.9 | 48.2 | 44.3 |
| -52.5° | 153.2 | 128.5 | 108.9 | 93.0 | 79.5 | 68.1 | 61.8 | 56.5 | 51.1 | 46.1 | 42.8 |
| -55° | 125.4 | 108.9 | 94.3 | 81.4 | 70.1 | 62.7 | 57.9 | 53.1 | 48.1 | 44.1 | 41.2 |
| -57.5° | 106.2 | 93.0 | 81.2 | 70.3 | 62.9 | 57.9 | 53.9 | 49.7 | 45.3 | 41.9 | 40.2 |
| -60° | 89.3 | 78.6 | 68.4 | 61.9 | 57.0 | 53.1 | 49.8 | 46.3 | 42.5 | 39.9 | 39.3 |
| -62.5° | 73.3 | 64.9 | 59.5 | 54.8 | 51.5 | 48.6 | 45.8 | 42.7 | 39.5 | 39.1 | 38.5 |
| -65° | 60.2 | 55.4 | 51.3 | 49.0 | 46.6 | 44.4 | 42.1 | 39.0 | 38.5 | 38.5 | 37.1 |
| -67.5° | 49.3 | 47.5 | 45.7 | 43.7 | 42.5 | 40.8 | 38.5 | 37.8 | 38.1 | 37.9 | 34.5 |
| -70° | 43.0 | 41.5 | 41.0 | 40.5 | 39.3 | 37.7 | 37.3 | 37.6 | 37.9 | 34.9 | 31.8 |
| -72.5° | 39.0 | 39.1 | 38.7 | 37.8 | 36.9 | 36.5 | 36.6 | 36.5 | 34.5 | 31.8 | 29.1 |
| -75° | 37.9 | 36.7 | 35.7 | 35.0 | 34.8 | 34.8 | 33.7 | 32.5 | 31.0 | 28.7 | 28.4 |
| -77.5° | 32.7 | 32.2 | 32.0 | 31.5 | 30.8 | 30.1 | 29.3 | 28.5 | 28.4 | 28.4 | 28.4 |
| -80° | 26.7 | 26.5 | 26.3 | 26.0 | 25.7 | 25.4 | 26.4 | 27.5 | 28.4 | 28.4 | 28.4 |
| -82.5° | 20.3 | 21.1 | 22.2 | 23.2 | 24.3 | 25.3 | 26.4 | 27.4 | 28.4 | 28.4 | 25.6 |
| -85° | 20.0 | 21.1 | 22.1 | 23.2 | 24.2 | 25.2 | 24.3 | 23.1 | 21.7 | 19.4 | 17.1 |
| -87.5° | 13.5 | 13.5 | 13.4 | 13.3 | 13.0 | 12.6 | 12.1 | 11.6 | 10.9 | 9.7 | 8.5 |
| -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: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 7.3 | 6.1 | 4.9 | 3.7 | 2.5 | 1.2 | 0.0 |
| 85° | 14.7 | 12.3 | 9.9 | 7.4 | 4.9 | 2.5 | 0.0 |
| 82.5° | 22.0 | 18.4 | 14.8 | 11.1 | 7.4 | 3.7 | 0.0 |
| 80° | 28.4 | 24.5 | 19.6 | 14.8 | 9.9 | 4.9 | 0.0 |
| 77.5° | 28.4 | 28.4 | 24.5 | 18.4 | 12.3 | 6.1 | 0.0 |
| 75° | 28.4 | 28.4 | 28.4 | 22.0 | 14.7 | 7.3 | 0.0 |
| 72.5° | 28.4 | 28.4 | 28.4 | 25.6 | 17.1 | 8.5 | 0.0 |
| 70° | 28.7 | 28.4 | 28.4 | 28.4 | 19.4 | 9.7 | 0.0 |
| 67.5° | 31.0 | 28.4 | 28.4 | 28.4 | 21.7 | 10.9 | 0.0 |
| 65° | 33.3 | 29.3 | 28.4 | 28.4 | 24.0 | 12.0 | 0.0 |
| 62.5° | 35.5 | 31.2 | 28.4 | 28.4 | 26.2 | 13.1 | 0.0 |
| 60° | 37.7 | 33.0 | 28.4 | 28.4 | 28.4 | 14.2 | 0.0 |
| 57.5° | 38.7 | 34.8 | 29.7 | 28.4 | 28.4 | 15.3 | 0.0 |
| 55° | 39.7 | 36.5 | 31.1 | 28.4 | 28.4 | 16.3 | 0.0 |
| 52.5° | 40.7 | 38.1 | 32.5 | 28.4 | 28.4 | 17.3 | 0.0 |
| 50° | 41.7 | 39.0 | 33.8 | 28.4 | 28.4 | 18.3 | 0.0 |
| 47.5° | 42.8 | 39.9 | 35.0 | 28.6 | 28.4 | 19.2 | 0.0 |
| 45° | 43.9 | 40.9 | 36.2 | 29.5 | 28.4 | 20.1 | 0.0 |
| 42.5° | 44.8 | 41.9 | 37.4 | 30.4 | 28.4 | 20.9 | 0.0 |
| 40° | 45.6 | 42.9 | 38.3 | 31.2 | 28.4 | 21.8 | 0.0 |
| 37.5° | 46.4 | 43.9 | 39.1 | 32.0 | 28.4 | 22.5 | 0.0 |
| 35° | 47.0 | 44.6 | 39.8 | 32.7 | 28.4 | 23.3 | 0.0 |
| 32.5° | 47.7 | 45.1 | 40.6 | 33.4 | 28.4 | 24.0 | 0.0 |
| 30° | 48.5 | 45.6 | 41.3 | 34.1 | 28.4 | 24.6 | 0.0 |
| 27.5° | 49.4 | 46.0 | 42.0 | 34.7 | 28.4 | 25.2 | 0.0 |
