

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: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0320N-40-70-2S-CV5**

Issue Date: 11/16/2023

Test Information

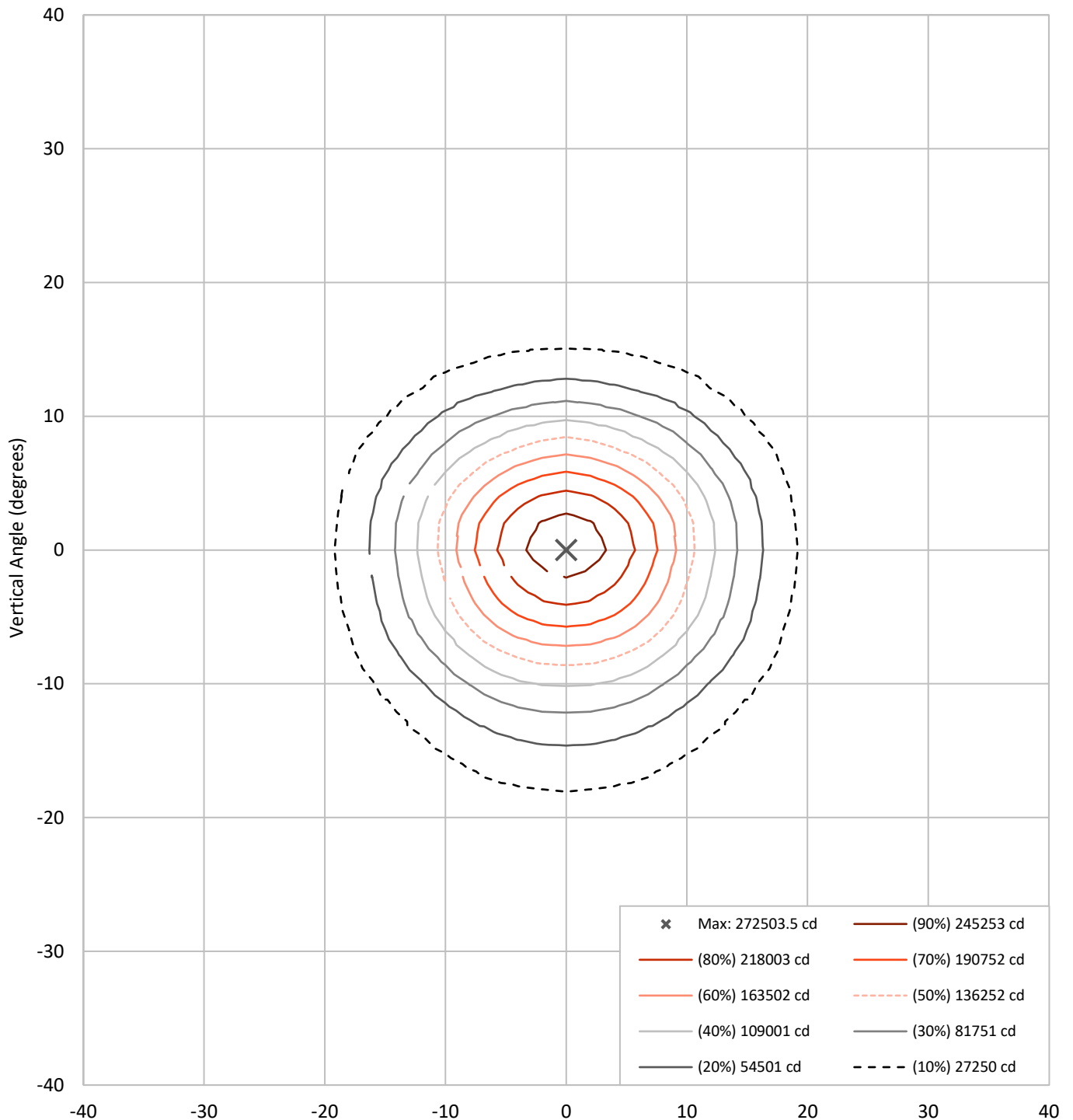
Test Method: LM-79-08
Report Number: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)
Test Lab: INNOVATION CENTER
Issue Date: 11/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08-0320N-40-70-2S-CV5
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-----------------------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 36755.1 lumens | Max Intensity: | 272503.5 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 105.5 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 21.3°H x 17°V | Field Angle (10%): | 38.4°H x 32.9°V |
| Beam Lumens: | 16084.9 lumens | Field Lumens: | 31133.5 lumens |
| Beam Efficiency: | 43.8% | Field Efficiency: | 84.7% |
| Input Watts (W): | 348.5 | | |
| 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: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

Iso-Candela Plot





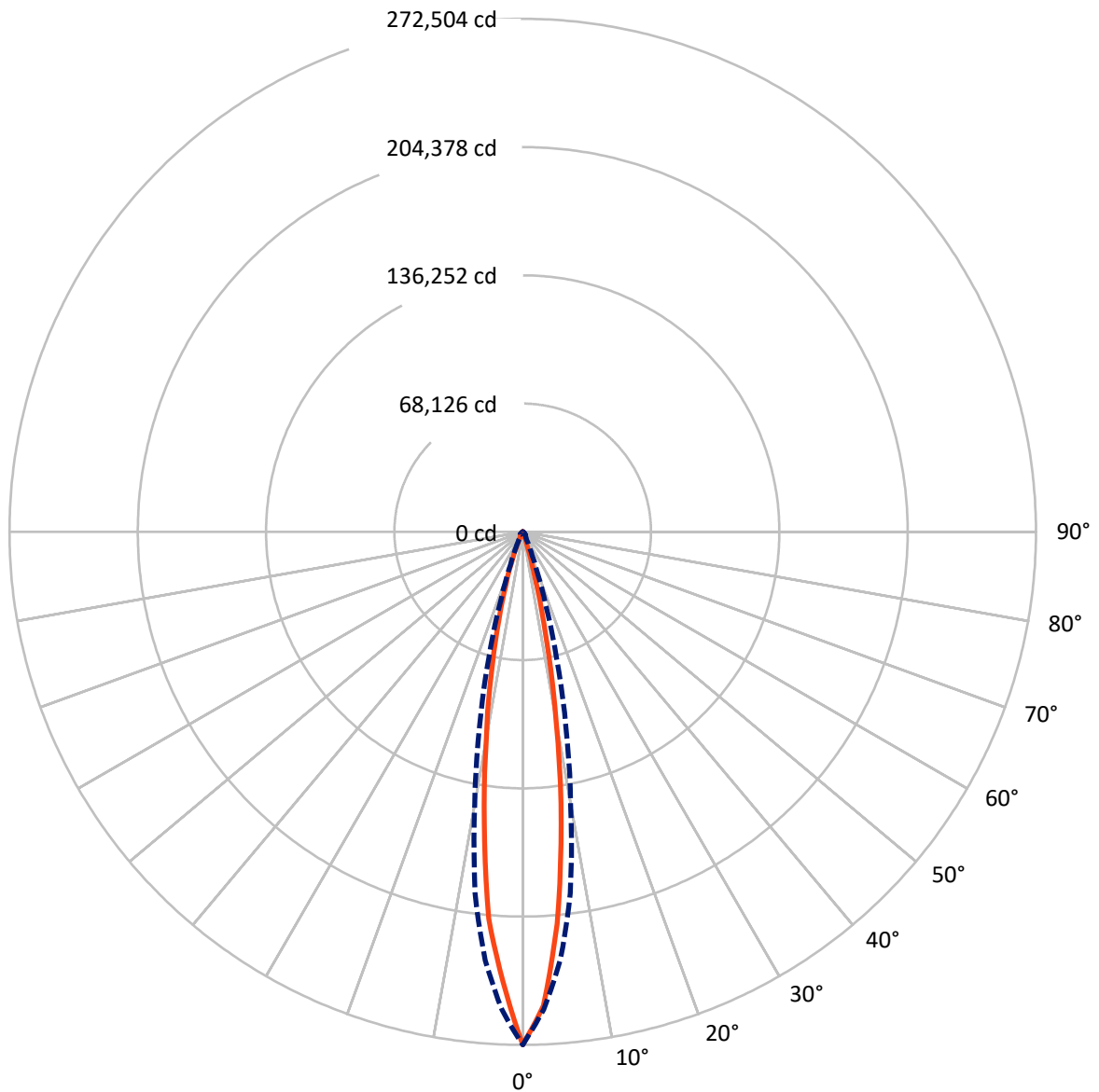
REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

Lumen Table

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|------|------|-------|--------|--------|--------|--------|-------|------|------|-----|-----|-----|--|
| 90 | 0.1 | 0.3 | 0.4 | 0.4 | 0.6 | 0.4 | 0.4 | 0.3 | 0.1 | | | | | | | | |
| 80 | 0.1 | 0.3 | 0.4 | 0.4 | 0.6 | 0.4 | 0.4 | 0.3 | 0.1 | | | | | | | | |
| 70 | 0.1 | 0.1 | 0.1 | 0.4 | 0.5 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 0.4 | 0.1 | 0.1 | 0.1 | |
| 60 | | 0.1 | 0.2 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 0.2 | 0.1 | | |
| 50 | 0.1 | 0.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.1 | 0.1 | |
| 40 | | 0.2 | 0.4 | 0.5 | 1.0 | 1.4 | 1.6 | 1.8 | 1.8 | 1.6 | 1.4 | 1.0 | 0.5 | 0.4 | 0.2 | | |
| 30 | 0.2 | 0.3 | 1.0 | 2.4 | 4.6 | 5.9 | 10.4 | 22.1 | 22.1 | 10.4 | 5.9 | 4.6 | 2.4 | 1.0 | 0.3 | 0.2 | |
| 20 | | 0.7 | 3.4 | 11.3 | 23.6 | 42.8 | 295.7 | 910.8 | 910.8 | 295.7 | 42.8 | 23.6 | 11.3 | 3.4 | 0.7 | | |
| 10 | 0.2 | 1.3 | 7.0 | 27.5 | 55.1 | 174.9 | 1707.2 | 5074.9 | 5074.9 | 1707.2 | 174.9 | 55.1 | 27.5 | 7.0 | 1.3 | 0.2 | |
| 0 | | 1.7 | 8.3 | 32.1 | 62.8 | 182.5 | 1742.6 | 5102.2 | 5102.2 | 1742.6 | 182.5 | 62.8 | 32.1 | 8.3 | 1.7 | | |
| -10 | 0.4 | 1.8 | 7.3 | 24.0 | 48.6 | 78.7 | 481.2 | 1429.4 | 1429.4 | 481.2 | 78.7 | 48.6 | 24.0 | 7.3 | 1.8 | 0.4 | |
| -20 | | 1.7 | 6.1 | 14.2 | 36.1 | 51.3 | 77.5 | 162.7 | 162.7 | 77.5 | 51.3 | 36.1 | 14.2 | 6.1 | 1.7 | | |
| -30 | 0.3 | 1.5 | 5.0 | 9.9 | 22.1 | 42.3 | 53.9 | 57.9 | 57.9 | 53.9 | 42.3 | 22.1 | 9.9 | 5.0 | 1.5 | 0.3 | |
| -40 | | 1.1 | 3.7 | 7.9 | 13.4 | 21.6 | 35.2 | 45.7 | 45.7 | 35.2 | 21.6 | 13.4 | 7.9 | 3.7 | 1.1 | | |
| -50 | 0.2 | 0.5 | 2.1 | 5.0 | 9.0 | 13.2 | 16.3 | 18.1 | 18.1 | 16.3 | 13.2 | 9.0 | 5.0 | 2.1 | 0.5 | 0.2 | |
| -60 | | 0.2 | 0.7 | 2.1 | 4.0 | 6.2 | 8.4 | 9.8 | 9.8 | 8.4 | 6.2 | 4.0 | 2.1 | 0.7 | 0.2 | | |
| -70 | 0.1 | 0.7 | 1.8 | 4.6 | 7.2 | 4.6 | 1.8 | 0.7 | 0.1 | | | | | | | 0.1 | |
| -80 | | 0.1 | 0.7 | 1.8 | 4.6 | 7.2 | 4.6 | 1.8 | 0.7 | 0.1 | | | | | | | |
| -90 | 0.1 | 0.7 | 1.8 | 4.6 | 7.2 | 4.6 | 1.8 | 0.7 | 0.1 | | | | | | | | |

REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

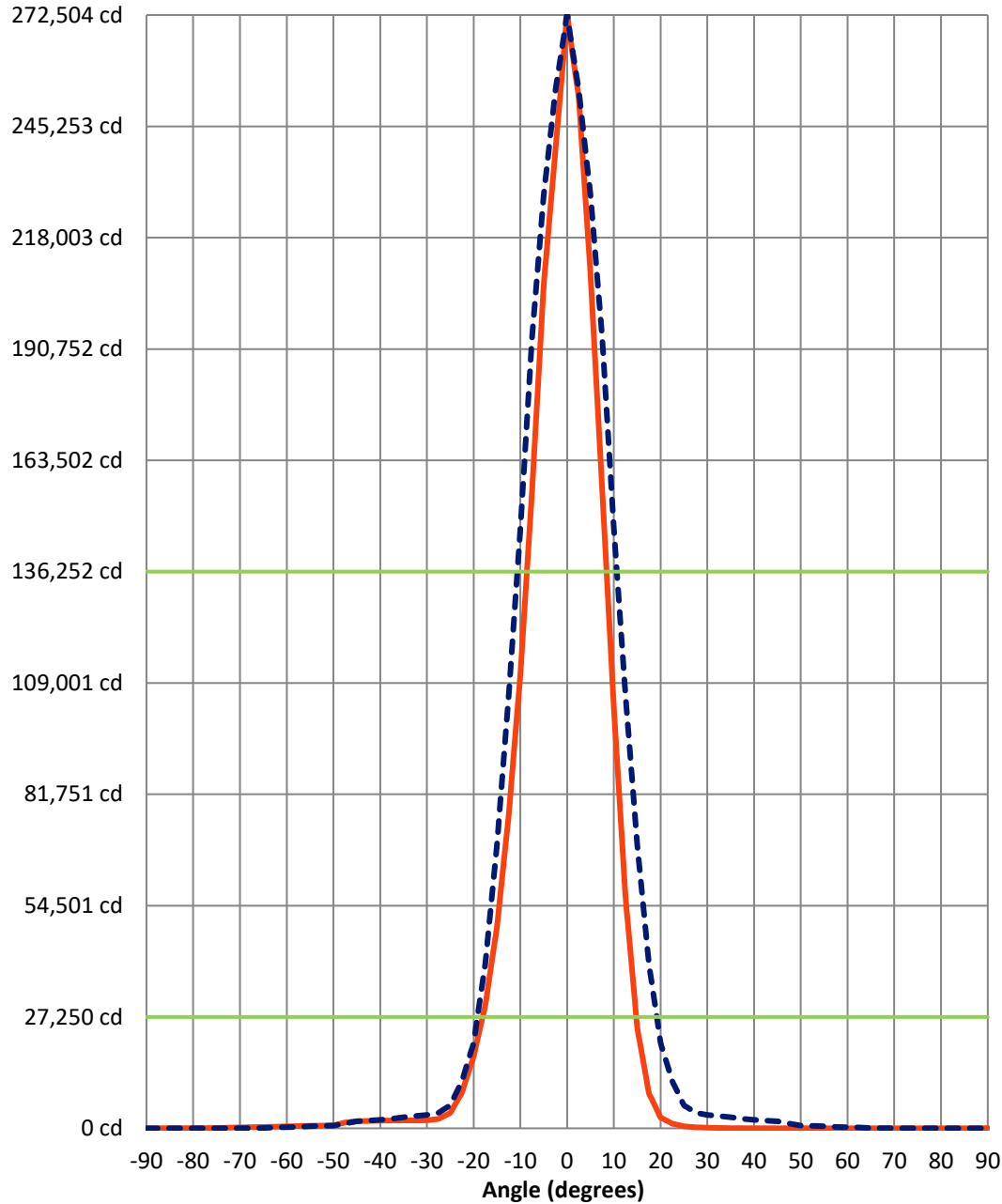
Luminous Intensity Polar Plot



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

REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

Luminous Intensity Plot



Beam:
 H Angle: 21.3°
 V Angle: 17°
 Lumens: 16084.9
 Efficiency: 43.8%

Field:
 H Angle: 38.4°
 V Angle: 32.9°
 Lumens: 31133.5
 Efficiency: 84.7%

Spill:
 Lumens: 5621.6
 Efficiency: 15.3%

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



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| 90° | 4.5 | 4.5 | 4.5 | 4.8 | 5.1 | 5.4 | 5.7 | 6.0 | 6.3 | 6.5 | 6.8 |
| 87.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.3 | 4.1 | 4.0 | 3.9 |
| 85° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.4 | 4.3 | 4.3 | 4.3 |
| 82.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 80° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 77.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 75° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 72.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 | 4.7 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 |
| 70° | 4.5 | 4.5 | 4.5 | 4.5 | 4.7 | 4.8 | 4.6 | 4.5 | 4.5 | 4.5 | 4.6 |
| 67.5° | 4.5 | 4.5 | 4.5 | 4.6 | 4.9 | 4.9 | 4.6 | 4.5 | 4.5 | 4.7 | 4.6 |
| 65° | 4.5 | 4.5 | 4.5 | 4.8 | 5.0 | 4.9 | 4.7 | 4.5 | 4.8 | 4.9 | 4.8 |
| 62.5° | 4.5 | 4.5 | 4.5 | 4.9 | 5.1 | 5.0 | 4.7 | 4.7 | 5.0 | 5.1 | 4.8 |
| 60° | 4.5 | 4.5 | 4.5 | 5.0 | 5.3 | 5.0 | 4.7 | 5.0 | 5.3 | 5.1 | 4.9 |
| 57.5° | 4.5 | 4.5 | 4.6 | 5.1 | 5.3 | 5.0 | 5.0 | 5.4 | 5.5 | 5.2 | 5.2 |
| 55° | 4.5 | 4.5 | 4.7 | 5.3 | 5.3 | 5.1 | 5.3 | 5.7 | 5.5 | 5.3 | 5.7 |
| 52.5° | 4.5 | 4.5 | 4.8 | 5.4 | 5.3 | 5.1 | 5.6 | 5.8 | 5.6 | 5.8 | 6.2 |
| 50° | 4.5 | 4.5 | 4.8 | 5.5 | 5.4 | 5.4 | 5.9 | 5.9 | 5.7 | 6.2 | 7.1 |
| 47.5° | 4.5 | 4.5 | 4.9 | 5.6 | 5.4 | 5.6 | 6.1 | 6.1 | 6.1 | 6.6 | 7.9 |
| 45° | 4.5 | 4.5 | 5.0 | 5.7 | 5.4 | 5.8 | 6.3 | 6.2 | 6.5 | 7.1 | 8.5 |
| 42.5° | 4.5 | 4.5 | 5.1 | 5.7 | 5.5 | 6.0 | 6.4 | 6.5 | 6.9 | 7.5 | 9.4 |
| 40° | 4.5 | 4.5 | 5.1 | 5.7 | 5.6 | 6.3 | 6.6 | 6.9 | 7.3 | 7.7 | 10.3 |
| 37.5° | 4.5 | 4.5 | 5.2 | 5.7 | 5.8 | 6.5 | 6.8 | 7.2 | 7.9 | 8.5 | 11.0 |
| 35° | 4.5 | 4.5 | 5.3 | 5.8 | 5.9 | 6.6 | 7.0 | 7.6 | 8.5 | 9.8 | 11.4 |
| 32.5° | 4.5 | 4.5 | 5.3 | 5.8 | 6.1 | 6.8 | 7.2 | 7.9 | 9.1 | 11.0 | 12.4 |
| 30° | 4.5 | 4.5 | 5.4 | 5.9 | 6.2 | 7.0 | 7.5 | 8.3 | 9.8 | 12.2 | 13.6 |
| 27.5° | 4.5 | 4.5 | 5.4 | 5.9 | 6.3 | 7.1 | 7.8 | 8.8 | 10.7 | 13.4 | 14.9 |
| 25° | 4.5 | 4.5 | 5.5 | 6.0 | 6.4 | 7.3 | 8.1 | 9.4 | 11.7 | 14.6 | 16.5 |
| 22.5° | 4.5 | 4.5 | 5.5 | 6.1 | 6.5 | 7.5 | 8.3 | 10.0 | 12.7 | 15.8 | 19.6 |
| 20° | 4.5 | 4.5 | 5.6 | 6.1 | 6.6 | 7.6 | 8.6 | 10.6 | 13.7 | 17.1 | 23.1 |
| 17.5° | 4.5 | 4.5 | 5.6 | 6.2 | 6.7 | 7.6 | 8.8 | 11.2 | 14.6 | 18.5 | 26.8 |
| 15° | 4.5 | 4.5 | 5.6 | 6.3 | 6.7 | 7.7 | 9.0 | 11.7 | 15.5 | 19.9 | 30.7 |
| 12.5° | 4.5 | 4.5 | 5.6 | 6.4 | 6.8 | 7.8 | 9.2 | 12.2 | 16.4 | 21.3 | 34.7 |
| 10° | 4.5 | 4.5 | 5.7 | 6.5 | 6.8 | 7.8 | 9.5 | 12.5 | 17.3 | 23.7 | 39.4 |
| 7.5° | 4.5 | 4.5 | 5.7 | 6.6 | 6.8 | 7.9 | 9.7 | 12.9 | 18.2 | 26.3 | 45.7 |
| 5° | 4.5 | 4.5 | 5.7 | 6.6 | 6.8 | 7.9 | 9.9 | 13.2 | 19.0 | 29.0 | 52.0 |
| 2.5° | 4.5 | 4.5 | 5.7 | 6.7 | 6.8 | 7.9 | 10.0 | 13.4 | 19.7 | 31.6 | 57.9 |
| 0° | 4.5 | 4.5 | 5.7 | 6.8 | 6.8 | 7.9 | 10.2 | 13.6 | 20.4 | 34.0 | 63.5 |
| -2.5° | 4.5 | 4.5 | 5.7 | 6.9 | 7.0 | 8.1 | 11.1 | 16.2 | 25.7 | 42.1 | 73.7 |
| -5° | 4.5 | 4.6 | 5.8 | 6.9 | 7.2 | 8.4 | 11.9 | 18.8 | 30.8 | 49.8 | 83.3 |
| -7.5° | 4.5 | 4.6 | 5.8 | 7.0 | 7.4 | 8.6 | 12.7 | 21.1 | 35.5 | 57.0 | 92.0 |
| -10° | 4.5 | 4.6 | 5.9 | 7.0 | 7.6 | 8.8 | 13.4 | 23.2 | 39.7 | 63.5 | 99.8 |
| -12.5° | 4.5 | 4.6 | 5.9 | 7.1 | 7.8 | 9.0 | 13.9 | 24.9 | 43.4 | 69.3 | 106.5 |
| -15° | 4.5 | 4.7 | 5.9 | 7.1 | 7.9 | 9.2 | 14.4 | 26.3 | 46.7 | 74.2 | 112.1 |
| -17.5° | 4.5 | 4.7 | 5.9 | 7.1 | 8.1 | 9.4 | 14.6 | 27.7 | 49.7 | 78.3 | 116.4 |
| -20° | 4.5 | 4.7 | 5.9 | 7.2 | 8.2 | 9.6 | 14.9 | 28.9 | 51.9 | 81.6 | 119.5 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 4.5 | 4.7 | 5.9 | 7.2 | 8.3 | 9.7 | 15.3 | 29.5 | 53.3 | 83.9 | 121.2 |
| -25° | 4.5 | 4.7 | 5.9 | 7.2 | 8.4 | 9.9 | 15.3 | 29.5 | 53.8 | 85.3 | 121.5 |
| -27.5° | 4.5 | 4.7 | 5.9 | 7.2 | 8.4 | 10.1 | 15.1 | 28.8 | 53.5 | 85.7 | 122.5 |
| -30° | 4.5 | 4.8 | 5.9 | 7.2 | 8.5 | 10.2 | 14.5 | 27.3 | 52.5 | 85.1 | 122.3 |
| -32.5° | 4.5 | 4.8 | 5.9 | 7.2 | 8.5 | 10.3 | 13.6 | 26.3 | 50.8 | 83.2 | 120.8 |
| -35° | 4.5 | 4.8 | 5.9 | 7.2 | 8.5 | 10.3 | 13.3 | 25.2 | 47.9 | 80.1 | 118.0 |
| -37.5° | 4.5 | 4.8 | 5.9 | 7.1 | 8.5 | 10.2 | 13.3 | 23.6 | 43.9 | 75.7 | 109.7 |
| -40° | 4.5 | 4.8 | 5.9 | 7.1 | 8.5 | 10.2 | 13.1 | 21.4 | 38.9 | 70.1 | 100.1 |
| -42.5° | 4.5 | 4.8 | 5.8 | 7.1 | 8.4 | 10.2 | 12.9 | 18.7 | 34.9 | 61.3 | 89.5 |
| -45° | 4.5 | 4.8 | 5.8 | 7.0 | 8.4 | 10.1 | 12.5 | 16.7 | 31.1 | 51.6 | 78.0 |
| -47.5° | 4.5 | 4.8 | 5.8 | 7.0 | 8.3 | 10.0 | 12.0 | 16.1 | 26.7 | 41.3 | 66.4 |
| -50° | 4.5 | 4.8 | 5.7 | 6.9 | 8.2 | 9.8 | 11.7 | 15.3 | 21.1 | 35.0 | 54.1 |
| -52.5° | 4.5 | 4.8 | 5.7 | 6.8 | 8.1 | 9.6 | 11.5 | 14.3 | 18.3 | 28.3 | 41.8 |
| -55° | 4.5 | 4.8 | 5.6 | 6.7 | 8.0 | 9.5 | 11.2 | 13.3 | 16.9 | 21.3 | 33.9 |
| -57.5° | 4.5 | 4.8 | 5.6 | 6.6 | 7.8 | 9.2 | 10.9 | 12.9 | 15.4 | 18.5 | 25.8 |
| -60° | 4.5 | 4.8 | 5.5 | 6.5 | 7.6 | 9.0 | 10.6 | 12.4 | 14.0 | 16.8 | 19.5 |
| -62.5° | 4.5 | 4.7 | 5.5 | 6.4 | 7.4 | 8.7 | 10.2 | 11.8 | 13.3 | 15.2 | 17.7 |
| -65° | 4.5 | 4.7 | 5.4 | 6.2 | 7.2 | 8.4 | 9.8 | 11.2 | 12.6 | 14.1 | 16.0 |
| -67.5° | 4.5 | 4.7 | 5.3 | 6.1 | 7.0 | 8.1 | 9.4 | 10.7 | 11.8 | 13.1 | 14.6 |
| -70° | 4.5 | 4.7 | 5.3 | 6.0 | 6.8 | 7.8 | 9.0 | 10.2 | 11.2 | 12.1 | 13.4 |
| -72.5° | 4.5 | 4.7 | 5.2 | 5.8 | 6.5 | 7.4 | 8.5 | 9.6 | 10.7 | 11.5 | 12.3 |
| -75° | 4.5 | 4.6 | 5.1 | 5.7 | 6.3 | 7.0 | 7.9 | 9.0 | 10.1 | 11.0 | 11.8 |
| -77.5° | 4.5 | 4.6 | 5.0 | 5.5 | 6.1 | 6.6 | 7.4 | 8.4 | 9.4 | 10.4 | 11.3 |
| -80° | 4.5 | 4.6 | 4.9 | 5.4 | 5.9 | 6.3 | 6.8 | 7.8 | 8.7 | 9.6 | 10.5 |
| -82.5° | 4.5 | 4.6 | 4.8 | 5.3 | 5.7 | 6.1 | 6.5 | 7.2 | 8.0 | 8.8 | 9.6 |
| -85° | 4.5 | 4.6 | 4.7 | 5.1 | 5.5 | 5.9 | 6.3 | 6.8 | 7.4 | 8.0 | 8.7 |
| -87.5° | 4.5 | 4.5 | 4.6 | 5.0 | 5.3 | 5.6 | 6.0 | 6.4 | 6.8 | 7.3 | 7.8 |
| -90° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.2 | 4.0 | 3.7 | 3.4 |



