

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: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0680N-40-80-4S-CV1**

Issue Date: 11/16/2023

Test Information

Test Method: LM-79-08
Report Number: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-27)
Test Lab: INNOVATION CENTER
Issue Date: 11/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-LS-08-0680N-40-80-4S-CV1
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

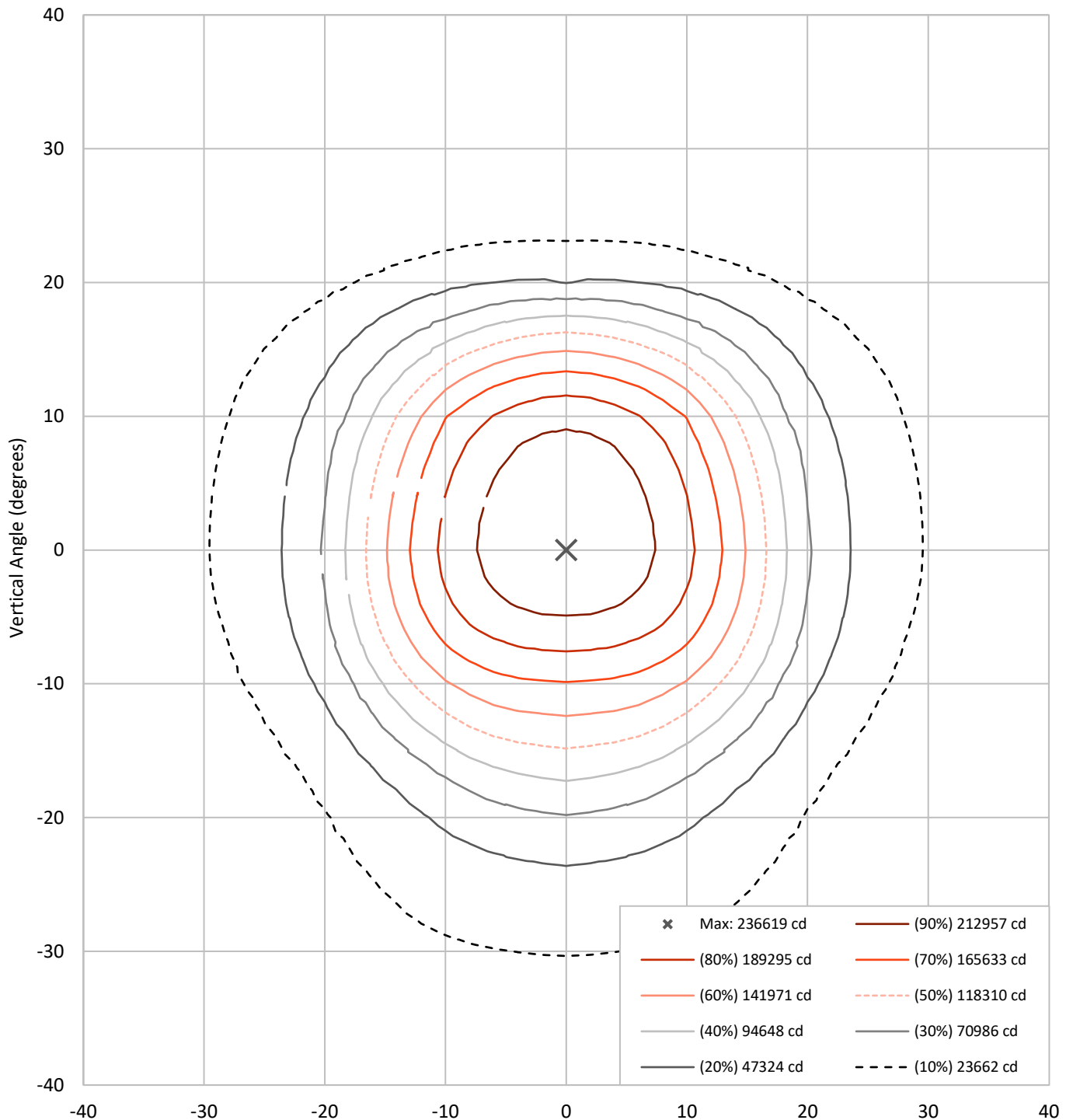
Summary

| | | | |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 80620.9 lumens | Max Intensity: | 236619 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 115.6 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 33.1°H x 31.1°V | Field Angle (10%): | 59.1°H x 53.4°V |
| Beam Lumens: | 44062.5 lumens | Field Lumens: | 70999 lumens |
| Beam Efficiency: | 54.7% | Field Efficiency: | 88.1% |

Input Watts (W): 697.2
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: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

Iso-Candela Plot





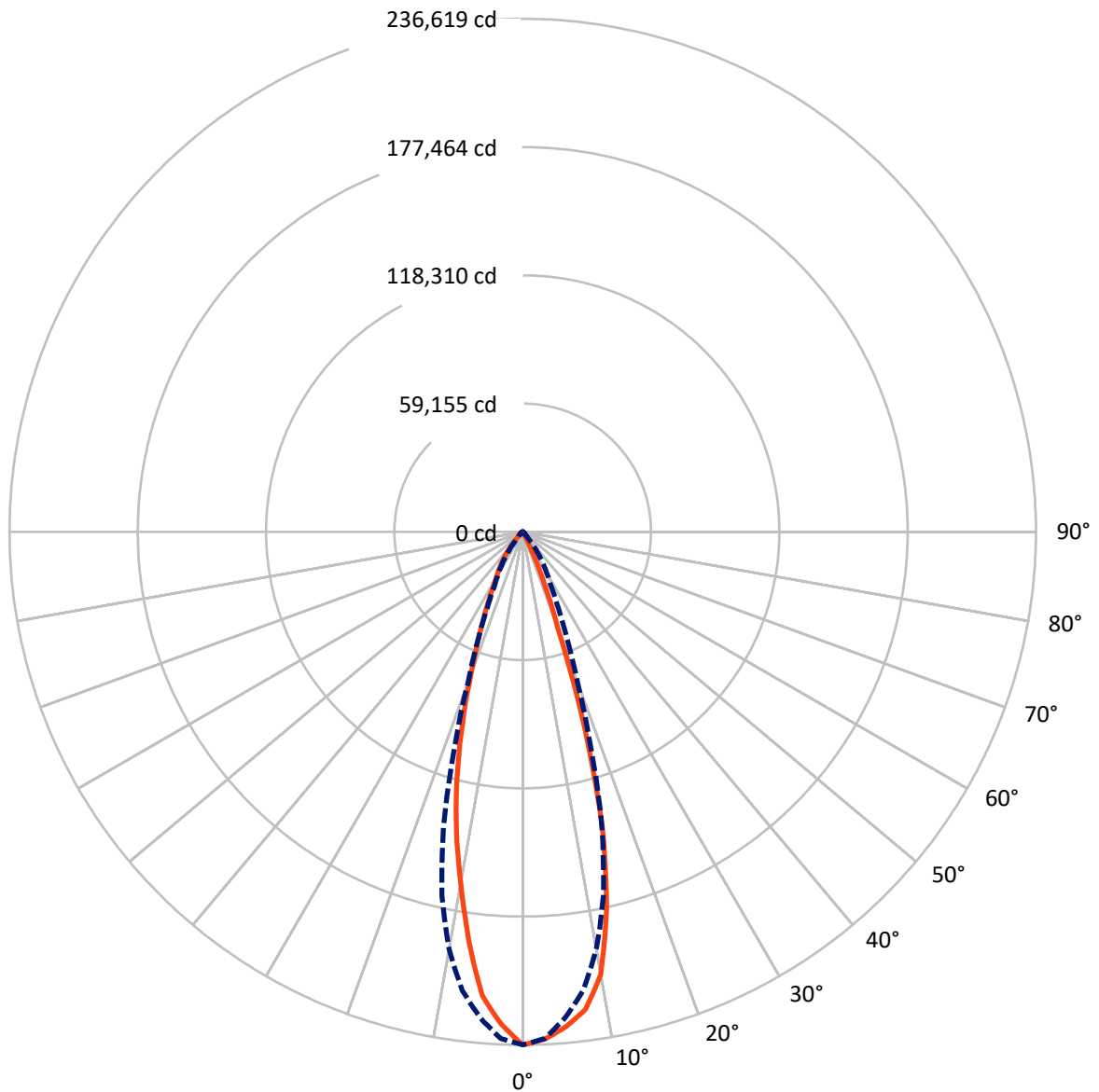
REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|-----|-----|
| 90 | 0.1 | | 0.2 | | 0.4 | | 0.4 | | 0.4 | | 0.4 | | 0.2 | | 0.1 | |
| 80 | 0.1 | | 0.2 | | 0.4 | | 0.4 | | 0.4 | | 0.4 | | 0.2 | | 0.1 | |
| 70 | 0.1 | 0.1 | 0.1 | 0.4 | 0.6 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.4 | 0.6 | 0.4 | 0.1 | 0.1 | 0.1 |
| 60 | | 0.1 | 0.3 | 0.8 | 0.8 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.8 | 0.8 | 0.3 | 0.1 | |
| 50 | 0.1 | 0.1 | 0.4 | 0.6 | 0.6 | 0.8 | 0.9 | 0.9 | 0.9 | 0.9 | 0.8 | 0.6 | 0.6 | 0.4 | 0.1 | 0.1 |
| 40 | | 0.2 | 0.9 | 2.4 | 4.4 | 7.6 | 11.5 | 14.2 | 14.2 | 11.5 | 7.6 | 4.4 | 2.4 | 0.9 | 0.2 | |
| 30 | 0.1 | 0.4 | 3.9 | 12.1 | 47.9 | 149.4 | 299.2 | 485.8 | 485.8 | 299.2 | 149.4 | 47.9 | 12.1 | 3.9 | 0.4 | 0.1 |
| 20 | | 1.2 | 9.0 | 29.3 | 197.8 | 675.5 | 2016.0 | 3758.7 | 3758.7 | 2016.0 | 675.5 | 197.8 | 29.3 | 9.0 | 1.2 | |
| 10 | 0.2 | 2.0 | 12.3 | 41.7 | 308.1 | 1097.6 | 3763.7 | 6446.5 | 6446.5 | 3763.7 | 1097.6 | 308.1 | 41.7 | 12.3 | 2.0 | 0.2 |
| 0 | | 2.5 | 13.2 | 42.9 | 304.2 | 1058.8 | 3643.0 | 6000.6 | 6000.6 | 3643.0 | 1058.8 | 304.2 | 42.9 | 13.2 | 2.5 | |
| -10 | 0.5 | 3.1 | 12.6 | 33.1 | 180.8 | 598.2 | 1838.4 | 3277.0 | 3277.0 | 1838.4 | 598.2 | 180.8 | 33.1 | 12.6 | 3.1 | 0.5 |
| -20 | | 3.1 | 12.1 | 25.5 | 85.2 | 324.3 | 747.1 | 1191.8 | 1191.8 | 747.1 | 324.3 | 85.2 | 25.5 | 12.1 | 3.1 | |
| -30 | 0.4 | 2.5 | 10.8 | 21.8 | 42.0 | 120.5 | 301.7 | 458.3 | 458.3 | 301.7 | 120.5 | 42.0 | 21.8 | 10.8 | 2.5 | 0.4 |
| -40 | | 1.6 | 7.9 | 18.6 | 31.4 | 48.0 | 72.9 | 99.0 | 99.0 | 72.9 | 48.0 | 31.4 | 18.6 | 7.9 | 1.6 | |
| -50 | 0.2 | 0.8 | 4.1 | 12.1 | 23.6 | 34.0 | 43.7 | 50.0 | 50.0 | 43.7 | 34.0 | 23.6 | 12.1 | 4.1 | 0.8 | 0.2 |
| -60 | | 0.3 | 1.4 | 4.3 | 9.5 | 15.8 | 22.3 | 25.9 | 25.9 | 22.3 | 15.8 | 9.5 | 4.3 | 1.4 | 0.3 | |
| -70 | 0.1 | 0.7 | 3.0 | 7.6 | 10.1 | 7.6 | 3.0 | 0.7 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| -80 | | 0.1 | 0.7 | 3.0 | 7.6 | 10.1 | 7.6 | 3.0 | 0.7 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | |
| -90 | 0.1 | | 0.7 | | 3.0 | | 7.6 | | 10.1 | | 7.6 | | 3.0 | | 0.7 | |

