

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: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS16-1200L-40-70-5L-A**

Issue Date: 2/3/2026

Test Information

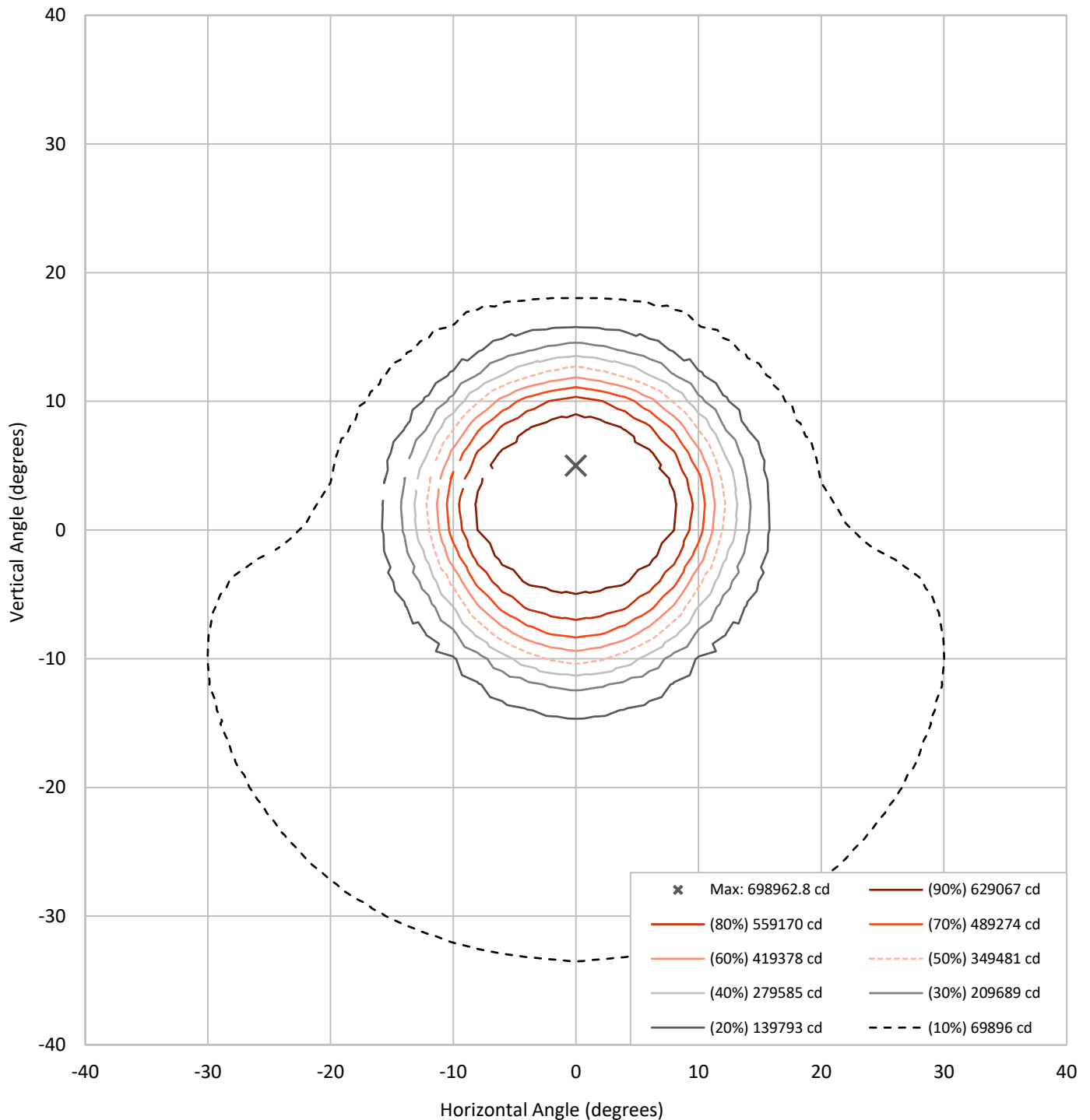
Test Method: LM-79-08
Report Number: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-53)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS16-1200L-40-70-5L-A
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 4000K, 70 CRI LEDS AND 5L BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|-------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 4V |
| Luminaire Lumens: | 165212.2 lumens | Max Intensity: | 698962.8 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 5°V |
| Efficacy: | 128.1 lumens/watt | | |
| Luminous Opening: | Circular (Dia: 1.67' x H: 0') | | |
| Beam Angle (50%): | 23.3°H x 23°V | Field Angle (10%): | 39.5°H x 51.6°V |
| Beam Lumens: | 73319.9 lumens | Field Lumens: | 134531 lumens |
| Beam Efficiency: | 44.4% | Field Efficiency: | 81.4% |
| 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: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

Iso-Candela Plot





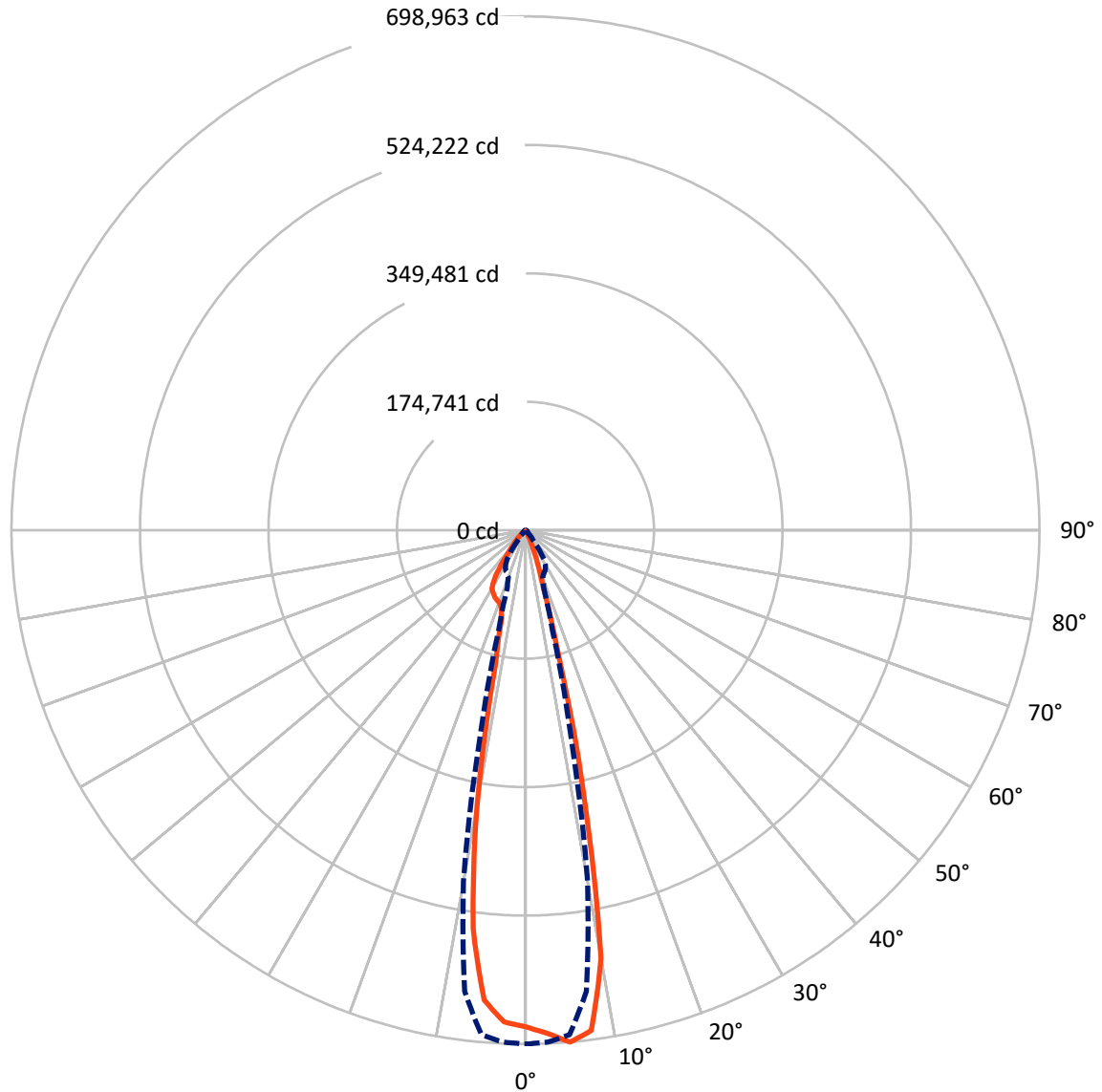
REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|-------|--------|--------|--------|---------|---------|--------|--------|--------|-------|------|-----|-----|----|----|----|
| 90 | 0.3 | 1.1 | | 2.2 | | 3.3 | | 3.8 | | 3.3 | | 2.2 | | 1.1 | | 0.3 | | | |
| 80 | 0.3 | 1.1 | | 2.2 | | 3.3 | | 3.8 | | 3.3 | | 2.2 | | 1.1 | | 0.3 | | | |
| 70 | 0.5 | 0.4 | 0.8 | 1.4 | 2.0 | 2.8 | 3.5 | 3.8 | 3.8 | 3.5 | 2.8 | 2.0 | 1.4 | 0.8 | 0.4 | 0.5 | | | |
| 60 | | 0.6 | 1.4 | 2.5 | 4.0 | 6.3 | 10.9 | 20.3 | 20.3 | 10.9 | 6.3 | 4.0 | 2.5 | 1.4 | 0.6 | | | | |
| 50 | 0.7 | 0.9 | 2.1 | 4.5 | 9.3 | 17.3 | 28.2 | 43.5 | 43.5 | 28.2 | 17.3 | 9.3 | 4.5 | 2.1 | 0.9 | 0.7 | | | |
| 40 | | 1.2 | 3.3 | 9.0 | 20.0 | 36.2 | 70.3 | 93.0 | 93.0 | 70.3 | 36.2 | 20.0 | 9.0 | 3.3 | 1.2 | | | | |
| 30 | 1.0 | 1.5 | 5.2 | 21.0 | 66.0 | 282.2 | 417.6 | 511.1 | 511.1 | 417.6 | 282.2 | 66.0 | 21.0 | 5.2 | 1.5 | 1.0 | | | |
| 20 | | 1.8 | 8.8 | 52.9 | 362.9 | 1070.3 | 1845.9 | 5369.6 | 5369.6 | 1845.9 | 1070.3 | 362.9 | 52.9 | 8.8 | 1.8 | | | | |
| 10 | 1.1 | 2.1 | 13.8 | 112.5 | 797.7 | 1687.5 | 5335.0 | 18705.9 | 18705.9 | 5335.0 | 1687.5 | 797.7 | 112.5 | 13.8 | 2.1 | 1.1 | | | |
| 0 | | 2.3 | 16.9 | 147.2 | 1000.1 | 2026.0 | 4480.5 | 15741.4 | 15741.4 | 4480.5 | 2026.0 | 1000.1 | 147.2 | 16.9 | 2.3 | | | | |
| -10 | 1.0 | 2.2 | 13.7 | 118.0 | 795.9 | 2209.5 | 2785.2 | 4258.0 | 4258.0 | 2785.2 | 2209.5 | 795.9 | 118.0 | 13.7 | 2.2 | 1.0 | | | |
| -20 | | 1.9 | 8.4 | 62.0 | 378.6 | 1527.6 | 2601.8 | 2940.1 | 2940.1 | 2601.8 | 1527.6 | 378.6 | 62.0 | 8.4 | 1.9 | | | | |
| -30 | 0.8 | 1.5 | 4.5 | 20.4 | 138.8 | 499.5 | 1147.0 | 1662.6 | 1662.6 | 1147.0 | 499.5 | 138.8 | 20.4 | 4.5 | 1.5 | 0.8 | | | |
| -40 | | 1.1 | 2.7 | 6.3 | 28.5 | 117.9 | 264.0 | 380.4 | 380.4 | 264.0 | 117.9 | 28.5 | 6.3 | 2.7 | 1.1 | | | | |
| -50 | 0.5 | 0.7 | 1.8 | 3.2 | 5.8 | 12.9 | 30.2 | 44.4 | 44.4 | 30.2 | 12.9 | 5.8 | 3.2 | 1.8 | 0.7 | 0.5 | | | |
| -60 | | 0.4 | 0.9 | 1.7 | 2.6 | 3.6 | 4.7 | 5.5 | 5.5 | 4.7 | 3.6 | 2.6 | 1.7 | 0.9 | 0.4 | | | | |
| -70 | 0.2 | 1.1 | 2.4 | | 3.7 | | 4.2 | | 3.7 | | 2.4 | | 1.1 | | 0.2 | | | | |
| -80 | | 1.1 | 2.4 | | 3.7 | | 4.2 | | 3.7 | | 2.4 | | 1.1 | | | | | | |
| -90 | 0.2 | 1.1 | | 2.4 | | 3.7 | | 4.2 | | 3.7 | | 2.4 | | 1.1 | | 0.2 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