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 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| 90° | 6.8 | 6.8 | 6.8 | 6.8 | 7.1 | 7.4 | 7.6 | 7.9 | 8.2 | 8.5 | 8.8 |
| 87.5° | 3.8 | 3.7 | 3.5 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.1 | 2.9 | 2.6 |
| 85° | 4.2 | 4.0 | 3.7 | 3.6 | 3.6 | 3.6 | 3.5 | 3.4 | 3.3 | 3.1 | 3.1 |
| 82.5° | 4.3 | 4.2 | 4.2 | 4.2 | 4.1 | 3.9 | 3.7 | 3.4 | 3.4 | 3.4 | 3.4 |
| 80° | 4.5 | 4.5 | 4.5 | 4.5 | 4.3 | 4.0 | 3.7 | 3.4 | 3.4 | 3.4 | 3.5 |
| 77.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.3 | 4.1 | 4.0 | 4.0 | 4.0 | 3.9 | 3.7 |
| 75° | 4.5 | 4.5 | 4.5 | 4.5 | 4.4 | 4.4 | 4.5 | 4.5 | 4.4 | 4.3 | 4.3 |
| 72.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 5.4 | 6.7 | 7.6 |
| 70° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.9 | 6.6 | 8.8 | 11.0 | 12.3 | 13.7 |
| 67.5° | 4.5 | 4.5 | 4.5 | 4.7 | 5.9 | 7.8 | 10.3 | 15.1 | 20.5 | 22.1 | 22.0 |
| 65° | 4.5 | 4.5 | 5.1 | 6.2 | 7.7 | 11.6 | 16.8 | 23.1 | 28.0 | 27.2 | 25.2 |
| 62.5° | 4.5 | 5.1 | 6.1 | 8.1 | 11.2 | 16.0 | 20.9 | 25.5 | 30.3 | 29.0 | 24.7 |
| 60° | 5.0 | 5.7 | 7.8 | 11.0 | 14.4 | 17.7 | 22.4 | 25.4 | 27.9 | 28.1 | 21.6 |
| 57.5° | 5.5 | 7.0 | 10.2 | 13.4 | 16.1 | 18.2 | 20.2 | 22.5 | 23.3 | 22.8 | 16.6 |
| 55° | 6.5 | 8.8 | 12.1 | 15.1 | 16.9 | 15.9 | 16.9 | 17.4 | 17.1 | 15.6 | 10.9 |
| 52.5° | 7.9 | 10.5 | 13.8 | 16.2 | 16.2 | 14.2 | 12.7 | 12.7 | 11.6 | 9.5 | 8.1 |
| 50° | 9.1 | 12.1 | 15.3 | 16.6 | 15.4 | 12.2 | 9.6 | 9.3 | 8.5 | 7.6 | 6.8 |
| 47.5° | 10.4 | 13.6 | 16.4 | 16.9 | 13.8 | 11.2 | 8.8 | 8.0 | 7.5 | 7.4 | 7.1 |
| 45° | 11.6 | 14.5 | 17.5 | 15.6 | 13.0 | 11.1 | 9.5 | 7.9 | 8.1 | 8.1 | 7.7 |
| 42.5° | 12.6 | 15.1 | 16.5 | 14.6 | 13.3 | 12.0 | 10.8 | 9.7 | 9.1 | 9.2 | 9.2 |
| 40° | 13.1 | 15.5 | 15.7 | 15.3 | 14.1 | 13.7 | 13.5 | 12.6 | 10.7 | 11.6 | 11.9 |
| 37.5° | 13.2 | 15.3 | 16.1 | 17.3 | 15.9 | 16.4 | 16.9 | 17.1 | 15.8 | 15.0 | 17.2 |
| 35° | 13.2 | 15.6 | 18.8 | 20.6 | 19.7 | 20.2 | 22.1 | 22.9 | 22.4 | 22.1 | 26.2 |
| 32.5° | 13.5 | 16.4 | 22.6 | 24.7 | 26.1 | 26.7 | 28.4 | 30.0 | 31.6 | 34.1 | 41.9 |
| 30° | 15.1 | 19.9 | 27.0 | 29.4 | 33.9 | 38.7 | 37.4 | 38.3 | 42.5 | 57.9 | 71.2 |
| 27.5° | 18.4 | 24.8 | 31.5 | 36.4 | 43.8 | 54.1 | 55.7 | 51.2 | 64.6 | 88.1 | 110.0 |
| 25° | 22.3 | 39.9 | 36.4 | 44.9 | 58.8 | 72.7 | 79.2 | 82.2 | 98.0 | 129.6 | 154.3 |
| 22.5° | 30.7 | 60.1 | 58.6 | 54.2 | 76.1 | 94.3 | 110.2 | 141.9 | 186.4 | 196.4 | 201.6 |
| 20° | 45.5 | 80.1 | 85.8 | 90.3 | 102.2 | 118.7 | 146.2 | 221.9 | 316.6 | 351.5 | 315.3 |
| 17.5° | 63.0 | 102.0 | 116.1 | 136.9 | 164.0 | 169.2 | 191.9 | 317.4 | 480.3 | 537.2 | 548.2 |
| 15° | 82.6 | 125.4 | 148.4 | 189.0 | 230.2 | 249.8 | 316.0 | 471.9 | 659.5 | 752.3 | 816.7 |
| 12.5° | 103.7 | 150.0 | 182.0 | 245.4 | 299.9 | 330.9 | 472.1 | 709.8 | 889.8 | 998.3 | 1168.1 |
| 10° | 125.6 | 175.4 | 216.6 | 304.6 | 372.0 | 411.9 | 644.5 | 955.5 | 1136.9 | 1260.2 | 1478.7 |
| 7.5° | 148.3 | 199.8 | 250.9 | 365.1 | 445.3 | 492.5 | 826.1 | 1203.3 | 1377.4 | 1511.8 | 1731.9 |
| 5° | 170.1 | 222.3 | 281.4 | 416.0 | 506.2 | 562.3 | 994.3 | 1446.5 | 1611.1 | 1753.6 | 1950.7 |
| 2.5° | 190.1 | 243.9 | 311.0 | 462.8 | 557.3 | 614.9 | 1090.1 | 1585.5 | 1760.0 | 1929.7 | 2145.6 |
| 0° | 207.5 | 264.2 | 339.0 | 505.7 | 605.4 | 665.5 | 1167.8 | 1706.3 | 1886.6 | 2071.4 | 2329.9 |
| -2.5° | 210.1 | 270.3 | 347.7 | 501.7 | 596.5 | 657.7 | 1147.4 | 1687.7 | 1906.9 | 2122.5 | 2392.4 |
| -5° | 209.9 | 274.8 | 354.1 | 493.8 | 584.8 | 647.6 | 1107.5 | 1645.1 | 1899.5 | 2113.3 | 2366.7 |
| -7.5° | 207.5 | 277.5 | 358.0 | 482.2 | 566.7 | 624.9 | 1030.7 | 1540.4 | 1807.1 | 1995.5 | 2239.0 |
| -10° | 203.4 | 276.6 | 352.5 | 462.4 | 541.1 | 594.3 | 932.7 | 1416.7 | 1709.9 | 1875.1 | 2091.6 |
| -12.5° | 198.1 | 272.6 | 344.1 | 441.3 | 516.0 | 562.9 | 818.9 | 1276.5 | 1610.4 | 1755.6 | 1932.8 |
| -15° | 191.9 | 267.7 | 334.2 | 419.6 | 492.5 | 531.3 | 690.8 | 1121.9 | 1512.2 | 1662.9 | 1801.7 |
| -17.5° | 185.4 | 261.8 | 322.9 | 398.1 | 471.4 | 499.8 | 552.5 | 953.4 | 1372.4 | 1562.1 | 1702.7 |
| -20° | 179.0 | 255.3 | 310.5 | 377.4 | 451.4 | 479.1 | 513.2 | 791.3 | 1169.0 | 1445.7 | 1594.4 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|
| -22.5° | 172.9 | 248.1 | 298.8 | 360.5 | 429.0 | 467.7 | 494.1 | 632.8 | 954.4 | 1315.6 | 1478.8 |
| -25° | 170.5 | 237.6 | 289.1 | 344.8 | 407.6 | 457.3 | 476.3 | 499.6 | 758.8 | 1104.9 | 1361.7 |
| -27.5° | 170.1 | 228.7 | 278.3 | 327.8 | 386.3 | 443.7 | 463.6 | 480.7 | 612.9 | 893.4 | 1226.3 |
| -30° | 167.8 | 216.6 | 266.3 | 311.0 | 366.0 | 419.7 | 453.7 | 472.7 | 502.4 | 719.2 | 996.3 |
| -32.5° | 160.5 | 203.9 | 252.1 | 296.6 | 344.9 | 396.6 | 445.6 | 468.9 | 493.3 | 552.9 | 785.0 |
| -35° | 150.9 | 192.2 | 237.0 | 280.9 | 323.2 | 374.2 | 424.5 | 465.8 | 484.2 | 511.9 | 608.7 |
| -37.5° | 141.9 | 179.3 | 221.5 | 264.0 | 304.9 | 351.0 | 401.9 | 448.2 | 480.3 | 501.8 | 536.3 |
| -40° | 131.7 | 165.2 | 205.9 | 246.7 | 285.9 | 327.9 | 375.1 | 423.0 | 466.3 | 503.3 | 529.9 |
| -42.5° | 120.3 | 152.7 | 189.3 | 228.7 | 265.6 | 305.2 | 347.0 | 393.4 | 442.5 | 493.2 | 530.9 |
| -45° | 107.5 | 138.8 | 171.9 | 207.7 | 243.4 | 280.6 | 320.2 | 361.8 | 411.6 | 463.3 | 513.5 |
| -47.5° | 93.4 | 123.6 | 155.0 | 185.2 | 219.2 | 254.2 | 291.2 | 331.9 | 376.0 | 424.9 | 476.6 |
| -50° | 78.7 | 106.8 | 136.0 | 164.0 | 193.4 | 226.1 | 260.2 | 299.2 | 340.2 | 383.1 | 429.4 |
| -52.5° | 64.4 | 88.8 | 115.8 | 142.7 | 168.8 | 196.7 | 228.7 | 263.7 | 301.6 | 341.1 | 379.9 |
| -55° | 49.3 | 71.5 | 94.7 | 120.1 | 145.3 | 169.4 | 196.1 | 227.6 | 260.0 | 295.9 | 330.3 |
| -57.5° | 37.8 | 54.0 | 74.5 | 96.3 | 120.0 | 143.7 | 167.6 | 191.4 | 219.9 | 249.8 | 278.0 |
| -60° | 28.3 | 39.5 | 54.8 | 73.8 | 93.3 | 115.6 | 139.2 | 161.6 | 183.4 | 204.0 | 228.4 |
| -62.5° | 20.0 | 28.8 | 39.0 | 51.8 | 69.1 | 86.8 | 107.1 | 128.7 | 150.7 | 168.5 | 184.8 |
| -65° | 18.2 | 20.1 | 27.0 | 36.3 | 45.5 | 61.1 | 77.2 | 93.3 | 112.0 | 129.3 | 145.4 |
| -67.5° | 16.3 | 18.1 | 19.9 | 23.0 | 31.4 | 40.3 | 49.3 | 63.5 | 77.4 | 89.8 | 102.0 |
| -70° | 14.8 | 16.1 | 17.6 | 19.2 | 20.9 | 24.7 | 32.5 | 40.4 | 48.2 | 57.3 | 68.1 |
| -72.5° | 13.4 | 14.7 | 15.8 | 16.8 | 18.3 | 20.1 | 22.0 | 24.0 | 28.5 | 34.8 | 41.3 |
| -75° | 12.5 | 13.4 | 14.5 | 15.5 | 16.4 | 17.4 | 18.6 | 20.3 | 21.8 | 23.2 | 24.4 |
| -77.5° | 11.8 | 12.4 | 13.1 | 14.1 | 14.8 | 15.4 | 16.1 | 17.0 | 18.1 | 19.3 | 20.6 |
| -80° | 10.9 | 11.3 | 11.7 | 12.2 | 12.8 | 13.2 | 13.7 | 14.1 | 14.7 | 15.5 | 16.4 |
| -82.5° | 9.9 | 10.2 | 10.4 | 10.7 | 10.9 | 11.1 | 11.4 | 11.7 | 12.1 | 12.5 | 12.9 |
| -85° | 8.9 | 9.1 | 9.3 | 9.4 | 9.4 | 9.3 | 9.3 | 9.3 | 9.5 | 9.7 | 9.9 |
| -87.5° | 7.9 | 7.9 | 8.0 | 8.1 | 8.1 | 8.1 | 8.0 | 7.9 | 8.0 | 8.0 | 8.1 |
| -90° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.1 | 2.9 | 2.6 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|----------|----------|
| 90° | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 12.2 | 15.3 | 18.4 | 21.5 | 26.9 | 32.3 |
| 87.5° | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.0 | 1.7 | 1.4 | 1.1 | 1.1 | 1.1 |
| 85° | 3.0 | 2.9 | 2.7 | 2.5 | 2.3 | 2.3 | 2.2 | 2.2 | 2.2 | 2.0 | 1.7 |
| 82.5° | 3.4 | 3.1 | 2.9 | 2.6 | 2.3 | 2.1 | 1.8 | 1.5 | 1.2 | 1.2 | 1.1 |
| 80° | 3.4 | 3.2 | 2.9 | 2.6 | 2.3 | 2.2 | 2.2 | 2.1 | 2.1 | 2.2 | 2.2 |
| 77.5° | 3.6 | 3.4 | 3.1 | 2.8 | 2.4 | 2.3 | 2.3 | 2.3 | 2.3 | 2.1 | 1.8 |