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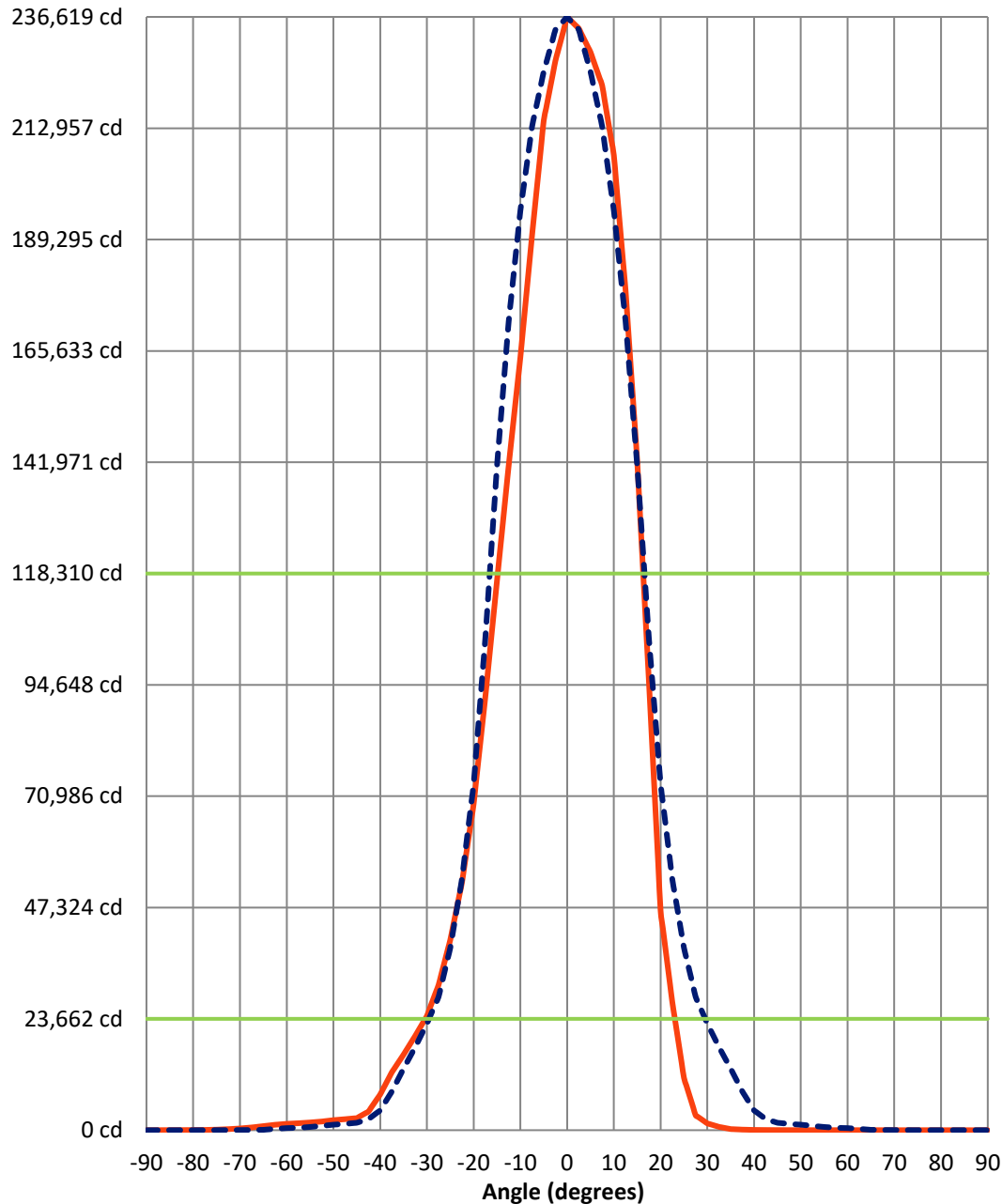
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 31.1°
 Lumens: 44062.5
 Efficiency: 54.7%

Field:
 H Angle: 59.1°
 V Angle: 53.4°
 Lumens: 70999
 Efficiency: 88.1%

Spill:
 Lumens: 9621.9
 Efficiency: 11.9%

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



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
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FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| 90° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 87.5° | 4.1 | 3.1 | 2.2 | 2.2 | 2.2 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 4.1 | 3.1 | 2.4 | 2.4 | 2.4 | 2.2 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 4.1 | 3.2 | 2.6 | 2.6 | 2.6 | 2.4 | 2.0 | 2.0 | 2.0 | 2.1 | 2.0 |
| 80° | 4.1 | 3.2 | 2.7 | 2.8 | 2.7 | 2.5 | 2.1 | 2.3 | 2.4 | 2.3 | 2.0 |
| 77.5° | 4.1 | 3.3 | 2.9 | 3.0 | 2.9 | 2.7 | 2.6 | 2.8 | 2.8 | 2.6 | 2.3 |
| 75° | 4.1 | 3.3 | 3.1 | 3.3 | 3.1 | 3.0 | 3.2 | 3.3 | 3.2 | 3.1 | 3.2 |
| 72.5° | 4.1 | 3.4 | 3.3 | 3.5 | 3.3 | 3.4 | 3.7 | 3.8 | 3.5 | 3.6 | 4.0 |
| 70° | 4.1 | 3.5 | 3.5 | 3.7 | 3.5 | 3.7 | 4.1 | 3.9 | 3.8 | 4.1 | 4.1 |
| 67.5° | 4.1 | 3.5 | 3.6 | 3.8 | 3.7 | 4.0 | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 |
| 65° | 4.1 | 3.6 | 3.8 | 3.8 | 3.8 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 62.5° | 4.1 | 3.6 | 4.0 | 3.9 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 60° | 4.1 | 3.6 | 4.1 | 3.9 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 57.5° | 4.1 | 3.7 | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 55° | 4.1 | 3.7 | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 52.5° | 4.1 | 3.8 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 50° | 4.1 | 3.8 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 5.4 |
| 47.5° | 4.1 | 3.8 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 6.7 |
| 45° | 4.1 | 3.9 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 5.2 | 8.0 |
| 42.5° | 4.1 | 3.9 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 4.3 | 6.4 | 9.7 |
| 40° | 4.1 | 3.9 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.3 | 4.8 | 7.5 | 11.4 |
| 37.5° | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.5 | 5.8 | 8.8 | 13.2 |
| 35° | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.8 | 6.8 | 10.4 | 14.7 |
| 32.5° | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 5.0 | 7.8 | 11.9 | 16.2 |
| 30° | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.4 | 5.5 | 8.7 | 13.4 | 18.0 |
| 27.5° | 4.1 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.6 | 6.2 | 9.7 | 14.8 | 20.1 |
| 25° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.8 | 6.9 | 10.8 | 16.3 | 22.5 |
| 22.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 5.1 | 7.6 | 11.9 | 18.0 | 27.3 |
| 20° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.3 | 5.3 | 8.2 | 12.8 | 19.9 | 32.5 |
| 17.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.5 | 5.7 | 8.7 | 13.7 | 21.8 | 38.0 |
| 15° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.7 | 6.1 | 9.4 | 14.5 | 23.8 | 43.8 |
| 12.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.9 | 6.5 | 10.3 | 15.8 | 25.7 | 49.6 |
| 10° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 5.1 | 6.9 | 11.2 | 17.7 | 29.2 | 55.6 |
| 7.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 5.4 | 7.3 | 12.0 | 19.5 | 32.9 | 62.0 |
| 5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 5.6 | 7.6 | 12.9 | 21.2 | 36.4 | 67.8 |
| 2.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 5.9 | 7.9 | 13.6 | 22.9 | 39.8 | 73.1 |
| 0° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 6.1 | 8.2 | 14.3 | 24.5 | 42.9 | 77.7 |
| -2.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.3 | 6.8 | 10.1 | 18.1 | 32.9 | 57.9 | 100.1 |
| -5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.4 | 7.4 | 11.9 | 21.8 | 41.0 | 72.3 | 121.4 |
| -7.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.6 | 8.0 | 13.6 | 25.2 | 48.5 | 85.6 | 141.2 |
| -10° | 4.1 | 4.1 | 4.1 | 4.1 | 4.8 | 8.5 | 15.2 | 28.3 | 55.1 | 97.7 | 159.1 |
| -12.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.9 | 9.0 | 16.6 | 31.0 | 60.8 | 108.0 | 175.0 |
| -15° | 4.1 | 4.1 | 4.1 | 4.1 | 5.0 | 9.3 | 17.8 | 33.3 | 65.4 | 115.9 | 188.0 |
| -17.5° | 4.1 | 4.1 | 4.1 | 4.1 | 5.1 | 9.6 | 18.7 | 35.5 | 69.0 | 121.8 | 197.6 |
| -20° | 4.1 | 4.1 | 4.1 | 4.1 | 5.1 | 9.8 | 19.4 | 37.4 | 71.2 | 125.6 | 203.5 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 4.1 | 4.1 | 4.1 | 4.1 | 5.2 | 9.8 | 20.2 | 38.7 | 72.0 | 126.9 | 205.3 |
| -25° | 4.1 | 4.1 | 4.1 | 4.1 | 5.2 | 9.8 | 20.5 | 39.2 | 71.2 | 125.7 | 202.7 |
| -27.5° | 4.1 | 4.1 | 4.1 | 4.1 | 5.1 | 9.8 | 20.4 | 39.0 | 68.8 | 123.0 | 200.9 |
| -30° | 4.1 | 4.1 | 4.1 | 4.1 | 5.0 | 9.6 | 19.9 | 38.0 | 67.3 | 120.0 | 195.7 |
| -32.5° | 4.1 | 4.1 | 4.1 | 4.1 | 5.1 | 9.2 | 18.9 | 37.2 | 66.0 | 114.9 | 186.9 |
| -35° | 4.1 | 4.1 | 4.1 | 4.1 | 5.2 | 8.7 | 18.1 | 35.9 | 63.5 | 107.4 | 174.4 |
| -37.5° | 4.1 | 4.1 | 4.1 | 4.1 | 5.2 | 8.2 | 17.4 | 34.0 | 59.9 | 97.6 | 159.0 |
| -40° | 4.1 | 4.1 | 4.1 | 4.1 | 5.1 | 8.2 | 16.4 | 31.4 | 55.2 | 90.6 | 143.4 |
| -42.5° | 4.1 | 4.1 | 4.1 | 4.1 | 5.2 | 8.1 | 15.0 | 28.1 | 50.8 | 82.6 | 125.5 |
| -45° | 4.1 | 4.1 | 4.1 | 4.2 | 5.2 | 8.0 | 13.4 | 25.0 | 46.1 | 73.5 | 106.8 |
| -47.5° | 4.1 | 4.1 | 4.1 | 4.2 | 5.3 | 7.8 | 11.5 | 22.7 | 40.6 | 63.5 | 95.5 |
| -50° | 4.1 | 4.1 | 4.1 | 4.2 | 5.3 | 7.5 | 10.9 | 20.0 | 33.5 | 55.3 | 83.0 |
| -52.5° | 4.1 | 4.1 | 4.1 | 4.3 | 5.2 | 7.2 | 10.5 | 16.9 | 28.4 | 46.2 | 69.8 |
| -55° | 4.1 | 4.1 | 4.1 | 4.3 | 5.1 | 7.0 | 10.1 | 13.8 | 24.1 | 36.2 | 58.1 |
| -57.5° | 4.1 | 4.1 | 4.1 | 4.3 | 5.0 | 6.8 | 9.5 | 13.1 | 19.5 | 29.8 | 45.4 |
| -60° | 4.1 | 4.1 | 4.1 | 4.2 | 4.8 | 6.4 | 8.9 | 12.2 | 15.5 | 24.3 | 34.2 |
| -62.5° | 4.1 | 4.1 | 4.1 | 4.2 | 4.8 | 6.1 | 8.3 | 11.3 | 14.4 | 18.7 | 27.8 |
| -65° | 4.1 | 4.1 | 4.1 | 4.2 | 4.7 | 5.6 | 7.6 | 10.3 | 13.1 | 16.3 | 21.2 |
| -67.5° | 4.1 | 4.1 | 4.1 | 4.2 | 4.5 | 5.3 | 6.9 | 9.2 | 11.7 | 14.6 | 17.8 |
| -70° | 4.1 | 4.1 | 4.1 | 4.1 | 4.4 | 5.0 | 6.0 | 8.2 | 10.5 | 12.8 | 15.6 |
| -72.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.3 | 4.8 | 5.6 | 7.1 | 9.3 | 11.4 | 13.6 |
| -75° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.5 | 5.1 | 6.4 | 8.0 | 10.0 | 12.0 |
| -77.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 4.6 | 5.7 | 7.1 | 8.6 | 10.4 |
| -80° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 5.0 | 6.1 | 7.4 | 8.8 |
| -82.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.5 | 5.1 | 6.1 | 7.1 |
| -85° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.4 | 4.8 | 5.2 | 5.8 |
| -87.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.2 | 4.4 | 4.7 | 4.9 |
| -90° | 4.1 | 3.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |



