

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: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-16-1200L-40-70-4R-S**

Issue Date: 8/10/2023

Test Information

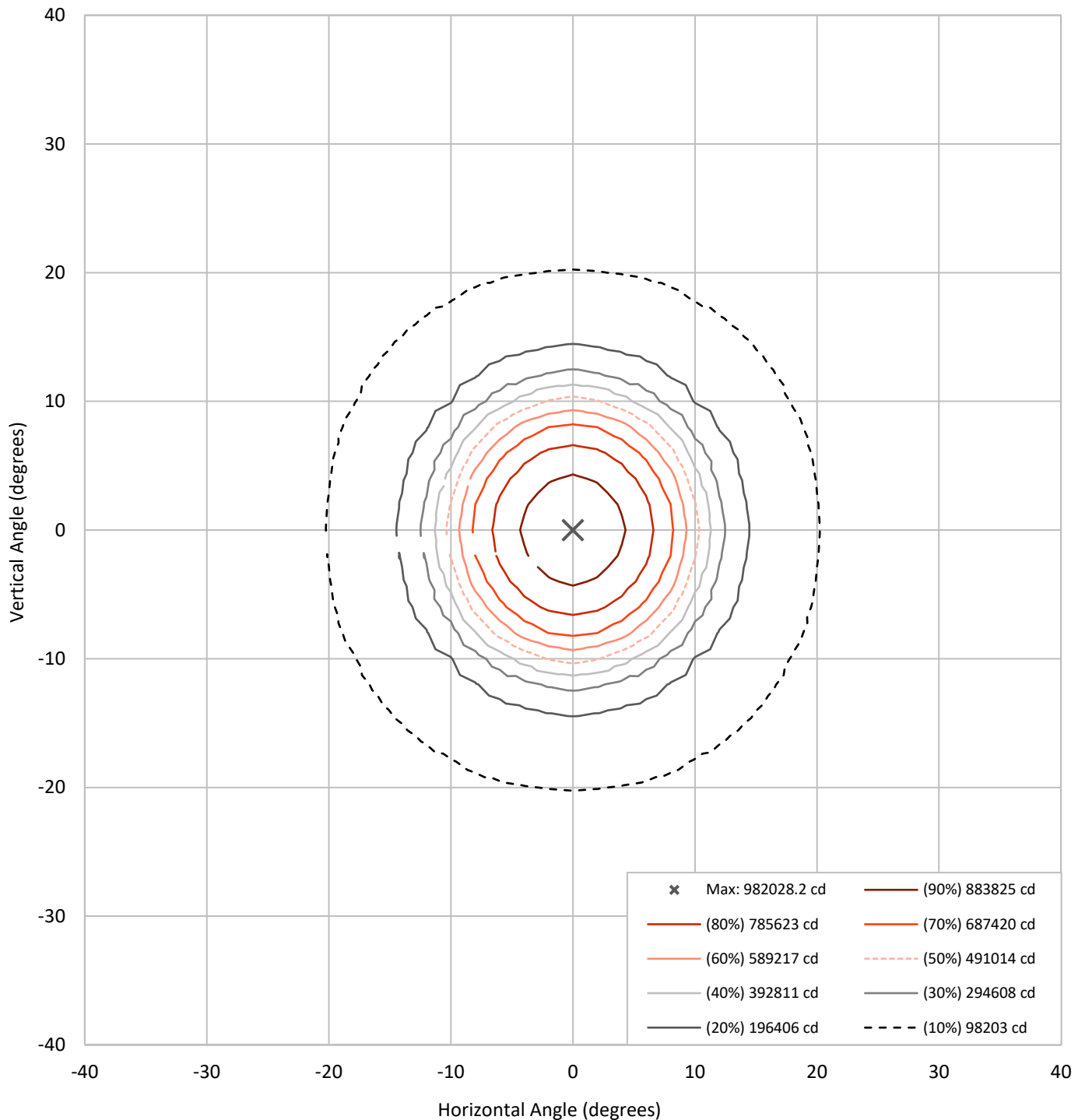
Test Method: LM-79-08
Report Number: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2301-906-17)
Test Lab: INNOVATION CENTER
Issue Date: 8/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-LS-16-1200L-40-70-4R-S
Description: EPHEBUS LUMASPORT 16 LUMINAIRE
(16) 4000K, 70 CRI LEDS AND 4R BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|-------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 191093.1 lumens | Max Intensity: | 982028.2 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 157.4 lumens/watt | | |
| Luminous Opening: | Circular (Dia: 1.67' x H: 0') | | |
| Beam Angle (50%): | 20.7°H x 20.7°V | Field Angle (10%): | 40.5°H x 40.5°V |
| Beam Lumens: | 73360.6 lumens | Field Lumens: | 129484.3 lumens |
| Beam Efficiency: | 38.4% | Field Efficiency: | 67.8% |
| Input Watts (W): | 1214.1 | | |
| Input Voltage (V): | NR | | |
| Input Current (Ain): | NR | | |
| Voltage Rise (V): | NR | | |
| Power Factor: | NR | | |
| Total Harmonic Distortion (THDi): | NR | | |
| Frequency (hertz): | 60 | | |
| Stabilization Time: | NR | | |
| Operation Time: | NR | | |
| Ambient Temperature (°C): | NR | | |
| Test Distance: | 25 FT | | |

REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

Iso-Candela Plot





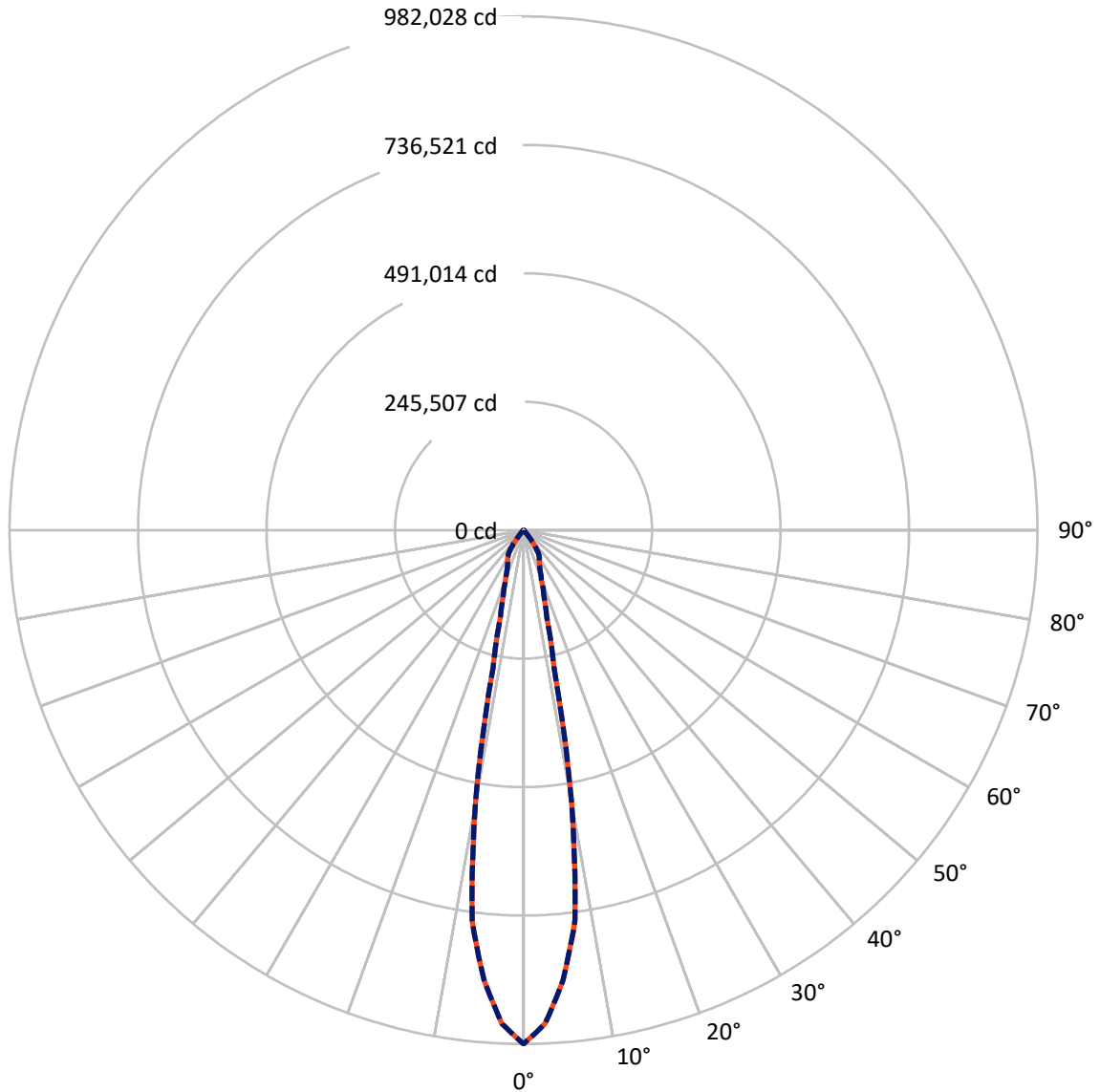
REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|-------|--------|--------|---------|---------|--------|--------|-------|------|------|-----|-----|
| 90 | 0.3 | 1.4 | 3.3 | 5.1 | 5.8 | 5.1 | 3.3 | 1.4 | 0.3 | | | | | | | |
| 80 | 0.3 | 1.4 | 3.3 | 5.1 | 5.8 | 5.1 | 3.3 | 1.4 | 0.3 | | | | | | | |
| 70 | 0.6 | 0.6 | 1.1 | 1.9 | 3.0 | 4.3 | 5.5 | 6.2 | 6.2 | 5.5 | 4.3 | 3.0 | 1.9 | 1.1 | 0.6 | 0.6 |
| 60 | | 0.9 | 1.9 | 3.9 | 7.5 | 12.6 | 17.3 | 19.9 | 19.9 | 17.3 | 12.6 | 7.5 | 3.9 | 1.9 | 0.9 | |
| 50 | 1.0 | 1.2 | 3.2 | 8.3 | 17.4 | 31.9 | 73.2 | 122.5 | 122.5 | 73.2 | 31.9 | 17.4 | 8.3 | 3.2 | 1.2 | 1.0 |
| 40 | | 1.6 | 5.3 | 15.1 | 46.6 | 276.9 | 784.2 | 1146.9 | 1146.9 | 784.2 | 276.9 | 46.6 | 15.1 | 5.3 | 1.6 | |
| 30 | 1.2 | 2.1 | 8.1 | 25.2 | 252.9 | 1116.5 | 1813.9 | 2193.0 | 2193.0 | 1813.9 | 1116.5 | 252.9 | 25.2 | 8.1 | 2.1 | 1.2 |
| 20 | | 2.5 | 10.5 | 55.0 | 674.1 | 1704.6 | 2846.7 | 5476.6 | 5476.6 | 2846.7 | 1704.6 | 674.1 | 55.0 | 10.5 | 2.5 | |
| 10 | 1.4 | 2.7 | 11.7 | 90.0 | 954.4 | 2000.6 | 5332.7 | 20562.2 | 20562.2 | 5332.7 | 2000.6 | 954.4 | 90.0 | 11.7 | 2.7 | 1.4 |
| 0 | | 2.7 | 11.7 | 90.0 | 954.4 | 2000.6 | 5332.7 | 20562.2 | 20562.2 | 5332.7 | 2000.6 | 954.4 | 90.0 | 11.7 | 2.7 | |
| -10 | 1.2 | 2.5 | 10.5 | 55.0 | 674.1 | 1704.6 | 2846.7 | 5476.6 | 5476.6 | 2846.7 | 1704.6 | 674.1 | 55.0 | 10.5 | 2.5 | 1.2 |
| -20 | | 2.1 | 8.1 | 25.2 | 252.9 | 1116.5 | 1813.9 | 2193.0 | 2193.0 | 1813.9 | 1116.5 | 252.9 | 25.2 | 8.1 | 2.1 | |
| -30 | 1.0 | 1.6 | 5.3 | 15.1 | 46.6 | 276.9 | 784.2 | 1146.9 | 1146.9 | 784.2 | 276.9 | 46.6 | 15.1 | 5.3 | 1.6 | 1.0 |
| -40 | | 1.2 | 3.2 | 8.3 | 17.4 | 31.9 | 73.2 | 122.5 | 122.5 | 73.2 | 31.9 | 17.4 | 8.3 | 3.2 | 1.2 | |
| -50 | 0.6 | 0.9 | 1.9 | 3.9 | 7.5 | 12.6 | 17.3 | 19.9 | 19.9 | 17.3 | 12.6 | 7.5 | 3.9 | 1.9 | 0.9 | 0.6 |
| -60 | | 0.6 | 1.1 | 1.9 | 3.0 | 4.3 | 5.5 | 6.2 | 6.2 | 5.5 | 4.3 | 3.0 | 1.9 | 1.1 | 0.6 | |
| -70 | 0.3 | 1.4 | 3.3 | 5.1 | 5.8 | 5.1 | 3.3 | 1.4 | 0.3 | | | | | | | |
| -80 | | 0.3 | 1.4 | 3.3 | 5.1 | 5.8 | 5.1 | 3.3 | 1.4 | 0.3 | | | | | | |
| -90 | 0.3 | 1.4 | 3.3 | 5.1 | 5.8 | 5.1 | 3.3 | 1.4 | 0.3 | | | | | | | |

REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

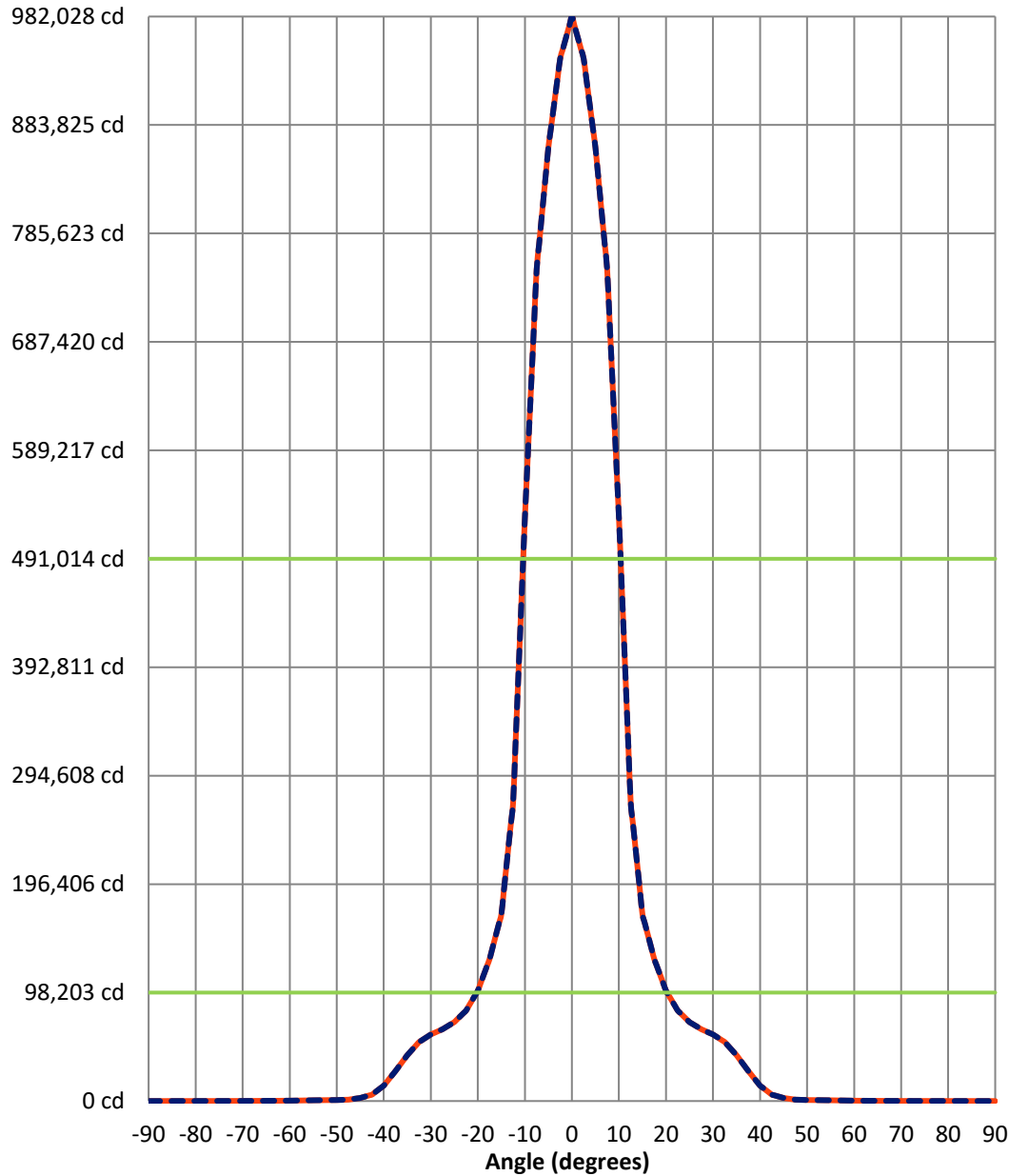
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 20.7°
 V Angle: 20.7°
 Lumens: 73360.6
 Efficiency: 38.4%

Field:
 H Angle: 40.5°
 V Angle: 40.5°
 Lumens: 129484.3
 Efficiency: 67.8%

Spill:
 Lumens: 61608.7
 Efficiency: 32.2%

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



REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|-------|--------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.7 | 1.4 | 2.1 | 2.8 | 3.5 | 4.2 | 4.8 | 5.5 | 6.2 | 6.8 |
| 85° | 0.0 | 1.4 | 2.8 | 4.2 | 5.6 | 7.0 | 8.3 | 9.7 | 11.0 | 12.3 | 13.6 |
| 82.5° | 0.0 | 2.1 | 4.2 | 6.3 | 8.4 | 10.4 | 12.5 | 14.5 | 16.3 | 17.1 | 18.0 |
| 80° | 0.0 | 2.8 | 5.6 | 8.4 | 11.1 | 13.9 | 16.3 | 17.5 | 18.7 | 19.8 | 21.0 |
| 77.5° | 0.0 | 3.5 | 7.0 | 10.4 | 13.9 | 16.6 | 18.1 | 19.6 | 21.1 | 22.5 | 24.1 |
| 75° | 0.0 | 4.2 | 8.3 | 12.5 | 16.3 | 18.1 | 19.9 | 21.7 | 23.5 | 25.7 | 27.9 |
| 72.5° | 0.0 | 4.8 | 9.7 | 14.5 | 17.5 | 19.6 | 21.7 | 23.9 | 26.5 | 29.1 | 31.6 |
| 70° | 0.0 | 5.5 | 11.0 | 16.3 | 18.7 | 21.1 | 23.5 | 26.5 | 29.5 | 32.4 | 35.9 |
| 67.5° | 0.0 | 6.2 | 12.3 | 17.1 | 19.8 | 22.5 | 25.7 | 29.1 | 32.4 | 36.4 | 40.3 |
| 65° | 0.0 | 6.8 | 13.6 | 18.0 | 21.0 | 24.1 | 27.9 | 31.6 | 35.9 | 40.3 | 44.8 |
| 62.5° | 0.0 | 7.4 | 14.9 | 18.8 | 22.1 | 25.9 | 30.0 | 34.4 | 39.3 | 44.3 | 49.5 |
| 60° | 0.0 | 8.0 | 16.1 | 19.6 | 23.1 | 27.6 | 32.1 | 37.4 | 42.7 | 48.4 | 54.0 |
| 57.5° | 0.0 | 8.6 | 16.6 | 20.4 | 24.5 | 29.3 | 34.5 | 40.3 | 46.3 | 52.4 | 59.3 |
| 55° | 0.0 | 9.2 | 17.1 | 21.2 | 25.8 | 31.0 | 36.9 | 43.1 | 49.8 | 56.6 | 64.7 |
| 52.5° | 0.0 | 9.8 | 17.6 | 21.9 | 27.1 | 32.6 | 39.2 | 46.1 | 53.2 | 61.4 | 70.0 |
| 50° | 0.0 | 10.3 | 18.1 | 22.7 | 28.3 | 34.5 | 41.5 | 48.9 | 56.7 | 66.0 | 76.2 |
| 47.5° | 0.0 | 10.9 | 18.6 | 23.4 | 29.5 | 36.3 | 43.7 | 51.7 | 60.7 | 70.5 | 82.2 |
| 45° | 0.0 | 11.4 | 19.0 | 24.3 | 30.7 | 38.1 | 46.0 | 54.4 | 64.5 | 75.7 | 88.0 |
| 42.5° | 0.0 | 11.9 | 19.5 | 25.1 | 31.8 | 39.8 | 48.2 | 57.4 | 68.2 | 80.7 | 94.6 |
| 40° | 0.0 | 12.3 | 19.9 | 25.9 | 32.9 | 41.4 | 50.3 | 60.4 | 72.0 | 85.5 | 101.1 |
| 37.5° | 0.0 | 12.8 | 20.3 | 26.6 | 34.2 | 42.9 | 52.3 | 63.4 | 76.0 | 90.3 | 107.4 |
| 35° | 0.0 | 13.2 | 20.6 | 27.3 | 35.3 | 44.4 | 54.2 | 66.1 | 79.8 | 95.6 | 113.7 |
| 32.5° | 0.0 | 13.6 | 21.0 | 28.0 | 36.4 | 45.9 | 56.2 | 68.7 | 83.5 | 100.6 | 120.2 |
| 30° | 0.0 | 13.9 | 21.3 | 28.6 | 37.4 | 47.3 | 58.2 | 71.3 | 86.8 | 105.3 | 126.4 |
| 27.5° | 0.0 | 14.3 | 21.6 | 29.2 | 38.3 | 48.6 | 60.2 | 74.0 | 90.2 | 109.6 | 132.1 |
| 25° | 0.0 | 14.6 | 21.9 | 29.7 | 39.2 | 49.8 | 61.9 | 76.5 | 93.8 | 114.1 | 137.8 |
| 22.5° | 0.0 | 14.9 | 22.1 | 30.2 | 40.0 | 50.8 | 63.6 | 78.8 | 97.0 | 118.4 | 150.1 |
| 20° | 0.0 | 15.1 | 22.3 | 30.6 | 40.7 | 51.8 | 65.0 | 80.9 | 99.9 | 122.3 | 161.1 |
| 17.5° | 0.0 | 15.4 | 22.5 | 31.0 | 41.3 | 52.7 | 66.3 | 82.7 | 102.5 | 125.7 | 171.0 |
| 15° | 0.0 | 15.6 | 22.7 | 31.4 | 41.9 | 53.4 | 67.4 | 84.3 | 104.7 | 128.7 | 179.6 |
| 12.5° | 0.0 | 15.7 | 22.9 | 31.6 | 42.3 | 54.0 | 68.4 | 85.7 | 106.6 | 131.3 | 187.0 |
| 10° | 0.0 | 15.9 | 23.0 | 31.9 | 42.7 | 54.6 | 69.2 | 86.8 | 108.2 | 133.4 | 193.0 |
| 7.5° | 0.0 | 16.0 | 23.1 | 32.1 | 43.0 | 55.0 | 69.8 | 87.7 | 109.4 | 135.1 | 197.7 |
| 5° | 0.0 | 16.0 | 23.1 | 32.2 | 43.2 | 55.3 | 70.2 | 88.3 | 110.3 | 136.3 | 201.1 |
| 2.5° | 0.0 | 16.1 | 23.2 | 32.3 | 43.4 | 55.4 | 70.5 | 88.7 | 110.8 | 137.0 | 203.1 |
| 0° | 0.0 | 16.1 | 23.2 | 32.3 | 43.4 | 55.5 | 70.6 | 88.8 | 111.0 | 137.2 | 203.8 |
| -2.5° | 0.0 | 16.1 | 23.2 | 32.3 | 43.4 | 55.4 | 70.5 | 88.7 | 110.8 | 137.0 | 203.1 |
| -5° | 0.0 | 16.0 | 23.1 | 32.2 | 43.2 | 55.3 | 70.2 | 88.3 | 110.3 | 136.3 | 201.1 |
| -7.5° | 0.0 | 16.0 | 23.1 | 32.1 | 43.0 | 55.0 | 69.8 | 87.7 | 109.4 | 135.1 | 197.7 |
| -10° | 0.0 | 15.9 | 23.0 | 31.9 | 42.7 | 54.6 | 69.2 | 86.8 | 108.2 | 133.4 | 193.0 |
| -12.5° | 0.0 | 15.7 | 22.9 | 31.6 | 42.3 | 54.0 | 68.4 | 85.7 | 106.6 | 131.3 | 187.0 |
| -15° | 0.0 | 15.6 | 22.7 | 31.4 | 41.9 | 53.4 | 67.4 | 84.3 | 104.7 | 128.7 | 179.6 |
| -17.5° | 0.0 | 15.4 | 22.5 | 31.0 | 41.3 | 52.7 | 66.3 | 82.7 | 102.5 | 125.7 | 171.0 |
| -20° | 0.0 | 15.1 | 22.3 | 30.6 | 40.7 | 51.8 | 65.0 | 80.9 | 99.9 | 122.3 | 161.1 |



REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 0.0 | 14.9 | 22.1 | 30.2 | 40.0 | 50.8 | 63.6 | 78.8 | 97.0 | 118.4 | 150.1 |
| -25° | 0.0 | 14.6 | 21.9 | 29.7 | 39.2 | 49.8 | 61.9 | 76.5 | 93.8 | 114.1 | 137.8 |
| -27.5° | 0.0 | 14.3 | 21.6 | 29.2 | 38.3 | 48.6 | 60.2 | 74.0 | 90.2 | 109.6 | 132.1 |
| -30° | 0.0 | 13.9 | 21.3 | 28.6 | 37.4 | 47.3 | 58.2 | 71.3 | 86.8 | 105.3 | 126.4 |
| -32.5° | 0.0 | 13.6 | 21.0 | 28.0 | 36.4 | 45.9 | 56.2 | 68.7 | 83.5 | 100.6 | 120.2 |
| -35° | 0.0 | 13.2 | 20.6 | 27.3 | 35.3 | 44.4 | 54.2 | 66.1 | 79.8 | 95.6 | 113.7 |
| -37.5° | 0.0 | 12.8 | 20.3 | 26.6 | 34.2 | 42.9 | 52.3 | 63.4 | 76.0 | 90.3 | 107.4 |
| -40° | 0.0 | 12.3 | 19.9 | 25.9 | 32.9 | 41.4 | 50.3 | 60.4 | 72.0 | 85.5 | 101.1 |
| -42.5° | 0.0 | 11.9 | 19.5 | 25.1 | 31.8 | 39.8 | 48.2 | 57.4 | 68.2 | 80.7 | 94.6 |
| -45° | 0.0 | 11.4 | 19.0 | 24.3 | 30.7 | 38.1 | 46.0 | 54.4 | 64.5 | 75.7 | 88.0 |
| -47.5° | 0.0 | 10.9 | 18.6 | 23.4 | 29.5 | 36.3 | 43.7 | 51.7 | 60.7 | 70.5 | 82.2 |
| -50° | 0.0 | 10.3 | 18.1 | 22.7 | 28.3 | 34.5 | 41.5 | 48.9 | 56.7 | 66.0 | 76.2 |
| -52.5° | 0.0 | 9.8 | 17.6 | 21.9 | 27.1 | 32.6 | 39.2 | 46.1 | 53.2 | 61.4 | 70.0 |
| -55° | 0.0 | 9.2 | 17.1 | 21.2 | 25.8 | 31.0 | 36.9 | 43.1 | 49.8 | 56.6 | 64.7 |
| -57.5° | 0.0 | 8.6 | 16.6 | 20.4 | 24.5 | 29.3 | 34.5 | 40.3 | 46.3 | 52.4 | 59.3 |
| -60° | 0.0 | 8.0 | 16.1 | 19.6 | 23.1 | 27.6 | 32.1 | 37.4 | 42.7 | 48.4 | 54.0 |
| -62.5° | 0.0 | 7.4 | 14.9 | 18.8 | 22.1 | 25.9 | 30.0 | 34.4 | 39.3 | 44.3 | 49.5 |
| -65° | 0.0 | 6.8 | 13.6 | 18.0 | 21.0 | 24.1 | 27.9 | 31.6 | 35.9 | 40.3 | 44.8 |
| -67.5° | 0.0 | 6.2 | 12.3 | 17.1 | 19.8 | 22.5 | 25.7 | 29.1 | 32.4 | 36.4 | 40.3 |
| -70° | 0.0 | 5.5 | 11.0 | 16.3 | 18.7 | 21.1 | 23.5 | 26.5 | 29.5 | 32.4 | 35.9 |
| -72.5° | 0.0 | 4.8 | 9.7 | 14.5 | 17.5 | 19.6 | 21.7 | 23.9 | 26.5 | 29.1 | 31.6 |
| -75° | 0.0 | 4.2 | 8.3 | 12.5 | 16.3 | 18.1 | 19.9 | 21.7 | 23.5 | 25.7 | 27.9 |
| -77.5° | 0.0 | 3.5 | 7.0 | 10.4 | 13.9 | 16.6 | 18.1 | 19.6 | 21.1 | 22.5 | 24.1 |
| -80° | 0.0 | 2.8 | 5.6 | 8.4 | 11.1 | 13.9 | 16.3 | 17.5 | 18.7 | 19.8 | 21.0 |
| -82.5° | 0.0 | 2.1 | 4.2 | 6.3 | 8.4 | 10.4 | 12.5 | 14.5 | 16.3 | 17.1 | 18.0 |
| -85° | 0.0 | 1.4 | 2.8 | 4.2 | 5.6 | 7.0 | 8.3 | 9.7 | 11.0 | 12.3 | 13.6 |
| -87.5° | 0.0 | 0.7 | 1.4 | 2.1 | 2.8 | 3.5 | 4.2 | 4.8 | 5.5 | 6.2 | 6.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 7.4 | 8.0 | 8.6 | 9.2 | 9.8 | 10.3 | 10.9 | 11.4 | 11.9 | 12.3 | 12.8 |
| 85° | 14.9 | 16.1 | 16.6 | 17.1 | 17.6 | 18.1 | 18.6 | 19.0 | 19.5 | 19.9 | 20.3 |
| 82.5° | 18.8 | 19.6 | 20.4 | 21.2 | 21.9 | 22.7 | 23.4 | 24.3 | 25.1 | 25.9 | 26.6 |
| 80° | 22.1 | 23.1 | 24.5 | 25.8 | 27.1 | 28.3 | 29.5 | 30.7 | 31.8 | 32.9 | 34.2 |
| 77.5° | 25.9 | 27.6 | 29.3 | 31.0 | 32.6 | 34.5 | 36.3 | 38.1 | 39.8 | 41.4 | 42.9 |
| 75° | 30.0 | 32.1 | 34.5 | 36.9 | 39.2 | 41.5 | 43.7 | 46.0 | 48.2 | 50.3 | 52.3 |
| 72.5° | 34.4 | 37.4 | 40.3 | 43.1 | 46.1 | 48.9 | 51.7 | 54.4 | 57.4 | 60.4 | 63.4 |
| 70° | 39.3 | 42.7 | 46.3 | 49.8 | 53.2 | 56.7 | 60.7 | 64.5 | 68.2 | 72.0 | 76.0 |
| 67.5° | 44.3 | 48.4 | 52.4 | 56.6 | 61.4 | 66.0 | 70.5 | 75.7 | 80.7 | 85.5 | 90.3 |
| 65° | 49.5 | 54.0 | 59.3 | 64.7 | 70.0 | 76.2 | 82.2 | 88.0 | 94.6 | 101.1 | 107.4 |
| 62.5° | 54.6 | 60.6 | 66.8 | 73.2 | 80.3 | 87.1 | 94.8 | 102.6 | 110.1 | 118.5 | 126.6 |
| 60° | 60.6 | 67.4 | 74.9 | 82.7 | 90.8 | 99.9 | 108.7 | 118.4 | 128.1 | 137.8 | 160.4 |
| 57.5° | 66.8 | 74.9 | 83.6 | 92.8 | 102.9 | 113.1 | 124.5 | 135.4 | 159.5 | 185.3 | 208.9 |
| 55° | 73.2 | 82.7 | 92.8 | 104.0 | 115.6 | 128.1 | 145.2 | 175.2 | 204.2 | 227.4 | 249.7 |
| 52.5° | 80.3 | 90.8 | 102.9 | 115.6 | 129.4 | 151.5 | 184.7 | 214.8 | 240.8 | 270.4 | 311.0 |
| 50° | 87.1 | 99.9 | 113.1 | 128.1 | 151.5 | 187.9 | 220.2 | 249.0 | 288.9 | 334.3 | 397.1 |
| 47.5° | 94.8 | 108.7 | 124.5 | 145.2 | 184.7 | 220.2 | 251.7 | 298.2 | 348.4 | 430.8 | 513.6 |
| 45° | 102.6 | 118.4 | 135.4 | 175.2 | 214.8 | 249.0 | 298.2 | 353.1 | 447.8 | 540.5 | 633.7 |
| 42.5° | 110.1 | 128.1 | 159.5 | 204.2 | 240.8 | 288.9 | 348.4 | 447.8 | 549.6 | 652.2 | 736.4 |
| 40° | 118.5 | 137.8 | 185.3 | 227.4 | 270.4 | 334.3 | 430.8 | 540.5 | 652.2 | 743.3 | 820.5 |
| 37.5° | 126.6 | 160.4 | 208.9 | 249.7 | 311.0 | 397.1 | 513.6 | 633.7 | 736.4 | 820.5 | 883.3 |
| 35° | 134.3 | 181.9 | 228.5 | 279.0 | 349.8 | 471.1 | 597.0 | 715.7 | 806.4 | 877.8 | 998.0 |
| 32.5° | 148.4 | 202.2 | 247.0 | 313.0 | 412.5 | 542.7 | 676.6 | 778.4 | 861.5 | 957.3 | 1206.9 |
| 30° | 165.7 | 218.4 | 268.0 | 345.0 | 474.1 | 612.7 | 737.0 | 834.5 | 909.7 | 1144.6 | 1830.1 |
| 27.5° | 181.9 | 233.3 | 295.4 | 391.9 | 532.4 | 678.4 | 789.0 | 877.0 | 1042.1 | 1465.0 | 2645.6 |
| 25° | 196.8 | 247.0 | 320.9 | 441.1 | 588.8 | 727.8 | 834.3 | 916.5 | 1196.9 | 2180.9 | 3984.9 |
| 22.5° | 209.4 | 259.8 | 344.2 | 486.3 | 640.7 | 769.1 | 868.2 | 1034.7 | 1545.0 | 2875.1 | 5381.5 |
| 20° | 219.7 | 279.0 | 374.7 | 527.7 | 687.7 | 806.7 | 899.0 | 1156.0 | 2109.7 | 4066.7 | 8111.4 |
| 17.5° | 228.8 | 296.1 | 408.1 | 566.2 | 720.6 | 836.4 | 938.6 | 1265.0 | 2617.9 | 5141.6 | 11259.9 |
| 15° | 236.8 | 311.0 | 437.3 | 600.0 | 747.7 | 858.8 | 1027.0 | 1634.4 | 3307.7 | 6558.4 | 14102.0 |
| 12.5° | 243.7 | 323.8 | 462.2 | 628.8 | 770.9 | 877.9 | 1102.8 | 1989.4 | 4062.2 | 8779.3 | 18023.7 |
| 10° | 249.3 | 334.3 | 482.8 | 652.5 | 790.0 | 893.7 | 1165.5 | 2283.4 | 4687.9 | 10624.6 | 21289.5 |
| 7.5° | 253.6 | 342.5 | 498.8 | 671.1 | 804.9 | 906.1 | 1214.6 | 2514.3 | 5180.0 | 12078.1 | 23866.9 |
| 5° | 256.8 | 348.4 | 510.4 | 684.5 | 815.7 | 915.0 | 1250.0 | 2680.4 | 5534.5 | 13126.5 | 25728.5 |
| 2.5° | 258.7 | 351.9 | 517.3 | 692.5 | 822.1 | 920.4 | 1271.3 | 2780.6 | 5748.4 | 13759.7 | 26854.1 |
| 0° | 259.3 | 353.1 | 519.6 | 695.2 | 824.3 | 922.2 | 1278.4 | 2814.1 | 5819.9 | 13971.5 | 27230.7 |
| -2.5° | 258.7 | 351.9 | 517.3 | 692.5 | 822.1 | 920.4 | 1271.3 | 2780.6 | 5748.4 | 13759.7 | 26854.1 |
| -5° | 256.8 | 348.4 | 510.4 | 684.5 | 815.7 | 915.0 | 1250.0 | 2680.4 | 5534.5 | 13126.5 | 25728.5 |
| -7.5° | 253.6 | 342.5 | 498.8 | 671.1 | 804.9 | 906.1 | 1214.6 | 2514.3 | 5180.0 | 12078.1 | 23866.9 |
| -10° | 249.3 | 334.3 | 482.8 | 652.5 | 790.0 | 893.7 | 1165.5 | 2283.4 | 4687.9 | 10624.6 | 21289.5 |
| -12.5° | 243.7 | 323.8 | 462.2 | 628.8 | 770.9 | 877.9 | 1102.8 | 1989.4 | 4062.2 | 8779.3 | 18023.7 |
| -15° | 236.8 | 311.0 | 437.3 | 600.0 | 747.7 | 858.8 | 1027.0 | 1634.4 | 3307.7 | 6558.4 | 14102.0 |
| -17.5° | 228.8 | 296.1 | 408.1 | 566.2 | 720.6 | 836.4 | 938.6 | 1265.0 | 2617.9 | 5141.6 | 11259.9 |
| -20° | 219.7 | 279.0 | 374.7 | 527.7 | 687.7 | 806.7 | 899.0 | 1156.0 | 2109.7 | 4066.7 | 8111.4 |



REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| -22.5° | 209.4 | 259.8 | 344.2 | 486.3 | 640.7 | 769.1 | 868.2 | 1034.7 | 1545.0 | 2875.1 | 5381.5 |
| -25° | 196.8 | 247.0 | 320.9 | 441.1 | 588.8 | 727.8 | 834.3 | 916.5 | 1196.9 | 2180.9 | 3984.9 |
| -27.5° | 181.9 | 233.3 | 295.4 | 391.9 | 532.4 | 678.4 | 789.0 | 877.0 | 1042.1 | 1465.0 | 2645.6 |
| -30° | 165.7 | 218.4 | 268.0 | 345.0 | 474.1 | 612.7 | 737.0 | 834.5 | 909.7 | 1144.6 | 1830.1 |
| -32.5° | 148.4 | 202.2 | 247.0 | 313.0 | 412.5 | 542.7 | 676.6 | 778.4 | 861.5 | 957.3 | 1206.9 |
| -35° | 134.3 | 181.9 | 228.5 | 279.0 | 349.8 | 471.1 | 597.0 | 715.7 | 806.4 | 877.8 | 998.0 |
| -37.5° | 126.6 | 160.4 | 208.9 | 249.7 | 311.0 | 397.1 | 513.6 | 633.7 | 736.4 | 820.5 | 883.3 |
| -40° | 118.5 | 137.8 | 185.3 | 227.4 | 270.4 | 334.3 | 430.8 | 540.5 | 652.2 | 743.3 | 820.5 |
| -42.5° | 110.1 | 128.1 | 159.5 | 204.2 | 240.8 | 288.9 | 348.4 | 447.8 | 549.6 | 652.2 | 736.4 |
| -45° | 102.6 | 118.4 | 135.4 | 175.2 | 214.8 | 249.0 | 298.2 | 353.1 | 447.8 | 540.5 | 633.7 |
| -47.5° | 94.8 | 108.7 | 124.5 | 145.2 | 184.7 | 220.2 | 251.7 | 298.2 | 348.4 | 430.8 | 513.6 |
| -50° | 87.1 | 99.9 | 113.1 | 128.1 | 151.5 | 187.9 | 220.2 | 249.0 | 288.9 | 334.3 | 397.1 |
| -52.5° | 80.3 | 90.8 | 102.9 | 115.6 | 129.4 | 151.5 | 184.7 | 214.8 | 240.8 | 270.4 | 311.0 |
| -55° | 73.2 | 82.7 | 92.8 | 104.0 | 115.6 | 128.1 | 145.2 | 175.2 | 204.2 | 227.4 | 249.7 |
| -57.5° | 66.8 | 74.9 | 83.6 | 92.8 | 102.9 | 113.1 | 124.5 | 135.4 | 159.5 | 185.3 | 208.9 |
| -60° | 60.6 | 67.4 | 74.9 | 82.7 | 90.8 | 99.9 | 108.7 | 118.4 | 128.1 | 137.8 | 160.4 |
| -62.5° | 54.6 | 60.6 | 66.8 | 73.2 | 80.3 | 87.1 | 94.8 | 102.6 | 110.1 | 118.5 | 126.6 |
| -65° | 49.5 | 54.0 | 59.3 | 64.7 | 70.0 | 76.2 | 82.2 | 88.0 | 94.6 | 101.1 | 107.4 |
| -67.5° | 44.3 | 48.4 | 52.4 | 56.6 | 61.4 | 66.0 | 70.5 | 75.7 | 80.7 | 85.5 | 90.3 |
| -70° | 39.3 | 42.7 | 46.3 | 49.8 | 53.2 | 56.7 | 60.7 | 64.5 | 68.2 | 72.0 | 76.0 |
| -72.5° | 34.4 | 37.4 | 40.3 | 43.1 | 46.1 | 48.9 | 51.7 | 54.4 | 57.4 | 60.4 | 63.4 |
| -75° | 30.0 | 32.1 | 34.5 | 36.9 | 39.2 | 41.5 | 43.7 | 46.0 | 48.2 | 50.3 | 52.3 |
| -77.5° | 25.9 | 27.6 | 29.3 | 31.0 | 32.6 | 34.5 | 36.3 | 38.1 | 39.8 | 41.4 | 42.9 |
| -80° | 22.1 | 23.1 | 24.5 | 25.8 | 27.1 | 28.3 | 29.5 | 30.7 | 31.8 | 32.9 | 34.2 |
| -82.5° | 18.8 | 19.6 | 20.4 | 21.2 | 21.9 | 22.7 | 23.4 | 24.3 | 25.1 | 25.9 | 26.6 |
| -85° | 14.9 | 16.1 | 16.6 | 17.1 | 17.6 | 18.1 | 18.6 | 19.0 | 19.5 | 19.9 | 20.3 |
| -87.5° | 7.4 | 8.0 | 8.6 | 9.2 | 9.8 | 10.3 | 10.9 | 11.4 | 11.9 | 12.3 | 12.8 |
| -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: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|-----------------|-----------------|-----------------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 13.2 | 13.6 | 13.9 | 14.3 | 14.6 | 14.9 | 15.1 | 15.4 | 15.6 | 15.7 | 15.9 |
| 85° | 20.6 | 21.0 | 21.3 | 21.6 | 21.9 | 22.1 | 22.3 | 22.5 | 22.7 | 22.9 | 23.0 |
| 82.5° | 27.3 | 28.0 | 28.6 | 29.2 | 29.7 | 30.2 | 30.6 | 31.0 | 31.4 | 31.6 | 31.9 |
| 80° | 35.3 | 36.4 | 37.4 | 38.3 | 39.2 | 40.0 | 40.7 | 41.3 | 41.9 | 42.3 | 42.7 |
| 77.5° | 44.4 | 45.9 | 47.3 | 48.6 | 49.8 | 50.8 | 51.8 | 52.7 | 53.4 | 54.0 | 54.6 |
| 75° | 54.2 | 56.2 | 58.2 | 60.2 | 61.9 | 63.6 | 65.0 | 66.3 | 67.4 | 68.4 | 69.2 |
| 72.5° | 66.1 | 68.7 | 71.3 | 74.0 | 76.5 | 78.8 | 80.9 | 82.7 | 84.3 | 85.7 | 86.8 |
| 70° | 79.8 | 83.5 | 86.8 | 90.2 | 93.8 | 97.0 | 99.9 | 102.5 | 104.7 | 106.6 | 108.2 |
| 67.5° | 95.6 | 100.6 | 105.3 | 109.6 | 114.1 | 118.4 | 122.3 | 125.7 | 128.7 | 131.3 | 133.4 |
| 65° | 113.7 | 120.2 | 126.4 | 132.1 | 137.8 | 150.1 | 161.1 | 171.0 | 179.6 | 187.0 | 193.0 |
| 62.5° | 134.3 | 148.4 | 165.7 | 181.9 | 196.8 | 209.4 | 219.7 | 228.8 | 236.8 | 243.7 | 249.3 |
| 60° | 181.9 | 202.2 | 218.4 | 233.3 | 247.0 | 259.8 | 279.0 | 296.1 | 311.0 | 323.8 | 334.3 |
| 57.5° | 228.5 | 247.0 | 268.0 | 295.4 | 320.9 | 344.2 | 374.7 | 408.1 | 437.3 | 462.2 | 482.8 |
| 55° | 279.0 | 313.0 | 345.0 | 391.9 | 441.1 | 486.3 | 527.7 | 566.2 | 600.0 | 628.8 | 652.5 |
| 52.5° | 349.8 | 412.5 | 474.1 | 532.4 | 588.8 | 640.7 | 687.7 | 720.6 | 747.7 | 770.9 | 790.0 |
| 50° | 471.1 | 542.7 | 612.7 | 678.4 | 727.8 | 769.1 | 806.7 | 836.4 | 858.8 | 877.9 | 893.7 |
| 47.5° | 597.0 | 676.6 | 737.0 | 789.0 | 834.3 | 868.2 | 899.0 | 938.6 | 1027.0 | 1102.8 | 1165.5 |
| 45° | 715.7 | 778.4 | 834.5 | 877.0 | 916.5 | 1034.7 | 1156.0 | 1265.0 | 1634.4 | 1989.4 | 2283.4 |
| 42.5° | 806.4 | 861.5 | 909.7 | 1042.1 | 1196.9 | 1545.0 | 2109.7 | 2617.9 | 3307.7 | 4062.2 | 4687.9 |
| 40° | 877.8 | 957.3 | 1144.6 | 1465.0 | 2180.9 | 2875.1 | 4066.7 | 5141.6 | 6558.4 | 8779.3 | 10624.6 |
| 37.5° | 998.0 | 1206.9 | 1830.1 | 2645.6 | 3984.9 | 5381.5 | 8111.4 | 11259.9 | 14102.0 | 18023.7 | 21289.5 |
| 35° | 1227.8 | 2014.7 | 3038.5 | 4740.0 | 7243.5 | 11306.6 | 15729.9 | 21259.7 | 26178.2 | 30691.2 | 34528.6 |
| 32.5° | 2014.7 | 3224.7 | 5122.3 | 8838.7 | 13486.2 | 20265.2 | 26819.4 | 33228.1 | 38978.2 | 43561.5 | 47037.0 |
| 30° | 3038.5 | 5122.3 | 9375.2 | 14980.2 | 23041.3 | 30892.4 | 38494.9 | 44785.4 | 49962.5 | 54029.7 | 56226.7 |
| 27.5° | 4740.0 | 8838.7 | 14980.2 | 23976.2 | 32978.9 | 41696.1 | 48479.1 | 54165.4 | 57415.1 | 60265.5 | 61944.1 |
| 25° | 7243.5 | 13486.2 | 23041.3 | 32978.9 | 42601.9 | 50361.8 | 55860.3 | 59755.8 | 62370.7 | 64537.9 | 66842.8 |
| 22.5° | 11306.6 | 20265.2 | 30892.4 | 41696.1 | 50361.8 | 56433.4 | 60747.8 | 63674.0 | 66797.0 | 70001.8 | 73518.7 |
| 20° | 15729.9 | 26819.4 | 38494.9 | 48479.1 | 55860.3 | 60747.8 | 64116.0 | 68051.9 | 72274.1 | 77978.5 | 83605.6 |
| 17.5° | 21259.7 | 33228.1 | 44785.4 | 54165.4 | 59755.8 | 63674.0 | 68051.9 | 73364.4 | 80290.6 | 89923.0 | 99383.9 |
| 15° | 26178.2 | 38978.2 | 49962.5 | 57415.1 | 62370.7 | 66797.0 | 72274.1 | 80290.6 | 92089.9 | 106455.4 | 123339.7 |
| 12.5° | 30691.2 | 43561.5 | 54029.7 | 60265.5 | 64537.9 | 70001.8 | 77978.5 | 89923.0 | 106455.4 | 127440.5 | 153591.5 |
| 10° | 34528.6 | 47037.0 | 56226.7 | 61944.1 | 66842.8 | 73518.7 | 83605.6 | 99383.9 | 123339.7 | 153591.5 | 192096.1 |
| 7.5° | 37563.9 | 49793.6 | 57975.2 | 63282.5 | 68839.6 | 77114.5 | 90538.9 | 111513.3 | 141082.5 | 180749.7 | 272164.9 |
| 5° | 39760.3 | 51792.8 | 59246.7 | 64259.2 | 70303.2 | 79765.5 | 95690.0 | 120870.4 | 156253.2 | 216810.8 | 388805.5 |
| 2.5° | 41089.9 | 53004.8 | 60019.1 | 64853.9 | 71197.3 | 81391.8 | 98868.5 | 126691.7 | 165805.1 | 253046.2 | 490570.7 |
| 0° | 41535.1 | 53411.0 | 60278.2 | 65053.7 | 71498.1 | 81940.2 | 99943.6 | 128669.6 | 169072.7 | 270519.8 | 527819.6 |
| -2.5° | 41089.9 | 53004.8 | 60019.1 | 64853.9 | 71197.3 | 81391.8 | 98868.5 | 126691.7 | 165805.1 | 253046.2 | 490570.7 |
| -5° | 39760.3 | 51792.8 | 59246.7 | 64259.2 | 70303.2 | 79765.5 | 95690.0 | 120870.4 | 156253.2 | 216810.8 | 388805.5 |
| -7.5° | 37563.9 | 49793.6 | 57975.2 | 63282.5 | 68839.6 | 77114.5 | 90538.9 | 111513.3 | 141082.5 | 180749.7 | 272164.9 |
| -10° | 34528.6 | 47037.0 | 56226.7 | 61944.1 | 66842.8 | 73518.7 | 83605.6 | 99383.9 | 123339.7 | 153591.5 | 192096.1 |
| -12.5° | 30691.2 | 43561.5 | 54029.7 | 60265.5 | 64537.9 | 70001.8 | 77978.5 | 89923.0 | 106455.4 | 127440.5 | 153591.5 |
| -15° | 26178.2 | 38978.2 | 49962.5 | 57415.1 | 62370.7 | 66797.0 | 72274.1 | 80290.6 | 92089.9 | 106455.4 | 123339.7 |
| -17.5° | 21259.7 | 33228.1 | 44785.4 | 54165.4 | 59755.8 | 63674.0 | 68051.9 | 73364.4 | 80290.6 | 89923.0 | 99383.9 |
| -20° | 15729.9 | 26819.4 | 38494.9 | 48479.1 | 55860.3 | 60747.8 | 64116.0 | 68051.9 | 72274.1 | 77978.5 | 83605.6 |



REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 11306.6 | 20265.2 | 30892.4 | 41696.1 | 50361.8 | 56433.4 | 60747.8 | 63674.0 | 66797.0 | 70001.8 | 73518.7 |
| -25° | 7243.5 | 13486.2 | 23041.3 | 32978.9 | 42601.9 | 50361.8 | 55860.3 | 59755.8 | 62370.7 | 64537.9 | 66842.8 |
| -27.5° | 4740.0 | 8838.7 | 14980.2 | 23976.2 | 32978.9 | 41696.1 | 48479.1 | 54165.4 | 57415.1 | 60265.5 | 61944.1 |
| -30° | 3038.5 | 5122.3 | 9375.2 | 14980.2 | 23041.3 | 30892.4 | 38494.9 | 44785.4 | 49962.5 | 54029.7 | 56226.7 |
| -32.5° | 2014.7 | 3224.7 | 5122.3 | 8838.7 | 13486.2 | 20265.2 | 26819.4 | 33228.1 | 38978.2 | 43561.5 | 47037.0 |
| -35° | 1227.8 | 2014.7 | 3038.5 | 4740.0 | 7243.5 | 11306.6 | 15729.9 | 21259.7 | 26178.2 | 30691.2 | 34528.6 |
| -37.5° | 998.0 | 1206.9 | 1830.1 | 2645.6 | 3984.9 | 5381.5 | 8111.4 | 11259.9 | 14102.0 | 18023.7 | 21289.5 |
| -40° | 877.8 | 957.3 | 1144.6 | 1465.0 | 2180.9 | 2875.1 | 4066.7 | 5141.6 | 6558.4 | 8779.3 | 10624.6 |
| -42.5° | 806.4 | 861.5 | 909.7 | 1042.1 | 1196.9 | 1545.0 | 2109.7 | 2617.9 | 3307.7 | 4062.2 | 4687.9 |
| -45° | 715.7 | 778.4 | 834.5 | 877.0 | 916.5 | 1034.7 | 1156.0 | 1265.0 | 1634.4 | 1989.4 | 2283.4 |
| -47.5° | 597.0 | 676.6 | 737.0 | 789.0 | 834.3 | 868.2 | 899.0 | 938.6 | 1027.0 | 1102.8 | 1165.5 |
| -50° | 471.1 | 542.7 | 612.7 | 678.4 | 727.8 | 769.1 | 806.7 | 836.4 | 858.8 | 877.9 | 893.7 |
| -52.5° | 349.8 | 412.5 | 474.1 | 532.4 | 588.8 | 640.7 | 687.7 | 720.6 | 747.7 | 770.9 | 790.0 |
| -55° | 279.0 | 313.0 | 345.0 | 391.9 | 441.1 | 486.3 | 527.7 | 566.2 | 600.0 | 628.8 | 652.5 |
| -57.5° | 228.5 | 247.0 | 268.0 | 295.4 | 320.9 | 344.2 | 374.7 | 408.1 | 437.3 | 462.2 | 482.8 |
| -60° | 181.9 | 202.2 | 218.4 | 233.3 | 247.0 | 259.8 | 279.0 | 296.1 | 311.0 | 323.8 | 334.3 |
| -62.5° | 134.3 | 148.4 | 165.7 | 181.9 | 196.8 | 209.4 | 219.7 | 228.8 | 236.8 | 243.7 | 249.3 |
| -65° | 113.7 | 120.2 | 126.4 | 132.1 | 137.8 | 150.1 | 161.1 | 171.0 | 179.6 | 187.0 | 193.0 |
| -67.5° | 95.6 | 100.6 | 105.3 | 109.6 | 114.1 | 118.4 | 122.3 | 125.7 | 128.7 | 131.3 | 133.4 |
| -70° | 79.8 | 83.5 | 86.8 | 90.2 | 93.8 | 97.0 | 99.9 | 102.5 | 104.7 | 106.6 | 108.2 |
| -72.5° | 66.1 | 68.7 | 71.3 | 74.0 | 76.5 | 78.8 | 80.9 | 82.7 | 84.3 | 85.7 | 86.8 |
| -75° | 54.2 | 56.2 | 58.2 | 60.2 | 61.9 | 63.6 | 65.0 | 66.3 | 67.4 | 68.4 | 69.2 |
| -77.5° | 44.4 | 45.9 | 47.3 | 48.6 | 49.8 | 50.8 | 51.8 | 52.7 | 53.4 | 54.0 | 54.6 |
| -80° | 35.3 | 36.4 | 37.4 | 38.3 | 39.2 | 40.0 | 40.7 | 41.3 | 41.9 | 42.3 | 42.7 |
| -82.5° | 27.3 | 28.0 | 28.6 | 29.2 | 29.7 | 30.2 | 30.6 | 31.0 | 31.4 | 31.6 | 31.9 |
| -85° | 20.6 | 21.0 | 21.3 | 21.6 | 21.9 | 22.1 | 22.3 | 22.5 | 22.7 | 22.9 | 23.0 |
| -87.5° | 13.2 | 13.6 | 13.9 | 14.3 | 14.6 | 14.9 | 15.1 | 15.4 | 15.6 | 15.7 | 15.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 16.0 | 16.0 | 16.1 | 16.1 | 16.1 | 16.0 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 |
| 85° | 23.1 | 23.1 | 23.2 | 23.2 | 23.2 | 23.1 | 23.1 | 23.0 | 22.9 | 22.7 | 22.5 |
| 82.5° | 32.1 | 32.2 | 32.3 | 32.3 | 32.3 | 32.2 | 32.1 | 31.9 | 31.6 | 31.4 | 31.0 |
| 80° | 43.0 | 43.2 | 43.4 | 43.4 | 43.4 | 43.2 | 43.0 | 42.7 | 42.3 | 41.9 | 41.3 |
| 77.5° | 55.0 | 55.3 | 55.4 | 55.5 | 55.4 | 55.3 | 55.0 | 54.6 | 54.0 | 53.4 | 52.7 |
| 75° | 69.8 | 70.2 | 70.5 | 70.6 | 70.5 | 70.2 | 69.8 | 69.2 | 68.4 | 67.4 | 66.3 |
| 72.5° | 87.7 | 88.3 | 88.7 | 88.8 | 88.7 | 88.3 | 87.7 | 86.8 | 85.7 | 84.3 | 82.7 |
| 70° | 109.4 | 110.3 | 110.8 | 111.0 | 110.8 | 110.3 | 109.4 | 108.2 | 106.6 | 104.7 | 102.5 |
| 67.5° | 135.1 | 136.3 | 137.0 | 137.2 | 137.0 | 136.3 | 135.1 | 133.4 | 131.3 | 128.7 | 125.7 |
| 65° | 197.7 | 201.1 | 203.1 | 203.8 | 203.1 | 201.1 | 197.7 | 193.0 | 187.0 | 179.6 | 171.0 |
| 62.5° | 253.6 | 256.8 | 258.7 | 259.3 | 258.7 | 256.8 | 253.6 | 249.3 | 243.7 | 236.8 | 228.8 |
| 60° | 342.5 | 348.4 | 351.9 | 353.1 | 351.9 | 348.4 | 342.5 | 334.3 | 323.8 | 311.0 | 296.1 |
| 57.5° | 498.8 | 510.4 | 517.3 | 519.6 | 517.3 | 510.4 | 498.8 | 482.8 | 462.2 | 437.3 | 408.1 |
| 55° | 671.1 | 684.5 | 692.5 | 695.2 | 692.5 | 684.5 | 671.1 | 652.5 | 628.8 | 600.0 | 566.2 |
| 52.5° | 804.9 | 815.7 | 822.1 | 824.3 | 822.1 | 815.7 | 804.9 | 790.0 | 770.9 | 747.7 | 720.6 |
| 50° | 906.1 | 915.0 | 920.4 | 922.2 | 920.4 | 915.0 | 906.1 | 893.7 | 877.9 | 858.8 | 836.4 |
| 47.5° | 1214.6 | 1250.0 | 1271.3 | 1278.4 | 1271.3 | 1250.0 | 1214.6 | 1165.5 | 1102.8 | 1027.0 | 938.6 |
| 45° | 2514.3 | 2680.4 | 2780.6 | 2814.1 | 2780.6 | 2680.4 | 2514.3 | 2283.4 | 1989.4 | 1634.4 | 1265.0 |
| 42.5° | 5180.0 | 5534.5 | 5748.4 | 5819.9 | 5748.4 | 5534.5 | 5180.0 | 4687.9 | 4062.2 | 3307.7 | 2617.9 |
| 40° | 12078.1 | 13126.5 | 13759.7 | 13971.5 | 13759.7 | 13126.5 | 12078.1 | 10624.6 | 8779.3 | 6558.4 | 5141.6 |
| 37.5° | 23866.9 | 25728.5 | 26854.1 | 27230.7 | 26854.1 | 25728.5 | 23866.9 | 21289.5 | 18023.7 | 14102.0 | 11259.9 |
| 35° | 37563.9 | 39760.3 | 41089.9 | 41535.1 | 41089.9 | 39760.3 | 37563.9 | 34528.6 | 30691.2 | 26178.2 | 21259.7 |
| 32.5° | 49793.6 | 51792.8 | 53004.8 | 53411.0 | 53004.8 | 51792.8 | 49793.6 | 47037.0 | 43561.5 | 38978.2 | 33228.1 |
| 30° | 57975.2 | 59246.7 | 60019.1 | 60278.2 | 60019.1 | 59246.7 | 57975.2 | 56226.7 | 54029.7 | 49962.5 | 44785.4 |
| 27.5° | 63282.5 | 64259.2 | 64853.9 | 65053.7 | 64853.9 | 64259.2 | 63282.5 | 61944.1 | 60265.5 | 57415.1 | 54165.4 |
| 25° | 68839.6 | 70303.2 | 71197.3 | 71498.1 | 71197.3 | 70303.2 | 68839.6 | 66842.8 | 64537.9 | 62370.7 | 59755.8 |
| 22.5° | 77114.5 | 79765.5 | 81391.8 | 81940.2 | 81391.8 | 79765.5 | 77114.5 | 73518.7 | 70001.8 | 66797.0 | 63674.0 |
| 20° | 90538.9 | 95690.0 | 98868.5 | 99943.6 | 98868.5 | 95690.0 | 90538.9 | 83605.6 | 77978.5 | 72274.1 | 68051.9 |
| 17.5° | 111513.3 | 120870.4 | 126691.7 | 128669.6 | 126691.7 | 120870.4 | 111513.3 | 99383.9 | 89923.0 | 80290.6 | 73364.4 |
| 15° | 141082.5 | 156253.2 | 165805.1 | 169072.7 | 165805.1 | 156253.2 | 141082.5 | 123339.7 | 106455.4 | 92089.9 | 80290.6 |
| 12.5° | 180749.7 | 216810.8 | 253046.2 | 270519.8 | 253046.2 | 216810.8 | 180749.7 | 153591.5 | 127440.5 | 106455.4 | 89923.0 |
| 10° | 272164.9 | 388805.5 | 490570.7 | 527819.6 | 490570.7 | 388805.5 | 272164.9 | 192096.1 | 153591.5 | 123339.7 | 99383.9 |
| 7.5° | 455515.7 | 644442.1 | 730562.0 | 752830.3 | 730562.0 | 644442.1 | 455515.7 | 272164.9 | 180749.7 | 141082.5 | 111513.3 |
| 5° | 644442.1 | 776754.0 | 840675.7 | 863516.1 | 840675.7 | 776754.0 | 644442.1 | 388805.5 | 216810.8 | 156253.2 | 120870.4 |
| 2.5° | 730562.0 | 840675.7 | 913560.2 | 943901.0 | 913560.2 | 840675.7 | 730562.0 | 490570.7 | 253046.2 | 165805.1 | 126691.7 |
| 0° | 752830.3 | 863516.1 | 943901.0 | 982028.2 | 943901.0 | 863516.1 | 752830.3 | 527819.6 | 270519.8 | 169072.7 | 128669.6 |
| -2.5° | 730562.0 | 840675.7 | 913560.2 | 943901.0 | 913560.2 | 840675.7 | 730562.0 | 490570.7 | 253046.2 | 165805.1 | 126691.7 |
| -5° | 644442.1 | 776754.0 | 840675.7 | 863516.1 | 840675.7 | 776754.0 | 644442.1 | 388805.5 | 216810.8 | 156253.2 | 120870.4 |
| -7.5° | 455515.7 | 644442.1 | 730562.0 | 752830.3 | 730562.0 | 644442.1 | 455515.7 | 272164.9 | 180749.7 | 141082.5 | 111513.3 |
| -10° | 272164.9 | 388805.5 | 490570.7 | 527819.6 | 490570.7 | 388805.5 | 272164.9 | 192096.1 | 153591.5 | 123339.7 | 99383.9 |
| -12.5° | 180749.7 | 216810.8 | 253046.2 | 270519.8 | 253046.2 | 216810.8 | 180749.7 | 153591.5 | 127440.5 | 106455.4 | 89923.0 |
| -15° | 141082.5 | 156253.2 | 165805.1 | 169072.7 | 165805.1 | 156253.2 | 141082.5 | 123339.7 | 106455.4 | 92089.9 | 80290.6 |
| -17.5° | 111513.3 | 120870.4 | 126691.7 | 128669.6 | 126691.7 | 120870.4 | 111513.3 | 99383.9 | 89923.0 | 80290.6 | 73364.4 |
| -20° | 90538.9 | 95690.0 | 98868.5 | 99943.6 | 98868.5 | 95690.0 | 90538.9 | 83605.6 | 77978.5 | 72274.1 | 68051.9 |



REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 77114.5 | 79765.5 | 81391.8 | 81940.2 | 81391.8 | 79765.5 | 77114.5 | 73518.7 | 70001.8 | 66797.0 | 63674.0 |
| -25° | 68839.6 | 70303.2 | 71197.3 | 71498.1 | 71197.3 | 70303.2 | 68839.6 | 66842.8 | 64537.9 | 62370.7 | 59755.8 |
| -27.5° | 63282.5 | 64259.2 | 64853.9 | 65053.7 | 64853.9 | 64259.2 | 63282.5 | 61944.1 | 60265.5 | 57415.1 | 54165.4 |
| -30° | 57975.2 | 59246.7 | 60019.1 | 60278.2 | 60019.1 | 59246.7 | 57975.2 | 56226.7 | 54029.7 | 49962.5 | 44785.4 |
| -32.5° | 49793.6 | 51792.8 | 53004.8 | 53411.0 | 53004.8 | 51792.8 | 49793.6 | 47037.0 | 43561.5 | 38978.2 | 33228.1 |
| -35° | 37563.9 | 39760.3 | 41089.9 | 41535.1 | 41089.9 | 39760.3 | 37563.9 | 34528.6 | 30691.2 | 26178.2 | 21259.7 |
| -37.5° | 23866.9 | 25728.5 | 26854.1 | 27230.7 | 26854.1 | 25728.5 | 23866.9 | 21289.5 | 18023.7 | 14102.0 | 11259.9 |
| -40° | 12078.1 | 13126.5 | 13759.7 | 13971.5 | 13759.7 | 13126.5 | 12078.1 | 10624.6 | 8779.3 | 6558.4 | 5141.6 |
| -42.5° | 5180.0 | 5534.5 | 5748.4 | 5819.9 | 5748.4 | 5534.5 | 5180.0 | 4687.9 | 4062.2 | 3307.7 | 2617.9 |
| -45° | 2514.3 | 2680.4 | 2780.6 | 2814.1 | 2780.6 | 2680.4 | 2514.3 | 2283.4 | 1989.4 | 1634.4 | 1265.0 |
| -47.5° | 1214.6 | 1250.0 | 1271.3 | 1278.4 | 1271.3 | 1250.0 | 1214.6 | 1165.5 | 1102.8 | 1027.0 | 938.6 |
| -50° | 906.1 | 915.0 | 920.4 | 922.2 | 920.4 | 915.0 | 906.1 | 893.7 | 877.9 | 858.8 | 836.4 |
| -52.5° | 804.9 | 815.7 | 822.1 | 824.3 | 822.1 | 815.7 | 804.9 | 790.0 | 770.9 | 747.7 | 720.6 |
| -55° | 671.1 | 684.5 | 692.5 | 695.2 | 692.5 | 684.5 | 671.1 | 652.5 | 628.8 | 600.0 | 566.2 |
| -57.5° | 498.8 | 510.4 | 517.3 | 519.6 | 517.3 | 510.4 | 498.8 | 482.8 | 462.2 | 437.3 | 408.1 |
| -60° | 342.5 | 348.4 | 351.9 | 353.1 | 351.9 | 348.4 | 342.5 | 334.3 | 323.8 | 311.0 | 296.1 |
| -62.5° | 253.6 | 256.8 | 258.7 | 259.3 | 258.7 | 256.8 | 253.6 | 249.3 | 243.7 | 236.8 | 228.8 |
| -65° | 197.7 | 201.1 | 203.1 | 203.8 | 203.1 | 201.1 | 197.7 | 193.0 | 187.0 | 179.6 | 171.0 |
| -67.5° | 135.1 | 136.3 | 137.0 | 137.2 | 137.0 | 136.3 | 135.1 | 133.4 | 131.3 | 128.7 | 125.7 |
| -70° | 109.4 | 110.3 | 110.8 | 111.0 | 110.8 | 110.3 | 109.4 | 108.2 | 106.6 | 104.7 | 102.5 |
| -72.5° | 87.7 | 88.3 | 88.7 | 88.8 | 88.7 | 88.3 | 87.7 | 86.8 | 85.7 | 84.3 | 82.7 |
| -75° | 69.8 | 70.2 | 70.5 | 70.6 | 70.5 | 70.2 | 69.8 | 69.2 | 68.4 | 67.4 | 66.3 |
| -77.5° | 55.0 | 55.3 | 55.4 | 55.5 | 55.4 | 55.3 | 55.0 | 54.6 | 54.0 | 53.4 | 52.7 |
| -80° | 43.0 | 43.2 | 43.4 | 43.4 | 43.4 | 43.2 | 43.0 | 42.7 | 42.3 | 41.9 | 41.3 |
| -82.5° | 32.1 | 32.2 | 32.3 | 32.3 | 32.3 | 32.2 | 32.1 | 31.9 | 31.6 | 31.4 | 31.0 |
| -85° | 23.1 | 23.1 | 23.2 | 23.2 | 23.2 | 23.1 | 23.1 | 23.0 | 22.9 | 22.7 | 22.5 |
| -87.5° | 16.0 | 16.0 | 16.1 | 16.1 | 16.1 | 16.0 | 16.0 | 15.9 | 15.7 | 15.6 | 15.4 |
| -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: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 15.1 | 14.9 | 14.6 | 14.3 | 13.9 | 13.6 | 13.2 | 12.8 | 12.3 | 11.9 | 11.4 |
| 85° | 22.3 | 22.1 | 21.9 | 21.6 | 21.3 | 21.0 | 20.6 | 20.3 | 19.9 | 19.5 | 19.0 |
| 82.5° | 30.6 | 30.2 | 29.7 | 29.2 | 28.6 | 28.0 | 27.3 | 26.6 | 25.9 | 25.1 | 24.3 |
| 80° | 40.7 | 40.0 | 39.2 | 38.3 | 37.4 | 36.4 | 35.3 | 34.2 | 32.9 | 31.8 | 30.7 |
| 77.5° | 51.8 | 50.8 | 49.8 | 48.6 | 47.3 | 45.9 | 44.4 | 42.9 | 41.4 | 39.8 | 38.1 |
| 75° | 65.0 | 63.6 | 61.9 | 60.2 | 58.2 | 56.2 | 54.2 | 52.3 | 50.3 | 48.2 | 46.0 |
| 72.5° | 80.9 | 78.8 | 76.5 | 74.0 | 71.3 | 68.7 | 66.1 | 63.4 | 60.4 | 57.4 | 54.4 |
| 70° | 99.9 | 97.0 | 93.8 | 90.2 | 86.8 | 83.5 | 79.8 | 76.0 | 72.0 | 68.2 | 64.5 |
| 67.5° | 122.3 | 118.4 | 114.1 | 109.6 | 105.3 | 100.6 | 95.6 | 90.3 | 85.5 | 80.7 | 75.7 |
| 65° | 161.1 | 150.1 | 137.8 | 132.1 | 126.4 | 120.2 | 113.7 | 107.4 | 101.1 | 94.6 | 88.0 |
| 62.5° | 219.7 | 209.4 | 196.8 | 181.9 | 165.7 | 148.4 | 134.3 | 126.6 | 118.5 | 110.1 | 102.6 |
| 60° | 279.0 | 259.8 | 247.0 | 233.3 | 218.4 | 202.2 | 181.9 | 160.4 | 137.8 | 128.1 | 118.4 |
| 57.5° | 374.7 | 344.2 | 320.9 | 295.4 | 268.0 | 247.0 | 228.5 | 208.9 | 185.3 | 159.5 | 135.4 |
| 55° | 527.7 | 486.3 | 441.1 | 391.9 | 345.0 | 313.0 | 279.0 | 249.7 | 227.4 | 204.2 | 175.2 |
| 52.5° | 687.7 | 640.7 | 588.8 | 532.4 | 474.1 | 412.5 | 349.8 | 311.0 | 270.4 | 240.8 | 214.8 |
| 50° | 806.7 | 769.1 | 727.8 | 678.4 | 612.7 | 542.7 | 471.1 | 397.1 | 334.3 | 288.9 | 249.0 |
| 47.5° | 899.0 | 868.2 | 834.3 | 789.0 | 737.0 | 676.6 | 597.0 | 513.6 | 430.8 | 348.4 | 298.2 |
| 45° | 1156.0 | 1034.7 | 916.5 | 877.0 | 834.5 | 778.4 | 715.7 | 633.7 | 540.5 | 447.8 | 353.1 |
| 42.5° | 2109.7 | 1545.0 | 1196.9 | 1042.1 | 909.7 | 861.5 | 806.4 | 736.4 | 652.2 | 549.6 | 447.8 |
| 40° | 4066.7 | 2875.1 | 2180.9 | 1465.0 | 1144.6 | 957.3 | 877.8 | 820.5 | 743.3 | 652.2 | 540.5 |
| 37.5° | 8111.4 | 5381.5 | 3984.9 | 2645.6 | 1830.1 | 1206.9 | 998.0 | 883.3 | 820.5 | 736.4 | 633.7 |
| 35° | 15729.9 | 11306.6 | 7243.5 | 4740.0 | 3038.5 | 2014.7 | 1227.8 | 998.0 | 877.8 | 806.4 | 715.7 |
| 32.5° | 26819.4 | 20265.2 | 13486.2 | 8838.7 | 5122.3 | 3224.7 | 2014.7 | 1206.9 | 957.3 | 861.5 | 778.4 |
| 30° | 38494.9 | 30892.4 | 23041.3 | 14980.2 | 9375.2 | 5122.3 | 3038.5 | 1830.1 | 1144.6 | 909.7 | 834.5 |
| 27.5° | 48479.1 | 41696.1 | 32978.9 | 23976.2 | 14980.2 | 8838.7 | 4740.0 | 2645.6 | 1465.0 | 1042.1 | 877.0 |
| 25° | 55860.3 | 50361.8 | 42601.9 | 32978.9 | 23041.3 | 13486.2 | 7243.5 | 3984.9 | 2180.9 | 1196.9 | 916.5 |
| 22.5° | 60747.8 | 56433.4 | 50361.8 | 41696.1 | 30892.4 | 20265.2 | 11306.6 | 5381.5 | 2875.1 | 1545.0 | 1034.7 |
| 20° | 64116.0 | 60747.8 | 55860.3 | 48479.1 | 38494.9 | 26819.4 | 15729.9 | 8111.4 | 4066.7 | 2109.7 | 1156.0 |
| 17.5° | 68051.9 | 63674.0 | 59755.8 | 54165.4 | 44785.4 | 33228.1 | 21259.7 | 11259.9 | 5141.6 | 2617.9 | 1265.0 |
| 15° | 72274.1 | 66797.0 | 62370.7 | 57415.1 | 49962.5 | 38978.2 | 26178.2 | 14102.0 | 6558.4 | 3307.7 | 1634.4 |
| 12.5° | 77978.5 | 70001.8 | 64537.9 | 60265.5 | 54029.7 | 43561.5 | 30691.2 | 18023.7 | 8779.3 | 4062.2 | 1989.4 |
| 10° | 83605.6 | 73518.7 | 66842.8 | 61944.1 | 56226.7 | 47037.0 | 34528.6 | 21289.5 | 10624.6 | 4687.9 | 2283.4 |
| 7.5° | 90538.9 | 77114.5 | 68839.6 | 63282.5 | 57975.2 | 49793.6 | 37563.9 | 23866.9 | 12078.1 | 5180.0 | 2514.3 |
| 5° | 95690.0 | 79765.5 | 70303.2 | 64259.2 | 59246.7 | 51792.8 | 39760.3 | 25728.5 | 13126.5 | 5534.5 | 2680.4 |
| 2.5° | 98868.5 | 81391.8 | 71197.3 | 64853.9 | 60019.1 | 53004.8 | 41089.9 | 26854.1 | 13759.7 | 5748.4 | 2780.6 |
| 0° | 99943.6 | 81940.2 | 71498.1 | 65053.7 | 60278.2 | 53411.0 | 41535.1 | 27230.7 | 13971.5 | 5819.9 | 2814.1 |
| -2.5° | 98868.5 | 81391.8 | 71197.3 | 64853.9 | 60019.1 | 53004.8 | 41089.9 | 26854.1 | 13759.7 | 5748.4 | 2780.6 |
| -5° | 95690.0 | 79765.5 | 70303.2 | 64259.2 | 59246.7 | 51792.8 | 39760.3 | 25728.5 | 13126.5 | 5534.5 | 2680.4 |
| -7.5° | 90538.9 | 77114.5 | 68839.6 | 63282.5 | 57975.2 | 49793.6 | 37563.9 | 23866.9 | 12078.1 | 5180.0 | 2514.3 |
| -10° | 83605.6 | 73518.7 | 66842.8 | 61944.1 | 56226.7 | 47037.0 | 34528.6 | 21289.5 | 10624.6 | 4687.9 | 2283.4 |
| -12.5° | 77978.5 | 70001.8 | 64537.9 | 60265.5 | 54029.7 | 43561.5 | 30691.2 | 18023.7 | 8779.3 | 4062.2 | 1989.4 |
| -15° | 72274.1 | 66797.0 | 62370.7 | 57415.1 | 49962.5 | 38978.2 | 26178.2 | 14102.0 | 6558.4 | 3307.7 | 1634.4 |
| -17.5° | 68051.9 | 63674.0 | 59755.8 | 54165.4 | 44785.4 | 33228.1 | 21259.7 | 11259.9 | 5141.6 | 2617.9 | 1265.0 |
| -20° | 64116.0 | 60747.8 | 55860.3 | 48479.1 | 38494.9 | 26819.4 | 15729.9 | 8111.4 | 4066.7 | 2109.7 | 1156.0 |



REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| -22.5° | 60747.8 | 56433.4 | 50361.8 | 41696.1 | 30892.4 | 20265.2 | 11306.6 | 5381.5 | 2875.1 | 1545.0 | 1034.7 |
| -25° | 55860.3 | 50361.8 | 42601.9 | 32978.9 | 23041.3 | 13486.2 | 7243.5 | 3984.9 | 2180.9 | 1196.9 | 916.5 |
| -27.5° | 48479.1 | 41696.1 | 32978.9 | 23976.2 | 14980.2 | 8838.7 | 4740.0 | 2645.6 | 1465.0 | 1042.1 | 877.0 |
| -30° | 38494.9 | 30892.4 | 23041.3 | 14980.2 | 9375.2 | 5122.3 | 3038.5 | 1830.1 | 1144.6 | 909.7 | 834.5 |
| -32.5° | 26819.4 | 20265.2 | 13486.2 | 8838.7 | 5122.3 | 3224.7 | 2014.7 | 1206.9 | 957.3 | 861.5 | 778.4 |
| -35° | 15729.9 | 11306.6 | 7243.5 | 4740.0 | 3038.5 | 2014.7 | 1227.8 | 998.0 | 877.8 | 806.4 | 715.7 |
| -37.5° | 8111.4 | 5381.5 | 3984.9 | 2645.6 | 1830.1 | 1206.9 | 998.0 | 883.3 | 820.5 | 736.4 | 633.7 |
| -40° | 4066.7 | 2875.1 | 2180.9 | 1465.0 | 1144.6 | 957.3 | 877.8 | 820.5 | 743.3 | 652.2 | 540.5 |
| -42.5° | 2109.7 | 1545.0 | 1196.9 | 1042.1 | 909.7 | 861.5 | 806.4 | 736.4 | 652.2 | 549.6 | 447.8 |
| -45° | 1156.0 | 1034.7 | 916.5 | 877.0 | 834.5 | 778.4 | 715.7 | 633.7 | 540.5 | 447.8 | 353.1 |
| -47.5° | 899.0 | 868.2 | 834.3 | 789.0 | 737.0 | 676.6 | 597.0 | 513.6 | 430.8 | 348.4 | 298.2 |
| -50° | 806.7 | 769.1 | 727.8 | 678.4 | 612.7 | 542.7 | 471.1 | 397.1 | 334.3 | 288.9 | 249.0 |
| -52.5° | 687.7 | 640.7 | 588.8 | 532.4 | 474.1 | 412.5 | 349.8 | 311.0 | 270.4 | 240.8 | 214.8 |
| -55° | 527.7 | 486.3 | 441.1 | 391.9 | 345.0 | 313.0 | 279.0 | 249.7 | 227.4 | 204.2 | 175.2 |
| -57.5° | 374.7 | 344.2 | 320.9 | 295.4 | 268.0 | 247.0 | 228.5 | 208.9 | 185.3 | 159.5 | 135.4 |
| -60° | 279.0 | 259.8 | 247.0 | 233.3 | 218.4 | 202.2 | 181.9 | 160.4 | 137.8 | 128.1 | 118.4 |
| -62.5° | 219.7 | 209.4 | 196.8 | 181.9 | 165.7 | 148.4 | 134.3 | 126.6 | 118.5 | 110.1 | 102.6 |
| -65° | 161.1 | 150.1 | 137.8 | 132.1 | 126.4 | 120.2 | 113.7 | 107.4 | 101.1 | 94.6 | 88.0 |
| -67.5° | 122.3 | 118.4 | 114.1 | 109.6 | 105.3 | 100.6 | 95.6 | 90.3 | 85.5 | 80.7 | 75.7 |
| -70° | 99.9 | 97.0 | 93.8 | 90.2 | 86.8 | 83.5 | 79.8 | 76.0 | 72.0 | 68.2 | 64.5 |
| -72.5° | 80.9 | 78.8 | 76.5 | 74.0 | 71.3 | 68.7 | 66.1 | 63.4 | 60.4 | 57.4 | 54.4 |
| -75° | 65.0 | 63.6 | 61.9 | 60.2 | 58.2 | 56.2 | 54.2 | 52.3 | 50.3 | 48.2 | 46.0 |
| -77.5° | 51.8 | 50.8 | 49.8 | 48.6 | 47.3 | 45.9 | 44.4 | 42.9 | 41.4 | 39.8 | 38.1 |
| -80° | 40.7 | 40.0 | 39.2 | 38.3 | 37.4 | 36.4 | 35.3 | 34.2 | 32.9 | 31.8 | 30.7 |
| -82.5° | 30.6 | 30.2 | 29.7 | 29.2 | 28.6 | 28.0 | 27.3 | 26.6 | 25.9 | 25.1 | 24.3 |
| -85° | 22.3 | 22.1 | 21.9 | 21.6 | 21.3 | 21.0 | 20.6 | 20.3 | 19.9 | 19.5 | 19.0 |
| -87.5° | 15.1 | 14.9 | 14.6 | 14.3 | 13.9 | 13.6 | 13.2 | 12.8 | 12.3 | 11.9 | 11.4 |
| -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: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 10.9 | 10.3 | 9.8 | 9.2 | 8.6 | 8.0 | 7.4 | 6.8 | 6.2 | 5.5 | 4.8 |
| 85° | 18.6 | 18.1 | 17.6 | 17.1 | 16.6 | 16.1 | 14.9 | 13.6 | 12.3 | 11.0 | 9.7 |
| 82.5° | 23.4 | 22.7 | 21.9 | 21.2 | 20.4 | 19.6 | 18.8 | 18.0 | 17.1 | 16.3 | 14.5 |
| 80° | 29.5 | 28.3 | 27.1 | 25.8 | 24.5 | 23.1 | 22.1 | 21.0 | 19.8 | 18.7 | 17.5 |
| 77.5° | 36.3 | 34.5 | 32.6 | 31.0 | 29.3 | 27.6 | 25.9 | 24.1 | 22.5 | 21.1 | 19.6 |
| 75° | 43.7 | 41.5 | 39.2 | 36.9 | 34.5 | 32.1 | 30.0 | 27.9 | 25.7 | 23.5 | 21.7 |
| 72.5° | 51.7 | 48.9 | 46.1 | 43.1 | 40.3 | 37.4 | 34.4 | 31.6 | 29.1 | 26.5 | 23.9 |
| 70° | 60.7 | 56.7 | 53.2 | 49.8 | 46.3 | 42.7 | 39.3 | 35.9 | 32.4 | 29.5 | 26.5 |
| 67.5° | 70.5 | 66.0 | 61.4 | 56.6 | 52.4 | 48.4 | 44.3 | 40.3 | 36.4 | 32.4 | 29.1 |
| 65° | 82.2 | 76.2 | 70.0 | 64.7 | 59.3 | 54.0 | 49.5 | 44.8 | 40.3 | 35.9 | 31.6 |
| 62.5° | 94.8 | 87.1 | 80.3 | 73.2 | 66.8 | 60.6 | 54.6 | 49.5 | 44.3 | 39.3 | 34.4 |
| 60° | 108.7 | 99.9 | 90.8 | 82.7 | 74.9 | 67.4 | 60.6 | 54.0 | 48.4 | 42.7 | 37.4 |
| 57.5° | 124.5 | 113.1 | 102.9 | 92.8 | 83.6 | 74.9 | 66.8 | 59.3 | 52.4 | 46.3 | 40.3 |
| 55° | 145.2 | 128.1 | 115.6 | 104.0 | 92.8 | 82.7 | 73.2 | 64.7 | 56.6 | 49.8 | 43.1 |
| 52.5° | 184.7 | 151.5 | 129.4 | 115.6 | 102.9 | 90.8 | 80.3 | 70.0 | 61.4 | 53.2 | 46.1 |
| 50° | 220.2 | 187.9 | 151.5 | 128.1 | 113.1 | 99.9 | 87.1 | 76.2 | 66.0 | 56.7 | 48.9 |
| 47.5° | 251.7 | 220.2 | 184.7 | 145.2 | 124.5 | 108.7 | 94.8 | 82.2 | 70.5 | 60.7 | 51.7 |
| 45° | 298.2 | 249.0 | 214.8 | 175.2 | 135.4 | 118.4 | 102.6 | 88.0 | 75.7 | 64.5 | 54.4 |
| 42.5° | 348.4 | 288.9 | 240.8 | 204.2 | 159.5 | 128.1 | 110.1 | 94.6 | 80.7 | 68.2 | 57.4 |
| 40° | 430.8 | 334.3 | 270.4 | 227.4 | 185.3 | 137.8 | 118.5 | 101.1 | 85.5 | 72.0 | 60.4 |
| 37.5° | 513.6 | 397.1 | 311.0 | 249.7 | 208.9 | 160.4 | 126.6 | 107.4 | 90.3 | 76.0 | 63.4 |
| 35° | 597.0 | 471.1 | 349.8 | 279.0 | 228.5 | 181.9 | 134.3 | 113.7 | 95.6 | 79.8 | 66.1 |
| 32.5° | 676.6 | 542.7 | 412.5 | 313.0 | 247.0 | 202.2 | 148.4 | 120.2 | 100.6 | 83.5 | 68.7 |
| 30° | 737.0 | 612.7 | 474.1 | 345.0 | 268.0 | 218.4 | 165.7 | 126.4 | 105.3 | 86.8 | 71.3 |
| 27.5° | 789.0 | 678.4 | 532.4 | 391.9 | 295.4 | 233.3 | 181.9 | 132.1 | 109.6 | 90.2 | 74.0 |
| 25° | 834.3 | 727.8 | 588.8 | 441.1 | 320.9 | 247.0 | 196.8 | 137.8 | 114.1 | 93.8 | 76.5 |
| 22.5° | 868.2 | 769.1 | 640.7 | 486.3 | 344.2 | 259.8 | 209.4 | 150.1 | 118.4 | 97.0 | 78.8 |
| 20° | 899.0 | 806.7 | 687.7 | 527.7 | 374.7 | 279.0 | 219.7 | 161.1 | 122.3 | 99.9 | 80.9 |
| 17.5° | 938.6 | 836.4 | 720.6 | 566.2 | 408.1 | 296.1 | 228.8 | 171.0 | 125.7 | 102.5 | 82.7 |
| 15° | 1027.0 | 858.8 | 747.7 | 600.0 | 437.3 | 311.0 | 236.8 | 179.6 | 128.7 | 104.7 | 84.3 |
| 12.5° | 1102.8 | 877.9 | 770.9 | 628.8 | 462.2 | 323.8 | 243.7 | 187.0 | 131.3 | 106.6 | 85.7 |
| 10° | 1165.5 | 893.7 | 790.0 | 652.5 | 482.8 | 334.3 | 249.3 | 193.0 | 133.4 | 108.2 | 86.8 |
| 7.5° | 1214.6 | 906.1 | 804.9 | 671.1 | 498.8 | 342.5 | 253.6 | 197.7 | 135.1 | 109.4 | 87.7 |
| 5° | 1250.0 | 915.0 | 815.7 | 684.5 | 510.4 | 348.4 | 256.8 | 201.1 | 136.3 | 110.3 | 88.3 |
| 2.5° | 1271.3 | 920.4 | 822.1 | 692.5 | 517.3 | 351.9 | 258.7 | 203.1 | 137.0 | 110.8 | 88.7 |
| 0° | 1278.4 | 922.2 | 824.3 | 695.2 | 519.6 | 353.1 | 259.3 | 203.8 | 137.2 | 111.0 | 88.8 |
| -2.5° | 1271.3 | 920.4 | 822.1 | 692.5 | 517.3 | 351.9 | 258.7 | 203.1 | 137.0 | 110.8 | 88.7 |
| -5° | 1250.0 | 915.0 | 815.7 | 684.5 | 510.4 | 348.4 | 256.8 | 201.1 | 136.3 | 110.3 | 88.3 |
| -7.5° | 1214.6 | 906.1 | 804.9 | 671.1 | 498.8 | 342.5 | 253.6 | 197.7 | 135.1 | 109.4 | 87.7 |
| -10° | 1165.5 | 893.7 | 790.0 | 652.5 | 482.8 | 334.3 | 249.3 | 193.0 | 133.4 | 108.2 | 86.8 |
| -12.5° | 1102.8 | 877.9 | 770.9 | 628.8 | 462.2 | 323.8 | 243.7 | 187.0 | 131.3 | 106.6 | 85.7 |
| -15° | 1027.0 | 858.8 | 747.7 | 600.0 | 437.3 | 311.0 | 236.8 | 179.6 | 128.7 | 104.7 | 84.3 |
| -17.5° | 938.6 | 836.4 | 720.6 | 566.2 | 408.1 | 296.1 | 228.8 | 171.0 | 125.7 | 102.5 | 82.7 |
| -20° | 899.0 | 806.7 | 687.7 | 527.7 | 374.7 | 279.0 | 219.7 | 161.1 | 122.3 | 99.9 | 80.9 |



REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 868.2 | 769.1 | 640.7 | 486.3 | 344.2 | 259.8 | 209.4 | 150.1 | 118.4 | 97.0 | 78.8 |
| -25° | 834.3 | 727.8 | 588.8 | 441.1 | 320.9 | 247.0 | 196.8 | 137.8 | 114.1 | 93.8 | 76.5 |
| -27.5° | 789.0 | 678.4 | 532.4 | 391.9 | 295.4 | 233.3 | 181.9 | 132.1 | 109.6 | 90.2 | 74.0 |
| -30° | 737.0 | 612.7 | 474.1 | 345.0 | 268.0 | 218.4 | 165.7 | 126.4 | 105.3 | 86.8 | 71.3 |
| -32.5° | 676.6 | 542.7 | 412.5 | 313.0 | 247.0 | 202.2 | 148.4 | 120.2 | 100.6 | 83.5 | 68.7 |
| -35° | 597.0 | 471.1 | 349.8 | 279.0 | 228.5 | 181.9 | 134.3 | 113.7 | 95.6 | 79.8 | 66.1 |
| -37.5° | 513.6 | 397.1 | 311.0 | 249.7 | 208.9 | 160.4 | 126.6 | 107.4 | 90.3 | 76.0 | 63.4 |
| -40° | 430.8 | 334.3 | 270.4 | 227.4 | 185.3 | 137.8 | 118.5 | 101.1 | 85.5 | 72.0 | 60.4 |
| -42.5° | 348.4 | 288.9 | 240.8 | 204.2 | 159.5 | 128.1 | 110.1 | 94.6 | 80.7 | 68.2 | 57.4 |
| -45° | 298.2 | 249.0 | 214.8 | 175.2 | 135.4 | 118.4 | 102.6 | 88.0 | 75.7 | 64.5 | 54.4 |
| -47.5° | 251.7 | 220.2 | 184.7 | 145.2 | 124.5 | 108.7 | 94.8 | 82.2 | 70.5 | 60.7 | 51.7 |
| -50° | 220.2 | 187.9 | 151.5 | 128.1 | 113.1 | 99.9 | 87.1 | 76.2 | 66.0 | 56.7 | 48.9 |
| -52.5° | 184.7 | 151.5 | 129.4 | 115.6 | 102.9 | 90.8 | 80.3 | 70.0 | 61.4 | 53.2 | 46.1 |
| -55° | 145.2 | 128.1 | 115.6 | 104.0 | 92.8 | 82.7 | 73.2 | 64.7 | 56.6 | 49.8 | 43.1 |
| -57.5° | 124.5 | 113.1 | 102.9 | 92.8 | 83.6 | 74.9 | 66.8 | 59.3 | 52.4 | 46.3 | 40.3 |
| -60° | 108.7 | 99.9 | 90.8 | 82.7 | 74.9 | 67.4 | 60.6 | 54.0 | 48.4 | 42.7 | 37.4 |
| -62.5° | 94.8 | 87.1 | 80.3 | 73.2 | 66.8 | 60.6 | 54.6 | 49.5 | 44.3 | 39.3 | 34.4 |
| -65° | 82.2 | 76.2 | 70.0 | 64.7 | 59.3 | 54.0 | 49.5 | 44.8 | 40.3 | 35.9 | 31.6 |
| -67.5° | 70.5 | 66.0 | 61.4 | 56.6 | 52.4 | 48.4 | 44.3 | 40.3 | 36.4 | 32.4 | 29.1 |
| -70° | 60.7 | 56.7 | 53.2 | 49.8 | 46.3 | 42.7 | 39.3 | 35.9 | 32.4 | 29.5 | 26.5 |
| -72.5° | 51.7 | 48.9 | 46.1 | 43.1 | 40.3 | 37.4 | 34.4 | 31.6 | 29.1 | 26.5 | 23.9 |
| -75° | 43.7 | 41.5 | 39.2 | 36.9 | 34.5 | 32.1 | 30.0 | 27.9 | 25.7 | 23.5 | 21.7 |
| -77.5° | 36.3 | 34.5 | 32.6 | 31.0 | 29.3 | 27.6 | 25.9 | 24.1 | 22.5 | 21.1 | 19.6 |
| -80° | 29.5 | 28.3 | 27.1 | 25.8 | 24.5 | 23.1 | 22.1 | 21.0 | 19.8 | 18.7 | 17.5 |
| -82.5° | 23.4 | 22.7 | 21.9 | 21.2 | 20.4 | 19.6 | 18.8 | 18.0 | 17.1 | 16.3 | 14.5 |
| -85° | 18.6 | 18.1 | 17.6 | 17.1 | 16.6 | 16.1 | 14.9 | 13.6 | 12.3 | 11.0 | 9.7 |
| -87.5° | 10.9 | 10.3 | 9.8 | 9.2 | 8.6 | 8.0 | 7.4 | 6.8 | 6.2 | 5.5 | 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: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.2 | 3.5 | 2.8 | 2.1 | 1.4 | 0.7 | 0.0 |
| 85° | 8.3 | 7.0 | 5.6 | 4.2 | 2.8 | 1.4 | 0.0 |
| 82.5° | 12.5 | 10.4 | 8.4 | 6.3 | 4.2 | 2.1 | 0.0 |
| 80° | 16.3 | 13.9 | 11.1 | 8.4 | 5.6 | 2.8 | 0.0 |
| 77.5° | 18.1 | 16.6 | 13.9 | 10.4 | 7.0 | 3.5 | 0.0 |
| 75° | 19.9 | 18.1 | 16.3 | 12.5 | 8.3 | 4.2 | 0.0 |
| 72.5° | 21.7 | 19.6 | 17.5 | 14.5 | 9.7 | 4.8 | 0.0 |
| 70° | 23.5 | 21.1 | 18.7 | 16.3 | 11.0 | 5.5 | 0.0 |
| 67.5° | 25.7 | 22.5 | 19.8 | 17.1 | 12.3 | 6.2 | 0.0 |
| 65° | 27.9 | 24.1 | 21.0 | 18.0 | 13.6 | 6.8 | 0.0 |
| 62.5° | 30.0 | 25.9 | 22.1 | 18.8 | 14.9 | 7.4 | 0.0 |
| 60° | 32.1 | 27.6 | 23.1 | 19.6 | 16.1 | 8.0 | 0.0 |
| 57.5° | 34.5 | 29.3 | 24.5 | 20.4 | 16.6 | 8.6 | 0.0 |
| 55° | 36.9 | 31.0 | 25.8 | 21.2 | 17.1 | 9.2 | 0.0 |
| 52.5° | 39.2 | 32.6 | 27.1 | 21.9 | 17.6 | 9.8 | 0.0 |
| 50° | 41.5 | 34.5 | 28.3 | 22.7 | 18.1 | 10.3 | 0.0 |
| 47.5° | 43.7 | 36.3 | 29.5 | 23.4 | 18.6 | 10.9 | 0.0 |
| 45° | 46.0 | 38.1 | 30.7 | 24.3 | 19.0 | 11.4 | 0.0 |
| 42.5° | 48.2 | 39.8 | 31.8 | 25.1 | 19.5 | 11.9 | 0.0 |
| 40° | 50.3 | 41.4 | 32.9 | 25.9 | 19.9 | 12.3 | 0.0 |
| 37.5° | 52.3 | 42.9 | 34.2 | 26.6 | 20.3 | 12.8 | 0.0 |
| 35° | 54.2 | 44.4 | 35.3 | 27.3 | 20.6 | 13.2 | 0.0 |
| 32.5° | 56.2 | 45.9 | 36.4 | 28.0 | 21.0 | 13.6 | 0.0 |
| 30° | 58.2 | 47.3 | 37.4 | 28.6 | 21.3 | 13.9 | 0.0 |
| 27.5° | 60.2 | 48.6 | 38.3 | 29.2 | 21.6 | 14.3 | 0.0 |
| 25° | 61.9 | 49.8 | 39.2 | 29.7 | 21.9 | 14.6 | 0.0 |
| 22.5° | 63.6 | 50.8 | 40.0 | 30.2 | 22.1 | 14.9 | 0.0 |
| 20° | 65.0 | 51.8 | 40.7 | 30.6 | 22.3 | 15.1 | 0.0 |
| 17.5° | 66.3 | 52.7 | 41.3 | 31.0 | 22.5 | 15.4 | 0.0 |
| 15° | 67.4 | 53.4 | 41.9 | 31.4 | 22.7 | 15.6 | 0.0 |
| 12.5° | 68.4 | 54.0 | 42.3 | 31.6 | 22.9 | 15.7 | 0.0 |
| 10° | 69.2 | 54.6 | 42.7 | 31.9 | 23.0 | 15.9 | 0.0 |
| 7.5° | 69.8 | 55.0 | 43.0 | 32.1 | 23.1 | 16.0 | 0.0 |
| 5° | 70.2 | 55.3 | 43.2 | 32.2 | 23.1 | 16.0 | 0.0 |
| 2.5° | 70.5 | 55.4 | 43.4 | 32.3 | 23.2 | 16.1 | 0.0 |
| 0° | 70.6 | 55.5 | 43.4 | 32.3 | 23.2 | 16.1 | 0.0 |
| -2.5° | 70.5 | 55.4 | 43.4 | 32.3 | 23.2 | 16.1 | 0.0 |
| -5° | 70.2 | 55.3 | 43.2 | 32.2 | 23.1 | 16.0 | 0.0 |
| -7.5° | 69.8 | 55.0 | 43.0 | 32.1 | 23.1 | 16.0 | 0.0 |
| -10° | 69.2 | 54.6 | 42.7 | 31.9 | 23.0 | 15.9 | 0.0 |
| -12.5° | 68.4 | 54.0 | 42.3 | 31.6 | 22.9 | 15.7 | 0.0 |
| -15° | 67.4 | 53.4 | 41.9 | 31.4 | 22.7 | 15.6 | 0.0 |
| -17.5° | 66.3 | 52.7 | 41.3 | 31.0 | 22.5 | 15.4 | 0.0 |
| -20° | 65.0 | 51.8 | 40.7 | 30.6 | 22.3 | 15.1 | 0.0 |



REPORT NUMBER: P699863 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-16-1200L-40-70-4R-S

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|------|-------|-----|
| -22.5° | 63.6 | 50.8 | 40.0 | 30.2 | 22.1 | 14.9 | 0.0 |
| -25° | 61.9 | 49.8 | 39.2 | 29.7 | 21.9 | 14.6 | 0.0 |
| -27.5° | 60.2 | 48.6 | 38.3 | 29.2 | 21.6 | 14.3 | 0.0 |
| -30° | 58.2 | 47.3 | 37.4 | 28.6 | 21.3 | 13.9 | 0.0 |
| -32.5° | 56.2 | 45.9 | 36.4 | 28.0 | 21.0 | 13.6 | 0.0 |
| -35° | 54.2 | 44.4 | 35.3 | 27.3 | 20.6 | 13.2 | 0.0 |
| -37.5° | 52.3 | 42.9 | 34.2 | 26.6 | 20.3 | 12.8 | 0.0 |
| -40° | 50.3 | 41.4 | 32.9 | 25.9 | 19.9 | 12.3 | 0.0 |
| -42.5° | 48.2 | 39.8 | 31.8 | 25.1 | 19.5 | 11.9 | 0.0 |
| -45° | 46.0 | 38.1 | 30.7 | 24.3 | 19.0 | 11.4 | 0.0 |
| -47.5° | 43.7 | 36.3 | 29.5 | 23.4 | 18.6 | 10.9 | 0.0 |
| -50° | 41.5 | 34.5 | 28.3 | 22.7 | 18.1 | 10.3 | 0.0 |
| -52.5° | 39.2 | 32.6 | 27.1 | 21.9 | 17.6 | 9.8 | 0.0 |
| -55° | 36.9 | 31.0 | 25.8 | 21.2 | 17.1 | 9.2 | 0.0 |
| -57.5° | 34.5 | 29.3 | 24.5 | 20.4 | 16.6 | 8.6 | 0.0 |
| -60° | 32.1 | 27.6 | 23.1 | 19.6 | 16.1 | 8.0 | 0.0 |
| -62.5° | 30.0 | 25.9 | 22.1 | 18.8 | 14.9 | 7.4 | 0.0 |
| -65° | 27.9 | 24.1 | 21.0 | 18.0 | 13.6 | 6.8 | 0.0 |
| -67.5° | 25.7 | 22.5 | 19.8 | 17.1 | 12.3 | 6.2 | 0.0 |
| -70° | 23.5 | 21.1 | 18.7 | 16.3 | 11.0 | 5.5 | 0.0 |
| -72.5° | 21.7 | 19.6 | 17.5 | 14.5 | 9.7 | 4.8 | 0.0 |
| -75° | 19.9 | 18.1 | 16.3 | 12.5 | 8.3 | 4.2 | 0.0 |
| -77.5° | 18.1 | 16.6 | 13.9 | 10.4 | 7.0 | 3.5 | 0.0 |
| -80° | 16.3 | 13.9 | 11.1 | 8.4 | 5.6 | 2.8 | 0.0 |
| -82.5° | 12.5 | 10.4 | 8.4 | 6.3 | 4.2 | 2.1 | 0.0 |
| -85° | 8.3 | 7.0 | 5.6 | 4.2 | 2.8 | 1.4 | 0.0 |
| -87.5° | 4.2 | 3.5 | 2.8 | 2.1 | 1.4 | 0.7 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)