| 75° | 4.4 | 4.3 | 4.2 | 4.0 | 3.5 | 3.3 | 3.1 | 2.8 | 2.4 | 2.3 | 2.2 |
| 72.5° | 8.0 | 8.0 | 7.6 | 7.1 | 6.2 | 5.7 | 5.5 | 5.3 | 5.0 | 4.9 | 4.8 |
| 70° | 14.3 | 14.0 | 13.2 | 11.6 | 9.5 | 8.0 | 7.4 | 6.7 | 6.0 | 5.7 | 5.6 |
| 67.5° | 20.1 | 17.8 | 15.7 | 13.5 | 10.8 | 8.8 | 7.7 | 6.6 | 5.4 | 4.8 | 4.7 |
| 65° | 22.2 | 17.8 | 14.7 | 12.3 | 10.3 | 8.5 | 7.0 | 5.6 | 4.4 | 3.8 | 3.9 |
| 62.5° | 20.0 | 14.7 | 11.5 | 9.4 | 7.8 | 6.6 | 5.4 | 4.5 | 3.8 | 3.4 | 3.5 |
| 60° | 15.9 | 10.8 | 7.9 | 6.6 | 5.5 | 4.6 | 4.0 | 3.5 | 3.0 | 2.7 | 2.8 |
| 57.5° | 11.5 | 7.7 | 5.6 | 5.2 | 4.5 | 3.8 | 3.2 | 3.1 | 3.0 | 3.0 | 3.2 |
| 55° | 7.8 | 6.4 | 5.7 | 5.1 | 4.5 | 3.8 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 52.5° | 6.5 | 6.1 | 5.8 | 5.3 | 4.7 | 4.0 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 50° | 6.5 | 6.2 | 5.9 | 5.5 | 4.9 | 4.2 | 3.5 | 3.5 | 3.8 | 4.0 | 4.0 |
| 47.5° | 6.6 | 6.3 | 6.1 | 5.7 | 5.2 | 4.9 | 4.5 | 4.6 | 5.0 | 5.2 | 5.1 |
| 45° | 6.9 | 7.0 | 6.9 | 6.8 | 6.4 | 6.5 | 6.5 | 6.6 | 8.1 | 8.0 | 7.0 |
| 42.5° | 8.5 | 9.1 | 9.6 | 9.9 | 8.5 | 11.0 | 14.9 | 16.7 | 14.6 | 11.8 | 10.0 |
| 40° | 12.8 | 13.4 | 16.1 | 17.4 | 21.4 | 25.2 | 21.7 | 17.6 | 15.8 | 17.1 | 18.2 |
| 37.5° | 20.4 | 24.2 | 29.5 | 35.6 | 33.1 | 26.4 | 26.5 | 26.5 | 25.8 | 28.0 | 28.0 |
| 35° | 34.2 | 42.8 | 48.1 | 46.9 | 43.4 | 41.4 | 43.3 | 45.2 | 40.8 | 44.7 | 45.8 |
| 32.5° | 54.9 | 65.3 | 66.7 | 63.2 | 63.4 | 66.8 | 73.0 | 72.1 | 73.5 | 78.0 | 83.1 |
| 30° | 79.3 | 91.7 | 96.4 | 89.9 | 85.2 | 93.4 | 97.0 | 100.1 | 110.1 | 123.3 | 135.1 |
| 27.5° | 119.4 | 128.4 | 136.6 | 129.7 | 116.2 | 126.4 | 133.5 | 131.4 | 159.1 | 173.9 | 207.0 |
| 25° | 169.7 | 182.4 | 187.1 | 189.6 | 185.0 | 183.2 | 201.1 | 210.2 | 248.5 | 289.0 | 357.9 |
| 22.5° | 231.7 | 266.5 | 276.4 | 263.5 | 278.0 | 288.2 | 300.3 | 341.3 | 417.8 | 542.2 | 719.9 |
| 20° | 310.4 | 381.5 | 438.8 | 429.6 | 395.4 | 439.0 | 488.4 | 617.4 | 840.9 | 1343.5 | 1754.8 |
| 17.5° | 559.6 | 560.9 | 675.2 | 721.2 | 665.0 | 759.6 | 1001.8 | 1421.8 | 2345.6 | 4040.9 | 5140.0 |
| 15° | 944.7 | 970.1 | 1022.7 | 1084.3 | 1185.5 | 1432.5 | 1920.5 | 3680.4 | 6330.8 | 9997.9 | 13760.9 |
| 12.5° | 1352.8 | 1410.3 | 1500.4 | 1550.8 | 1757.2 | 2418.1 | 4511.3 | 8365.1 | 13959.6 | 21019.2 | 32729.9 |
| 10° | 1703.6 | 1856.6 | 1972.6 | 2130.3 | 2662.7 | 4215.2 | 7827.2 | 14486.1 | 25763.3 | 40994.2 | 58995.2 |
| 7.5° | 1951.6 | 2175.5 | 2371.7 | 2668.2 | 3773.9 | 6903.4 | 12961.3 | 24039.3 | 41073.0 | 62581.9 | 87396.2 |
| 5° | 2201.1 | 2484.4 | 2704.4 | 3095.1 | 4483.6 | 8919.8 | 16981.3 | 32990.5 | 57586.7 | 86867.2 | 120053.8 |
| 2.5° | 2454.5 | 2773.1 | 3015.4 | 3498.9 | 4937.6 | 9942.2 | 19020.8 | 38332.5 | 68506.3 | 104159.0 | 144450.1 |
| 0° | 2709.7 | 3011.3 | 3266.4 | 3812.9 | 5642.8 | 11550.8 | 20941.8 | 40371.2 | 69523.8 | 105916.7 | 146813.9 |
| -2.5° | 2697.9 | 2897.1 | 3130.7 | 3554.2 | 5147.2 | 10633.1 | 19464.6 | 38153.6 | 65815.8 | 99572.0 | 136659.7 |
| -5° | 2595.3 | 2735.2 | 2920.3 | 3294.6 | 4604.8 | 8863.2 | 16834.4 | 32614.0 | 58130.0 | 89056.6 | 121024.2 |
| -7.5° | 2435.9 | 2553.3 | 2691.7 | 3000.6 | 3979.6 | 7054.4 | 13617.2 | 26158.1 | 46113.2 | 68519.2 | 93032.4 |
| -10° | 2283.1 | 2373.6 | 2471.9 | 2686.0 | 3315.1 | 5170.2 | 9660.4 | 17724.8 | 32099.9 | 48861.9 | 67516.7 |
| -12.5° | 2142.2 | 2214.4 | 2266.6 | 2357.1 | 2670.5 | 3744.9 | 6945.8 | 12712.8 | 20971.0 | 31354.3 | 45115.9 |
| -15° | 1998.6 | 2059.8 | 2086.8 | 2159.4 | 2364.4 | 2896.2 | 4186.5 | 7814.2 | 13109.6 | 19814.9 | 26792.7 |
| -17.5° | 1844.5 | 1917.2 | 1957.8 | 2004.4 | 2093.8 | 2314.1 | 3026.0 | 4551.3 | 7752.8 | 12254.4 | 16748.6 |
| -20° | 1717.7 | 1803.3 | 1838.2 | 1870.6 | 1952.9 | 2082.3 | 2285.6 | 2971.5 | 4140.9 | 6944.4 | 9739.1 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1595.2 | 1672.4 | 1717.7 | 1787.3 | 1893.8 | 1983.4 | 2050.0 | 2213.4 | 2699.1 | 3464.1 | 4829.9 |
| -25° | 1483.8 | 1550.6 | 1640.1 | 1773.7 | 1878.0 | 1942.1 | 1954.6 | 1961.5 | 2100.0 | 2251.8 | 2713.0 |
| -27.5° | 1371.7 | 1466.3 | 1599.6 | 1750.4 | 1874.2 | 1905.4 | 1907.1 | 1904.7 | 1937.7 | 1960.7 | 2075.5 |
| -30° | 1271.8 | 1395.7 | 1521.5 | 1682.5 | 1803.1 | 1853.8 | 1875.3 | 1890.1 | 1907.1 | 1928.1 | 1935.7 |
| -32.5° | 1068.1 | 1321.5 | 1423.3 | 1552.2 | 1704.1 | 1784.4 | 1824.7 | 1859.2 | 1878.0 | 1896.3 | 1910.7 |
| -35° | 844.4 | 1111.8 | 1354.9 | 1438.1 | 1545.9 | 1681.9 | 1783.1 | 1824.4 | 1859.0 | 1878.6 | 1896.9 |
| -37.5° | 635.1 | 864.3 | 1100.6 | 1322.1 | 1432.1 | 1528.2 | 1657.7 | 1758.4 | 1822.1 | 1847.2 | 1869.2 |
| -40° | 559.7 | 619.1 | 827.9 | 1031.1 | 1225.0 | 1408.2 | 1515.8 | 1637.5 | 1734.8 | 1784.1 | 1822.2 |
| -42.5° | 556.8 | 578.7 | 599.9 | 742.6 | 922.7 | 1099.4 | 1266.3 | 1422.7 | 1566.9 | 1665.0 | 1737.7 |
| -45° | 556.2 | 571.8 | 589.6 | 610.8 | 632.3 | 770.2 | 924.5 | 1079.6 | 1238.0 | 1386.5 | 1519.7 |
| -47.5° | 520.0 | 558.8 | 580.1 | 597.1 | 611.4 | 629.6 | 650.4 | 689.6 | 818.5 | 948.3 | 1078.5 |
| -50° | 470.4 | 509.2 | 544.7 | 578.6 | 595.8 | 607.6 | 619.0 | 631.9 | 648.2 | 664.5 | 681.2 |
| -52.5° | 414.9 | 451.7 | 487.9 | 520.3 | 548.2 | 575.0 | 600.5 | 612.2 | 620.8 | 628.7 | 635.5 |
| -55° | 363.1 | 394.7 | 425.3 | 454.1 | 481.8 | 508.0 | 531.9 | 552.3 | 571.2 | 588.4 | 601.8 |
| -57.5° | 308.2 | 338.2 | 366.7 | 390.8 | 413.9 | 435.8 | 456.9 | 476.5 | 494.2 | 509.9 | 523.0 |
| -60° | 253.0 | 277.7 | 302.7 | 325.7 | 347.7 | 368.4 | 385.9 | 402.0 | 416.7 | 430.2 | 442.6 |
| -62.5° | 201.0 | 220.3 | 241.4 | 260.8 | 278.1 | 295.0 | 313.7 | 329.8 | 343.4 | 355.4 | 366.5 |
| -65° | 160.3 | 174.1 | 189.2 | 203.9 | 218.0 | 234.1 | 251.7 | 267.0 | 280.3 | 291.4 | 300.9 |
| -67.5° | 115.8 | 129.2 | 143.7 | 157.0 | 169.3 | 182.7 | 198.9 | 214.1 | 228.4 | 239.9 | 249.2 |
| -70° | 78.0 | 87.5 | 98.4 | 110.2 | 122.1 | 134.7 | 148.9 | 162.7 | 176.0 | 186.6 | 195.3 |
| -72.5° | 47.9 | 54.2 | 60.4 | 68.3 | 76.5 | 86.1 | 97.0 | 108.0 | 119.0 | 128.0 | 135.7 |
| -75° | 25.5 | 27.7 | 32.4 | 36.9 | 41.1 | 46.5 | 52.1 | 57.3 | 62.1 | 66.5 | 70.5 |
| -77.5° | 21.8 | 22.7 | 23.5 | 24.3 | 25.0 | 27.2 | 29.8 | 32.6 | 35.5 | 38.5 | 41.4 |
| -80° | 17.4 | 18.1 | 18.7 | 19.4 | 20.1 | 21.8 | 23.6 | 25.3 | 27.1 | 29.1 | 31.1 |
| -82.5° | 13.4 | 13.7 | 14.0 | 14.3 | 14.6 | 15.8 | 17.1 | 18.5 | 19.8 | 21.4 | 23.0 |
| -85° | 10.1 | 10.2 | 10.4 | 10.5 | 10.7 | 11.6 | 12.6 | 13.6 | 14.5 | 16.3 | 18.0 |
| -87.5° | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 9.3 | 10.5 | 11.7 | 12.8 | 14.2 | 15.6 |
| -90° | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.0 | 1.7 | 1.4 | 1.1 | 0.8 | 0.6 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| 90° | 37.7 | 43.1 | 45.9 | 48.8 | 45.9 | 43.1 | 37.7 | 32.3 | 26.9 | 21.5 | 18.4 |
| 87.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.4 |
| 85° | 1.4 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.4 | 1.7 | 2.0 | 2.2 | 2.2 |
| 82.5° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.5 |
| 80° | 2.3 | 2.3 | 1.7 | 1.1 | 1.7 | 2.3 | 2.3 | 2.2 | 2.2 | 2.1 | 2.1 |
| 77.5° | 1.5 | 1.1 | 1.7 | 2.3 | 1.7 | 1.1 | 1.5 | 1.8 | 2.1 | 2.3 | 2.3 |
| 75° | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 | 2.3 | 2.4 | 2.8 |
| 72.5° | 4.7 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.7 | 4.8 | 4.9 | 5.0 | 5.3 |
| 70° | 5.6 | 5.7 | 5.7 | 5.7 | 5.7 | 5.7 | 5.6 | 5.6 | 5.7 | 6.0 | 6.7 |
| 67.5° | 4.6 | 4.5 | 4.0 | 3.4 | 4.0 | 4.5 | 4.6 | 4.7 | 4.8 | 5.4 | 6.6 |