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 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 |
| 80° | 2.0 | 2.0 | 2.1 | 2.0 | 2.2 | 2.5 | 3.0 | 3.6 | 4.0 | 4.1 | 4.1 |
| 77.5° | 2.5 | 2.6 | 2.4 | 2.1 | 2.4 | 2.9 | 3.4 | 4.0 | 4.1 | 4.1 | 4.1 |
| 75° | 3.3 | 3.2 | 2.7 | 2.2 | 2.3 | 2.8 | 3.4 | 3.9 | 4.1 | 4.1 | 4.1 |
| 72.5° | 3.8 | 3.3 | 2.8 | 2.3 | 2.7 | 3.4 | 3.8 | 4.1 | 5.1 | 6.3 | 7.1 |
| 70° | 3.9 | 3.4 | 3.2 | 3.3 | 3.7 | 4.5 | 6.3 | 8.6 | 10.8 | 11.6 | 12.3 |
| 67.5° | 4.0 | 3.7 | 3.8 | 4.3 | 5.7 | 7.7 | 10.3 | 13.5 | 16.7 | 17.8 | 19.0 |
| 65° | 4.1 | 4.0 | 4.6 | 6.0 | 8.0 | 11.1 | 14.6 | 18.3 | 23.9 | 26.7 | 28.0 |
| 62.5° | 4.1 | 4.4 | 5.5 | 7.7 | 11.0 | 14.7 | 19.4 | 25.5 | 32.8 | 37.6 | 37.4 |
| 60° | 4.1 | 4.6 | 6.8 | 10.2 | 14.0 | 18.4 | 24.4 | 32.8 | 43.3 | 50.8 | 45.8 |
| 57.5° | 4.1 | 5.5 | 8.8 | 12.5 | 16.6 | 21.5 | 29.9 | 40.3 | 49.9 | 60.0 | 51.4 |
| 55° | 4.7 | 7.0 | 10.6 | 14.6 | 19.4 | 25.3 | 33.5 | 41.7 | 52.2 | 56.0 | 46.8 |
| 52.5° | 6.3 | 8.6 | 12.1 | 16.8 | 22.6 | 27.3 | 31.8 | 39.2 | 43.1 | 44.9 | 38.6 |
| 50° | 7.8 | 10.4 | 13.6 | 19.3 | 24.4 | 27.0 | 27.6 | 32.2 | 34.0 | 32.4 | 29.4 |
| 47.5° | 9.5 | 12.2 | 15.6 | 21.1 | 24.6 | 25.8 | 24.8 | 25.7 | 25.6 | 25.2 | 21.2 |
| 45° | 11.3 | 14.4 | 18.0 | 21.8 | 24.3 | 24.1 | 23.6 | 20.7 | 23.5 | 22.7 | 20.9 |
| 42.5° | 13.2 | 16.5 | 20.1 | 22.7 | 23.3 | 24.6 | 24.4 | 25.2 | 25.3 | 26.5 | 28.6 |
| 40° | 15.0 | 18.5 | 22.6 | 24.4 | 23.7 | 27.5 | 33.0 | 35.8 | 32.1 | 38.8 | 44.5 |
| 37.5° | 16.5 | 21.0 | 26.3 | 30.5 | 28.1 | 36.4 | 45.4 | 59.7 | 61.8 | 57.4 | 73.3 |
| 35° | 17.9 | 23.9 | 34.9 | 44.6 | 47.0 | 50.9 | 76.1 | 99.0 | 113.2 | 104.9 | 117.1 |
| 32.5° | 20.0 | 27.0 | 46.6 | 67.8 | 84.6 | 89.3 | 115.8 | 163.9 | 191.9 | 196.7 | 188.7 |
| 30° | 23.5 | 38.0 | 64.2 | 97.1 | 134.6 | 168.3 | 191.5 | 246.4 | 292.3 | 342.3 | 372.0 |
| 27.5° | 28.8 | 52.2 | 92.3 | 143.3 | 199.9 | 262.8 | 315.0 | 357.4 | 441.3 | 526.4 | 599.6 |
| 25° | 34.9 | 81.1 | 124.5 | 201.1 | 291.0 | 377.8 | 450.5 | 515.5 | 626.0 | 758.8 | 981.1 |
| 22.5° | 50.1 | 118.2 | 178.3 | 266.1 | 392.3 | 502.2 | 600.3 | 701.3 | 836.2 | 1015.2 | 1480.0 |
| 20° | 77.2 | 164.6 | 239.5 | 333.0 | 496.9 | 631.9 | 756.4 | 883.5 | 1052.4 | 1427.2 | 2447.1 |
| 17.5° | 108.3 | 212.9 | 298.5 | 406.8 | 574.8 | 746.5 | 917.4 | 1057.3 | 1262.0 | 1815.1 | 3511.9 |
| 15° | 142.6 | 262.7 | 351.7 | 474.3 | 648.6 | 835.5 | 1026.4 | 1226.7 | 1538.8 | 2332.1 | 4522.6 |
| 12.5° | 178.8 | 313.1 | 399.7 | 535.5 | 717.9 | 920.1 | 1113.8 | 1330.7 | 1788.8 | 3116.4 | 5808.6 |
| 10° | 215.7 | 363.1 | 442.9 | 590.5 | 782.2 | 999.5 | 1191.8 | 1418.4 | 1984.5 | 3618.4 | 6706.6 |
| 7.5° | 239.3 | 398.7 | 478.3 | 639.5 | 841.0 | 1072.8 | 1260.8 | 1490.6 | 2150.5 | 3937.0 | 7334.2 |
| 5° | 257.2 | 416.9 | 489.9 | 661.6 | 879.7 | 1126.2 | 1314.3 | 1548.6 | 2284.2 | 4092.8 | 7768.0 |
| 2.5° | 270.8 | 431.1 | 499.4 | 674.8 | 903.2 | 1151.2 | 1330.3 | 1570.3 | 2339.5 | 4186.9 | 8068.6 |
| 0° | 280.0 | 441.4 | 506.8 | 682.6 | 919.6 | 1166.9 | 1338.5 | 1581.7 | 2348.1 | 4213.8 | 8215.2 |
| -2.5° | 295.3 | 449.5 | 522.1 | 696.4 | 928.3 | 1171.9 | 1345.4 | 1590.6 | 2382.4 | 4339.8 | 8439.1 |
| -5° | 306.6 | 454.3 | 535.1 | 704.9 | 929.5 | 1168.3 | 1345.4 | 1588.5 | 2362.6 | 4296.1 | 8156.6 |
| -7.5° | 314.2 | 456.3 | 545.3 | 707.7 | 917.2 | 1142.7 | 1318.0 | 1543.2 | 2238.6 | 4019.8 | 7389.4 |
| -10° | 319.7 | 463.0 | 558.2 | 703.4 | 890.0 | 1101.0 | 1279.3 | 1488.2 | 2078.8 | 3631.5 | 6500.6 |
| -12.5° | 328.3 | 473.8 | 570.8 | 697.1 | 861.6 | 1053.3 | 1234.5 | 1424.4 | 1885.3 | 3131.6 | 5495.8 |
| -15° | 332.7 | 482.8 | 582.5 | 689.7 | 833.7 | 1000.4 | 1183.6 | 1352.4 | 1668.3 | 2528.4 | 4380.3 |
| -17.5° | 332.7 | 490.2 | 593.6 | 682.3 | 807.9 | 942.8 | 1132.7 | 1300.2 | 1515.4 | 2157.4 | 3602.8 |
| -20° | 328.6 | 496.5 | 604.4 | 675.5 | 786.6 | 907.1 | 1091.2 | 1263.4 | 1452.9 | 1879.7 | 2831.4 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| -22.5° | 320.1 | 501.8 | 611.3 | 680.9 | 778.8 | 892.3 | 1043.7 | 1219.4 | 1387.9 | 1583.0 | 2242.5 |
| -25° | 314.5 | 488.4 | 612.2 | 686.4 | 770.6 | 876.5 | 992.5 | 1167.5 | 1327.2 | 1515.1 | 1932.3 |
| -27.5° | 310.8 | 469.9 | 601.0 | 687.7 | 760.4 | 861.0 | 962.9 | 1106.6 | 1280.8 | 1455.3 | 1646.0 |
| -30° | 301.1 | 436.3 | 585.5 | 681.4 | 756.2 | 846.9 | 942.9 | 1051.1 | 1227.4 | 1396.6 | 1572.3 |
| -32.5° | 282.0 | 401.1 | 550.9 | 660.8 | 749.5 | 831.2 | 922.5 | 1020.0 | 1159.4 | 1334.0 | 1495.3 |
| -35° | 259.8 | 373.8 | 508.4 | 635.1 | 736.2 | 815.7 | 899.2 | 991.2 | 1093.9 | 1252.4 | 1431.9 |
| -37.5° | 239.2 | 342.0 | 464.7 | 597.1 | 703.2 | 799.5 | 872.3 | 959.6 | 1055.0 | 1164.3 | 1343.5 |
| -40° | 214.7 | 305.9 | 423.7 | 548.4 | 667.3 | 772.9 | 854.9 | 924.9 | 1013.0 | 1124.3 | 1235.4 |
| -42.5° | 187.5 | 274.6 | 379.5 | 498.3 | 616.1 | 728.6 | 834.7 | 903.0 | 980.9 | 1084.6 | 1191.0 |
| -45° | 165.0 | 239.1 | 332.2 | 442.1 | 555.5 | 672.9 | 780.8 | 887.3 | 962.0 | 1045.2 | 1146.2 |
| -47.5° | 139.9 | 202.6 | 287.7 | 381.5 | 489.6 | 601.1 | 716.7 | 827.4 | 941.3 | 1021.0 | 1100.3 |
| -50° | 115.9 | 171.5 | 238.4 | 324.7 | 418.9 | 524.0 | 632.8 | 754.4 | 869.1 | 980.1 | 1072.0 |
| -52.5° | 100.6 | 137.6 | 197.6 | 267.2 | 351.0 | 442.5 | 546.2 | 658.5 | 776.8 | 894.7 | 995.8 |
| -55° | 84.2 | 115.3 | 156.6 | 216.2 | 284.6 | 364.9 | 454.0 | 556.9 | 664.2 | 777.1 | 884.0 |
| -57.5° | 68.4 | 95.3 | 125.9 | 167.6 | 225.5 | 288.8 | 366.1 | 450.9 | 547.2 | 647.1 | 736.5 |
| -60° | 52.4 | 75.3 | 101.6 | 131.8 | 168.6 | 222.9 | 278.3 | 348.4 | 428.5 | 509.2 | 587.1 |
| -62.5° | 37.2 | 55.8 | 77.9 | 102.7 | 131.7 | 161.2 | 205.4 | 256.6 | 309.8 | 375.2 | 439.9 |
| -65° | 29.8 | 38.6 | 54.9 | 75.7 | 97.8 | 123.2 | 149.6 | 176.6 | 219.9 | 263.2 | 304.6 |
| -67.5° | 22.0 | 29.8 | 38.1 | 48.9 | 67.8 | 86.7 | 107.2 | 130.7 | 154.4 | 176.4 | 202.9 |
| -70° | 18.6 | 21.5 | 27.7 | 35.3 | 42.7 | 51.6 | 68.1 | 85.8 | 104.0 | 121.4 | 139.8 |
| -72.5° | 16.0 | 18.7 | 21.3 | 23.8 | 29.6 | 35.2 | 40.4 | 45.2 | 55.6 | 70.0 | 84.0 |
| -75° | 13.8 | 15.9 | 18.2 | 20.6 | 22.4 | 24.2 | 26.5 | 30.9 | 35.3 | 39.5 | 43.4 |
| -77.5° | 11.6 | 13.1 | 14.8 | 17.0 | 18.6 | 19.8 | 21.1 | 22.6 | 24.5 | 26.7 | 29.0 |
| -80° | 9.5 | 10.2 | 11.2 | 12.5 | 14.0 | 15.2 | 16.4 | 17.3 | 18.4 | 19.8 | 21.4 |
| -82.5° | 7.7 | 8.1 | 8.6 | 9.0 | 9.9 | 10.8 | 11.9 | 13.0 | 13.7 | 14.4 | 15.2 |
| -85° | 5.9 | 6.1 | 6.4 | 6.7 | 7.1 | 7.6 | 8.1 | 8.7 | 9.3 | 9.9 | 10.4 |
| -87.5° | 5.0 | 5.1 | 5.2 | 5.2 | 5.3 | 5.4 | 5.5 | 5.5 | 6.0 | 6.4 | 6.9 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| 90° | 4.1 | 4.6 | 5.1 | 5.6 | 6.1 | 6.6 | 7.2 | 7.7 | 8.2 | 8.2 | 8.2 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 3.0 | 2.9 | 2.7 | 2.4 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 80° | 4.1 | 3.8 | 3.6 | 3.4 | 3.3 | 3.1 | 2.8 | 2.5 | 2.0 | 2.0 | 2.0 |
| 77.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.7 | 3.1 | 2.6 | 2.1 | 2.0 | 2.0 |
| 75° | 4.1 | 4.2 | 4.5 | 4.5 | 4.2 | 3.9 | 3.8 | 3.7 | 3.7 | 3.4 | 3.0 |
| 72.5° | 7.4 | 7.2 | 6.9 | 6.9 | 6.6 | 6.6 | 6.6 | 6.3 | 5.8 | 5.7 | 5.8 |
| 70° | 13.0 | 13.4 | 13.4 | 12.9 | 11.7 | 10.5 | 9.7 | 8.8 | 8.0 | 7.5 | 7.1 |
| 67.5° | 20.1 | 20.3 | 19.2 | 17.4 | 14.5 | 12.0 | 10.9 | 9.8 | 8.7 | 8.4 | 8.8 |
| 65° | 27.9 | 25.4 | 22.4 | 19.1 | 15.5 | 12.1 | 11.2 | 10.5 | 9.9 | 10.0 | 10.7 |
| 62.5° | 34.5 | 27.9 | 22.4 | 18.5 | 15.2 | 12.1 | 11.1 | 10.2 | 9.4 | 8.8 | 8.7 |
| 60° | 38.2 | 28.0 | 20.2 | 16.7 | 13.5 | 10.6 | 9.4 | 8.8 | 8.4 | 8.2 | 8.2 |