| 25° | 50.3 | 46.3 | 42.7 | 35.2 | 28.4 | 25.7 | 0.0 |
| 22.5° | 51.1 | 46.6 | 43.4 | 35.7 | 28.4 | 26.2 | 0.0 |
| 20° | 51.9 | 46.8 | 44.0 | 36.2 | 28.4 | 26.7 | 0.0 |
| 17.5° | 52.8 | 47.0 | 44.6 | 36.6 | 28.4 | 27.1 | 0.0 |
| 15° | 53.5 | 47.2 | 45.1 | 36.9 | 28.4 | 27.4 | 0.0 |
| 12.5° | 54.2 | 47.3 | 45.7 | 37.2 | 28.4 | 27.7 | 0.0 |
| 10° | 54.9 | 47.3 | 46.1 | 37.5 | 28.4 | 28.0 | 0.0 |
| 7.5° | 55.5 | 47.4 | 46.5 | 37.7 | 28.4 | 28.2 | 0.0 |
| 5° | 56.0 | 47.4 | 46.9 | 37.8 | 28.4 | 28.3 | 0.0 |
| 2.5° | 56.5 | 47.4 | 47.2 | 37.9 | 28.4 | 28.4 | 0.0 |
| 0° | 56.8 | 47.4 | 47.4 | 37.9 | 28.4 | 28.4 | 0.0 |
| -2.5° | 56.7 | 47.4 | 47.2 | 37.9 | 28.4 | 28.4 | 0.0 |
| -5° | 56.6 | 47.4 | 46.9 | 37.8 | 28.4 | 28.3 | 0.0 |
| -7.5° | 56.3 | 47.4 | 46.5 | 37.7 | 28.4 | 28.2 | 0.0 |
| -10° | 55.9 | 47.3 | 46.1 | 37.5 | 28.4 | 28.0 | 0.0 |
| -12.5° | 55.4 | 47.3 | 45.7 | 37.2 | 28.4 | 27.7 | 0.0 |
| -15° | 54.8 | 47.2 | 45.1 | 36.9 | 28.4 | 27.4 | 0.0 |
| -17.5° | 54.1 | 47.0 | 44.6 | 36.6 | 28.4 | 27.1 | 0.0 |
| -20° | 53.3 | 46.8 | 44.0 | 36.2 | 28.4 | 26.7 | 0.0 |



REPORT NUMBER: P1306421 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-1L-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 52.4 | 46.6 | 43.4 | 35.7 | 28.4 | 26.2 | 0.0 |
| -25° | 51.4 | 46.3 | 42.7 | 35.2 | 28.4 | 25.7 | 0.0 |
| -27.5° | 50.3 | 46.0 | 42.0 | 34.7 | 28.4 | 25.2 | 0.0 |
| -30° | 49.1 | 45.6 | 41.3 | 34.1 | 28.4 | 24.6 | 0.0 |
| -32.5° | 47.8 | 45.1 | 40.6 | 33.4 | 28.4 | 24.0 | 0.0 |
| -35° | 47.0 | 44.6 | 39.8 | 32.7 | 28.4 | 23.3 | 0.0 |
| -37.5° | 46.4 | 43.9 | 39.1 | 32.0 | 28.4 | 22.5 | 0.0 |
| -40° | 45.6 | 42.9 | 38.3 | 31.2 | 28.4 | 21.8 | 0.0 |
| -42.5° | 44.8 | 41.9 | 37.4 | 30.4 | 28.4 | 20.9 | 0.0 |
| -45° | 43.9 | 40.9 | 36.2 | 29.5 | 28.4 | 20.1 | 0.0 |
| -47.5° | 42.8 | 39.9 | 35.0 | 28.6 | 28.4 | 19.2 | 0.0 |
| -50° | 41.7 | 39.0 | 33.8 | 28.4 | 28.4 | 18.3 | 0.0 |
| -52.5° | 40.7 | 38.1 | 32.5 | 28.4 | 28.4 | 17.3 | 0.0 |
| -55° | 39.7 | 36.5 | 31.1 | 28.4 | 28.4 | 16.3 | 0.0 |
| -57.5° | 38.7 | 34.8 | 29.7 | 28.4 | 28.4 | 15.3 | 0.0 |
| -60° | 37.7 | 33.0 | 28.4 | 28.4 | 28.4 | 14.2 | 0.0 |
| -62.5° | 35.5 | 31.2 | 28.4 | 28.4 | 26.2 | 13.1 | 0.0 |
| -65° | 33.3 | 29.3 | 28.4 | 28.4 | 24.0 | 12.0 | 0.0 |
| -67.5° | 31.0 | 28.4 | 28.4 | 28.4 | 21.7 | 10.9 | 0.0 |
| -70° | 28.7 | 28.4 | 28.4 | 28.4 | 19.4 | 9.7 | 0.0 |
| -72.5° | 28.4 | 28.4 | 28.4 | 25.6 | 17.1 | 8.5 | 0.0 |
| -75° | 28.4 | 28.4 | 28.4 | 22.0 | 14.7 | 7.3 | 0.0 |
| -77.5° | 28.4 | 28.4 | 24.5 | 18.4 | 12.3 | 6.1 | 0.0 |
| -80° | 28.4 | 24.5 | 19.6 | 14.8 | 9.9 | 4.9 | 0.0 |
| -82.5° | 22.0 | 18.4 | 14.8 | 11.1 | 7.4 | 3.7 | 0.0 |
| -85° | 14.7 | 12.3 | 9.9 | 7.4 | 4.9 | 2.5 | 0.0 |
| -87.5° | 7.3 | 6.1 | 4.9 | 3.7 | 2.5 | 1.2 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)