| 65° | 4.2 | 4.4 | 4.0 | 3.4 | 4.0 | 4.4 | 4.2 | 3.9 | 3.8 | 4.4 | 5.6 |
| 62.5° | 3.5 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.5 | 3.5 | 3.4 | 3.8 | 4.5 |
| 60° | 3.0 | 3.3 | 3.4 | 3.4 | 3.4 | 3.3 | 3.0 | 2.8 | 2.7 | 3.0 | 3.5 |
| 57.5° | 3.3 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.3 | 3.2 | 3.0 | 3.0 | 3.1 |
| 55° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 52.5° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 50° | 3.8 | 3.6 | 3.4 | 3.4 | 3.4 | 3.6 | 3.8 | 4.0 | 4.0 | 3.8 | 3.5 |
| 47.5° | 4.9 | 4.6 | 4.5 | 4.5 | 4.5 | 4.6 | 4.9 | 5.1 | 5.2 | 5.0 | 4.6 |
| 45° | 7.0 | 6.8 | 6.7 | 6.8 | 6.7 | 6.8 | 7.0 | 7.0 | 8.0 | 8.1 | 6.6 |
| 42.5° | 10.1 | 10.1 | 10.1 | 10.2 | 10.1 | 10.1 | 10.1 | 10.0 | 11.8 | 14.6 | 16.7 |
| 40° | 19.1 | 19.2 | 18.8 | 18.1 | 18.8 | 19.2 | 19.1 | 18.2 | 17.1 | 15.8 | 17.6 |
| 37.5° | 27.9 | 28.1 | 28.0 | 28.3 | 28.0 | 28.1 | 27.9 | 28.0 | 28.0 | 25.8 | 26.5 |
| 35° | 45.2 | 44.0 | 41.5 | 41.9 | 41.5 | 44.0 | 45.2 | 45.8 | 44.7 | 40.8 | 45.2 |
| 32.5° | 86.4 | 85.2 | 80.4 | 83.9 | 80.4 | 85.2 | 86.4 | 83.1 | 78.0 | 73.5 | 72.1 |
| 30° | 145.4 | 151.2 | 153.7 | 153.1 | 153.7 | 151.2 | 145.4 | 135.1 | 123.3 | 110.1 | 100.1 |
| 27.5° | 224.0 | 236.7 | 244.7 | 249.4 | 244.7 | 236.7 | 224.0 | 207.0 | 173.9 | 159.1 | 131.4 |
| 25° | 407.4 | 439.0 | 456.9 | 480.7 | 456.9 | 439.0 | 407.4 | 357.9 | 289.0 | 248.5 | 210.2 |
| 22.5° | 911.0 | 1025.3 | 1098.0 | 1149.6 | 1098.0 | 1025.3 | 911.0 | 719.9 | 542.2 | 417.8 | 341.3 |
| 20° | 2363.6 | 2354.2 | 2543.7 | 2646.2 | 2543.7 | 2354.2 | 2363.6 | 1754.8 | 1343.5 | 840.9 | 617.4 |
| 17.5° | 7398.6 | 8574.5 | 8872.8 | 8617.8 | 8872.8 | 8574.5 | 7398.6 | 5140.0 | 4040.9 | 2345.6 | 1421.8 |
| 15° | 19017.8 | 22945.3 | 24765.3 | 24740.0 | 24765.3 | 22945.3 | 19017.8 | 13760.9 | 9997.9 | 6330.8 | 3680.4 |
| 12.5° | 41009.2 | 48594.4 | 53547.1 | 56543.3 | 53547.1 | 48594.4 | 41009.2 | 32729.9 | 21019.2 | 13959.6 | 8365.1 |
| 10° | 74422.3 | 87416.2 | 97778.0 | 102983.6 | 97778.0 | 87416.2 | 74422.3 | 58995.2 | 40994.2 | 25763.3 | 14486.1 |
| 7.5° | 110292.2 | 131316.6 | 149069.3 | 156438.5 | 149069.3 | 131316.6 | 110292.2 | 87396.2 | 62581.9 | 41073.0 | 24039.3 |
| 5° | 151847.0 | 185300.2 | 201915.3 | 209074.8 | 201915.3 | 185300.2 | 151847.0 | 120053.8 | 86867.2 | 57586.7 | 32990.5 |
| 2.5° | 186612.1 | 219969.5 | 243192.6 | 252018.6 | 243192.6 | 219969.5 | 186612.1 | 144450.1 | 104159.0 | 68506.3 | 38332.5 |
| 0° | 193571.1 | 228443.0 | 254002.1 | 272503.5 | 254002.1 | 228443.0 | 193571.1 | 146813.9 | 105916.7 | 69523.8 | 40371.2 |
| -2.5° | 178790.7 | 212863.7 | 231539.4 | 239364.0 | 231539.4 | 212863.7 | 178790.7 | 136659.7 | 99572.0 | 65815.8 | 38153.6 |
| -5° | 155429.2 | 185670.6 | 202937.0 | 206404.8 | 202937.0 | 185670.6 | 155429.2 | 121024.2 | 89056.6 | 58130.0 | 32614.0 |
| -7.5° | 118775.9 | 139710.1 | 153328.8 | 156078.0 | 153328.8 | 139710.1 | 118775.9 | 93032.4 | 68519.2 | 46113.2 | 26158.1 |
| -10° | 86378.9 | 101472.5 | 110218.4 | 111164.8 | 110218.4 | 101472.5 | 86378.9 | 67516.7 | 48861.9 | 32099.9 | 17724.8 |
| -12.5° | 57714.2 | 69541.0 | 75726.5 | 76620.7 | 75726.5 | 69541.0 | 57714.2 | 45115.9 | 31354.3 | 20971.0 | 12712.8 |
| -15° | 36166.5 | 43859.2 | 48402.2 | 49386.9 | 48402.2 | 43859.2 | 36166.5 | 26792.7 | 19814.9 | 13109.6 | 7814.2 |
| -17.5° | 22284.0 | 26175.2 | 28558.0 | 30133.3 | 28558.0 | 26175.2 | 22284.0 | 16748.6 | 12254.4 | 7752.8 | 4551.3 |
| -20° | 13029.8 | 15553.2 | 16969.2 | 17613.1 | 16969.2 | 15553.2 | 13029.8 | 9739.1 | 6944.4 | 4140.9 | 2971.5 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 6541.6 | 7786.5 | 8634.4 | 8762.9 | 8634.4 | 7786.5 | 6541.6 | 4829.9 | 3464.1 | 2699.1 | 2213.4 |
| -25° | 3172.6 | 3519.3 | 3757.3 | 3770.9 | 3757.3 | 3519.3 | 3172.6 | 2713.0 | 2251.8 | 2100.0 | 1961.5 |
| -27.5° | 2169.3 | 2241.4 | 2288.1 | 2315.2 | 2288.1 | 2241.4 | 2169.3 | 2075.5 | 1960.7 | 1937.7 | 1904.7 |
| -30° | 1943.8 | 1954.5 | 1961.1 | 1952.3 | 1961.1 | 1954.5 | 1943.8 | 1935.7 | 1928.1 | 1907.1 | 1890.1 |
| -32.5° | 1915.6 | 1920.6 | 1924.1 | 1918.3 | 1924.1 | 1920.6 | 1915.6 | 1910.7 | 1896.3 | 1878.0 | 1859.2 |
| -35° | 1913.4 | 1927.4 | 1938.3 | 1935.3 | 1938.3 | 1927.4 | 1913.4 | 1896.9 | 1878.6 | 1859.0 | 1824.4 |
| -37.5° | 1885.3 | 1897.6 | 1905.8 | 1905.9 | 1905.8 | 1897.6 | 1885.3 | 1869.2 | 1847.2 | 1822.1 | 1758.4 |
| -40° | 1843.5 | 1860.4 | 1870.8 | 1870.7 | 1870.8 | 1860.4 | 1843.5 | 1822.2 | 1784.1 | 1734.8 | 1637.5 |
| -42.5° | 1772.4 | 1796.0 | 1807.1 | 1806.1 | 1807.1 | 1796.0 | 1772.4 | 1737.7 | 1665.0 | 1566.9 | 1422.7 |
| -45° | 1619.6 | 1695.6 | 1736.3 | 1740.3 | 1736.3 | 1695.6 | 1619.6 | 1519.7 | 1386.5 | 1238.0 | 1079.6 |
| -47.5° | 1206.8 | 1323.7 | 1395.5 | 1411.5 | 1395.5 | 1323.7 | 1206.8 | 1078.5 | 948.3 | 818.5 | 689.6 |
| -50° | 697.9 | 713.5 | 720.1 | 717.7 | 720.1 | 713.5 | 697.9 | 681.2 | 664.5 | 648.2 | 631.9 |
| -52.5° | 642.1 | 648.4 | 653.2 | 656.5 | 653.2 | 648.4 | 642.1 | 635.5 | 628.7 | 620.8 | 612.2 |
| -55° | 612.8 | 621.3 | 626.6 | 629.2 | 626.6 | 621.3 | 612.8 | 601.8 | 588.4 | 571.2 | 552.3 |
| -57.5° | 533.8 | 542.2 | 546.9 | 548.7 | 546.9 | 542.2 | 533.8 | 523.0 | 509.9 | 494.2 | 476.5 |
| -60° | 452.9 | 461.2 | 466.0 | 468.2 | 466.0 | 461.2 | 452.9 | 442.6 | 430.2 | 416.7 | 402.0 |
| -62.5° | 376.0 | 383.7 | 388.5 | 391.2 | 388.5 | 383.7 | 376.0 | 366.5 | 355.4 | 343.4 | 329.8 |
| -65° | 309.4 | 316.7 | 320.7 | 323.1 | 320.7 | 316.7 | 309.4 | 300.9 | 291.4 | 280.3 | 267.0 |
| -67.5° | 257.5 | 264.9 | 269.7 | 273.2 | 269.7 | 264.9 | 257.5 | 249.2 | 239.9 | 228.4 | 214.1 |
| -70° | 203.4 | 210.5 | 213.2 | 214.3 | 213.2 | 210.5 | 203.4 | 195.3 | 186.6 | 176.0 | 162.7 |
| -72.5° | 142.5 | 148.5 | 152.4 | 155.3 | 152.4 | 148.5 | 142.5 | 135.7 | 128.0 | 119.0 | 108.0 |
| -75° | 74.1 | 77.3 | 79.7 | 81.6 | 79.7 | 77.3 | 74.1 | 70.5 | 66.5 | 62.1 | 57.3 |
| -77.5° | 44.4 | 47.2 | 48.7 | 49.9 | 48.7 | 47.2 | 44.4 | 41.4 | 38.5 | 35.5 | 32.6 |
| -80° | 33.0 | 34.9 | 35.7 | 36.3 | 35.7 | 34.9 | 33.0 | 31.1 | 29.1 | 27.1 | 25.3 |
| -82.5° | 24.5 | 26.0 | 26.6 | 27.2 | 26.6 | 26.0 | 24.5 | 23.0 | 21.4 | 19.8 | 18.5 |
| -85° | 19.7 | 21.5 | 22.1 | 22.7 | 22.1 | 21.5 | 19.7 | 18.0 | 16.3 | 14.5 | 13.6 |
| -87.5° | 16.9 | 18.2 | 19.3 | 20.4 | 19.3 | 18.2 | 16.9 | 15.6 | 14.2 | 12.8 | 11.7 |
| -90° | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.6 | 0.8 | 1.1 | 1.4 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 15.3 | 12.2 | 9.1 | 9.1 | 9.1 | 9.1 | 9.1 | 8.8 | 8.5 | 8.2 | 7.9 |
| 87.5° | 1.7 | 2.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.6 | 2.9 | 3.1 | 3.4 |
| 85° | 2.2 | 2.3 | 2.3 | 2.5 | 2.7 | 2.9 | 3.0 | 3.1 | 3.1 | 3.3 | 3.4 |
| 82.5° | 1.8 | 2.1 | 2.3 | 2.6 | 2.9 | 3.1 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 |
| 80° | 2.2 | 2.2 | 2.3 | 2.6 | 2.9 | 3.2 | 3.4 | 3.5 | 3.4 | 3.4 | 3.4 |
| 77.5° | 2.3 | 2.3 | 2.4 | 2.8 | 3.1 | 3.4 | 3.6 | 3.7 | 3.9 | 4.0 | 4.0 |
| 75° | 3.1 | 3.3 | 3.5 | 4.0 | 4.2 | 4.3 | 4.4 | 4.3 | 4.3 | 4.4 | 4.5 |
| 72.5° | 5.5 | 5.7 | 6.2 | 7.1 | 7.6 | 8.0 | 8.0 | 7.6 | 6.7 | 5.4 | 4.5 |
| 70° | 7.4 | 8.0 | 9.5 | 11.6 | 13.2 | 14.0 | 14.3 | 13.7 | 12.3 | 11.0 | 8.8 |
| 67.5° | 7.7 | 8.8 | 10.8 | 13.5 | 15.7 | 17.8 | 20.1 | 22.0 | 22.1 | 20.5 | 15.1 |
| 65° | 7.0 | 8.5 | 10.3 | 12.3 | 14.7 | 17.8 | 22.2 | 25.2 | 27.2 | 28.0 | 23.1 |
| 62.5° | 5.4 | 6.6 | 7.8 | 9.4 | 11.5 | 14.7 | 20.0 | 24.7 | 29.0 | 30.3 | 25.5 |