| 57.5° | 38.2 | 26.4 | 17.5 | 14.4 | 11.6 | 9.1 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 |
| 55° | 33.9 | 23.1 | 15.0 | 12.4 | 10.5 | 9.0 | 8.3 | 8.5 | 8.5 | 8.2 | 8.6 |
| 52.5° | 26.6 | 19.1 | 14.0 | 11.6 | 10.8 | 10.3 | 10.0 | 9.9 | 9.8 | 9.5 | 9.8 |
| 50° | 21.1 | 15.9 | 13.5 | 12.1 | 12.0 | 12.1 | 12.1 | 12.2 | 12.5 | 12.7 | 12.8 |
| 47.5° | 17.7 | 14.9 | 15.2 | 14.0 | 14.5 | 15.8 | 16.0 | 16.2 | 16.8 | 16.9 | 16.6 |
| 45° | 18.1 | 21.1 | 21.7 | 21.4 | 21.1 | 24.0 | 23.8 | 21.9 | 24.5 | 25.2 | 24.7 |
| 42.5° | 30.0 | 32.5 | 34.2 | 35.8 | 37.6 | 39.8 | 41.0 | 40.3 | 42.7 | 42.6 | 39.9 |
| 40° | 50.8 | 48.4 | 52.2 | 56.9 | 61.0 | 62.6 | 66.5 | 70.5 | 72.0 | 71.1 | 68.4 |
| 37.5° | 83.3 | 79.6 | 80.0 | 90.4 | 99.9 | 88.6 | 105.3 | 112.0 | 107.8 | 122.6 | 125.6 |
| 35° | 138.3 | 153.0 | 131.9 | 169.1 | 187.6 | 178.5 | 198.4 | 237.8 | 207.4 | 263.1 | 276.7 |
| 32.5° | 245.9 | 281.1 | 303.1 | 334.6 | 380.9 | 441.7 | 457.1 | 554.1 | 585.2 | 630.2 | 678.5 |
| 30° | 401.9 | 501.2 | 684.0 | 718.1 | 762.2 | 972.0 | 1029.6 | 1082.4 | 1192.8 | 1277.9 | 1422.6 |
| 27.5° | 730.2 | 997.9 | 1380.3 | 1716.8 | 1692.2 | 2047.1 | 2442.0 | 1999.7 | 2655.9 | 2392.7 | 3022.2 |
| 25° | 1367.5 | 1957.7 | 2879.4 | 3771.2 | 4196.9 | 4920.1 | 5824.5 | 5653.2 | 6846.6 | 6929.4 | 8689.5 |
| 22.5° | 2601.0 | 3883.1 | 5292.5 | 6808.6 | 8279.4 | 9907.0 | 11471.0 | 13110.7 | 15575.8 | 18981.8 | 22292.1 |
| 20° | 4255.7 | 6140.7 | 8417.0 | 10764.5 | 13253.9 | 15785.2 | 18726.2 | 23706.5 | 28812.9 | 35901.0 | 40908.4 |
| 17.5° | 6048.6 | 9048.7 | 11843.1 | 14751.5 | 18231.8 | 22439.4 | 28522.8 | 37032.6 | 47354.5 | 57950.2 | 66147.0 |
| 15° | 7614.7 | 11008.7 | 15036.5 | 18914.0 | 23241.5 | 29557.4 | 39112.0 | 51716.7 | 67066.7 | 83174.4 | 102652.5 |
| 12.5° | 9130.0 | 12675.2 | 17052.3 | 21956.9 | 27837.6 | 36877.4 | 49262.4 | 66296.4 | 86631.5 | 110836.4 | 135853.6 |
| 10° | 10306.0 | 14195.9 | 19067.7 | 24591.0 | 31768.6 | 42871.3 | 57263.6 | 77374.6 | 107508.0 | 136081.7 | 164649.6 |
| 7.5° | 11225.0 | 15600.9 | 20761.4 | 26558.2 | 34915.6 | 47417.3 | 64636.5 | 89952.5 | 121791.0 | 152706.8 | 179020.0 |
| 5° | 12041.8 | 16756.2 | 21908.8 | 27666.9 | 37181.1 | 50724.9 | 69267.5 | 98179.5 | 132155.4 | 162539.7 | 187578.9 |
| 2.5° | 12685.2 | 17511.6 | 22539.1 | 28222.3 | 38639.5 | 52550.7 | 71709.8 | 102594.6 | 138836.1 | 168833.4 | 192742.4 |
| 0° | 13074.8 | 17646.2 | 22644.8 | 28340.3 | 38750.2 | 53378.1 | 73615.6 | 104526.6 | 141219.0 | 171913.4 | 195428.8 |
| -2.5° | 12935.2 | 17344.5 | 22302.1 | 27993.6 | 38384.7 | 52602.8 | 72082.6 | 103547.7 | 139199.7 | 167917.2 | 191567.6 |
| -5° | 12239.9 | 16357.4 | 20960.9 | 26315.9 | 35960.2 | 49657.4 | 67737.2 | 96429.8 | 129941.2 | 158610.0 | 180865.0 |
| -7.5° | 11143.6 | 14977.9 | 19204.3 | 24161.8 | 32501.8 | 44879.0 | 61354.5 | 85771.7 | 116193.5 | 142646.0 | 162730.0 |
| -10° | 9917.2 | 13378.6 | 17040.4 | 21431.3 | 27950.4 | 38456.6 | 52214.8 | 70859.1 | 96950.1 | 120734.1 | 139723.8 |
| -12.5° | 8443.0 | 11322.8 | 14401.0 | 18187.6 | 23128.6 | 31693.7 | 43261.1 | 58385.3 | 76526.4 | 97690.9 | 114979.1 |
| -15° | 6911.0 | 9331.9 | 11879.8 | 15431.7 | 19645.7 | 25101.7 | 33416.4 | 45440.1 | 58905.9 | 73361.5 | 89047.4 |
| -17.5° | 5549.7 | 7599.4 | 10300.9 | 13292.5 | 16504.3 | 20301.0 | 27175.8 | 35370.0 | 45115.2 | 55426.1 | 64892.8 |
| -20° | 4458.1 | 6632.1 | 9058.9 | 11660.5 | 14611.7 | 18262.6 | 22485.8 | 28711.3 | 35938.1 | 43853.2 | 51436.8 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 3667.3 | 5616.9 | 7870.5 | 10310.9 | 13296.5 | 16583.1 | 20003.4 | 23910.4 | 29096.6 | 35181.9 | 41007.8 |
| -25° | 2793.1 | 4422.4 | 6608.5 | 9069.7 | 11820.1 | 14718.5 | 17494.7 | 20679.6 | 24471.1 | 28430.5 | 32510.0 |
| -27.5° | 2214.0 | 3364.0 | 5159.1 | 7470.3 | 10015.2 | 12284.5 | 14663.1 | 17315.1 | 20630.7 | 24075.5 | 26345.3 |
| -30° | 1807.0 | 2480.4 | 3827.8 | 5633.6 | 7760.5 | 9763.2 | 11716.2 | 14099.6 | 16702.4 | 19174.7 | 21181.3 |
| -32.5° | 1688.0 | 1989.3 | 2686.5 | 3973.5 | 5571.0 | 7358.4 | 9111.7 | 11239.3 | 13259.4 | 15215.9 | 16941.1 |
| -35° | 1604.1 | 1796.7 | 2059.7 | 2731.1 | 3693.3 | 5145.9 | 6747.8 | 8548.2 | 10371.5 | 11952.0 | 13415.2 |
| -37.5° | 1525.9 | 1693.0 | 1867.1 | 2040.3 | 2582.0 | 3246.8 | 4374.9 | 5799.0 | 7182.1 | 8461.1 | 9720.6 |
| -40° | 1414.2 | 1597.4 | 1738.0 | 1886.1 | 2047.3 | 2230.3 | 2820.7 | 3402.5 | 4079.6 | 5060.4 | 5919.7 |
| -42.5° | 1295.7 | 1448.4 | 1608.6 | 1747.2 | 1882.0 | 2022.6 | 2171.5 | 2319.4 | 2628.8 | 3013.7 | 3328.9 |
| -45° | 1246.2 | 1338.1 | 1448.2 | 1593.0 | 1728.4 | 1854.7 | 1975.8 | 2092.9 | 2216.6 | 2329.5 | 2421.7 |
| -47.5° | 1187.0 | 1270.6 | 1359.6 | 1454.0 | 1553.5 | 1675.4 | 1795.2 | 1914.4 | 2022.6 | 2123.2 | 2203.4 |
| -50° | 1132.4 | 1198.0 | 1277.6 | 1357.8 | 1437.3 | 1519.2 | 1601.8 | 1693.8 | 1797.2 | 1899.0 | 1982.7 |
| -52.5° | 1087.6 | 1147.7 | 1204.7 | 1261.6 | 1330.7 | 1400.1 | 1469.6 | 1542.8 | 1613.3 | 1680.1 | 1732.2 |
| -55° | 979.0 | 1063.6 | 1147.0 | 1200.7 | 1247.3 | 1294.5 | 1347.0 | 1412.7 | 1475.3 | 1534.6 | 1569.5 |
| -57.5° | 831.1 | 929.1 | 1019.2 | 1082.6 | 1147.6 | 1213.3 | 1267.6 | 1314.5 | 1361.9 | 1407.1 | 1431.8 |
| -60° | 666.6 | 747.1 | 828.7 | 904.3 | 976.5 | 1044.7 | 1108.0 | 1169.6 | 1226.6 | 1274.6 | 1303.7 |
| -62.5° | 503.8 | 570.7 | 636.9 | 700.1 | 760.9 | 820.1 | 887.6 | 952.6 | 1014.5 | 1064.9 | 1096.0 |
| -65° | 350.7 | 405.5 | 456.9 | 506.1 | 553.3 | 603.8 | 656.2 | 707.1 | 756.0 | 794.9 | 820.4 |
| -67.5° | 238.5 | 272.3 | 302.9 | 332.2 | 368.1 | 406.9 | 445.4 | 481.1 | 513.9 | 539.1 | 557.0 |
| -70° | 158.5 | 176.5 | 192.7 | 211.7 | 235.1 | 258.7 | 282.5 | 304.6 | 324.7 | 339.8 | 351.1 |
| -72.5° | 97.5 | 110.0 | 121.7 | 134.4 | 146.4 | 158.8 | 171.7 | 184.4 | 196.6 | 205.4 | 212.1 |
| -75° | 46.9 | 52.6 | 63.0 | 72.4 | 80.8 | 88.7 | 95.9 | 102.2 | 107.6 | 111.1 | 113.3 |
| -77.5° | 32.0 | 34.7 | 37.2 | 39.7 | 42.3 | 45.5 | 48.8 | 51.9 | 54.8 | 57.1 | 59.2 |
| -80° | 23.1 | 24.5 | 25.7 | 26.7 | 27.6 | 28.9 | 30.4 | 31.8 | 33.2 | 33.8 | 34.1 |
| -82.5° | 16.0 | 17.0 | 18.1 | 19.1 | 20.1 | 21.1 | 22.0 | 22.8 | 23.6 | 24.4 | 25.1 |
| -85° | 10.8 | 11.3 | 11.9 | 12.5 | 13.1 | 13.9 | 14.5 | 15.2 | 15.9 | 16.0 | 16.1 |
| -87.5° | 7.5 | 7.6 | 7.8 | 7.9 | 8.0 | 8.5 | 9.1 | 9.6 | 10.1 | 10.2 | 10.2 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 1.0 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 7.7 |
| 87.5° | 2.0 | 2.0 | 1.0 | 0.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 80° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 |
| 77.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.6 |
| 75° | 2.5 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 | 3.0 | 3.4 | 3.7 | 3.7 |
| 72.5° | 5.9 | 6.0 | 5.1 | 4.1 | 5.1 | 6.0 | 5.9 | 5.8 | 5.7 | 5.8 | 6.3 |
| 70° | 6.7 | 6.2 | 6.1 | 6.1 | 6.1 | 6.2 | 6.7 | 7.1 | 7.5 | 8.0 | 8.8 |
| 67.5° | 9.3 | 10.0 | 10.2 | 10.2 | 10.2 | 10.0 | 9.3 | 8.8 | 8.4 | 8.7 | 9.8 |
| 65° | 11.4 | 12.1 | 11.3 | 10.2 | 11.3 | 12.1 | 11.4 | 10.7 | 10.0 | 9.9 | 10.5 |
| 62.5° | 8.5 | 8.4 | 8.2 | 8.2 | 8.2 | 8.4 | 8.5 | 8.7 | 8.8 | 9.4 | 10.2 |
| 60° | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.4 | 8.8 |
| 57.5° | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 | 8.2 |
| 55° | 9.2 | 9.9 | 10.2 | 10.2 | 10.2 | 9.9 | 9.2 | 8.6 | 8.2 | 8.5 | 8.5 |
| 52.5° | 10.1 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.1 | 9.8 | 9.5 | 9.8 | 9.9 |
| 50° | 12.7 | 12.4 | 12.3 | 12.3 | 12.3 | 12.4 | 12.7 | 12.8 | 12.7 | 12.5 | 12.2 |