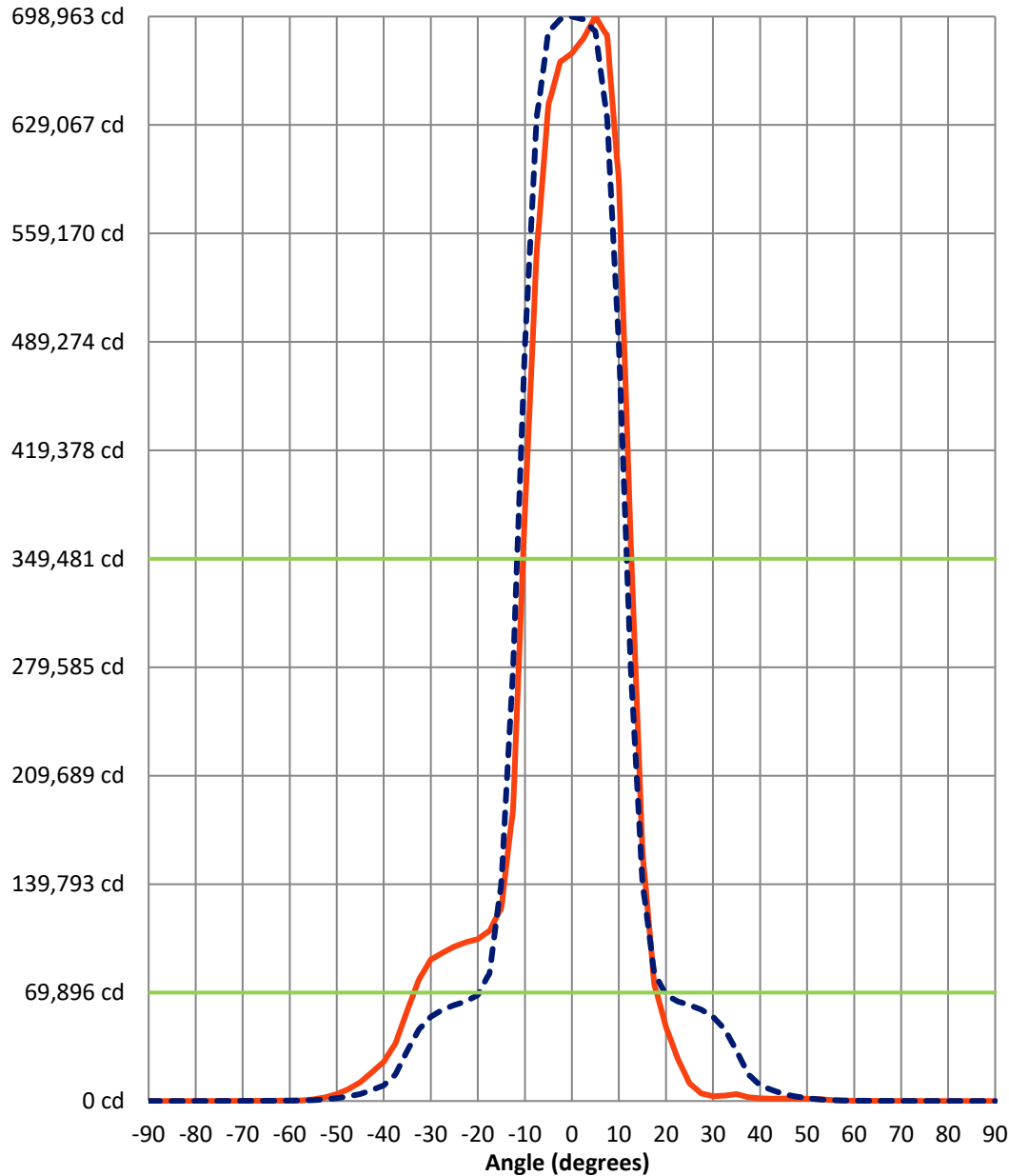
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 5-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 23.3°
 V Angle: 23°
 Lumens: 73319.9
 Efficiency: 44.4%

Field:
 H Angle: 39.5°
 V Angle: 51.6°
 Lumens: 134531
 Efficiency: 81.4%

Spill:
 Lumens: 30681.2
 Efficiency: 18.6%

- Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 5-Deg



REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-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 | 0.7 | 1.5 | 2.2 | 3.0 | 3.7 | 4.4 | 5.1 | 5.7 | 6.3 | 6.8 |
| 85° | 0.0 | 1.5 | 3.0 | 4.5 | 5.9 | 7.4 | 8.8 | 10.1 | 11.3 | 12.5 | 13.6 |
| 82.5° | 0.0 | 2.2 | 4.5 | 6.7 | 8.9 | 11.1 | 13.2 | 15.2 | 16.7 | 16.9 | 17.1 |
| 80° | 0.0 | 3.0 | 5.9 | 8.9 | 11.8 | 14.7 | 17.2 | 17.6 | 18.0 | 18.4 | 18.7 |
| 77.5° | 0.0 | 3.7 | 7.4 | 11.1 | 14.7 | 17.4 | 18.2 | 18.7 | 19.3 | 19.8 | 20.4 |
| 75° | 0.0 | 4.4 | 8.8 | 13.2 | 17.2 | 18.2 | 19.1 | 19.8 | 20.6 | 21.5 | 22.4 |
| 72.5° | 0.0 | 5.1 | 10.3 | 15.4 | 17.8 | 18.9 | 20.0 | 21.0 | 22.1 | 23.3 | 24.3 |
| 70° | 0.0 | 5.8 | 11.7 | 17.2 | 18.4 | 19.7 | 21.0 | 22.4 | 23.7 | 25.0 | 26.6 |
| 67.5° | 0.0 | 6.5 | 13.1 | 17.6 | 19.0 | 20.4 | 22.1 | 23.8 | 25.3 | 27.1 | 28.9 |
| 65° | 0.0 | 7.2 | 14.4 | 18.1 | 19.6 | 21.3 | 23.3 | 25.1 | 27.1 | 29.2 | 31.4 |
| 62.5° | 0.0 | 7.9 | 15.8 | 18.5 | 20.2 | 22.2 | 24.4 | 26.6 | 28.9 | 31.3 | 34.2 |
| 60° | 0.0 | 8.5 | 17.1 | 18.9 | 20.8 | 23.1 | 25.5 | 28.2 | 30.7 | 33.7 | 37.0 |
| 57.5° | 0.0 | 9.2 | 17.4 | 19.4 | 21.5 | 24.0 | 26.8 | 29.7 | 32.7 | 36.1 | 40.8 |
| 55° | 0.0 | 9.8 | 17.6 | 19.8 | 22.2 | 24.9 | 28.1 | 31.2 | 34.7 | 38.8 | 45.1 |
| 52.5° | 0.0 | 10.4 | 17.9 | 20.1 | 22.9 | 25.8 | 29.3 | 32.9 | 36.6 | 42.6 | 49.3 |
| 50° | 0.0 | 11.0 | 18.2 | 20.5 | 23.5 | 26.8 | 30.6 | 34.5 | 38.9 | 46.3 | 56.0 |
| 47.5° | 0.0 | 11.6 | 18.4 | 20.9 | 24.1 | 27.9 | 31.8 | 36.1 | 42.1 | 49.9 | 62.7 |
| 45° | 0.0 | 12.1 | 18.6 | 21.4 | 24.7 | 28.9 | 33.2 | 37.8 | 45.4 | 55.7 | 69.2 |
| 42.5° | 0.0 | 12.6 | 18.9 | 21.8 | 25.3 | 29.8 | 34.6 | 40.1 | 48.7 | 61.2 | 75.8 |
| 40° | 0.0 | 13.1 | 19.1 | 22.2 | 26.0 | 30.8 | 35.9 | 42.8 | 52.4 | 66.5 | 82.4 |
| 37.5° | 0.0 | 13.6 | 19.3 | 22.6 | 26.7 | 31.7 | 37.1 | 45.5 | 57.1 | 72.1 | 88.8 |
| 35° | 0.0 | 14.0 | 19.5 | 23.0 | 27.4 | 32.6 | 38.3 | 48.1 | 61.7 | 77.9 | 94.5 |
| 32.5° | 0.0 | 14.4 | 19.6 | 23.3 | 28.0 | 33.6 | 39.8 | 50.6 | 66.0 | 83.3 | 99.0 |
| 30° | 0.0 | 14.8 | 19.8 | 23.7 | 28.6 | 34.5 | 41.8 | 53.3 | 70.1 | 88.5 | 103.5 |
| 27.5° | 0.0 | 15.2 | 20.0 | 24.0 | 29.2 | 35.3 | 43.7 | 56.6 | 74.1 | 93.4 | 107.8 |
| 25° | 0.0 | 15.5 | 20.1 | 24.2 | 29.7 | 36.1 | 45.5 | 59.7 | 78.1 | 97.3 | 112.0 |
| 22.5° | 0.0 | 15.8 | 20.2 | 24.5 | 30.2 | 36.9 | 47.1 | 62.6 | 81.8 | 100.7 | 117.5 |
| 20° | 0.0 | 16.1 | 20.4 | 24.7 | 30.6 | 37.6 | 48.7 | 65.3 | 85.2 | 103.9 | 122.7 |
| 17.5° | 0.0 | 16.3 | 20.5 | 24.9 | 31.0 | 38.2 | 50.0 | 67.7 | 88.2 | 106.9 | 127.4 |
| 15° | 0.0 | 16.5 | 20.5 | 25.1 | 31.3 | 38.7 | 51.2 | 69.8 | 91.0 | 109.7 | 131.7 |
| 12.5° | 0.0 | 16.7 | 20.6 | 25.3 | 31.6 | 39.2 | 52.2 | 71.6 | 93.6 | 112.2 | 135.6 |
| 10° | 0.0 | 16.8 | 20.7 | 25.4 | 31.8 | 39.7 | 53.1 | 73.2 | 96.2 | 115.2 | 139.9 |
| 7.5° | 0.0 | 17.0 | 20.7 | 25.5 | 32.0 | 40.0 | 53.8 | 74.5 | 98.4 | 118.1 | 145.5 |
| 5° | 0.0 | 17.0 | 20.8 | 25.5 | 32.1 | 40.3 | 54.3 | 75.5 | 100.4 | 120.7 | 150.9 |
| 2.5° | 0.0 | 17.1 | 20.8 | 25.6 | 32.2 | 40.6 | 54.7 | 76.3 | 102.1 | 123.0 | 155.8 |
| 0° | 0.0 | 17.1 | 20.8 | 25.6 | 32.2 | 40.7 | 54.9 | 76.7 | 103.3 | 125.0 | 160.1 |
| -2.5° | 0.0 | 17.1 | 20.8 | 25.6 | 32.2 | 40.8 | 55.0 | 76.8 | 103.6 | 126.2 | 163.5 |
| -5° | 0.0 | 17.0 | 20.8 | 25.5 | 32.1 | 40.8 | 54.8 | 76.7 | 103.5 | 126.9 | 166.0 |
| -7.5° | 0.0 | 17.0 | 20.7 | 25.5 | 32.0 | 40.6 | 54.6 | 76.2 | 102.9 | 127.2 | 167.5 |
| -10° | 0.0 | 16.8 | 20.7 | 25.4 | 31.8 | 40.5 | 54.1 | 75.4 | 101.9 | 126.9 | 167.9 |
| -12.5° | 0.0 | 16.7 | 20.6 | 25.3 | 31.6 | 40.2 | 53.5 | 74.3 | 100.4 | 126.0 | 164.7 |
| -15° | 0.0 | 16.5 | 20.5 | 25.1 | 31.3 | 39.8 | 52.7 | 72.9 | 98.5 | 123.8 | 159.5 |
| -17.5° | 0.0 | 16.3 | 20.5 | 24.9 | 31.0 | 39.3 | 51.8 | 71.1 | 96.1 | 121.2 | 153.7 |
| -20° | 0.0 | 16.1 | 20.4 | 24.7 | 30.6 | 38.7 | 50.7 | 69.0 | 93.2 | 118.2 | 147.4 |



REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 0.0 | 15.8 | 20.2 | 24.5 | 30.2 | 38.0 | 49.4 | 66.6 | 89.9 | 114.9 | 140.5 |
| -25° | 0.0 | 15.5 | 20.1 | 24.2 | 29.7 | 37.2 | 47.9 | 63.8 | 86.2 | 111.3 | 133.2 |
| -27.5° | 0.0 | 15.2 | 20.0 | 24.0 | 29.2 | 36.2 | 46.3 | 60.6 | 82.1 | 107.1 | 128.5 |
| -30° | 0.0 | 14.8 | 19.8 | 23.7 | 28.6 | 35.2 | 44.5 | 57.2 | 78.0 | 102.0 | 123.6 |
| -32.5° | 0.0 | 14.4 | 19.6 | 23.3 | 28.0 | 34.1 | 42.6 | 54.6 | 73.7 | 96.5 | 118.5 |
| -35° | 0.0 | 14.0 | 19.5 | 23.0 | 27.4 | 32.8 | 41.0 | 52.2 | 69.0 | 90.5 | 113.1 |
| -37.5° | 0.0 | 13.6 | 19.3 | 22.6 | 26.7 | 31.7 | 39.4 | 49.6 | 64.0 | 84.1 | 106.3 |
| -40° | 0.0 | 13.1 | 19.1 | 22.2 | 26.0 | 30.8 | 37.7 | 46.9 | 58.5 | 77.7 | 98.4 |
| -42.5° | 0.0 | 12.6 | 18.9 | 21.8 | 25.3 | 29.8 | 35.9 | 44.1 | 54.5 | 71.1 | 90.1 |
| -45° | 0.0 | 12.1 | 18.6 | 21.3 | 24.7 | 28.9 | 34.0 | 41.4 | 51.0 | 64.0 | 81.6 |
| -47.5° | 0.0 | 11.6 | 18.4 | 20.9 | 24.1 | 27.9 | 31.9 | 39.0 | 47.5 | 56.7 | 73.3 |
| -50° | 0.0 | 11.0 | 18.2 | 20.5 | 23.4 | 26.8 | 30.6 | 36.5 | 43.7 | 52.5 | 64.8 |
| -52.5° | 0.0 | 10.4 | 17.9 | 20.1 | 22.7 | 25.8 | 29.3 | 33.8 | 40.4 | 48.1 | 56.3 |
| -55° | 0.0 | 9.8 | 17.6 | 19.6 | 22.0 | 24.8 | 28.1 | 31.2 | 37.1 | 43.6 | 51.3 |
| -57.5° | 0.0 | 9.2 | 17.4 | 19.2 | 21.2 | 23.9 | 26.8 | 29.7 | 33.7 | 39.5 | 46.1 |
| -60° | 0.0 | 8.5 | 17.1 | 18.8 | 20.4 | 22.9 | 25.5 | 28.2 | 30.5 | 35.4 | 41.1 |
| -62.5° | 0.0 | 7.9 | 15.8 | 18.4 | 19.9 | 21.8 | 24.2 | 26.6 | 28.7 | 31.2 | 36.3 |
| -65° | 0.0 | 7.2 | 14.4 | 17.9 | 19.2 | 20.8 | 22.9 | 25.0 | 26.8 | 28.7 | 31.3 |
| -67.5° | 0.0 | 6.5 | 13.1 | 17.4 | 18.6 | 19.8 | 21.5 | 23.4 | 25.0 | 26.6 | 28.1 |
| -70° | 0.0 | 5.8 | 11.7 | 17.0 | 18.0 | 19.1 | 20.2 | 21.8 | 23.2 | 24.5 | 25.8 |
| -72.5° | 0.0 | 5.1 | 10.3 | 15.2 | 17.4 | 18.3 | 19.1 | 20.1 | 21.4 | 22.5 | 23.5 |
| -75° | 0.0 | 4.4 | 8.8 | 13.1 | 16.7 | 17.5 | 18.2 | 18.9 | 19.6 | 20.6 | 21.5 |
| -77.5° | 0.0 | 3.7 | 7.4 | 10.9 | 14.3 | 16.7 | 17.2 | 17.8 | 18.3 | 18.8 | 19.4 |
| -80° | 0.0 | 3.0 | 5.9 | 8.8 | 11.5 | 14.1 | 16.2 | 16.6 | 17.0 | 17.4 | 17.8 |
| -82.5° | 0.0 | 2.2 | 4.5 | 6.6 | 8.6 | 10.6 | 12.5 | 14.3 | 15.8 | 16.0 | 16.2 |
| -85° | 0.0 | 1.5 | 3.0 | 4.4 | 5.8 | 7.1 | 8.3 | 9.5 | 10.7 | 11.8 | 12.8 |
| -87.5° | 0.0 | 0.7 | 1.5 | 2.2 | 2.9 | 3.5 | 4.2 | 4.8 | 5.4 | 5.9 | 6.4 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-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° | 7.3 | 7.8 | 8.3 | 8.7 | 9.1 | 9.4 | 9.8 | 10.0 | 10.1 | 10.2 | 10.1 |
| 85° | 14.7 | 15.6 | 15.7 | 15.8 | 15.7 | 15.7 | 15.5 | 15.4 | 15.1 | 14.8 | 14.5 |
| 82.5° | 17.3 | 17.5 | 17.7 | 17.9 | 17.9 | 17.8 | 17.7 | 17.6 | 17.4 | 17.3 | 17.1 |
| 80° | 19.1 | 19.4 | 19.9 | 20.3 | 20.5 | 20.5 | 20.4 | 20.3 | 20.2 | 20.3 | 20.6 |
| 77.5° | 21.1 | 21.8 | 22.4 | 23.1 | 23.3 | 23.7 | 24.0 | 24.5 | 25.0 | 25.5 | 25.9 |
| 75° | 23.2 | 24.1 | 25.1 | 26.1 | 26.9 | 27.6 | 28.4 | 29.7 | 31.1 | 32.6 | 34.1 |
| 72.5° | 25.6 | 26.9 | 28.1 | 29.4 | 31.1 | 32.7 | 34.5 | 36.2 | 38.3 | 40.5 | 42.5 |
| 70° | 28.1 | 29.6 | 31.7 | 33.9 | 36.2 | 38.5 | 41.2 | 43.9 | 46.4 | 49.3 | 52.5 |
| 67.5° | 30.8 | 33.3 | 35.8 | 38.7 | 42.3 | 45.6 | 48.7 | 53.4 | 57.7 | 61.6 | 65.1 |
| 65° | 34.1 | 37.0 | 40.7 | 44.9 | 48.9 | 54.5 | 60.0 | 65.2 | 70.2 | 74.7 | 78.7 |
| 62.5° | 37.3 | 41.8 | 46.4 | 52.0 | 59.0 | 65.3 | 71.4 | 77.3 | 82.9 | 86.9 | 90.5 |
| 60° | 41.8 | 46.9 | 53.9 | 62.0 | 69.3 | 76.1 | 82.8 | 88.2 | 93.0 | 97.5 | 104.3 |
| 57.5° | 46.5 | 54.1 | 63.5 | 71.9 | 79.5 | 86.4 | 92.1 | 97.6 | 105.4 | 113.3 | 121.5 |
| 55° | 52.4 | 63.1 | 72.7 | 81.4 | 88.8 | 94.7 | 101.8 | 111.4 | 120.5 | 131.8 | 142.7 |
| 52.5° | 60.4 | 71.8 | 81.5 | 89.9 | 96.4 | 104.8 | 115.4 | 127.5 | 140.8 | 154.3 | 172.5 |
| 50° | 68.2 | 79.7 | 89.7 | 96.7 | 105.7 | 117.6 | 132.0 | 147.6 | 165.4 | 185.3 | 206.8 |
| 47.5° | 75.6 | 87.7 | 95.8 | 104.5 | 117.6 | 133.4 | 151.4 | 171.8 | 193.4 | 219.8 | 243.8 |
| 45° | 83.0 | 94.0 | 101.9 | 115.4 | 131.5 | 151.5 | 174.9 | 196.9 | 228.3 | 259.1 | 296.9 |
| 42.5° | 90.3 | 99.8 | 111.4 | 126.1 | 148.2 | 173.9 | 200.8 | 232.8 | 267.3 | 309.3 | 370.2 |
| 40° | 95.8 | 105.6 | 121.4 | 141.8 | 166.6 | 199.5 | 235.2 | 271.9 | 313.7 | 382.1 | 463.4 |
| 37.5° | 101.0 | 114.5 | 132.4 | 157.8 | 191.3 | 229.8 | 270.6 | 319.5 | 385.4 | 467.6 | 577.4 |
| 35° | 106.1 | 123.1 | 147.2 | 177.9 | 216.6 | 263.1 | 315.2 | 380.8 | 478.6 | 582.1 | 691.3 |
| 32.5° | 112.6 | 131.3 | 161.9 | 200.7 | 246.7 | 299.2 | 360.6 | 473.4 | 604.3 | 725.9 | 809.0 |
| 30° | 119.8 | 144.0 | 178.2 | 222.9 | 276.5 | 342.1 | 440.5 | 579.9 | 753.2 | 902.8 | 1003.8 |
| 27.5° | 126.8 | 156.8 | 197.6 | 247.9 | 307.8 | 386.2 | 545.7 | 730.4 | 932.8 | 1112.3 | 1247.2 |
| 25° | 133.4 | 168.6 | 216.2 | 273.2 | 347.3 | 472.1 | 677.8 | 922.9 | 1144.9 | 1372.5 | 1575.0 |
| 22.5° | 141.5 | 179.6 | 232.6 | 297.4 | 386.7 | 580.7 | 858.5 | 1169.7 | 1464.4 | 1699.1 | 1969.2 |
| 20° | 150.5 | 193.1 | 250.0 | 321.7 | 427.5 | 696.8 | 1053.4 | 1454.2 | 1862.9 | 2296.2 | 2811.8 |
| 17.5° | 158.7 | 205.5 | 267.7 | 357.8 | 525.4 | 849.8 | 1267.0 | 1767.0 | 2316.3 | 3060.9 | 4188.3 |
| 15° | 166.0 | 216.6 | 284.0 | 396.4 | 637.5 | 1046.4 | 1571.0 | 2173.8 | 2920.8 | 4070.9 | 5822.9 |
| 12.5° | 172.4 | 226.4 | 298.6 | 436.5 | 751.7 | 1249.1 | 1912.4 | 2721.1 | 3829.2 | 5471.2 | 9066.5 |
| 10° | 177.8 | 234.9 | 311.5 | 476.5 | 864.5 | 1452.4 | 2270.8 | 3311.8 | 4900.0 | 7079.8 | 12163.1 |
| 7.5° | 186.5 | 243.6 | 323.6 | 515.0 | 972.3 | 1650.1 | 2633.0 | 3923.0 | 6024.2 | 8642.8 | 14919.0 |
| 5° | 195.0 | 252.4 | 339.9 | 568.8 | 1086.8 | 1853.4 | 2990.7 | 4529.3 | 7150.5 | 10127.6 | 17305.7 |
| 2.5° | 202.7 | 259.6 | 354.4 | 621.9 | 1198.3 | 2066.9 | 3347.7 | 5087.0 | 8095.1 | 11490.2 | 19460.9 |
| 0° | 209.4 | 265.2 | 366.6 | 668.8 | 1293.1 | 2254.6 | 3662.2 | 5582.4 | 8897.0 | 12707.0 | 21344.5 |
| -2.5° | 215.4 | 272.7 | 382.6 | 702.0 | 1335.8 | 2354.3 | 3834.3 | 5902.2 | 9276.2 | 13333.8 | 22481.4 |
| -5° | 220.2 | 278.7 | 394.9 | 724.1 | 1356.3 | 2411.7 | 3940.6 | 6117.7 | 9445.0 | 13661.3 | 22908.7 |
| -7.5° | 223.5 | 283.2 | 403.0 | 729.7 | 1328.3 | 2339.6 | 3832.7 | 5976.1 | 9218.1 | 13566.9 | 22519.7 |
| -10° | 224.2 | 283.5 | 407.3 | 700.7 | 1241.3 | 2175.1 | 3616.2 | 5711.4 | 8807.4 | 13135.4 | 21367.7 |
| -12.5° | 217.8 | 279.1 | 404.4 | 666.1 | 1140.3 | 1975.1 | 3320.6 | 5317.5 | 8208.0 | 12329.9 | 19329.5 |
| -15° | 210.1 | 272.2 | 392.9 | 627.3 | 1027.9 | 1741.2 | 2942.6 | 4788.3 | 7427.5 | 11147.5 | 16319.2 |
| -17.5° | 201.0 | 262.3 | 371.7 | 586.1 | 906.3 | 1475.4 | 2482.1 | 4152.9 | 6608.2 | 10028.5 | 14711.4 |
| -20° | 190.5 | 249.4 | 340.0 | 543.6 | 789.9 | 1246.8 | 2126.7 | 3602.8 | 5793.7 | 8827.6 | 12855.6 |



REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|---------|
| -22.5° | 178.7 | 233.2 | 309.4 | 505.2 | 705.5 | 1065.4 | 1762.5 | 2960.3 | 4799.5 | 7403.7 | 10972.2 |
| -25° | 167.9 | 218.9 | 290.3 | 432.3 | 613.6 | 869.7 | 1356.4 | 2274.6 | 3861.3 | 6212.3 | 9298.3 |
| -27.5° | 158.8 | 203.2 | 262.7 | 360.9 | 520.0 | 689.7 | 1071.6 | 1799.8 | 3033.0 | 4858.9 | 7483.7 |
| -30° | 149.5 | 185.5 | 233.6 | 301.0 | 437.0 | 584.9 | 832.7 | 1305.9 | 2216.8 | 3740.0 | 5851.4 |
| -32.5° | 139.6 | 168.2 | 210.4 | 267.7 | 361.0 | 480.2 | 621.0 | 984.1 | 1640.9 | 2636.0 | 4260.7 |
| -35° | 130.8 | 156.7 | 190.5 | 233.2 | 292.5 | 394.6 | 510.9 | 697.8 | 1098.4 | 1869.0 | 3072.2 |
| -37.5° | 124.3 | 144.9 | 171.1 | 204.1 | 253.9 | 322.6 | 400.8 | 519.0 | 763.6 | 1194.5 | 2139.3 |
| -40° | 117.6 | 132.9 | 156.4 | 183.6 | 216.2 | 266.5 | 330.3 | 396.2 | 504.8 | 840.3 | 1333.7 |
| -42.5° | 110.5 | 125.3 | 143.1 | 163.9 | 191.1 | 227.5 | 268.4 | 318.8 | 389.1 | 543.4 | 883.6 |
| -45° | 100.9 | 117.8 | 130.5 | 149.1 | 169.7 | 195.0 | 229.2 | 262.5 | 313.5 | 385.0 | 550.5 |
| -47.5° | 90.8 | 109.3 | 122.4 | 134.2 | 151.2 | 171.2 | 194.5 | 226.2 | 260.3 | 305.8 | 351.4 |
| -50° | 80.6 | 97.9 | 113.8 | 123.4 | 135.2 | 150.2 | 168.6 | 192.3 | 221.0 | 251.9 | 289.0 |
| -52.5° | 70.8 | 85.9 | 101.5 | 114.0 | 122.6 | 133.1 | 147.1 | 165.0 | 186.6 | 209.7 | 237.4 |
| -55° | 60.6 | 74.5 | 88.2 | 101.7 | 112.5 | 120.0 | 129.4 | 143.1 | 157.0 | 176.5 | 195.3 |
| -57.5° | 53.2 | 63.0 | 75.5 | 87.7 | 99.4 | 109.3 | 116.5 | 124.1 | 135.8 | 148.3 | 161.3 |
| -60° | 47.4 | 53.8 | 62.9 | 74.1 | 84.8 | 94.8 | 103.8 | 110.9 | 117.8 | 125.0 | 135.5 |
| -62.5° | 41.6 | 47.4 | 53.2 | 60.5 | 70.4 | 79.6 | 88.0 | 95.7 | 102.8 | 108.9 | 114.9 |
| -65° | 36.0 | 41.0 | 46.1 | 51.3 | 56.3 | 64.4 | 72.2 | 79.3 | 85.9 | 92.0 | 97.7 |
| -67.5° | 30.3 | 34.7 | 39.1 | 43.6 | 48.1 | 52.4 | 56.7 | 63.4 | 69.4 | 74.8 | 79.7 |
| -70° | 27.2 | 28.7 | 32.1 | 35.9 | 39.8 | 43.5 | 47.1 | 50.8 | 54.4 | 58.2 | 62.7 |
| -72.5° | 24.7 | 25.9 | 27.2 | 28.4 | 31.6 | 35.0 | 38.0 | 40.7 | 43.6 | 46.5 | 49.3 |
| -75° | 22.3 | 23.2 | 24.2 | 25.2 | 26.3 | 27.6 | 29.4 | 32.0 | 34.3 | 36.5 | 38.5 |
| -77.5° | 20.1 | 20.8 | 21.5 | 22.1 | 22.5 | 23.3 | 24.2 | 25.3 | 26.5 | 27.7 | 29.0 |
| -80° | 18.1 | 18.5 | 18.9 | 19.4 | 19.6 | 19.8 | 19.9 | 20.0 | 20.1 | 20.5 | 21.1 |
| -82.5° | 16.4 | 16.6 | 16.8 | 16.9 | 16.9 | 16.8 | 16.7 | 16.7 | 16.8 | 16.9 | 16.9 |
| -85° | 13.8 | 14.7 | 14.7 | 14.8 | 14.8 | 14.7 | 14.6 | 14.5 | 14.3 | 14.1 | 14.0 |
| -87.5° | 6.9 | 7.3 | 7.8 | 8.1 | 8.5 | 8.8 | 9.1 | 9.4 | 9.5 | 9.5 | 9.4 |
| -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: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-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° | 10.1 | 9.8 | 9.4 | 9.1 | 8.6 | 8.1 | 7.6 | 7.0 | 6.4 | 5.5 | 4.6 |
| 85° | 14.2 | 13.6 | 13.0 | 12.4 | 11.8 | 11.2 | 10.6 | 10.0 | 9.3 | 9.1 | 8.9 |
| 82.5° | 16.9 | 16.5 | 16.0 | 15.6 | 15.1 | 15.3 | 15.6 | 15.9 | 16.3 | 16.5 | 16.7 |
| 80° | 20.8 | 21.0 | 21.3 | 21.6 | 22.0 | 23.0 | 24.1 | 25.1 | 26.0 | 26.5 | 26.9 |
| 77.5° | 26.7 | 27.9 | 29.2 | 30.4 | 31.5 | 32.8 | 34.0 | 35.1 | 36.1 | 36.6 | 37.1 |
| 75° | 35.7 | 37.4 | 38.9 | 40.3 | 41.7 | 43.2 | 44.5 | 45.8 | 46.9 | 47.6 | 48.2 |
| 72.5° | 44.4 | 46.2 | 48.3 | 50.8 | 53.2 | 55.4 | 57.5 | 59.5 | 61.3 | 62.6 | 63.6 |
| 70° | 55.4 | 58.1 | 61.2 | 64.1 | 66.8 | 69.3 | 72.0 | 74.4 | 76.7 | 78.3 | 79.5 |
| 67.5° | 68.4 | 71.6 | 75.0 | 78.0 | 80.7 | 83.7 | 87.1 | 90.3 | 93.3 | 95.3 | 96.5 |
| 65° | 82.1 | 85.0 | 88.5 | 92.1 | 95.7 | 100.6 | 105.7 | 110.4 | 114.6 | 117.8 | 119.7 |
| 62.5° | 94.0 | 98.7 | 104.8 | 111.0 | 117.0 | 123.2 | 129.5 | 135.4 | 140.8 | 145.1 | 147.8 |
| 60° | 110.9 | 117.2 | 125.6 | 134.0 | 141.7 | 148.8 | 158.3 | 166.9 | 174.5 | 180.9 | 186.0 |
| 57.5° | 131.2 | 140.6 | 150.6 | 162.9 | 174.5 | 185.3 | 198.2 | 214.9 | 233.3 | 253.6 | 282.6 |
| 55° | 156.3 | 170.8 | 183.3 | 198.9 | 215.9 | 233.0 | 254.5 | 291.0 | 332.2 | 376.4 | 450.5 |
| 52.5° | 189.3 | 206.5 | 222.0 | 242.2 | 273.1 | 303.1 | 334.9 | 402.2 | 477.6 | 556.4 | 696.7 |
| 50° | 227.1 | 249.3 | 278.8 | 309.2 | 358.1 | 410.6 | 460.9 | 553.3 | 660.2 | 768.2 | 938.2 |
| 47.5° | 277.0 | 310.4 | 361.8 | 414.8 | 477.5 | 548.7 | 619.3 | 720.8 | 835.6 | 940.7 | 1084.5 |
| 45° | 343.3 | 409.4 | 474.0 | 542.7 | 615.4 | 700.8 | 779.4 | 865.1 | 969.7 | 1056.7 | 1157.6 |
| 42.5° | 443.8 | 526.4 | 606.4 | 683.9 | 767.5 | 850.4 | 925.5 | 1004.5 | 1089.0 | 1168.3 | 1252.5 |
| 40° | 561.5 | 652.4 | 735.4 | 819.4 | 886.9 | 964.0 | 1035.8 | 1109.5 | 1204.2 | 1317.1 | 1418.3 |
| 37.5° | 680.6 | 767.9 | 844.0 | 920.3 | 983.2 | 1037.0 | 1157.9 | 1281.4 | 1398.6 | 1674.7 | 1921.6 |
| 35° | 799.0 | 883.5 | 941.6 | 1017.9 | 1109.0 | 1233.0 | 1429.9 | 1763.0 | 2060.6 | 2624.0 | 3186.2 |
| 32.5° | 921.9 | 1013.0 | 1081.9 | 1197.0 | 1358.7 | 1762.0 | 2048.4 | 2890.4 | 3614.4 | 3893.7 | 3779.8 |
| 30° | 1059.1 | 1179.3 | 1368.6 | 1591.1 | 2187.8 | 3141.7 | 3899.6 | 4244.7 | 4068.5 | 3613.0 | 3638.2 |
| 27.5° | 1332.8 | 1502.5 | 1931.6 | 3042.7 | 4548.4 | 6174.1 | 6506.1 | 5628.4 | 5970.5 | 4909.7 | 5646.1 |
| 25° | 1802.5 | 2121.5 | 3894.6 | 6900.1 | 9481.4 | 10530.5 | 11325.7 | 10738.9 | 11498.8 | 11530.6 | 12189.4 |
| 22.5° | 2608.1 | 4623.7 | 8103.1 | 12980.9 | 16027.0 | 17656.4 | 18656.5 | 19757.0 | 20955.4 | 22739.5 | 23870.3 |
| 20° | 4154.4 | 7925.2 | 15003.1 | 20193.6 | 23735.5 | 26007.8 | 27839.5 | 30259.5 | 33006.8 | 36361.7 | 39055.2 |
| 17.5° | 7607.1 | 14393.1 | 22266.7 | 27871.3 | 31733.0 | 35016.9 | 37901.3 | 41237.3 | 45452.3 | 50738.0 | 55959.0 |
| 15° | 11430.4 | 21450.5 | 29578.8 | 35296.4 | 39693.6 | 43536.2 | 47392.3 | 51419.5 | 57100.5 | 65510.2 | 77782.7 |
| 12.5° | 16946.7 | 28231.3 | 36906.6 | 42487.9 | 47283.7 | 51034.3 | 54838.9 | 60092.2 | 68556.6 | 81297.5 | 130223.6 |
| 10° | 22638.8 | 34690.3 | 43205.5 | 48728.0 | 53215.2 | 56888.0 | 60545.7 | 66015.7 | 81836.1 | 131869.0 | 229104.8 |
| 7.5° | 27794.8 | 40686.5 | 48960.3 | 54285.1 | 58123.4 | 60989.3 | 64917.7 | 75259.5 | 110606.6 | 195752.6 | 367250.5 |
| 5° | 32447.9 | 46227.9 | 54282.5 | 58907.0 | 61882.4 | 64223.5 | 68379.6 | 82758.5 | 141300.5 | 279877.2 | 485207.8 |
| 2.5° | 36027.4 | 50802.3 | 59057.0 | 62841.8 | 64999.8 | 66991.5 | 71271.9 | 87090.6 | 155277.4 | 322929.4 | 538586.1 |
| 0° | 38084.1 | 53665.2 | 62745.1 | 66031.2 | 67799.8 | 69539.1 | 74059.5 | 90520.7 | 156845.6 | 302192.4 | 519123.5 |
| -2.5° | 39817.9 | 56296.2 | 65999.4 | 69265.6 | 70792.8 | 72155.2 | 76348.6 | 91685.9 | 140698.1 | 244870.2 | 443926.3 |
| -5° | 40146.3 | 57493.8 | 68205.6 | 72208.3 | 73704.6 | 74814.5 | 77883.4 | 90153.1 | 122708.5 | 180456.0 | 319618.6 |
| -7.5° | 39037.2 | 57207.8 | 69605.4 | 74958.3 | 76723.7 | 77805.7 | 80040.1 | 87378.1 | 104969.3 | 135031.5 | 214312.1 |
| -10° | 36556.6 | 55347.2 | 70030.2 | 77428.0 | 79999.7 | 81183.3 | 82448.7 | 85312.8 | 93822.4 | 110950.5 | 134275.0 |
| -12.5° | 32362.2 | 51394.2 | 69235.4 | 79556.3 | 82949.0 | 84476.7 | 85752.8 | 87758.4 | 91183.1 | 96891.0 | 110911.4 |
| -15° | 27295.6 | 45720.7 | 64540.8 | 77561.8 | 84306.6 | 87331.3 | 89176.0 | 90124.0 | 91835.2 | 95262.8 | 100687.9 |
| -17.5° | 23430.7 | 38276.5 | 56841.6 | 73929.4 | 84315.0 | 88692.2 | 91085.1 | 92988.0 | 94208.3 | 96365.1 | 98522.5 |
| -20° | 18805.8 | 29522.3 | 47389.0 | 65087.8 | 79029.2 | 87967.0 | 91639.4 | 94013.9 | 96082.1 | 97530.9 | 99164.9 |



REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 15780.0 | 23982.3 | 36484.9 | 53774.9 | 70037.9 | 81600.0 | 89862.8 | 92942.7 | 95543.1 | 97123.7 | 98571.2 |
| -25° | 13194.8 | 18302.7 | 27639.5 | 41208.7 | 57183.4 | 71413.0 | 81794.3 | 89560.1 | 92736.4 | 94950.6 | 96321.1 |
| -27.5° | 10846.6 | 15164.5 | 20661.7 | 29973.4 | 42917.9 | 56611.8 | 68898.2 | 79658.1 | 85667.4 | 91103.3 | 92526.8 |
| -30° | 8580.6 | 12206.5 | 16622.7 | 21758.3 | 30149.4 | 40076.3 | 51904.3 | 62563.0 | 72004.9 | 79425.6 | 83472.6 |
| -32.5° | 6688.1 | 9573.4 | 13162.3 | 17180.9 | 21166.3 | 27962.8 | 34450.0 | 44233.0 | 52974.5 | 60666.4 | 67161.6 |
| -35° | 4843.2 | 7258.0 | 9979.0 | 13220.0 | 16516.1 | 20111.3 | 24287.6 | 29865.7 | 34877.3 | 41261.4 | 47281.7 |
| -37.5° | 3406.6 | 5145.2 | 7313.2 | 9684.1 | 12456.4 | 15164.0 | 18058.2 | 20992.3 | 23734.3 | 27683.4 | 31040.3 |
| -40° | 2287.7 | 3431.4 | 5006.4 | 6747.6 | 8920.8 | 11016.4 | 13314.0 | 15434.1 | 17460.7 | 19573.0 | 21400.5 |
| -42.5° | 1383.7 | 2202.2 | 3132.3 | 4447.8 | 5900.8 | 7509.4 | 9298.8 | 10977.0 | 12438.7 | 13884.1 | 15201.7 |
| -45° | 825.6 | 1289.4 | 1849.2 | 2700.1 | 3564.7 | 4781.1 | 5991.4 | 7095.7 | 8310.0 | 9366.1 | 10243.3 |
| -47.5° | 510.4 | 695.3 | 1066.2 | 1496.8 | 2043.4 | 2815.2 | 3568.4 | 4289.6 | 5141.8 | 5902.3 | 6531.6 |
| -50° | 332.0 | 414.0 | 585.4 | 772.0 | 1120.6 | 1522.7 | 1922.8 | 2387.3 | 2912.5 | 3376.8 | 3747.9 |
| -52.5° | 263.4 | 301.3 | 341.3 | 407.9 | 576.6 | 759.1 | 949.3 | 1226.0 | 1505.2 | 1760.4 | 1957.4 |
| -55° | 216.9 | 239.8 | 260.9 | 293.9 | 330.0 | 365.0 | 422.0 | 565.2 | 698.1 | 819.2 | 912.5 |
| -57.5° | 177.9 | 194.3 | 211.4 | 230.8 | 250.1 | 269.0 | 295.3 | 326.4 | 356.3 | 383.1 | 390.9 |
| -60° | 145.7 | 155.6 | 169.8 | 183.8 | 196.7 | 208.6 | 227.1 | 245.3 | 262.0 | 276.0 | 284.0 |
| -62.5° | 120.7 | 128.1 | 137.2 | 146.4 | 155.3 | 165.0 | 177.1 | 189.3 | 201.4 | 212.6 | 221.9 |
| -65° | 102.8 | 107.5 | 112.7 | 117.9 | 123.2 | 130.5 | 138.3 | 145.8 | 152.8 | 159.2 | 165.0 |
| -67.5° | 84.4 | 88.7 | 92.7 | 96.4 | 100.1 | 104.2 | 108.7 | 113.2 | 117.4 | 121.2 | 124.3 |
| -70° | 66.8 | 70.4 | 73.3 | 75.9 | 78.7 | 81.6 | 84.7 | 87.5 | 89.9 | 91.8 | 93.2 |
| -72.5° | 51.8 | 54.2 | 56.6 | 59.4 | 61.6 | 63.7 | 65.7 | 67.4 | 68.9 | 70.0 | 70.7 |
| -75° | 40.4 | 42.5 | 44.6 | 46.5 | 48.2 | 49.8 | 51.2 | 52.6 | 53.8 | 54.5 | 55.1 |
| -77.5° | 30.4 | 32.0 | 33.5 | 34.9 | 36.3 | 37.6 | 38.7 | 39.6 | 40.5 | 40.9 | 41.2 |
| -80° | 21.8 | 22.8 | 23.7 | 24.6 | 25.4 | 26.3 | 27.2 | 28.0 | 28.7 | 29.0 | 29.2 |
| -82.5° | 16.9 | 16.9 | 17.0 | 17.2 | 17.3 | 17.5 | 17.6 | 17.8 | 18.0 | 18.3 | 18.5 |
| -85° | 13.8 | 13.6 | 13.2 | 12.9 | 12.6 | 12.0 | 11.4 | 10.8 | 10.2 | 10.2 | 10.2 |
| -87.5° | 9.3 | 9.2 | 9.1 | 8.9 | 8.6 | 8.1 | 7.6 | 7.0 | 6.4 | 5.8 | 5.1 |
| -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: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-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° | 3.7 | 2.8 | 2.8 | 2.8 | 2.8 | 2.8 | 3.7 | 4.6 | 5.5 | 6.4 | 7.0 |
| 85° | 8.7 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.7 | 8.9 | 9.1 | 9.3 | 10.0 |
| 82.5° | 16.9 | 17.0 | 17.1 | 17.1 | 17.1 | 17.0 | 16.9 | 16.7 | 16.5 | 16.3 | 15.9 |
| 80° | 27.1 | 27.3 | 27.5 | 27.5 | 27.5 | 27.3 | 27.1 | 26.9 | 26.5 | 26.0 | 25.1 |
| 77.5° | 37.4 | 37.7 | 37.4 | 36.9 | 37.4 | 37.7 | 37.4 | 37.1 | 36.6 | 36.1 | 35.1 |
| 75° | 48.7 | 49.0 | 49.7 | 50.2 | 49.7 | 49.0 | 48.7 | 48.2 | 47.6 | 46.9 | 45.8 |
| 72.5° | 64.4 | 65.0 | 65.7 | 66.3 | 65.7 | 65.0 | 64.4 | 63.6 | 62.6 | 61.3 | 59.5 |
| 70° | 80.4 | 81.0 | 81.4 | 81.5 | 81.4 | 81.0 | 80.4 | 79.5 | 78.3 | 76.7 | 74.4 |
| 67.5° | 97.4 | 97.9 | 98.3 | 98.5 | 98.3 | 97.9 | 97.4 | 96.5 | 95.3 | 93.3 | 90.3 |
| 65° | 121.2 | 122.2 | 122.8 | 123.1 | 122.8 | 122.2 | 121.2 | 119.7 | 117.8 | 114.6 | 110.4 |
| 62.5° | 149.8 | 151.2 | 150.5 | 148.7 | 150.5 | 151.2 | 149.8 | 147.8 | 145.1 | 140.8 | 135.4 |
| 60° | 190.3 | 193.7 | 194.7 | 194.2 | 194.7 | 193.7 | 190.3 | 186.0 | 180.9 | 174.5 | 166.9 |
| 57.5° | 313.4 | 344.2 | 359.6 | 364.7 | 359.6 | 344.2 | 313.4 | 282.6 | 253.6 | 233.3 | 214.9 |
| 55° | 531.0 | 612.7 | 664.8 | 694.4 | 664.8 | 612.7 | 531.0 | 450.5 | 376.4 | 332.2 | 291.0 |
| 52.5° | 862.4 | 1032.4 | 1155.7 | 1236.2 | 1155.7 | 1032.4 | 862.4 | 696.7 | 556.4 | 477.6 | 402.2 |
| 50° | 1143.2 | 1345.0 | 1477.7 | 1544.1 | 1477.7 | 1345.0 | 1143.2 | 938.2 | 768.2 | 660.2 | 553.3 |
| 47.5° | 1274.1 | 1456.7 | 1581.8 | 1645.5 | 1581.8 | 1456.7 | 1274.1 | 1084.5 | 940.7 | 835.6 | 720.8 |
| 45° | 1315.8 | 1464.4 | 1569.3 | 1619.9 | 1569.3 | 1464.4 | 1315.8 | 1157.6 | 1056.7 | 969.7 | 865.1 |
| 42.5° | 1363.0 | 1450.8 | 1502.7 | 1510.9 | 1502.7 | 1450.8 | 1363.0 | 1252.5 | 1168.3 | 1089.0 | 1004.5 |
| 40° | 1532.9 | 1642.5 | 1727.6 | 1763.9 | 1727.6 | 1642.5 | 1532.9 | 1418.3 | 1317.1 | 1204.2 | 1109.5 |
| 37.5° | 2144.4 | 2327.6 | 2450.7 | 2472.4 | 2450.7 | 2327.6 | 2144.4 | 1921.6 | 1674.7 | 1398.6 | 1281.4 |
| 35° | 3659.4 | 4037.1 | 4307.0 | 4460.8 | 4307.0 | 4037.1 | 3659.4 | 3186.2 | 2624.0 | 2060.6 | 1763.0 |
| 32.5° | 3645.8 | 3565.3 | 3518.0 | 3504.0 | 3518.0 | 3565.3 | 3645.8 | 3779.8 | 3893.7 | 3614.4 | 2890.4 |
| 30° | 3337.3 | 3236.5 | 3112.4 | 3108.1 | 3112.4 | 3236.5 | 3337.3 | 3638.2 | 3613.0 | 4068.5 | 4244.7 |
| 27.5° | 5473.1 | 5311.5 | 4898.8 | 4930.7 | 4898.8 | 5311.5 | 5473.1 | 5646.1 | 4909.7 | 5970.5 | 5628.4 |
| 25° | 12753.7 | 12811.1 | 12478.2 | 11477.4 | 12478.2 | 12811.1 | 12753.7 | 12189.4 | 11530.6 | 11498.8 | 10738.9 |
| 22.5° | 25324.7 | 26042.9 | 27109.8 | 27334.2 | 27109.8 | 26042.9 | 25324.7 | 23870.3 | 22739.5 | 20955.4 | 19757.0 |
| 20° | 42177.3 | 44177.9 | 46917.1 | 47821.4 | 46917.1 | 44177.9 | 42177.3 | 39055.2 | 36361.7 | 33006.8 | 30259.5 |
| 17.5° | 64052.3 | 70486.6 | 75910.4 | 75828.1 | 75910.4 | 70486.6 | 64052.3 | 55959.0 | 50738.0 | 45452.3 | 41237.3 |
| 15° | 105651.2 | 132906.7 | 153638.7 | 161704.3 | 153638.7 | 132906.7 | 105651.2 | 77782.7 | 65510.2 | 57100.5 | 51419.5 |
| 12.5° | 194209.6 | 273569.1 | 326342.4 | 360907.7 | 326342.4 | 273569.1 | 194209.6 | 130223.6 | 81297.5 | 68556.6 | 60092.2 |
| 10° | 370739.0 | 492996.7 | 557531.3 | 591375.6 | 557531.3 | 492996.7 | 370739.0 | 229104.8 | 131869.0 | 81836.1 | 66015.7 |
| 7.5° | 541790.5 | 632521.4 | 675797.9 | 686305.1 | 675797.9 | 632521.4 | 541790.5 | 367250.5 | 195752.6 | 110606.6 | 75259.5 |
| 5° | 632797.6 | 689071.2 | 697077.9 | 698962.8 | 697077.9 | 689071.2 | 632797.6 | 485207.8 | 279877.2 | 141300.5 | 82758.5 |
| 2.5° | 667229.2 | 691267.9 | 687214.9 | 685074.5 | 687214.9 | 691267.9 | 667229.2 | 538586.1 | 322929.4 | 155277.4 | 87090.6 |
| 0° | 657211.2 | 687184.1 | 678042.7 | 675326.8 | 678042.7 | 687184.1 | 657211.2 | 519123.5 | 302192.4 | 156845.6 | 90520.7 |
| -2.5° | 604920.1 | 666110.7 | 670069.3 | 669604.6 | 670069.3 | 666110.7 | 604920.1 | 443926.3 | 244870.2 | 140698.1 | 91685.9 |
| -5° | 503862.6 | 600985.5 | 633392.8 | 641653.3 | 633392.8 | 600985.5 | 503862.6 | 319618.6 | 180456.0 | 122708.5 | 90153.1 |
| -7.5° | 352511.5 | 469800.8 | 527975.3 | 546020.6 | 527975.3 | 469800.8 | 352511.5 | 214312.1 | 135031.5 | 104969.3 | 87378.1 |
| -10° | 195772.6 | 289627.9 | 354084.7 | 379014.7 | 354084.7 | 289627.9 | 195772.6 | 134275.0 | 110950.5 | 93822.4 | 85312.8 |
| -12.5° | 126868.5 | 154097.5 | 179771.4 | 189215.2 | 179771.4 | 154097.5 | 126868.5 | 110911.4 | 96891.0 | 91183.1 | 87758.4 |
| -15° | 109525.7 | 117876.6 | 123038.3 | 124729.4 | 123038.3 | 117876.6 | 109525.7 | 100687.9 | 95262.8 | 91835.2 | 90124.0 |
| -17.5° | 102576.0 | 105633.5 | 107825.6 | 109798.2 | 107825.6 | 105633.5 | 102576.0 | 98522.5 | 96365.1 | 94208.3 | 92988.0 |
| -20° | 100836.5 | 102683.0 | 103559.7 | 104386.3 | 103559.7 | 102683.0 | 100836.5 | 99164.9 | 97530.9 | 96082.1 | 94013.9 |



REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|----------|----------|----------|----------|----------|---------|---------|---------|---------|---------|
| -22.5° | 99599.9 | 100697.0 | 101495.1 | 102377.0 | 101495.1 | 100697.0 | 99599.9 | 98571.2 | 97123.7 | 95543.1 | 92942.7 |
| -25° | 97272.4 | 98131.7 | 98783.1 | 99551.3 | 98783.1 | 98131.7 | 97272.4 | 96321.1 | 94950.6 | 92736.4 | 89560.1 |
| -27.5° | 93627.1 | 94460.3 | 94937.1 | 95568.8 | 94937.1 | 94460.3 | 93627.1 | 92526.8 | 91103.3 | 85667.4 | 79658.1 |
| -30° | 86524.5 | 88636.3 | 89864.6 | 91151.6 | 89864.6 | 88636.3 | 86524.5 | 83472.6 | 79425.6 | 72004.9 | 62563.0 |
| -32.5° | 72080.9 | 75358.0 | 77337.8 | 78412.4 | 77337.8 | 75358.0 | 72080.9 | 67161.6 | 60666.4 | 52974.5 | 44233.0 |
| -35° | 51872.1 | 54848.6 | 56692.1 | 58418.8 | 56692.1 | 54848.6 | 51872.1 | 47281.7 | 41261.4 | 34877.3 | 29865.7 |
| -37.5° | 33623.0 | 35387.5 | 36504.0 | 37286.5 | 36504.0 | 35387.5 | 33623.0 | 31040.3 | 27683.4 | 23734.3 | 20992.3 |
| -40° | 23025.7 | 24303.7 | 25115.8 | 25307.9 | 25115.8 | 24303.7 | 23025.7 | 21400.5 | 19573.0 | 17460.7 | 15434.1 |
| -42.5° | 16518.1 | 17631.0 | 18372.3 | 18591.6 | 18372.3 | 17631.0 | 16518.1 | 15201.7 | 13884.1 | 12438.7 | 10977.0 |
| -45° | 11029.0 | 11676.0 | 12064.8 | 12125.4 | 12064.8 | 11676.0 | 11029.0 | 10243.3 | 9366.1 | 8310.0 | 7095.7 |
| -47.5° | 7010.4 | 7367.3 | 7602.3 | 7712.9 | 7602.3 | 7367.3 | 7010.4 | 6531.6 | 5902.3 | 5141.8 | 4289.6 |
| -50° | 4035.8 | 4253.4 | 4406.7 | 4492.1 | 4406.7 | 4253.4 | 4035.8 | 3747.9 | 3376.8 | 2912.5 | 2387.3 |
| -52.5° | 2108.1 | 2218.5 | 2292.4 | 2329.4 | 2292.4 | 2218.5 | 2108.1 | 1957.4 | 1760.4 | 1505.2 | 1226.0 |
| -55° | 991.6 | 1055.1 | 1087.1 | 1090.3 | 1087.1 | 1055.1 | 991.6 | 912.5 | 819.2 | 698.1 | 565.2 |
| -57.5° | 393.2 | 390.8 | 389.5 | 387.4 | 389.5 | 390.8 | 393.2 | 390.9 | 383.1 | 356.3 | 326.4 |
| -60° | 289.5 | 292.9 | 296.5 | 299.3 | 296.5 | 292.9 | 289.5 | 284.0 | 276.0 | 262.0 | 245.3 |
| -62.5° | 230.0 | 237.0 | 240.3 | 241.6 | 240.3 | 237.0 | 230.0 | 221.9 | 212.6 | 201.4 | 189.3 |
| -65° | 170.3 | 174.8 | 176.6 | 177.1 | 176.6 | 174.8 | 170.3 | 165.0 | 159.2 | 152.8 | 145.8 |
| -67.5° | 127.1 | 129.3 | 130.4 | 130.7 | 130.4 | 129.3 | 127.1 | 124.3 | 121.2 | 117.4 | 113.2 |
| -70° | 94.3 | 95.0 | 95.5 | 95.7 | 95.5 | 95.0 | 94.3 | 93.2 | 91.8 | 89.9 | 87.5 |
| -72.5° | 71.3 | 71.6 | 71.9 | 72.0 | 71.9 | 71.6 | 71.3 | 70.7 | 70.0 | 68.9 | 67.4 |
| -75° | 55.4 | 55.6 | 55.8 | 55.9 | 55.8 | 55.6 | 55.4 | 55.1 | 54.5 | 53.8 | 52.6 |
| -77.5° | 41.4 | 41.5 | 41.6 | 41.7 | 41.6 | 41.5 | 41.4 | 41.2 | 40.9 | 40.5 | 39.6 |
| -80° | 29.3 | 29.2 | 29.4 | 29.4 | 29.4 | 29.2 | 29.3 | 29.2 | 29.0 | 28.7 | 28.0 |
| -82.5° | 18.7 | 18.8 | 18.9 | 18.9 | 18.9 | 18.8 | 18.7 | 18.5 | 18.3 | 18.0 | 17.8 |
| -85° | 10.3 | 10.3 | 10.4 | 10.4 | 10.4 | 10.3 | 10.3 | 10.2 | 10.2 | 10.2 | 10.8 |
| -87.5° | 4.5 | 3.8 | 3.8 | 3.8 | 3.8 | 3.8 | 4.5 | 5.1 | 5.8 | 6.4 | 7.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-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° | 7.6 | 8.1 | 8.6 | 9.1 | 9.4 | 9.8 | 10.1 | 10.1 | 10.2 | 10.1 | 10.0 |
| 85° | 10.6 | 11.2 | 11.8 | 12.4 | 13.0 | 13.6 | 14.2 | 14.5 | 14.8 | 15.1 | 15.4 |
| 82.5° | 15.6 | 15.3 | 15.1 | 15.6 | 16.0 | 16.5 | 16.9 | 17.1 | 17.3 | 17.4 | 17.6 |
| 80° | 24.1 | 23.0 | 22.0 | 21.6 | 21.3 | 21.0 | 20.8 | 20.6 | 20.3 | 20.2 | 20.3 |
| 77.5° | 34.0 | 32.8 | 31.5 | 30.4 | 29.2 | 27.9 | 26.7 | 25.9 | 25.5 | 25.0 | 24.5 |
| 75° | 44.5 | 43.2 | 41.7 | 40.3 | 38.9 | 37.4 | 35.7 | 34.1 | 32.6 | 31.1 | 29.7 |
| 72.5° | 57.5 | 55.4 | 53.2 | 50.8 | 48.3 | 46.2 | 44.4 | 42.5 | 40.5 | 38.3 | 36.2 |
| 70° | 72.0 | 69.3 | 66.8 | 64.1 | 61.2 | 58.1 | 55.4 | 52.5 | 49.3 | 46.4 | 43.9 |
| 67.5° | 87.1 | 83.7 | 80.7 | 78.0 | 75.0 | 71.6 | 68.4 | 65.1 | 61.6 | 57.7 | 53.4 |
| 65° | 105.7 | 100.6 | 95.7 | 92.1 | 88.5 | 85.0 | 82.1 | 78.7 | 74.7 | 70.2 | 65.2 |
| 62.5° | 129.5 | 123.2 | 117.0 | 111.0 | 104.8 | 98.7 | 94.0 | 90.5 | 86.9 | 82.9 | 77.3 |
| 60° | 158.3 | 148.8 | 141.7 | 134.0 | 125.6 | 117.2 | 110.9 | 104.3 | 97.5 | 93.0 | 88.2 |
| 57.5° | 198.2 | 185.3 | 174.5 | 162.9 | 150.6 | 140.6 | 131.2 | 121.5 | 113.3 | 105.4 | 97.6 |
| 55° | 254.5 | 233.0 | 215.9 | 198.9 | 183.3 | 170.8 | 156.3 | 142.7 | 131.8 | 120.5 | 111.4 |
| 52.5° | 334.9 | 303.1 | 273.1 | 242.2 | 222.0 | 206.5 | 189.3 | 172.5 | 154.3 | 140.8 | 127.5 |
| 50° | 460.9 | 410.6 | 358.1 | 309.2 | 278.8 | 249.3 | 227.1 | 206.8 | 185.3 | 165.4 | 147.6 |
| 47.5° | 619.3 | 548.7 | 477.5 | 414.8 | 361.8 | 310.4 | 277.0 | 243.8 | 219.8 | 193.4 | 171.8 |
| 45° | 779.4 | 700.8 | 615.4 | 542.7 | 474.0 | 409.4 | 343.3 | 296.9 | 259.1 | 228.3 | 196.9 |
| 42.5° | 925.5 | 850.4 | 767.5 | 683.9 | 606.4 | 526.4 | 443.8 | 370.2 | 309.3 | 267.3 | 232.8 |
| 40° | 1035.8 | 964.0 | 886.9 | 819.4 | 735.4 | 652.4 | 561.5 | 463.4 | 382.1 | 313.7 | 271.9 |
| 37.5° | 1157.9 | 1037.0 | 983.2 | 920.3 | 844.0 | 767.9 | 680.6 | 577.4 | 467.6 | 385.4 | 319.5 |
| 35° | 1429.9 | 1233.0 | 1109.0 | 1017.9 | 941.6 | 883.5 | 799.0 | 691.3 | 582.1 | 478.6 | 380.8 |
| 32.5° | 2048.4 | 1762.0 | 1358.7 | 1197.0 | 1081.9 | 1013.0 | 921.9 | 809.0 | 725.9 | 604.3 | 473.4 |
| 30° | 3899.6 | 3141.7 | 2187.8 | 1591.1 | 1368.6 | 1179.3 | 1059.1 | 1003.8 | 902.8 | 753.2 | 579.9 |
| 27.5° | 6506.1 | 6174.1 | 4548.4 | 3042.7 | 1931.6 | 1502.5 | 1332.8 | 1247.2 | 1112.3 | 932.8 | 730.4 |
| 25° | 11325.7 | 10530.5 | 9481.4 | 6900.1 | 3894.6 | 2121.5 | 1802.5 | 1575.0 | 1372.5 | 1144.9 | 922.9 |
| 22.5° | 18656.5 | 17656.4 | 16027.0 | 12980.9 | 8103.1 | 4623.7 | 2608.1 | 1969.2 | 1699.1 | 1464.4 | 1169.7 |
| 20° | 27839.5 | 26007.8 | 23735.5 | 20193.6 | 15003.1 | 7925.2 | 4154.4 | 2811.8 | 2296.2 | 1862.9 | 1454.2 |
| 17.5° | 37901.3 | 35016.9 | 31733.0 | 27871.3 | 22266.7 | 14393.1 | 7607.1 | 4188.3 | 3060.9 | 2316.3 | 1767.0 |
| 15° | 47392.3 | 43536.2 | 39693.6 | 35296.4 | 29578.8 | 21450.5 | 11430.4 | 5822.9 | 4070.9 | 2920.8 | 2173.8 |
| 12.5° | 54838.9 | 51034.3 | 47283.7 | 42487.9 | 36906.6 | 28231.3 | 16946.7 | 9066.5 | 5471.2 | 3829.2 | 2721.1 |
| 10° | 60545.7 | 56888.0 | 53215.2 | 48728.0 | 43205.5 | 34690.3 | 22638.8 | 12163.1 | 7079.8 | 4900.0 | 3311.8 |
| 7.5° | 64917.7 | 60989.3 | 58123.4 | 54285.1 | 48960.3 | 40686.5 | 27794.8 | 14919.0 | 8642.8 | 6024.2 | 3923.0 |
| 5° | 68379.6 | 64223.5 | 61882.4 | 58907.0 | 54282.5 | 46227.9 | 32447.9 | 17305.7 | 10127.6 | 7150.5 | 4529.3 |
| 2.5° | 71271.9 | 66991.5 | 64999.8 | 62841.8 | 59057.0 | 50802.3 | 36027.4 | 19460.9 | 11490.2 | 8095.1 | 5087.0 |
| 0° | 74059.5 | 69539.1 | 67799.8 | 66031.2 | 62745.1 | 53665.2 | 38084.1 | 21344.5 | 12707.0 | 8897.0 | 5582.4 |
| -2.5° | 76348.6 | 72155.2 | 70792.8 | 69265.6 | 65999.4 | 56296.2 | 39817.9 | 22481.4 | 13333.8 | 9276.2 | 5902.2 |
| -5° | 77883.4 | 74814.5 | 73704.6 | 72208.3 | 68205.6 | 57493.8 | 40146.3 | 22908.7 | 13661.3 | 9445.0 | 6117.7 |
| -7.5° | 80040.1 | 77805.7 | 76723.7 | 74958.3 | 69605.4 | 57207.8 | 39037.2 | 22519.7 | 13566.9 | 9218.1 | 5976.1 |
| -10° | 82448.7 | 81183.3 | 79999.7 | 77428.0 | 70030.2 | 55347.2 | 36556.6 | 21367.7 | 13135.4 | 8807.4 | 5711.4 |
| -12.5° | 85752.8 | 84476.7 | 82949.0 | 79556.3 | 69235.4 | 51394.2 | 32362.2 | 19329.5 | 12329.9 | 8208.0 | 5317.5 |
| -15° | 89176.0 | 87331.3 | 84306.6 | 77561.8 | 64540.8 | 45720.7 | 27295.6 | 16319.2 | 11147.5 | 7427.5 | 4788.3 |
| -17.5° | 91085.1 | 88692.2 | 84315.0 | 73929.4 | 56841.6 | 38276.5 | 23430.7 | 14711.4 | 10028.5 | 6608.2 | 4152.9 |
| -20° | 91639.4 | 87967.0 | 79029.2 | 65087.8 | 47389.0 | 29522.3 | 18805.8 | 12855.6 | 8827.6 | 5793.7 | 3602.8 |



REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| -22.5° | 89862.8 | 81600.0 | 70037.9 | 53774.9 | 36484.9 | 23982.3 | 15780.0 | 10972.2 | 7403.7 | 4799.5 | 2960.3 |
| -25° | 81794.3 | 71413.0 | 57183.4 | 41208.7 | 27639.5 | 18302.7 | 13194.8 | 9298.3 | 6212.3 | 3861.3 | 2274.6 |
| -27.5° | 68898.2 | 56611.8 | 42917.9 | 29973.4 | 20661.7 | 15164.5 | 10846.6 | 7483.7 | 4858.9 | 3033.0 | 1799.8 |
| -30° | 51904.3 | 40076.3 | 30149.4 | 21758.3 | 16622.7 | 12206.5 | 8580.6 | 5851.4 | 3740.0 | 2216.8 | 1305.9 |
| -32.5° | 34450.0 | 27962.8 | 21166.3 | 17180.9 | 13162.3 | 9573.4 | 6688.1 | 4260.7 | 2636.0 | 1640.9 | 984.1 |
| -35° | 24287.6 | 20111.3 | 16516.1 | 13220.0 | 9979.0 | 7258.0 | 4843.2 | 3072.2 | 1869.0 | 1098.4 | 697.8 |
| -37.5° | 18058.2 | 15164.0 | 12456.4 | 9684.1 | 7313.2 | 5145.2 | 3406.6 | 2139.3 | 1194.5 | 763.6 | 519.0 |
| -40° | 13314.0 | 11016.4 | 8920.8 | 6747.6 | 5006.4 | 3431.4 | 2287.7 | 1333.7 | 840.3 | 504.8 | 396.2 |
| -42.5° | 9298.8 | 7509.4 | 5900.8 | 4447.8 | 3132.3 | 2202.2 | 1383.7 | 883.6 | 543.4 | 389.1 | 318.8 |
| -45° | 5991.4 | 4781.1 | 3564.7 | 2700.1 | 1849.2 | 1289.4 | 825.6 | 550.5 | 385.0 | 313.5 | 262.5 |
| -47.5° | 3568.4 | 2815.2 | 2043.4 | 1496.8 | 1066.2 | 695.3 | 510.4 | 351.4 | 305.8 | 260.3 | 226.2 |
| -50° | 1922.8 | 1522.7 | 1120.6 | 772.0 | 585.4 | 414.0 | 332.0 | 289.0 | 251.9 | 221.0 | 192.3 |
| -52.5° | 949.3 | 759.1 | 576.6 | 407.9 | 341.3 | 301.3 | 263.4 | 237.4 | 209.7 | 186.6 | 165.0 |
| -55° | 422.0 | 365.0 | 330.0 | 293.9 | 260.9 | 239.8 | 216.9 | 195.3 | 176.5 | 157.0 | 143.1 |
| -57.5° | 295.3 | 269.0 | 250.1 | 230.8 | 211.4 | 194.3 | 177.9 | 161.3 | 148.3 | 135.8 | 124.1 |
| -60° | 227.1 | 208.6 | 196.7 | 183.8 | 169.8 | 155.6 | 145.7 | 135.5 | 125.0 | 117.8 | 110.9 |
| -62.5° | 177.1 | 165.0 | 155.3 | 146.4 | 137.2 | 128.1 | 120.7 | 114.9 | 108.9 | 102.8 | 95.7 |
| -65° | 138.3 | 130.5 | 123.2 | 117.9 | 112.7 | 107.5 | 102.8 | 97.7 | 92.0 | 85.9 | 79.3 |
| -67.5° | 108.7 | 104.2 | 100.1 | 96.4 | 92.7 | 88.7 | 84.4 | 79.7 | 74.8 | 69.4 | 63.4 |
| -70° | 84.7 | 81.6 | 78.7 | 75.9 | 73.3 | 70.4 | 66.8 | 62.7 | 58.2 | 54.4 | 50.8 |
| -72.5° | 65.7 | 63.7 | 61.6 | 59.4 | 56.6 | 54.2 | 51.8 | 49.3 | 46.5 | 43.6 | 40.7 |
| -75° | 51.2 | 49.8 | 48.2 | 46.5 | 44.6 | 42.5 | 40.4 | 38.5 | 36.5 | 34.3 | 32.0 |
| -77.5° | 38.7 | 37.6 | 36.3 | 34.9 | 33.5 | 32.0 | 30.4 | 29.0 | 27.7 | 26.5 | 25.3 |
| -80° | 27.2 | 26.3 | 25.4 | 24.6 | 23.7 | 22.8 | 21.8 | 21.1 | 20.5 | 20.1 | 20.0 |
| -82.5° | 17.6 | 17.5 | 17.3 | 17.2 | 17.0 | 16.9 | 16.9 | 16.9 | 16.9 | 16.8 | 16.7 |
| -85° | 11.4 | 12.0 | 12.6 | 12.9 | 13.2 | 13.6 | 13.8 | 14.0 | 14.1 | 14.3 | 14.5 |
| -87.5° | 7.6 | 8.1 | 8.6 | 8.9 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.5 | 9.4 |
| -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: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-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° | 9.8 | 9.4 | 9.1 | 8.7 | 8.3 | 7.8 | 7.3 | 6.8 | 6.3 | 5.7 | 5.1 |
| 85° | 15.5 | 15.7 | 15.7 | 15.8 | 15.7 | 15.6 | 14.7 | 13.6 | 12.5 | 11.3 | 10.1 |
| 82.5° | 17.7 | 17.8 | 17.9 | 17.9 | 17.7 | 17.5 | 17.3 | 17.1 | 16.9 | 16.7 | 15.2 |
| 80° | 20.4 | 20.5 | 20.5 | 20.3 | 19.9 | 19.4 | 19.1 | 18.7 | 18.4 | 18.0 | 17.6 |
| 77.5° | 24.0 | 23.7 | 23.3 | 23.1 | 22.4 | 21.8 | 21.1 | 20.4 | 19.8 | 19.3 | 18.7 |
| 75° | 28.4 | 27.6 | 26.9 | 26.1 | 25.1 | 24.1 | 23.2 | 22.4 | 21.5 | 20.6 | 19.8 |
| 72.5° | 34.5 | 32.7 | 31.1 | 29.4 | 28.1 | 26.9 | 25.6 | 24.3 | 23.3 | 22.1 | 21.0 |
| 70° | 41.2 | 38.5 | 36.2 | 33.9 | 31.7 | 29.6 | 28.1 | 26.6 | 25.0 | 23.7 | 22.4 |
| 67.5° | 48.7 | 45.6 | 42.3 | 38.7 | 35.8 | 33.3 | 30.8 | 28.9 | 27.1 | 25.3 | 23.8 |
| 65° | 60.0 | 54.5 | 48.9 | 44.9 | 40.7 | 37.0 | 34.1 | 31.4 | 29.2 | 27.1 | 25.1 |
| 62.5° | 71.4 | 65.3 | 59.0 | 52.0 | 46.4 | 41.8 | 37.3 | 34.2 | 31.3 | 28.9 | 26.6 |
| 60° | 82.8 | 76.1 | 69.3 | 62.0 | 53.9 | 46.9 | 41.8 | 37.0 | 33.7 | 30.7 | 28.2 |
| 57.5° | 92.1 | 86.4 | 79.5 | 71.9 | 63.5 | 54.1 | 46.5 | 40.8 | 36.1 | 32.7 | 29.7 |
| 55° | 101.8 | 94.7 | 88.8 | 81.4 | 72.7 | 63.1 | 52.4 | 45.1 | 38.8 | 34.7 | 31.2 |
| 52.5° | 115.4 | 104.8 | 96.4 | 89.9 | 81.5 | 71.8 | 60.4 | 49.3 | 42.6 | 36.6 | 32.9 |
| 50° | 132.0 | 117.6 | 105.7 | 96.7 | 89.7 | 79.7 | 68.2 | 56.0 | 46.3 | 38.9 | 34.5 |
| 47.5° | 151.4 | 133.4 | 117.6 | 104.5 | 95.8 | 87.7 | 75.6 | 62.7 | 49.9 | 42.1 | 36.1 |
| 45° | 174.9 | 151.5 | 131.5 | 115.4 | 101.9 | 94.0 | 83.0 | 69.2 | 55.7 | 45.4 | 37.8 |
| 42.5° | 200.8 | 173.9 | 148.2 | 126.1 | 111.4 | 99.8 | 90.3 | 75.8 | 61.2 | 48.7 | 40.1 |
| 40° | 235.2 | 199.5 | 166.6 | 141.8 | 121.4 | 105.6 | 95.8 | 82.4 | 66.5 | 52.4 | 42.8 |
| 37.5° | 270.6 | 229.8 | 191.3 | 157.8 | 132.4 | 114.5 | 101.0 | 88.8 | 72.1 | 57.1 | 45.5 |
| 35° | 315.2 | 263.1 | 216.6 | 177.9 | 147.2 | 123.1 | 106.1 | 94.5 | 77.9 | 61.7 | 48.1 |
| 32.5° | 360.6 | 299.2 | 246.7 | 200.7 | 161.9 | 131.3 | 112.6 | 99.0 | 83.3 | 66.0 | 50.6 |
| 30° | 440.5 | 342.1 | 276.5 | 222.9 | 178.2 | 144.0 | 119.8 | 103.5 | 88.5 | 70.1 | 53.3 |
| 27.5° | 545.7 | 386.2 | 307.8 | 247.9 | 197.6 | 156.8 | 126.8 | 107.8 | 93.4 | 74.1 | 56.6 |
| 25° | 677.8 | 472.1 | 347.3 | 273.2 | 216.2 | 168.6 | 133.4 | 112.0 | 97.3 | 78.1 | 59.7 |
| 22.5° | 858.5 | 580.7 | 386.7 | 297.4 | 232.6 | 179.6 | 141.5 | 117.5 | 100.7 | 81.8 | 62.6 |
| 20° | 1053.4 | 696.8 | 427.5 | 321.7 | 250.0 | 193.1 | 150.5 | 122.7 | 103.9 | 85.2 | 65.3 |
| 17.5° | 1267.0 | 849.8 | 525.4 | 357.8 | 267.7 | 205.5 | 158.7 | 127.4 | 106.9 | 88.2 | 67.7 |
| 15° | 1571.0 | 1046.4 | 637.5 | 396.4 | 284.0 | 216.6 | 166.0 | 131.7 | 109.7 | 91.0 | 69.8 |
| 12.5° | 1912.4 | 1249.1 | 751.7 | 436.5 | 298.6 | 226.4 | 172.4 | 135.6 | 112.2 | 93.6 | 71.6 |
| 10° | 2270.8 | 1452.4 | 864.5 | 476.5 | 311.5 | 234.9 | 177.8 | 139.9 | 115.2 | 96.2 | 73.2 |
| 7.5° | 2633.0 | 1650.1 | 972.3 | 515.0 | 323.6 | 243.6 | 186.5 | 145.5 | 118.1 | 98.4 | 74.5 |
| 5° | 2990.7 | 1853.4 | 1086.8 | 568.8 | 339.9 | 252.4 | 195.0 | 150.9 | 120.7 | 100.4 | 75.5 |
| 2.5° | 3347.7 | 2066.9 | 1198.3 | 621.9 | 354.4 | 259.6 | 202.7 | 155.8 | 123.0 | 102.1 | 76.3 |
| 0° | 3662.2 | 2254.6 | 1293.1 | 668.8 | 366.6 | 265.2 | 209.4 | 160.1 | 125.0 | 103.3 | 76.7 |
| -2.5° | 3834.3 | 2354.3 | 1335.8 | 702.0 | 382.6 | 272.7 | 215.4 | 163.5 | 126.2 | 103.6 | 76.8 |
| -5° | 3940.6 | 2411.7 | 1356.3 | 724.1 | 394.9 | 278.7 | 220.2 | 166.0 | 126.9 | 103.5 | 76.7 |
| -7.5° | 3832.7 | 2339.6 | 1328.3 | 729.7 | 403.0 | 283.2 | 223.5 | 167.5 | 127.2 | 102.9 | 76.2 |
| -10° | 3616.2 | 2175.1 | 1241.3 | 700.7 | 407.3 | 283.5 | 224.2 | 167.9 | 126.9 | 101.9 | 75.4 |
| -12.5° | 3320.6 | 1975.1 | 1140.3 | 666.1 | 404.4 | 279.1 | 217.8 | 164.7 | 126.0 | 100.4 | 74.3 |
| -15° | 2942.6 | 1741.2 | 1027.9 | 627.3 | 392.9 | 272.2 | 210.1 | 159.5 | 123.8 | 98.5 | 72.9 |
| -17.5° | 2482.1 | 1475.4 | 906.3 | 586.1 | 371.7 | 262.3 | 201.0 | 153.7 | 121.2 | 96.1 | 71.1 |
| -20° | 2126.7 | 1246.8 | 789.9 | 543.6 | 340.0 | 249.4 | 190.5 | 147.4 | 118.2 | 93.2 | 69.0 |



REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 1762.5 | 1065.4 | 705.5 | 505.2 | 309.4 | 233.2 | 178.7 | 140.5 | 114.9 | 89.9 | 66.6 |
| -25° | 1356.4 | 869.7 | 613.6 | 432.3 | 290.3 | 218.9 | 167.9 | 133.2 | 111.3 | 86.2 | 63.8 |
| -27.5° | 1071.6 | 689.7 | 520.0 | 360.9 | 262.7 | 203.2 | 158.8 | 128.5 | 107.1 | 82.1 | 60.6 |
| -30° | 832.7 | 584.9 | 437.0 | 301.0 | 233.6 | 185.5 | 149.5 | 123.6 | 102.0 | 78.0 | 57.2 |
| -32.5° | 621.0 | 480.2 | 361.0 | 267.7 | 210.4 | 168.2 | 139.6 | 118.5 | 96.5 | 73.7 | 54.6 |
| -35° | 510.9 | 394.6 | 292.5 | 233.2 | 190.5 | 156.7 | 130.8 | 113.1 | 90.5 | 69.0 | 52.2 |
| -37.5° | 400.8 | 322.6 | 253.9 | 204.1 | 171.1 | 144.9 | 124.3 | 106.3 | 84.1 | 64.0 | 49.6 |
| -40° | 330.3 | 266.5 | 216.2 | 183.6 | 156.4 | 132.9 | 117.6 | 98.4 | 77.7 | 58.5 | 46.9 |
| -42.5° | 268.4 | 227.5 | 191.1 | 163.9 | 143.1 | 125.3 | 110.5 | 90.1 | 71.1 | 54.5 | 44.1 |
| -45° | 229.2 | 195.0 | 169.7 | 149.1 | 130.5 | 117.8 | 100.9 | 81.6 | 64.0 | 51.0 | 41.4 |
| -47.5° | 194.5 | 171.2 | 151.2 | 134.2 | 122.4 | 109.3 | 90.8 | 73.3 | 56.7 | 47.5 | 39.0 |
| -50° | 168.6 | 150.2 | 135.2 | 123.4 | 113.8 | 97.9 | 80.6 | 64.8 | 52.5 | 43.7 | 36.5 |
| -52.5° | 147.1 | 133.1 | 122.6 | 114.0 | 101.5 | 85.9 | 70.8 | 56.3 | 48.1 | 40.4 | 33.8 |
| -55° | 129.4 | 120.0 | 112.5 | 101.7 | 88.2 | 74.5 | 60.6 | 51.3 | 43.6 | 37.1 | 31.2 |
| -57.5° | 116.5 | 109.3 | 99.4 | 87.7 | 75.5 | 63.0 | 53.2 | 46.1 | 39.5 | 33.7 | 29.7 |
| -60° | 103.8 | 94.8 | 84.8 | 74.1 | 62.9 | 53.8 | 47.4 | 41.1 | 35.4 | 30.5 | 28.2 |
| -62.5° | 88.0 | 79.6 | 70.4 | 60.5 | 53.2 | 47.4 | 41.6 | 36.3 | 31.2 | 28.7 | 26.6 |
| -65° | 72.2 | 64.4 | 56.3 | 51.3 | 46.1 | 41.0 | 36.0 | 31.3 | 28.7 | 26.8 | 25.0 |
| -67.5° | 56.7 | 52.4 | 48.1 | 43.6 | 39.1 | 34.7 | 30.3 | 28.1 | 26.6 | 25.0 | 23.4 |
| -70° | 47.1 | 43.5 | 39.8 | 35.9 | 32.1 | 28.7 | 27.2 | 25.8 | 24.5 | 23.2 | 21.8 |
| -72.5° | 38.0 | 35.0 | 31.6 | 28.4 | 27.2 | 25.9 | 24.7 | 23.5 | 22.5 | 21.4 | 20.1 |
| -75° | 29.4 | 27.6 | 26.3 | 25.2 | 24.2 | 23.2 | 22.3 | 21.5 | 20.6 | 19.6 | 18.9 |
| -77.5° | 24.2 | 23.3 | 22.5 | 22.1 | 21.5 | 20.8 | 20.1 | 19.4 | 18.8 | 18.3 | 17.8 |
| -80° | 19.9 | 19.8 | 19.6 | 19.4 | 18.9 | 18.5 | 18.1 | 17.8 | 17.4 | 17.0 | 16.6 |
| -82.5° | 16.7 | 16.8 | 16.9 | 16.9 | 16.8 | 16.6 | 16.4 | 16.2 | 16.0 | 15.8 | 14.3 |
| -85° | 14.6 | 14.7 | 14.8 | 14.8 | 14.7 | 14.7 | 13.8 | 12.8 | 11.8 | 10.7 | 9.5 |
| -87.5° | 9.1 | 8.8 | 8.5 | 8.1 | 7.8 | 7.3 | 6.9 | 6.4 | 5.9 | 5.4 | 4.8 |
| -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: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-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° | 4.4 | 3.7 | 3.0 | 2.2 | 1.5 | 0.7 | 0.0 |
| 85° | 8.8 | 7.4 | 5.9 | 4.5 | 3.0 | 1.5 | 0.0 |
| 82.5° | 13.2 | 11.1 | 8.9 | 6.7 | 4.5 | 2.2 | 0.0 |
| 80° | 17.2 | 14.7 | 11.8 | 8.9 | 5.9 | 3.0 | 0.0 |
| 77.5° | 18.2 | 17.4 | 14.7 | 11.1 | 7.4 | 3.7 | 0.0 |
| 75° | 19.1 | 18.2 | 17.2 | 13.2 | 8.8 | 4.4 | 0.0 |
| 72.5° | 20.0 | 18.9 | 17.8 | 15.4 | 10.3 | 5.1 | 0.0 |
| 70° | 21.0 | 19.7 | 18.4 | 17.2 | 11.7 | 5.8 | 0.0 |
| 67.5° | 22.1 | 20.4 | 19.0 | 17.6 | 13.1 | 6.5 | 0.0 |
| 65° | 23.3 | 21.3 | 19.6 | 18.1 | 14.4 | 7.2 | 0.0 |
| 62.5° | 24.4 | 22.2 | 20.2 | 18.5 | 15.8 | 7.9 | 0.0 |
| 60° | 25.5 | 23.1 | 20.8 | 18.9 | 17.1 | 8.5 | 0.0 |
| 57.5° | 26.8 | 24.0 | 21.5 | 19.4 | 17.4 | 9.2 | 0.0 |
| 55° | 28.1 | 24.9 | 22.2 | 19.8 | 17.6 | 9.8 | 0.0 |
| 52.5° | 29.3 | 25.8 | 22.9 | 20.1 | 17.9 | 10.4 | 0.0 |
| 50° | 30.6 | 26.8 | 23.5 | 20.5 | 18.2 | 11.0 | 0.0 |
| 47.5° | 31.8 | 27.9 | 24.1 | 20.9 | 18.4 | 11.6 | 0.0 |
| 45° | 33.2 | 28.9 | 24.7 | 21.4 | 18.6 | 12.1 | 0.0 |
| 42.5° | 34.6 | 29.8 | 25.3 | 21.8 | 18.9 | 12.6 | 0.0 |
| 40° | 35.9 | 30.8 | 26.0 | 22.2 | 19.1 | 13.1 | 0.0 |
| 37.5° | 37.1 | 31.7 | 26.7 | 22.6 | 19.3 | 13.6 | 0.0 |
| 35° | 38.3 | 32.6 | 27.4 | 23.0 | 19.5 | 14.0 | 0.0 |
| 32.5° | 39.8 | 33.6 | 28.0 | 23.3 | 19.6 | 14.4 | 0.0 |
| 30° | 41.8 | 34.5 | 28.6 | 23.7 | 19.8 | 14.8 | 0.0 |
| 27.5° | 43.7 | 35.3 | 29.2 | 24.0 | 20.0 | 15.2 | 0.0 |
| 25° | 45.5 | 36.1 | 29.7 | 24.2 | 20.1 | 15.5 | 0.0 |
| 22.5° | 47.1 | 36.9 | 30.2 | 24.5 | 20.2 | 15.8 | 0.0 |
| 20° | 48.7 | 37.6 | 30.6 | 24.7 | 20.4 | 16.1 | 0.0 |
| 17.5° | 50.0 | 38.2 | 31.0 | 24.9 | 20.5 | 16.3 | 0.0 |
| 15° | 51.2 | 38.7 | 31.3 | 25.1 | 20.5 | 16.5 | 0.0 |
| 12.5° | 52.2 | 39.2 | 31.6 | 25.3 | 20.6 | 16.7 | 0.0 |
| 10° | 53.1 | 39.7 | 31.8 | 25.4 | 20.7 | 16.8 | 0.0 |
| 7.5° | 53.8 | 40.0 | 32.0 | 25.5 | 20.7 | 17.0 | 0.0 |
| 5° | 54.3 | 40.3 | 32.1 | 25.5 | 20.8 | 17.0 | 0.0 |
| 2.5° | 54.7 | 40.6 | 32.2 | 25.6 | 20.8 | 17.1 | 0.0 |
| 0° | 54.9 | 40.7 | 32.2 | 25.6 | 20.8 | 17.1 | 0.0 |
| -2.5° | 55.0 | 40.8 | 32.2 | 25.6 | 20.8 | 17.1 | 0.0 |
| -5° | 54.8 | 40.8 | 32.1 | 25.5 | 20.8 | 17.0 | 0.0 |
| -7.5° | 54.6 | 40.6 | 32.0 | 25.5 | 20.7 | 17.0 | 0.0 |
| -10° | 54.1 | 40.5 | 31.8 | 25.4 | 20.7 | 16.8 | 0.0 |
| -12.5° | 53.5 | 40.2 | 31.6 | 25.3 | 20.6 | 16.7 | 0.0 |
| -15° | 52.7 | 39.8 | 31.3 | 25.1 | 20.5 | 16.5 | 0.0 |
| -17.5° | 51.8 | 39.3 | 31.0 | 24.9 | 20.5 | 16.3 | 0.0 |
| -20° | 50.7 | 38.7 | 30.6 | 24.7 | 20.4 | 16.1 | 0.0 |



REPORT NUMBER: P1306431 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS16-1200L-40-70-5L-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 49.4 | 38.0 | 30.2 | 24.5 | 20.2 | 15.8 | 0.0 |
| -25° | 47.9 | 37.2 | 29.7 | 24.2 | 20.1 | 15.5 | 0.0 |
| -27.5° | 46.3 | 36.2 | 29.2 | 24.0 | 20.0 | 15.2 | 0.0 |
| -30° | 44.5 | 35.2 | 28.6 | 23.7 | 19.8 | 14.8 | 0.0 |
| -32.5° | 42.6 | 34.1 | 28.0 | 23.3 | 19.6 | 14.4 | 0.0 |
| -35° | 41.0 | 32.8 | 27.4 | 23.0 | 19.5 | 14.0 | 0.0 |
| -37.5° | 39.4 | 31.7 | 26.7 | 22.6 | 19.3 | 13.6 | 0.0 |
| -40° | 37.7 | 30.8 | 26.0 | 22.2 | 19.1 | 13.1 | 0.0 |
| -42.5° | 35.9 | 29.8 | 25.3 | 21.8 | 18.9 | 12.6 | 0.0 |
| -45° | 34.0 | 28.9 | 24.7 | 21.3 | 18.6 | 12.1 | 0.0 |
| -47.5° | 31.9 | 27.9 | 24.1 | 20.9 | 18.4 | 11.6 | 0.0 |
| -50° | 30.6 | 26.8 | 23.4 | 20.5 | 18.2 | 11.0 | 0.0 |
| -52.5° | 29.3 | 25.8 | 22.7 | 20.1 | 17.9 | 10.4 | 0.0 |
| -55° | 28.1 | 24.8 | 22.0 | 19.6 | 17.6 | 9.8 | 0.0 |
| -57.5° | 26.8 | 23.9 | 21.2 | 19.2 | 17.4 | 9.2 | 0.0 |
| -60° | 25.5 | 22.9 | 20.4 | 18.8 | 17.1 | 8.5 | 0.0 |
| -62.5° | 24.2 | 21.8 | 19.9 | 18.4 | 15.8 | 7.9 | 0.0 |
| -65° | 22.9 | 20.8 | 19.2 | 17.9 | 14.4 | 7.2 | 0.0 |
| -67.5° | 21.5 | 19.8 | 18.6 | 17.4 | 13.1 | 6.5 | 0.0 |
| -70° | 20.2 | 19.1 | 18.0 | 17.0 | 11.7 | 5.8 | 0.0 |
| -72.5° | 19.1 | 18.3 | 17.4 | 15.2 | 10.3 | 5.1 | 0.0 |
| -75° | 18.2 | 17.5 | 16.7 | 13.1 | 8.8 | 4.4 | 0.0 |
| -77.5° | 17.2 | 16.7 | 14.3 | 10.9 | 7.4 | 3.7 | 0.0 |
| -80° | 16.2 | 14.1 | 11.5 | 8.8 | 5.9 | 3.0 | 0.0 |
| -82.5° | 12.5 | 10.6 | 8.6 | 6.6 | 4.5 | 2.2 | 0.0 |
| -85° | 8.3 | 7.1 | 5.8 | 4.4 | 3.0 | 1.5 | 0.0 |
| -87.5° | 4.2 | 3.5 | 2.9 | 2.2 | 1.5 | 0.7 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)