| 60° | 4.0 | 4.6 | 5.5 | 6.6 | 7.9 | 10.8 | 15.9 | 21.6 | 28.1 | 27.9 | 25.4 |
| 57.5° | 3.2 | 3.8 | 4.5 | 5.2 | 5.6 | 7.7 | 11.5 | 16.6 | 22.8 | 23.3 | 22.5 |
| 55° | 3.4 | 3.8 | 4.5 | 5.1 | 5.7 | 6.4 | 7.8 | 10.9 | 15.6 | 17.1 | 17.4 |
| 52.5° | 3.4 | 4.0 | 4.7 | 5.3 | 5.8 | 6.1 | 6.5 | 8.1 | 9.5 | 11.6 | 12.7 |
| 50° | 3.5 | 4.2 | 4.9 | 5.5 | 5.9 | 6.2 | 6.5 | 6.8 | 7.6 | 8.5 | 9.3 |
| 47.5° | 4.5 | 4.9 | 5.2 | 5.7 | 6.1 | 6.3 | 6.6 | 7.1 | 7.4 | 7.5 | 8.0 |
| 45° | 6.5 | 6.5 | 6.4 | 6.8 | 6.9 | 7.0 | 6.9 | 7.7 | 8.1 | 8.1 | 7.9 |
| 42.5° | 14.9 | 11.0 | 8.5 | 9.9 | 9.6 | 9.1 | 8.5 | 9.2 | 9.2 | 9.1 | 9.7 |
| 40° | 21.7 | 25.2 | 21.4 | 17.4 | 16.1 | 13.4 | 12.8 | 11.9 | 11.6 | 10.7 | 12.6 |
| 37.5° | 26.5 | 26.4 | 33.1 | 35.6 | 29.5 | 24.2 | 20.4 | 17.2 | 15.0 | 15.8 | 17.1 |
| 35° | 43.3 | 41.4 | 43.4 | 46.9 | 48.1 | 42.8 | 34.2 | 26.2 | 22.1 | 22.4 | 22.9 |
| 32.5° | 73.0 | 66.8 | 63.4 | 63.2 | 66.7 | 65.3 | 54.9 | 41.9 | 34.1 | 31.6 | 30.0 |
| 30° | 97.0 | 93.4 | 85.2 | 89.9 | 96.4 | 91.7 | 79.3 | 71.2 | 57.9 | 42.5 | 38.3 |
| 27.5° | 133.5 | 126.4 | 116.2 | 129.7 | 136.6 | 128.4 | 119.4 | 110.0 | 88.1 | 64.6 | 51.2 |
| 25° | 201.1 | 183.2 | 185.0 | 189.6 | 187.1 | 182.4 | 169.7 | 154.3 | 129.6 | 98.0 | 82.2 |
| 22.5° | 300.3 | 288.2 | 278.0 | 263.5 | 276.4 | 266.5 | 231.7 | 201.6 | 196.4 | 186.4 | 141.9 |
| 20° | 488.4 | 439.0 | 395.4 | 429.6 | 438.8 | 381.5 | 310.4 | 315.3 | 351.5 | 316.6 | 221.9 |
| 17.5° | 1001.8 | 759.6 | 665.0 | 721.2 | 675.2 | 560.9 | 559.6 | 548.2 | 537.2 | 480.3 | 317.4 |
| 15° | 1920.5 | 1432.5 | 1185.5 | 1084.3 | 1022.7 | 970.1 | 944.7 | 816.7 | 752.3 | 659.5 | 471.9 |
| 12.5° | 4511.3 | 2418.1 | 1757.2 | 1550.8 | 1500.4 | 1410.3 | 1352.8 | 1168.1 | 998.3 | 889.8 | 709.8 |
| 10° | 7827.2 | 4215.2 | 2662.7 | 2130.3 | 1972.6 | 1856.6 | 1703.6 | 1478.7 | 1260.2 | 1136.9 | 955.5 |
| 7.5° | 12961.3 | 6903.4 | 3773.9 | 2668.2 | 2371.7 | 2175.5 | 1951.6 | 1731.9 | 1511.8 | 1377.4 | 1203.3 |
| 5° | 16981.3 | 8919.8 | 4483.6 | 3095.1 | 2704.4 | 2484.4 | 2201.1 | 1950.7 | 1753.6 | 1611.1 | 1446.5 |
| 2.5° | 19020.8 | 9942.2 | 4937.6 | 3498.9 | 3015.4 | 2773.1 | 2454.5 | 2145.6 | 1929.7 | 1760.0 | 1585.5 |
| 0° | 20941.8 | 11550.8 | 5642.8 | 3812.9 | 3266.4 | 3011.3 | 2709.7 | 2329.9 | 2071.4 | 1886.6 | 1706.3 |
| -2.5° | 19464.6 | 10633.1 | 5147.2 | 3554.2 | 3130.7 | 2897.1 | 2697.9 | 2392.4 | 2122.5 | 1906.9 | 1687.7 |
| -5° | 16834.4 | 8863.2 | 4604.8 | 3294.6 | 2920.3 | 2735.2 | 2595.3 | 2366.7 | 2113.3 | 1899.5 | 1645.1 |
| -7.5° | 13617.2 | 7054.4 | 3979.6 | 3000.6 | 2691.7 | 2553.3 | 2435.9 | 2239.0 | 1995.5 | 1807.1 | 1540.4 |
| -10° | 9660.4 | 5170.2 | 3315.1 | 2686.0 | 2471.9 | 2373.6 | 2283.1 | 2091.6 | 1875.1 | 1709.9 | 1416.7 |
| -12.5° | 6945.8 | 3744.9 | 2670.5 | 2357.1 | 2266.6 | 2214.4 | 2142.2 | 1932.8 | 1755.6 | 1610.4 | 1276.5 |
| -15° | 4186.5 | 2896.2 | 2364.4 | 2159.4 | 2086.8 | 2059.8 | 1998.6 | 1801.7 | 1662.9 | 1512.2 | 1121.9 |
| -17.5° | 3026.0 | 2314.1 | 2093.8 | 2004.4 | 1957.8 | 1917.2 | 1844.5 | 1702.7 | 1562.1 | 1372.4 | 953.4 |
| -20° | 2285.6 | 2082.3 | 1952.9 | 1870.6 | 1838.2 | 1803.3 | 1717.7 | 1594.4 | 1445.7 | 1169.0 | 791.3 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| -22.5° | 2050.0 | 1983.4 | 1893.8 | 1787.3 | 1717.7 | 1672.4 | 1595.2 | 1478.8 | 1315.6 | 954.4 | 632.8 |
| -25° | 1954.6 | 1942.1 | 1878.0 | 1773.7 | 1640.1 | 1550.6 | 1483.8 | 1361.7 | 1104.9 | 758.8 | 499.6 |
| -27.5° | 1907.1 | 1905.4 | 1874.2 | 1750.4 | 1599.6 | 1466.3 | 1371.7 | 1226.3 | 893.4 | 612.9 | 480.7 |
| -30° | 1875.3 | 1853.8 | 1803.1 | 1682.5 | 1521.5 | 1395.7 | 1271.8 | 996.3 | 719.2 | 502.4 | 472.7 |
| -32.5° | 1824.7 | 1784.4 | 1704.1 | 1552.2 | 1423.3 | 1321.5 | 1068.1 | 785.0 | 552.9 | 493.3 | 468.9 |
| -35° | 1783.1 | 1681.9 | 1545.9 | 1438.1 | 1354.9 | 1111.8 | 844.4 | 608.7 | 511.9 | 484.2 | 465.8 |
| -37.5° | 1657.7 | 1528.2 | 1432.1 | 1322.1 | 1100.6 | 864.3 | 635.1 | 536.3 | 501.8 | 480.3 | 448.2 |
| -40° | 1515.8 | 1408.2 | 1225.0 | 1031.1 | 827.9 | 619.1 | 559.7 | 529.9 | 503.3 | 466.3 | 423.0 |
| -42.5° | 1266.3 | 1099.4 | 922.7 | 742.6 | 599.9 | 578.7 | 556.8 | 530.9 | 493.2 | 442.5 | 393.4 |
| -45° | 924.5 | 770.2 | 632.3 | 610.8 | 589.6 | 571.8 | 556.2 | 513.5 | 463.3 | 411.6 | 361.8 |
| -47.5° | 650.4 | 629.6 | 611.4 | 597.1 | 580.1 | 558.8 | 520.0 | 476.6 | 424.9 | 376.0 | 331.9 |
| -50° | 619.0 | 607.6 | 595.8 | 578.6 | 544.7 | 509.2 | 470.4 | 429.4 | 383.1 | 340.2 | 299.2 |
| -52.5° | 600.5 | 575.0 | 548.2 | 520.3 | 487.9 | 451.7 | 414.9 | 379.9 | 341.1 | 301.6 | 263.7 |
| -55° | 531.9 | 508.0 | 481.8 | 454.1 | 425.3 | 394.7 | 363.1 | 330.3 | 295.9 | 260.0 | 227.6 |
| -57.5° | 456.9 | 435.8 | 413.9 | 390.8 | 366.7 | 338.2 | 308.2 | 278.0 | 249.8 | 219.9 | 191.4 |
| -60° | 385.9 | 368.4 | 347.7 | 325.7 | 302.7 | 277.7 | 253.0 | 228.4 | 204.0 | 183.4 | 161.6 |
| -62.5° | 313.7 | 295.0 | 278.1 | 260.8 | 241.4 | 220.3 | 201.0 | 184.8 | 168.5 | 150.7 | 128.7 |
| -65° | 251.7 | 234.1 | 218.0 | 203.9 | 189.2 | 174.1 | 160.3 | 145.4 | 129.3 | 112.0 | 93.3 |
| -67.5° | 198.9 | 182.7 | 169.3 | 157.0 | 143.7 | 129.2 | 115.8 | 102.0 | 89.8 | 77.4 | 63.5 |
| -70° | 148.9 | 134.7 | 122.1 | 110.2 | 98.4 | 87.5 | 78.0 | 68.1 | 57.3 | 48.2 | 40.4 |
| -72.5° | 97.0 | 86.1 | 76.5 | 68.3 | 60.4 | 54.2 | 47.9 | 41.3 | 34.8 | 28.5 | 24.0 |
| -75° | 52.1 | 46.5 | 41.1 | 36.9 | 32.4 | 27.7 | 25.5 | 24.4 | 23.2 | 21.8 | 20.3 |
| -77.5° | 29.8 | 27.2 | 25.0 | 24.3 | 23.5 | 22.7 | 21.8 | 20.6 | 19.3 | 18.1 | 17.0 |
| -80° | 23.6 | 21.8 | 20.1 | 19.4 | 18.7 | 18.1 | 17.4 | 16.4 | 15.5 | 14.7 | 14.1 |
| -82.5° | 17.1 | 15.8 | 14.6 | 14.3 | 14.0 | 13.7 | 13.4 | 12.9 | 12.5 | 12.1 | 11.7 |
| -85° | 12.6 | 11.6 | 10.7 | 10.5 | 10.4 | 10.2 | 10.1 | 9.9 | 9.7 | 9.5 | 9.3 |
| -87.5° | 10.5 | 9.3 | 8.0 | 8.0 | 8.1 | 8.1 | 8.1 | 8.1 | 8.0 | 8.0 | 7.9 |
| -90° | 1.7 | 2.0 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.6 | 2.9 | 3.1 | 3.4 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| 90° | 7.6 | 7.4 | 7.1 | 6.8 | 6.8 | 6.8 | 6.8 | 6.8 | 6.5 | 6.3 | 6.0 |
| 87.5° | 3.4 | 3.4 | 3.4 | 3.4 | 3.5 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.3 |
| 85° | 3.5 | 3.6 | 3.6 | 3.6 | 3.7 | 4.0 | 4.2 | 4.3 | 4.3 | 4.3 | 4.4 |
| 82.5° | 3.7 | 3.9 | 4.1 | 4.2 | 4.2 | 4.2 | 4.3 | 4.5 | 4.5 | 4.5 | 4.5 |
| 80° | 3.7 | 4.0 | 4.3 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 77.5° | 4.0 | 4.1 | 4.3 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 75° | 4.5 | 4.4 | 4.4 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 72.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 70° | 6.6 | 4.9 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.6 | 4.5 | 4.5 | 4.5 |
| 67.5° | 10.3 | 7.8 | 5.9 | 4.7 | 4.5 | 4.5 | 4.5 | 4.6 | 4.7 | 4.5 | 4.5 |
| 65° | 16.8 | 11.6 | 7.7 | 6.2 | 5.1 | 4.5 | 4.5 | 4.8 | 4.9 | 4.8 | 4.5 |
| 62.5° | 20.9 | 16.0 | 11.2 | 8.1 | 6.1 | 5.1 | 4.5 | 4.8 | 5.1 | 5.0 | 4.7 |
| 60° | 22.4 | 17.7 | 14.4 | 11.0 | 7.8 | 5.7 | 5.0 | 4.9 | 5.1 | 5.3 | 5.0 |
| 57.5° | 20.2 | 18.2 | 16.1 | 13.4 | 10.2 | 7.0 | 5.5 | 5.2 | 5.2 | 5.5 | 5.4 |
| 55° | 16.9 | 15.9 | 16.9 | 15.1 | 12.1 | 8.8 | 6.5 | 5.7 | 5.3 | 5.5 | 5.7 |
| 52.5° | 12.7 | 14.2 | 16.2 | 16.2 | 13.8 | 10.5 | 7.9 | 6.2 | 5.8 | 5.6 | 5.8 |
| 50° | 9.6 | 12.2 | 15.4 | 16.6 | 15.3 | 12.1 | 9.1 | 7.1 | 6.2 | 5.7 | 5.9 |
| 47.5° | 8.8 | 11.2 | 13.8 | 16.9 | 16.4 | 13.6 | 10.4 | 7.9 | 6.6 | 6.1 | 6.1 |