| 47.5° | 15.9 | 14.8 | 14.3 | 14.3 | 14.3 | 14.8 | 15.9 | 16.6 | 16.9 | 16.8 | 16.2 |
| 45° | 24.8 | 24.5 | 24.3 | 24.5 | 24.3 | 24.5 | 24.8 | 24.7 | 25.2 | 24.5 | 21.9 |
| 42.5° | 41.5 | 42.1 | 41.4 | 38.8 | 41.4 | 42.1 | 41.5 | 39.9 | 42.6 | 42.7 | 40.3 |
| 40° | 68.5 | 65.9 | 62.4 | 61.3 | 62.4 | 65.9 | 68.5 | 68.4 | 71.1 | 72.0 | 70.5 |
| 37.5° | 127.2 | 127.1 | 124.2 | 122.6 | 124.2 | 127.1 | 127.2 | 125.6 | 122.6 | 107.8 | 112.0 |
| 35° | 267.5 | 265.4 | 250.9 | 237.1 | 250.9 | 265.4 | 267.5 | 276.7 | 263.1 | 207.4 | 237.8 |
| 32.5° | 694.9 | 731.7 | 728.3 | 707.1 | 728.3 | 731.7 | 694.9 | 678.5 | 630.2 | 585.2 | 554.1 |
| 30° | 1478.3 | 1544.3 | 1530.4 | 1442.8 | 1530.4 | 1544.3 | 1478.3 | 1422.6 | 1277.9 | 1192.8 | 1082.4 |
| 27.5° | 3055.5 | 3210.0 | 3346.1 | 3167.5 | 3346.1 | 3210.0 | 3055.5 | 3022.2 | 2392.7 | 2655.9 | 1999.7 |
| 25° | 10451.7 | 11456.7 | 12051.4 | 11127.2 | 12051.4 | 11456.7 | 10451.7 | 8689.5 | 6929.4 | 6846.6 | 5653.2 |
| 22.5° | 24943.9 | 26196.5 | 26864.9 | 27246.9 | 26864.9 | 26196.5 | 24943.9 | 22292.1 | 18981.8 | 15575.8 | 13110.7 |
| 20° | 45755.7 | 48434.1 | 50149.8 | 46693.6 | 50149.8 | 48434.1 | 45755.7 | 40908.4 | 35901.0 | 28812.9 | 23706.5 |
| 17.5° | 77518.0 | 87396.1 | 92596.9 | 95422.5 | 92596.9 | 87396.1 | 77518.0 | 66147.0 | 57950.2 | 47354.5 | 37032.6 |
| 15° | 117684.5 | 130323.4 | 138858.4 | 142199.9 | 138858.4 | 130323.4 | 117684.5 | 102652.5 | 83174.4 | 67066.7 | 51716.7 |
| 12.5° | 155662.4 | 168703.9 | 176578.7 | 178558.1 | 176578.7 | 168703.9 | 155662.4 | 135853.6 | 110836.4 | 86631.5 | 66296.4 |
| 10° | 182675.0 | 194963.1 | 204021.7 | 207201.8 | 204021.7 | 194963.1 | 182675.0 | 164649.6 | 136081.7 | 107508.0 | 77374.6 |
| 7.5° | 197713.0 | 212076.9 | 220060.8 | 222048.4 | 220060.8 | 212076.9 | 197713.0 | 179020.0 | 152706.8 | 121791.0 | 89952.5 |
| 5° | 206367.7 | 219345.7 | 228073.1 | 229131.4 | 228073.1 | 219345.7 | 206367.7 | 187578.9 | 162539.7 | 132155.4 | 98179.5 |
| 2.5° | 211948.0 | 224640.1 | 231983.1 | 234141.2 | 231983.1 | 224640.1 | 211948.0 | 192742.4 | 168833.4 | 138836.1 | 102594.6 |
| 0° | 213317.2 | 224987.0 | 233858.2 | 236619.0 | 233858.2 | 224987.0 | 213317.2 | 195428.8 | 171913.4 | 141219.0 | 104526.6 |
| -2.5° | 209171.2 | 220428.9 | 226338.1 | 227296.3 | 226338.1 | 220428.9 | 209171.2 | 191567.6 | 167917.2 | 139199.7 | 103547.7 |
| -5° | 198583.3 | 206909.3 | 213731.0 | 214603.6 | 213731.0 | 206909.3 | 198583.3 | 180865.0 | 158610.0 | 129941.2 | 96429.8 |
| -7.5° | 176093.0 | 185432.8 | 189205.8 | 190226.9 | 189205.8 | 185432.8 | 176093.0 | 162730.0 | 142646.0 | 116193.5 | 85771.7 |
| -10° | 152163.5 | 160164.9 | 162837.8 | 164280.7 | 162837.8 | 160164.9 | 152163.5 | 139723.8 | 120734.1 | 96950.1 | 70859.1 |
| -12.5° | 128736.6 | 136560.6 | 139189.7 | 141278.3 | 139189.7 | 136560.6 | 128736.6 | 114979.1 | 97690.9 | 76526.4 | 58385.3 |
| -15° | 102488.6 | 110193.2 | 114440.7 | 116792.2 | 114440.7 | 110193.2 | 102488.6 | 89047.4 | 73361.5 | 58905.9 | 45440.1 |
| -17.5° | 76907.2 | 84224.3 | 89168.0 | 92044.5 | 89168.0 | 84224.3 | 76907.2 | 64892.8 | 55426.1 | 45115.2 | 35370.0 |
| -20° | 58313.9 | 63266.1 | 67070.5 | 69328.2 | 67070.5 | 63266.1 | 58313.9 | 51436.8 | 43853.2 | 35938.1 | 28711.3 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 45551.8 | 48981.7 | 51185.7 | 52628.1 | 51185.7 | 48981.7 | 45551.8 | 41007.8 | 35181.9 | 29096.6 | 23910.4 |
| -25° | 35601.5 | 37852.5 | 39277.8 | 40444.3 | 39277.8 | 37852.5 | 35601.5 | 32510.0 | 28430.5 | 24471.1 | 20679.6 |
| -27.5° | 28188.9 | 29395.7 | 30025.7 | 30882.5 | 30025.7 | 29395.7 | 28188.9 | 26345.3 | 24075.5 | 20630.7 | 17315.1 |
| -30° | 22661.0 | 23587.1 | 24087.8 | 24273.5 | 24087.8 | 23587.1 | 22661.0 | 21181.3 | 19174.7 | 16702.4 | 14099.6 |
| -32.5° | 18238.3 | 19113.1 | 19745.0 | 20041.3 | 19745.0 | 19113.1 | 18238.3 | 16941.1 | 15215.9 | 13259.4 | 11239.3 |
| -35° | 14550.7 | 15280.5 | 15778.6 | 16052.3 | 15778.6 | 15280.5 | 14550.7 | 13415.2 | 11952.0 | 10371.5 | 8548.2 |
| -37.5° | 10763.6 | 11564.5 | 12112.8 | 12300.3 | 12112.8 | 11564.5 | 10763.6 | 9720.6 | 8461.1 | 7182.1 | 5799.0 |
| -40° | 6603.9 | 7114.1 | 7443.3 | 7581.7 | 7443.3 | 7114.1 | 6603.9 | 5919.7 | 5060.4 | 4079.6 | 3402.5 |
| -42.5° | 3574.6 | 3761.9 | 3891.9 | 3966.6 | 3891.9 | 3761.9 | 3574.6 | 3328.9 | 3013.7 | 2628.8 | 2319.4 |
| -45° | 2481.4 | 2528.8 | 2558.8 | 2570.8 | 2558.8 | 2528.8 | 2481.4 | 2421.7 | 2329.5 | 2216.6 | 2092.9 |
| -47.5° | 2262.1 | 2313.3 | 2340.6 | 2341.9 | 2340.6 | 2313.3 | 2262.1 | 2203.4 | 2123.2 | 2022.6 | 1914.4 |
| -50° | 2049.0 | 2104.7 | 2132.8 | 2135.5 | 2132.8 | 2104.7 | 2049.0 | 1982.7 | 1899.0 | 1797.2 | 1693.8 |
| -52.5° | 1779.5 | 1823.7 | 1843.0 | 1841.3 | 1843.0 | 1823.7 | 1779.5 | 1732.2 | 1680.1 | 1613.3 | 1542.8 |
| -55° | 1599.7 | 1626.1 | 1637.8 | 1638.9 | 1637.8 | 1626.1 | 1599.7 | 1569.5 | 1534.6 | 1475.3 | 1412.7 |
| -57.5° | 1453.9 | 1473.4 | 1480.2 | 1479.5 | 1480.2 | 1473.4 | 1453.9 | 1431.8 | 1407.1 | 1361.9 | 1314.5 |
| -60° | 1329.1 | 1350.3 | 1356.2 | 1352.8 | 1356.2 | 1350.3 | 1329.1 | 1303.7 | 1274.6 | 1226.6 | 1169.6 |
| -62.5° | 1121.4 | 1140.8 | 1150.5 | 1152.6 | 1150.5 | 1140.8 | 1121.4 | 1096.0 | 1064.9 | 1014.5 | 952.6 |
| -65° | 840.5 | 855.1 | 862.7 | 864.4 | 862.7 | 855.1 | 840.5 | 820.4 | 794.9 | 756.0 | 707.1 |
| -67.5° | 570.8 | 580.7 | 583.8 | 582.4 | 583.8 | 580.7 | 570.8 | 557.0 | 539.1 | 513.9 | 481.1 |
| -70° | 360.2 | 367.1 | 368.8 | 367.8 | 368.8 | 367.1 | 360.2 | 351.1 | 339.8 | 324.7 | 304.6 |
| -72.5° | 217.6 | 221.8 | 222.1 | 220.7 | 222.1 | 221.8 | 217.6 | 212.1 | 205.4 | 196.6 | 184.4 |
| -75° | 114.7 | 115.3 | 115.2 | 114.4 | 115.2 | 115.3 | 114.7 | 113.3 | 111.1 | 107.6 | 102.2 |
| -77.5° | 61.1 | 62.8 | 62.2 | 61.3 | 62.2 | 62.8 | 61.1 | 59.2 | 57.1 | 54.8 | 51.9 |
| -80° | 34.4 | 34.6 | 34.7 | 34.7 | 34.7 | 34.6 | 34.4 | 34.1 | 33.8 | 33.2 | 31.8 |
| -82.5° | 25.8 | 26.5 | 25.5 | 24.5 | 25.5 | 26.5 | 25.8 | 25.1 | 24.4 | 23.6 | 22.8 |
| -85° | 16.2 | 16.3 | 16.3 | 16.3 | 16.3 | 16.3 | 16.2 | 16.1 | 16.0 | 15.9 | 15.2 |
| -87.5° | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.1 | 9.6 |
| -90° | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.0 | 1.5 | 2.0 | 2.0 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 90° | 7.2 | 6.6 | 6.1 | 5.6 | 5.1 | 4.6 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 2.0 | 2.0 | 2.0 | 2.4 | 2.7 | 2.9 | 3.0 | 2.8 | 2.6 | 2.4 | 2.2 |
| 80° | 2.8 | 3.1 | 3.3 | 3.4 | 3.6 | 3.8 | 4.1 | 4.1 | 4.1 | 4.0 | 3.6 |
| 77.5° | 3.1 | 3.7 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 |
| 75° | 3.8 | 3.9 | 4.2 | 4.5 | 4.5 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 3.9 |
| 72.5° | 6.6 | 6.6 | 6.6 | 6.9 | 6.9 | 7.2 | 7.4 | 7.1 | 6.3 | 5.1 | 4.1 |
| 70° | 9.7 | 10.5 | 11.7 | 12.9 | 13.4 | 13.4 | 13.0 | 12.3 | 11.6 | 10.8 | 8.6 |
| 67.5° | 10.9 | 12.0 | 14.5 | 17.4 | 19.2 | 20.3 | 20.1 | 19.0 | 17.8 | 16.7 | 13.5 |
| 65° | 11.2 | 12.1 | 15.5 | 19.1 | 22.4 | 25.4 | 27.9 | 28.0 | 26.7 | 23.9 | 18.3 |
| 62.5° | 11.1 | 12.1 | 15.2 | 18.5 | 22.4 | 27.9 | 34.5 | 37.4 | 37.6 | 32.8 | 25.5 |
| 60° | 9.4 | 10.6 | 13.5 | 16.7 | 20.2 | 28.0 | 38.2 | 45.8 | 50.8 | 43.3 | 32.8 |
| 57.5° | 8.2 | 9.1 | 11.6 | 14.4 | 17.5 | 26.4 | 38.2 | 51.4 | 60.0 | 49.9 | 40.3 |
| 55° | 8.3 | 9.0 | 10.5 | 12.4 | 15.0 | 23.1 | 33.9 | 46.8 | 56.0 | 52.2 | 41.7 |
| 52.5° | 10.0 | 10.3 | 10.8 | 11.6 | 14.0 | 19.1 | 26.6 | 38.6 | 44.9 | 43.1 | 39.2 |