| 45° | 9.5 | 11.1 | 13.0 | 15.6 | 17.5 | 14.5 | 11.6 | 8.5 | 7.1 | 6.5 | 6.2 |
| 42.5° | 10.8 | 12.0 | 13.3 | 14.6 | 16.5 | 15.1 | 12.6 | 9.4 | 7.5 | 6.9 | 6.5 |
| 40° | 13.5 | 13.7 | 14.1 | 15.3 | 15.7 | 15.5 | 13.1 | 10.3 | 7.7 | 7.3 | 6.9 |
| 37.5° | 16.9 | 16.4 | 15.9 | 17.3 | 16.1 | 15.3 | 13.2 | 11.0 | 8.5 | 7.9 | 7.2 |
| 35° | 22.1 | 20.2 | 19.7 | 20.6 | 18.8 | 15.6 | 13.2 | 11.4 | 9.8 | 8.5 | 7.6 |
| 32.5° | 28.4 | 26.7 | 26.1 | 24.7 | 22.6 | 16.4 | 13.5 | 12.4 | 11.0 | 9.1 | 7.9 |
| 30° | 37.4 | 38.7 | 33.9 | 29.4 | 27.0 | 19.9 | 15.1 | 13.6 | 12.2 | 9.8 | 8.3 |
| 27.5° | 55.7 | 54.1 | 43.8 | 36.4 | 31.5 | 24.8 | 18.4 | 14.9 | 13.4 | 10.7 | 8.8 |
| 25° | 79.2 | 72.7 | 58.8 | 44.9 | 36.4 | 39.9 | 22.3 | 16.5 | 14.6 | 11.7 | 9.4 |
| 22.5° | 110.2 | 94.3 | 76.1 | 54.2 | 58.6 | 60.1 | 30.7 | 19.6 | 15.8 | 12.7 | 10.0 |
| 20° | 146.2 | 118.7 | 102.2 | 90.3 | 85.8 | 80.1 | 45.5 | 23.1 | 17.1 | 13.7 | 10.6 |
| 17.5° | 191.9 | 169.2 | 164.0 | 136.9 | 116.1 | 102.0 | 63.0 | 26.8 | 18.5 | 14.6 | 11.2 |
| 15° | 316.0 | 249.8 | 230.2 | 189.0 | 148.4 | 125.4 | 82.6 | 30.7 | 19.9 | 15.5 | 11.7 |
| 12.5° | 472.1 | 330.9 | 299.9 | 245.4 | 182.0 | 150.0 | 103.7 | 34.7 | 21.3 | 16.4 | 12.2 |
| 10° | 644.5 | 411.9 | 372.0 | 304.6 | 216.6 | 175.4 | 125.6 | 39.4 | 23.7 | 17.3 | 12.5 |
| 7.5° | 826.1 | 492.5 | 445.3 | 365.1 | 250.9 | 199.8 | 148.3 | 45.7 | 26.3 | 18.2 | 12.9 |
| 5° | 994.3 | 562.3 | 506.2 | 416.0 | 281.4 | 222.3 | 170.1 | 52.0 | 29.0 | 19.0 | 13.2 |
| 2.5° | 1090.1 | 614.9 | 557.3 | 462.8 | 311.0 | 243.9 | 190.1 | 57.9 | 31.6 | 19.7 | 13.4 |
| 0° | 1167.8 | 665.5 | 605.4 | 505.7 | 339.0 | 264.2 | 207.5 | 63.5 | 34.0 | 20.4 | 13.6 |
| -2.5° | 1147.4 | 657.7 | 596.5 | 501.7 | 347.7 | 270.3 | 210.1 | 73.7 | 42.1 | 25.7 | 16.2 |
| -5° | 1107.5 | 647.6 | 584.8 | 493.8 | 354.1 | 274.8 | 209.9 | 83.3 | 49.8 | 30.8 | 18.8 |
| -7.5° | 1030.7 | 624.9 | 566.7 | 482.2 | 358.0 | 277.5 | 207.5 | 92.0 | 57.0 | 35.5 | 21.1 |
| -10° | 932.7 | 594.3 | 541.1 | 462.4 | 352.5 | 276.6 | 203.4 | 99.8 | 63.5 | 39.7 | 23.2 |
| -12.5° | 818.9 | 562.9 | 516.0 | 441.3 | 344.1 | 272.6 | 198.1 | 106.5 | 69.3 | 43.4 | 24.9 |
| -15° | 690.8 | 531.3 | 492.5 | 419.6 | 334.2 | 267.7 | 191.9 | 112.1 | 74.2 | 46.7 | 26.3 |
| -17.5° | 552.5 | 499.8 | 471.4 | 398.1 | 322.9 | 261.8 | 185.4 | 116.4 | 78.3 | 49.7 | 27.7 |
| -20° | 513.2 | 479.1 | 451.4 | 377.4 | 310.5 | 255.3 | 179.0 | 119.5 | 81.6 | 51.9 | 28.9 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 494.1 | 467.7 | 429.0 | 360.5 | 298.8 | 248.1 | 172.9 | 121.2 | 83.9 | 53.3 | 29.5 |
| -25° | 476.3 | 457.3 | 407.6 | 344.8 | 289.1 | 237.6 | 170.5 | 121.5 | 85.3 | 53.8 | 29.5 |
| -27.5° | 463.6 | 443.7 | 386.3 | 327.8 | 278.3 | 228.7 | 170.1 | 122.5 | 85.7 | 53.5 | 28.8 |
| -30° | 453.7 | 419.7 | 366.0 | 311.0 | 266.3 | 216.6 | 167.8 | 122.3 | 85.1 | 52.5 | 27.3 |
| -32.5° | 445.6 | 396.6 | 344.9 | 296.6 | 252.1 | 203.9 | 160.5 | 120.8 | 83.2 | 50.8 | 26.3 |
| -35° | 424.5 | 374.2 | 323.2 | 280.9 | 237.0 | 192.2 | 150.9 | 118.0 | 80.1 | 47.9 | 25.2 |
| -37.5° | 401.9 | 351.0 | 304.9 | 264.0 | 221.5 | 179.3 | 141.9 | 109.7 | 75.7 | 43.9 | 23.6 |
| -40° | 375.1 | 327.9 | 285.9 | 246.7 | 205.9 | 165.2 | 131.7 | 100.1 | 70.1 | 38.9 | 21.4 |
| -42.5° | 347.0 | 305.2 | 265.6 | 228.7 | 189.3 | 152.7 | 120.3 | 89.5 | 61.3 | 34.9 | 18.7 |
| -45° | 320.2 | 280.6 | 243.4 | 207.7 | 171.9 | 138.8 | 107.5 | 78.0 | 51.6 | 31.1 | 16.7 |
| -47.5° | 291.2 | 254.2 | 219.2 | 185.2 | 155.0 | 123.6 | 93.4 | 66.4 | 41.3 | 26.7 | 16.1 |
| -50° | 260.2 | 226.1 | 193.4 | 164.0 | 136.0 | 106.8 | 78.7 | 54.1 | 35.0 | 21.1 | 15.3 |
| -52.5° | 228.7 | 196.7 | 168.8 | 142.7 | 115.8 | 88.8 | 64.4 | 41.8 | 28.3 | 18.3 | 14.3 |
| -55° | 196.1 | 169.4 | 145.3 | 120.1 | 94.7 | 71.5 | 49.3 | 33.9 | 21.3 | 16.9 | 13.3 |
| -57.5° | 167.6 | 143.7 | 120.0 | 96.3 | 74.5 | 54.0 | 37.8 | 25.8 | 18.5 | 15.4 | 12.9 |
| -60° | 139.2 | 115.6 | 93.3 | 73.8 | 54.8 | 39.5 | 28.3 | 19.5 | 16.8 | 14.0 | 12.4 |
| -62.5° | 107.1 | 86.8 | 69.1 | 51.8 | 39.0 | 28.8 | 20.0 | 17.7 | 15.2 | 13.3 | 11.8 |
| -65° | 77.2 | 61.1 | 45.5 | 36.3 | 27.0 | 20.1 | 18.2 | 16.0 | 14.1 | 12.6 | 11.2 |
| -67.5° | 49.3 | 40.3 | 31.4 | 23.0 | 19.9 | 18.1 | 16.3 | 14.6 | 13.1 | 11.8 | 10.7 |
| -70° | 32.5 | 24.7 | 20.9 | 19.2 | 17.6 | 16.1 | 14.8 | 13.4 | 12.1 | 11.2 | 10.2 |
| -72.5° | 22.0 | 20.1 | 18.3 | 16.8 | 15.8 | 14.7 | 13.4 | 12.3 | 11.5 | 10.7 | 9.6 |
| -75° | 18.6 | 17.4 | 16.4 | 15.5 | 14.5 | 13.4 | 12.5 | 11.8 | 11.0 | 10.1 | 9.0 |
| -77.5° | 16.1 | 15.4 | 14.8 | 14.1 | 13.1 | 12.4 | 11.8 | 11.3 | 10.4 | 9.4 | 8.4 |
| -80° | 13.7 | 13.2 | 12.8 | 12.2 | 11.7 | 11.3 | 10.9 | 10.5 | 9.6 | 8.7 | 7.8 |
| -82.5° | 11.4 | 11.1 | 10.9 | 10.7 | 10.4 | 10.2 | 9.9 | 9.6 | 8.8 | 8.0 | 7.2 |
| -85° | 9.3 | 9.3 | 9.4 | 9.4 | 9.3 | 9.1 | 8.9 | 8.7 | 8.0 | 7.4 | 6.8 |
| -87.5° | 8.0 | 8.1 | 8.1 | 8.1 | 8.0 | 7.9 | 7.9 | 7.8 | 7.3 | 6.8 | 6.4 |
| -90° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.7 | 4.0 | 4.2 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| 90° | 5.7 | 5.4 | 5.1 | 4.8 | 4.5 | 4.5 | 4.5 |
| 87.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 85° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 82.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 80° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 77.5° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 75° | 4.5 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |
| 72.5° | 4.6 | 4.7 | 4.6 | 4.5 | 4.5 | 4.5 | 4.5 |
| 70° | 4.6 | 4.8 | 4.7 | 4.5 | 4.5 | 4.5 | 4.5 |
| 67.5° | 4.6 | 4.9 | 4.9 | 4.6 | 4.5 | 4.5 | 4.5 |
| 65° | 4.7 | 4.9 | 5.0 | 4.8 | 4.5 | 4.5 | 4.5 |
| 62.5° | 4.7 | 5.0 | 5.1 | 4.9 | 4.5 | 4.5 | 4.5 |
| 60° | 4.7 | 5.0 | 5.3 | 5.0 | 4.5 | 4.5 | 4.5 |
| 57.5° | 5.0 | 5.0 | 5.3 | 5.1 | 4.6 | 4.5 | 4.5 |
| 55° | 5.3 | 5.1 | 5.3 | 5.3 | 4.7 | 4.5 | 4.5 |
| 52.5° | 5.6 | 5.1 | 5.3 | 5.4 | 4.8 | 4.5 | 4.5 |
| 50° | 5.9 | 5.4 | 5.4 | 5.5 | 4.8 | 4.5 | 4.5 |
| 47.5° | 6.1 | 5.6 | 5.4 | 5.6 | 4.9 | 4.5 | 4.5 |
| 45° | 6.3 | 5.8 | 5.4 | 5.7 | 5.0 | 4.5 | 4.5 |
| 42.5° | 6.4 | 6.0 | 5.5 | 5.7 | 5.1 | 4.5 | 4.5 |
| 40° | 6.6 | 6.3 | 5.6 | 5.7 | 5.1 | 4.5 | 4.5 |
| 37.5° | 6.8 | 6.5 | 5.8 | 5.7 | 5.2 | 4.5 | 4.5 |
| 35° | 7.0 | 6.6 | 5.9 | 5.8 | 5.3 | 4.5 | 4.5 |
| 32.5° | 7.2 | 6.8 | 6.1 | 5.8 | 5.3 | 4.5 | 4.5 |
| 30° | 7.5 | 7.0 | 6.2 | 5.9 | 5.4 | 4.5 | 4.5 |
| 27.5° | 7.8 | 7.1 | 6.3 | 5.9 | 5.4 | 4.5 | 4.5 |
| 25° | 8.1 | 7.3 | 6.4 | 6.0 | 5.5 | 4.5 | 4.5 |
| 22.5° | 8.3 | 7.5 | 6.5 | 6.1 | 5.5 | 4.5 | 4.5 |
| 20° | 8.6 | 7.6 | 6.6 | 6.1 | 5.6 | 4.5 | 4.5 |
| 17.5° | 8.8 | 7.6 | 6.7 | 6.2 | 5.6 | 4.5 | 4.5 |
| 15° | 9.0 | 7.7 | 6.7 | 6.3 | 5.6 | 4.5 | 4.5 |
| 12.5° | 9.2 | 7.8 | 6.8 | 6.4 | 5.6 | 4.5 | 4.5 |
| 10° | 9.5 | 7.8 | 6.8 | 6.5 | 5.7 | 4.5 | 4.5 |
| 7.5° | 9.7 | 7.9 | 6.8 | 6.6 | 5.7 | 4.5 | 4.5 |
| 5° | 9.9 | 7.9 | 6.8 | 6.6 | 5.7 | 4.5 | 4.5 |
| 2.5° | 10.0 | 7.9 | 6.8 | 6.7 | 5.7 | 4.5 | 4.5 |
| 0° | 10.2 | 7.9 | 6.8 | 6.8 | 5.7 | 4.5 | 4.5 |
| -2.5° | 11.1 | 8.1 | 7.0 | 6.9 | 5.7 | 4.5 | 4.5 |
| -5° | 11.9 | 8.4 | 7.2 | 6.9 | 5.8 | 4.6 | 4.5 |
| -7.5° | 12.7 | 8.6 | 7.4 | 7.0 | 5.8 | 4.6 | 4.5 |
| -10° | 13.4 | 8.8 | 7.6 | 7.0 | 5.9 | 4.6 | 4.5 |
| -12.5° | 13.9 | 9.0 | 7.8 | 7.1 | 5.9 | 4.6 | 4.5 |
| -15° | 14.4 | 9.2 | 7.9 | 7.1 | 5.9 | 4.7 | 4.5 |
| -17.5° | 14.6 | 9.4 | 8.1 | 7.1 | 5.9 | 4.7 | 4.5 |
| -20° | 14.9 | 9.6 | 8.2 | 7.2 | 5.9 | 4.7 | 4.5 |