| 50° | 12.1 | 12.1 | 12.0 | 12.1 | 13.5 | 15.9 | 21.1 | 29.4 | 32.4 | 34.0 | 32.2 |
| 47.5° | 16.0 | 15.8 | 14.5 | 14.0 | 15.2 | 14.9 | 17.7 | 21.2 | 25.2 | 25.6 | 25.7 |
| 45° | 23.8 | 24.0 | 21.1 | 21.4 | 21.7 | 21.1 | 18.1 | 20.9 | 22.7 | 23.5 | 20.7 |
| 42.5° | 41.0 | 39.8 | 37.6 | 35.8 | 34.2 | 32.5 | 30.0 | 28.6 | 26.5 | 25.3 | 25.2 |
| 40° | 66.5 | 62.6 | 61.0 | 56.9 | 52.2 | 48.4 | 50.8 | 44.5 | 38.8 | 32.1 | 35.8 |
| 37.5° | 105.3 | 88.6 | 99.9 | 90.4 | 80.0 | 79.6 | 83.3 | 73.3 | 57.4 | 61.8 | 59.7 |
| 35° | 198.4 | 178.5 | 187.6 | 169.1 | 131.9 | 153.0 | 138.3 | 117.1 | 104.9 | 113.2 | 99.0 |
| 32.5° | 457.1 | 441.7 | 380.9 | 334.6 | 303.1 | 281.1 | 245.9 | 188.7 | 196.7 | 191.9 | 163.9 |
| 30° | 1029.6 | 972.0 | 762.2 | 718.1 | 684.0 | 501.2 | 401.9 | 372.0 | 342.3 | 292.3 | 246.4 |
| 27.5° | 2442.0 | 2047.1 | 1692.2 | 1716.8 | 1380.3 | 997.9 | 730.2 | 599.6 | 526.4 | 441.3 | 357.4 |
| 25° | 5824.5 | 4920.1 | 4196.9 | 3771.2 | 2879.4 | 1957.7 | 1367.5 | 981.1 | 758.8 | 626.0 | 515.5 |
| 22.5° | 11471.0 | 9907.0 | 8279.4 | 6808.6 | 5292.5 | 3883.1 | 2601.0 | 1480.0 | 1015.2 | 836.2 | 701.3 |
| 20° | 18726.2 | 15785.2 | 13253.9 | 10764.5 | 8417.0 | 6140.7 | 4255.7 | 2447.1 | 1427.2 | 1052.4 | 883.5 |
| 17.5° | 28522.8 | 22439.4 | 18231.8 | 14751.5 | 11843.1 | 9048.7 | 6048.6 | 3511.9 | 1815.1 | 1262.0 | 1057.3 |
| 15° | 39112.0 | 29557.4 | 23241.5 | 18914.0 | 15036.5 | 11008.7 | 7614.7 | 4522.6 | 2332.1 | 1538.8 | 1226.7 |
| 12.5° | 49262.4 | 36877.4 | 27837.6 | 21956.9 | 17052.3 | 12675.2 | 9130.0 | 5808.6 | 3116.4 | 1788.8 | 1330.7 |
| 10° | 57263.6 | 42871.3 | 31768.6 | 24591.0 | 19067.7 | 14195.9 | 10306.0 | 6706.6 | 3618.4 | 1984.5 | 1418.4 |
| 7.5° | 64636.5 | 47417.3 | 34915.6 | 26558.2 | 20761.4 | 15600.9 | 11225.0 | 7334.2 | 3937.0 | 2150.5 | 1490.6 |
| 5° | 69267.5 | 50724.9 | 37181.1 | 27666.9 | 21908.8 | 16756.2 | 12041.8 | 7768.0 | 4092.8 | 2284.2 | 1548.6 |
| 2.5° | 71709.8 | 52550.7 | 38639.5 | 28222.3 | 22539.1 | 17511.6 | 12685.2 | 8068.6 | 4186.9 | 2339.5 | 1570.3 |
| 0° | 73615.6 | 53378.1 | 38750.2 | 28340.3 | 22644.8 | 17646.2 | 13074.8 | 8215.2 | 4213.8 | 2348.1 | 1581.7 |
| -2.5° | 72082.6 | 52602.8 | 38384.7 | 27993.6 | 22302.1 | 17344.5 | 12935.2 | 8439.1 | 4339.8 | 2382.4 | 1590.6 |
| -5° | 67737.2 | 49657.4 | 35960.2 | 26315.9 | 20960.9 | 16357.4 | 12239.9 | 8156.6 | 4296.1 | 2362.6 | 1588.5 |
| -7.5° | 61354.5 | 44879.0 | 32501.8 | 24161.8 | 19204.3 | 14977.9 | 11143.6 | 7389.4 | 4019.8 | 2238.6 | 1543.2 |
| -10° | 52214.8 | 38456.6 | 27950.4 | 21431.3 | 17040.4 | 13378.6 | 9917.2 | 6500.6 | 3631.5 | 2078.8 | 1488.2 |
| -12.5° | 43261.1 | 31693.7 | 23128.6 | 18187.6 | 14401.0 | 11322.8 | 8443.0 | 5495.8 | 3131.6 | 1885.3 | 1424.4 |
| -15° | 33416.4 | 25101.7 | 19645.7 | 15431.7 | 11879.8 | 9331.9 | 6911.0 | 4380.3 | 2528.4 | 1668.3 | 1352.4 |
| -17.5° | 27175.8 | 20301.0 | 16504.3 | 13292.5 | 10300.9 | 7599.4 | 5549.7 | 3602.8 | 2157.4 | 1515.4 | 1300.2 |
| -20° | 22485.8 | 18262.6 | 14611.7 | 11660.5 | 9058.9 | 6632.1 | 4458.1 | 2831.4 | 1879.7 | 1452.9 | 1263.4 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 20003.4 | 16583.1 | 13296.5 | 10310.9 | 7870.5 | 5616.9 | 3667.3 | 2242.5 | 1583.0 | 1387.9 | 1219.4 |
| -25° | 17494.7 | 14718.5 | 11820.1 | 9069.7 | 6608.5 | 4422.4 | 2793.1 | 1932.3 | 1515.1 | 1327.2 | 1167.5 |
| -27.5° | 14663.1 | 12284.5 | 10015.2 | 7470.3 | 5159.1 | 3364.0 | 2214.0 | 1646.0 | 1455.3 | 1280.8 | 1106.6 |
| -30° | 11716.2 | 9763.2 | 7760.5 | 5633.6 | 3827.8 | 2480.4 | 1807.0 | 1572.3 | 1396.6 | 1227.4 | 1051.1 |
| -32.5° | 9111.7 | 7358.4 | 5571.0 | 3973.5 | 2686.5 | 1989.3 | 1688.0 | 1495.3 | 1334.0 | 1159.4 | 1020.0 |
| -35° | 6747.8 | 5145.9 | 3693.3 | 2731.1 | 2059.7 | 1796.7 | 1604.1 | 1431.9 | 1252.4 | 1093.9 | 991.2 |
| -37.5° | 4374.9 | 3246.8 | 2582.0 | 2040.3 | 1867.1 | 1693.0 | 1525.9 | 1343.5 | 1164.3 | 1055.0 | 959.6 |
| -40° | 2820.7 | 2230.3 | 2047.3 | 1886.1 | 1738.0 | 1597.4 | 1414.2 | 1235.4 | 1124.3 | 1013.0 | 924.9 |
| -42.5° | 2171.5 | 2022.6 | 1882.0 | 1747.2 | 1608.6 | 1448.4 | 1295.7 | 1191.0 | 1084.6 | 980.9 | 903.0 |
| -45° | 1975.8 | 1854.7 | 1728.4 | 1593.0 | 1448.2 | 1338.1 | 1246.2 | 1146.2 | 1045.2 | 962.0 | 887.3 |
| -47.5° | 1795.2 | 1675.4 | 1553.5 | 1454.0 | 1359.6 | 1270.6 | 1187.0 | 1100.3 | 1021.0 | 941.3 | 827.4 |
| -50° | 1601.8 | 1519.2 | 1437.3 | 1357.8 | 1277.6 | 1198.0 | 1132.4 | 1072.0 | 980.1 | 869.1 | 754.4 |
| -52.5° | 1469.6 | 1400.1 | 1330.7 | 1261.6 | 1204.7 | 1147.7 | 1087.6 | 995.8 | 894.7 | 776.8 | 658.5 |
| -55° | 1347.0 | 1294.5 | 1247.3 | 1200.7 | 1147.0 | 1063.6 | 979.0 | 884.0 | 777.1 | 664.2 | 556.9 |
| -57.5° | 1267.6 | 1213.3 | 1147.6 | 1082.6 | 1019.2 | 929.1 | 831.1 | 736.5 | 647.1 | 547.2 | 450.9 |
| -60° | 1108.0 | 1044.7 | 976.5 | 904.3 | 828.7 | 747.1 | 666.6 | 587.1 | 509.2 | 428.5 | 348.4 |
| -62.5° | 887.6 | 820.1 | 760.9 | 700.1 | 636.9 | 570.7 | 503.8 | 439.9 | 375.2 | 309.8 | 256.6 |
| -65° | 656.2 | 603.8 | 553.3 | 506.1 | 456.9 | 405.5 | 350.7 | 304.6 | 263.2 | 219.9 | 176.6 |
| -67.5° | 445.4 | 406.9 | 368.1 | 332.2 | 302.9 | 272.3 | 238.5 | 202.9 | 176.4 | 154.4 | 130.7 |
| -70° | 282.5 | 258.7 | 235.1 | 211.7 | 192.7 | 176.5 | 158.5 | 139.8 | 121.4 | 104.0 | 85.8 |
| -72.5° | 171.7 | 158.8 | 146.4 | 134.4 | 121.7 | 110.0 | 97.5 | 84.0 | 70.0 | 55.6 | 45.2 |
| -75° | 95.9 | 88.7 | 80.8 | 72.4 | 63.0 | 52.6 | 46.9 | 43.4 | 39.5 | 35.3 | 30.9 |
| -77.5° | 48.8 | 45.5 | 42.3 | 39.7 | 37.2 | 34.7 | 32.0 | 29.0 | 26.7 | 24.5 | 22.6 |
| -80° | 30.4 | 28.9 | 27.6 | 26.7 | 25.7 | 24.5 | 23.1 | 21.4 | 19.8 | 18.4 | 17.3 |
| -82.5° | 22.0 | 21.1 | 20.1 | 19.1 | 18.1 | 17.0 | 16.0 | 15.2 | 14.4 | 13.7 | 13.0 |
| -85° | 14.5 | 13.9 | 13.1 | 12.5 | 11.9 | 11.3 | 10.8 | 10.4 | 9.9 | 9.3 | 8.7 |
| -87.5° | 9.1 | 8.5 | 8.0 | 7.9 | 7.8 | 7.6 | 7.5 | 6.9 | 6.4 | 6.0 | 5.5 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| 90° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 85° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| 82.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.1 | 2.0 | 2.0 |
| 80° | 3.0 | 2.5 | 2.2 | 2.0 | 2.1 | 2.0 | 2.0 | 2.0 | 2.3 | 2.4 | 2.3 |
| 77.5° | 3.4 | 2.9 | 2.4 | 2.1 | 2.4 | 2.6 | 2.5 | 2.3 | 2.6 | 2.8 | 2.8 |
| 75° | 3.4 | 2.8 | 2.3 | 2.2 | 2.7 | 3.2 | 3.3 | 3.2 | 3.1 | 3.2 | 3.3 |
| 72.5° | 3.8 | 3.4 | 2.7 | 2.3 | 2.8 | 3.3 | 3.8 | 4.0 | 3.6 | 3.5 | 3.8 |
| 70° | 6.3 | 4.5 | 3.7 | 3.3 | 3.2 | 3.4 | 3.9 | 4.1 | 4.1 | 3.8 | 3.9 |
| 67.5° | 10.3 | 7.7 | 5.7 | 4.3 | 3.8 | 3.7 | 4.0 | 4.1 | 4.1 | 4.1 | 4.0 |
| 65° | 14.6 | 11.1 | 8.0 | 6.0 | 4.6 | 4.0 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 62.5° | 19.4 | 14.7 | 11.0 | 7.7 | 5.5 | 4.4 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 60° | 24.4 | 18.4 | 14.0 | 10.2 | 6.8 | 4.6 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 57.5° | 29.9 | 21.5 | 16.6 | 12.5 | 8.8 | 5.5 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 55° | 33.5 | 25.3 | 19.4 | 14.6 | 10.6 | 7.0 | 4.7 | 4.1 | 4.1 | 4.1 | 4.1 |
| 52.5° | 31.8 | 27.3 | 22.6 | 16.8 | 12.1 | 8.6 | 6.3 | 4.1 | 4.1 | 4.1 | 4.1 |
| 50° | 27.6 | 27.0 | 24.4 | 19.3 | 13.6 | 10.4 | 7.8 | 5.4 | 4.1 | 4.1 | 4.1 |
| 47.5° | 24.8 | 25.8 | 24.6 | 21.1 | 15.6 | 12.2 | 9.5 | 6.7 | 4.1 | 4.1 | 4.1 |
| 45° | 23.6 | 24.1 | 24.3 | 21.8 | 18.0 | 14.4 | 11.3 | 8.0 | 5.2 | 4.2 | 4.1 |
| 42.5° | 24.4 | 24.6 | 23.3 | 22.7 | 20.1 | 16.5 | 13.2 | 9.7 | 6.4 | 4.3 | 4.2 |
| 40° | 33.0 | 27.5 | 23.7 | 24.4 | 22.6 | 18.5 | 15.0 | 11.4 | 7.5 | 4.8 | 4.3 |
| 37.5° | 45.4 | 36.4 | 28.1 | 30.5 | 26.3 | 21.0 | 16.5 | 13.2 | 8.8 | 5.8 | 4.5 |
| 35° | 76.1 | 50.9 | 47.0 | 44.6 | 34.9 | 23.9 | 17.9 | 14.7 | 10.4 | 6.8 | 4.8 |
| 32.5° | 115.8 | 89.3 | 84.6 | 67.8 | 46.6 | 27.0 | 20.0 | 16.2 | 11.9 | 7.8 | 5.0 |
| 30° | 191.5 | 168.3 | 134.6 | 97.1 | 64.2 | 38.0 | 23.5 | 18.0 | 13.4 | 8.7 | 5.5 |
| 27.5° | 315.0 | 262.8 | 199.9 | 143.3 | 92.3 | 52.2 | 28.8 | 20.1 | 14.8 | 9.7 | 6.2 |
| 25° | 450.5 | 377.8 | 291.0 | 201.1 | 124.5 | 81.1 | 34.9 | 22.5 | 16.3 | 10.8 | 6.9 |
| 22.5° | 600.3 | 502.2 | 392.3 | 266.1 | 178.3 | 118.2 | 50.1 | 27.3 | 18.0 | 11.9 | 7.6 |
| 20° | 756.4 | 631.9 | 496.9 | 333.0 | 239.5 | 164.6 | 77.2 | 32.5 | 19.9 | 12.8 | 8.2 |
| 17.5° | 917.4 | 746.5 | 574.8 | 406.8 | 298.5 | 212.9 | 108.3 | 38.0 | 21.8 | 13.7 | 8.7 |
| 15° | 1026.4 | 835.5 | 648.6 | 474.3 | 351.7 | 262.7 | 142.6 | 43.8 | 23.8 | 14.5 | 9.4 |
| 12.5° | 1113.8 | 920.1 | 717.9 | 535.5 | 399.7 | 313.1 | 178.8 | 49.6 | 25.7 | 15.8 | 10.3 |
| 10° | 1191.8 | 999.5 | 782.2 | 590.5 | 442.9 | 363.1 | 215.7 | 55.6 | 29.2 | 17.7 | 11.2 |
| 7.5° | 1260.8 | 1072.8 | 841.0 | 639.5 | 478.3 | 398.7 | 239.3 | 62.0 | 32.9 | 19.5 | 12.0 |
| 5° | 1314.3 | 1126.2 | 879.7 | 661.6 | 489.9 | 416.9 | 257.2 | 67.8 | 36.4 | 21.2 | 12.9 |
| 2.5° | 1330.3 | 1151.2 | 903.2 | 674.8 | 499.4 | 431.1 | 270.8 | 73.1 | 39.8 | 22.9 | 13.6 |
| 0° | 1338.5 | 1166.9 | 919.6 | 682.6 | 506.8 | 441.4 | 280.0 | 77.7 | 42.9 | 24.5 | 14.3 |
| -2.5° | 1345.4 | 1171.9 | 928.3 | 696.4 | 522.1 | 449.5 | 295.3 | 100.1 | 57.9 | 32.9 | 18.1 |
| -5° | 1345.4 | 1168.3 | 929.5 | 704.9 | 535.1 | 454.3 | 306.6 | 121.4 | 72.3 | 41.0 | 21.8 |
| -7.5° | 1318.0 | 1142.7 | 917.2 | 707.7 | 545.3 | 456.3 | 314.2 | 141.2 | 85.6 | 48.5 | 25.2 |
| -10° | 1279.3 | 1101.0 | 890.0 | 703.4 | 558.2 | 463.0 | 319.7 | 159.1 | 97.7 | 55.1 | 28.3 |
| -12.5° | 1234.5 | 1053.3 | 861.6 | 697.1 | 570.8 | 473.8 | 328.3 | 175.0 | 108.0 | 60.8 | 31.0 |
| -15° | 1183.6 | 1000.4 | 833.7 | 689.7 | 582.5 | 482.8 | 332.7 | 188.0 | 115.9 | 65.4 | 33.3 |
| -17.5° | 1132.7 | 942.8 | 807.9 | 682.3 | 593.6 | 490.2 | 332.7 | 197.6 | 121.8 | 69.0 | 35.5 |
| -20° | 1091.2 | 907.1 | 786.6 | 675.5 | 604.4 | 496.5 | 328.6 | 203.5 | 125.6 | 71.2 | 37.4 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 1043.7 | 892.3 | 778.8 | 680.9 | 611.3 | 501.8 | 320.1 | 205.3 | 126.9 | 72.0 | 38.7 |
| -25° | 992.5 | 876.5 | 770.6 | 686.4 | 612.2 | 488.4 | 314.5 | 202.7 | 125.7 | 71.2 | 39.2 |
| -27.5° | 962.9 | 861.0 | 760.4 | 687.7 | 601.0 | 469.9 | 310.8 | 200.9 | 123.0 | 68.8 | 39.0 |
| -30° | 942.9 | 846.9 | 756.2 | 681.4 | 585.5 | 436.3 | 301.1 | 195.7 | 120.0 | 67.3 | 38.0 |
| -32.5° | 922.5 | 831.2 | 749.5 | 660.8 | 550.9 | 401.1 | 282.0 | 186.9 | 114.9 | 66.0 | 37.2 |
| -35° | 899.2 | 815.7 | 736.2 | 635.1 | 508.4 | 373.8 | 259.8 | 174.4 | 107.4 | 63.5 | 35.9 |
| -37.5° | 872.3 | 799.5 | 703.2 | 597.1 | 464.7 | 342.0 | 239.2 | 159.0 | 97.6 | 59.9 | 34.0 |
| -40° | 854.9 | 772.9 | 667.3 | 548.4 | 423.7 | 305.9 | 214.7 | 143.4 | 90.6 | 55.2 | 31.4 |
| -42.5° | 834.7 | 728.6 | 616.1 | 498.3 | 379.5 | 274.6 | 187.5 | 125.5 | 82.6 | 50.8 | 28.1 |
| -45° | 780.8 | 672.9 | 555.5 | 442.1 | 332.2 | 239.1 | 165.0 | 106.8 | 73.5 | 46.1 | 25.0 |
| -47.5° | 716.7 | 601.1 | 489.6 | 381.5 | 287.7 | 202.6 | 139.9 | 95.5 | 63.5 | 40.6 | 22.7 |
| -50° | 632.8 | 524.0 | 418.9 | 324.7 | 238.4 | 171.5 | 115.9 | 83.0 | 55.3 | 33.5 | 20.0 |
| -52.5° | 546.2 | 442.5 | 351.0 | 267.2 | 197.6 | 137.6 | 100.6 | 69.8 | 46.2 | 28.4 | 16.9 |
| -55° | 454.0 | 364.9 | 284.6 | 216.2 | 156.6 | 115.3 | 84.2 | 58.1 | 36.2 | 24.1 | 13.8 |
| -57.5° | 366.1 | 288.8 | 225.5 | 167.6 | 125.9 | 95.3 | 68.4 | 45.4 | 29.8 | 19.5 | 13.1 |
| -60° | 278.3 | 222.9 | 168.6 | 131.8 | 101.6 | 75.3 | 52.4 | 34.2 | 24.3 | 15.5 | 12.2 |
| -62.5° | 205.4 | 161.2 | 131.7 | 102.7 | 77.9 | 55.8 | 37.2 | 27.8 | 18.7 | 14.4 | 11.3 |
| -65° | 149.6 | 123.2 | 97.8 | 75.7 | 54.9 | 38.6 | 29.8 | 21.2 | 16.3 | 13.1 | 10.3 |
| -67.5° | 107.2 | 86.7 | 67.8 | 48.9 | 38.1 | 29.8 | 22.0 | 17.8 | 14.6 | 11.7 | 9.2 |
| -70° | 68.1 | 51.6 | 42.7 | 35.3 | 27.7 | 21.5 | 18.6 | 15.6 | 12.8 | 10.5 | 8.2 |
| -72.5° | 40.4 | 35.2 | 29.6 | 23.8 | 21.3 | 18.7 | 16.0 | 13.6 | 11.4 | 9.3 | 7.1 |
| -75° | 26.5 | 24.2 | 22.4 | 20.6 | 18.2 | 15.9 | 13.8 | 12.0 | 10.0 | 8.0 | 6.4 |
| -77.5° | 21.1 | 19.8 | 18.6 | 17.0 | 14.8 | 13.1 | 11.6 | 10.4 | 8.6 | 7.1 | 5.7 |
| -80° | 16.4 | 15.2 | 14.0 | 12.5 | 11.2 | 10.2 | 9.5 | 8.8 | 7.4 | 6.1 | 5.0 |
| -82.5° | 11.9 | 10.8 | 9.9 | 9.0 | 8.6 | 8.1 | 7.7 | 7.1 | 6.1 | 5.1 | 4.5 |
| -85° | 8.1 | 7.6 | 7.1 | 6.7 | 6.4 | 6.1 | 5.9 | 5.8 | 5.2 | 4.8 | 4.4 |
| -87.5° | 5.5 | 5.4 | 5.3 | 5.2 | 5.2 | 5.1 | 5.0 | 4.9 | 4.7 | 4.4 | 4.2 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| 90° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 87.5° | 2.0 | 2.1 | 2.2 | 2.2 | 2.2 | 3.1 | 4.1 |
| 85° | 2.0 | 2.2 | 2.4 | 2.4 | 2.4 | 3.1 | 4.1 |
| 82.5° | 2.0 | 2.4 | 2.6 | 2.6 | 2.6 | 3.2 | 4.1 |
| 80° | 2.1 | 2.5 | 2.7 | 2.8 | 2.7 | 3.2 | 4.1 |
| 77.5° | 2.6 | 2.7 | 2.9 | 3.0 | 2.9 | 3.3 | 4.1 |
| 75° | 3.2 | 3.0 | 3.1 | 3.3 | 3.1 | 3.3 | 4.1 |
| 72.5° | 3.7 | 3.4 | 3.3 | 3.5 | 3.3 | 3.4 | 4.1 |
| 70° | 4.1 | 3.7 | 3.5 | 3.7 | 3.5 | 3.5 | 4.1 |
| 67.5° | 4.1 | 4.0 | 3.7 | 3.8 | 3.6 | 3.5 | 4.1 |
| 65° | 4.1 | 4.1 | 3.8 | 3.8 | 3.8 | 3.6 | 4.1 |
| 62.5° | 4.1 | 4.1 | 4.0 | 3.9 | 4.0 | 3.6 | 4.1 |
| 60° | 4.1 | 4.1 | 4.1 | 3.9 | 4.1 | 3.6 | 4.1 |
| 57.5° | 4.1 | 4.1 | 4.1 | 4.0 | 4.1 | 3.7 | 4.1 |
| 55° | 4.1 | 4.1 | 4.1 | 4.0 | 4.1 | 3.7 | 4.1 |
| 52.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.8 | 4.1 |
| 50° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.8 | 4.1 |
| 47.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.8 | 4.1 |
| 45° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.9 | 4.1 |
| 42.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.9 | 4.1 |
| 40° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 3.9 | 4.1 |
| 37.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 4.1 |
| 35° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 4.1 |
| 32.5° | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 4.1 |
| 30° | 4.4 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 4.1 |
| 27.5° | 4.6 | 4.1 | 4.1 | 4.1 | 4.1 | 4.0 | 4.1 |
| 25° | 4.8 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 22.5° | 5.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 20° | 5.3 | 4.3 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 17.5° | 5.7 | 4.5 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 15° | 6.1 | 4.7 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 12.5° | 6.5 | 4.9 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 10° | 6.9 | 5.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 7.5° | 7.3 | 5.4 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 5° | 7.6 | 5.6 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 2.5° | 7.9 | 5.9 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| 0° | 8.2 | 6.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -2.5° | 10.1 | 6.8 | 4.3 | 4.1 | 4.1 | 4.1 | 4.1 |
| -5° | 11.9 | 7.4 | 4.4 | 4.1 | 4.1 | 4.1 | 4.1 |
| -7.5° | 13.6 | 8.0 | 4.6 | 4.1 | 4.1 | 4.1 | 4.1 |
| -10° | 15.2 | 8.5 | 4.8 | 4.1 | 4.1 | 4.1 | 4.1 |
| -12.5° | 16.6 | 9.0 | 4.9 | 4.1 | 4.1 | 4.1 | 4.1 |
| -15° | 17.8 | 9.3 | 5.0 | 4.1 | 4.1 | 4.1 | 4.1 |
| -17.5° | 18.7 | 9.6 | 5.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -20° | 19.4 | 9.8 | 5.1 | 4.1 | 4.1 | 4.1 | 4.1 |