REPORT NUMBER: P731312 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0320N-40-70-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 15.3 | 9.7 | 8.3 | 7.2 | 5.9 | 4.7 | 4.5 |
| -25° | 15.3 | 9.9 | 8.4 | 7.2 | 5.9 | 4.7 | 4.5 |
| -27.5° | 15.1 | 10.1 | 8.4 | 7.2 | 5.9 | 4.7 | 4.5 |
| -30° | 14.5 | 10.2 | 8.5 | 7.2 | 5.9 | 4.8 | 4.5 |
| -32.5° | 13.6 | 10.3 | 8.5 | 7.2 | 5.9 | 4.8 | 4.5 |
| -35° | 13.3 | 10.3 | 8.5 | 7.2 | 5.9 | 4.8 | 4.5 |
| -37.5° | 13.3 | 10.2 | 8.5 | 7.1 | 5.9 | 4.8 | 4.5 |
| -40° | 13.1 | 10.2 | 8.5 | 7.1 | 5.9 | 4.8 | 4.5 |
| -42.5° | 12.9 | 10.2 | 8.4 | 7.1 | 5.8 | 4.8 | 4.5 |
| -45° | 12.5 | 10.1 | 8.4 | 7.0 | 5.8 | 4.8 | 4.5 |
| -47.5° | 12.0 | 10.0 | 8.3 | 7.0 | 5.8 | 4.8 | 4.5 |
| -50° | 11.7 | 9.8 | 8.2 | 6.9 | 5.7 | 4.8 | 4.5 |
| -52.5° | 11.5 | 9.6 | 8.1 | 6.8 | 5.7 | 4.8 | 4.5 |
| -55° | 11.2 | 9.5 | 8.0 | 6.7 | 5.6 | 4.8 | 4.5 |
| -57.5° | 10.9 | 9.2 | 7.8 | 6.6 | 5.6 | 4.8 | 4.5 |
| -60° | 10.6 | 9.0 | 7.6 | 6.5 | 5.5 | 4.8 | 4.5 |
| -62.5° | 10.2 | 8.7 | 7.4 | 6.4 | 5.5 | 4.7 | 4.5 |
| -65° | 9.8 | 8.4 | 7.2 | 6.2 | 5.4 | 4.7 | 4.5 |
| -67.5° | 9.4 | 8.1 | 7.0 | 6.1 | 5.3 | 4.7 | 4.5 |
| -70° | 9.0 | 7.8 | 6.8 | 6.0 | 5.3 | 4.7 | 4.5 |
| -72.5° | 8.5 | 7.4 | 6.5 | 5.8 | 5.2 | 4.7 | 4.5 |
| -75° | 7.9 | 7.0 | 6.3 | 5.7 | 5.1 | 4.6 | 4.5 |
| -77.5° | 7.4 | 6.6 | 6.1 | 5.5 | 5.0 | 4.6 | 4.5 |
| -80° | 6.8 | 6.3 | 5.9 | 5.4 | 4.9 | 4.6 | 4.5 |
| -82.5° | 6.5 | 6.1 | 5.7 | 5.3 | 4.8 | 4.6 | 4.5 |
| -85° | 6.3 | 5.9 | 5.5 | 5.1 | 4.7 | 4.6 | 4.5 |
| -87.5° | 6.0 | 5.6 | 5.3 | 5.0 | 4.6 | 4.5 | 4.5 |
| -90° | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 | 4.5 |

(END OF REPORT)

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





Horizontal Angle (degrees)



Horizontal Angle (degrees)

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