REPORT NUMBER: P731630 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0680N-40-80-4S-CV1

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|-----|-------|-----|-------|-----|
| -22.5° | 20.2 | 9.8 | 5.2 | 4.1 | 4.1 | 4.1 | 4.1 |
| -25° | 20.5 | 9.8 | 5.2 | 4.1 | 4.1 | 4.1 | 4.1 |
| -27.5° | 20.4 | 9.8 | 5.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -30° | 19.9 | 9.6 | 5.0 | 4.1 | 4.1 | 4.1 | 4.1 |
| -32.5° | 18.9 | 9.2 | 5.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -35° | 18.1 | 8.7 | 5.2 | 4.1 | 4.1 | 4.1 | 4.1 |
| -37.5° | 17.4 | 8.2 | 5.2 | 4.1 | 4.1 | 4.1 | 4.1 |
| -40° | 16.4 | 8.2 | 5.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -42.5° | 15.0 | 8.1 | 5.2 | 4.1 | 4.1 | 4.1 | 4.1 |
| -45° | 13.4 | 8.0 | 5.2 | 4.2 | 4.1 | 4.1 | 4.1 |
| -47.5° | 11.5 | 7.8 | 5.3 | 4.2 | 4.1 | 4.1 | 4.1 |
| -50° | 10.9 | 7.5 | 5.3 | 4.2 | 4.1 | 4.1 | 4.1 |
| -52.5° | 10.5 | 7.2 | 5.2 | 4.3 | 4.1 | 4.1 | 4.1 |
| -55° | 10.1 | 7.0 | 5.1 | 4.3 | 4.1 | 4.1 | 4.1 |
| -57.5° | 9.5 | 6.8 | 5.0 | 4.3 | 4.1 | 4.1 | 4.1 |
| -60° | 8.9 | 6.4 | 4.8 | 4.2 | 4.1 | 4.1 | 4.1 |
| -62.5° | 8.3 | 6.1 | 4.8 | 4.2 | 4.1 | 4.1 | 4.1 |
| -65° | 7.6 | 5.6 | 4.7 | 4.2 | 4.1 | 4.1 | 4.1 |
| -67.5° | 6.9 | 5.3 | 4.5 | 4.2 | 4.1 | 4.1 | 4.1 |
| -70° | 6.0 | 5.0 | 4.4 | 4.1 | 4.1 | 4.1 | 4.1 |
| -72.5° | 5.6 | 4.8 | 4.3 | 4.1 | 4.1 | 4.1 | 4.1 |
| -75° | 5.1 | 4.5 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -77.5° | 4.6 | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -80° | 4.2 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -82.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -85° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -87.5° | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 | 4.1 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.1 | 4.1 |

(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

