

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: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS-08-0530N-40-80-2S-CV5**

Issue Date: 11/16/2023

Test Information

Test Method: LM-79-08
Report Number: P731480 (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: EPHEBUS
Catalog Number: EPH-LS-08-0530N-40-80-2S-CV5
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

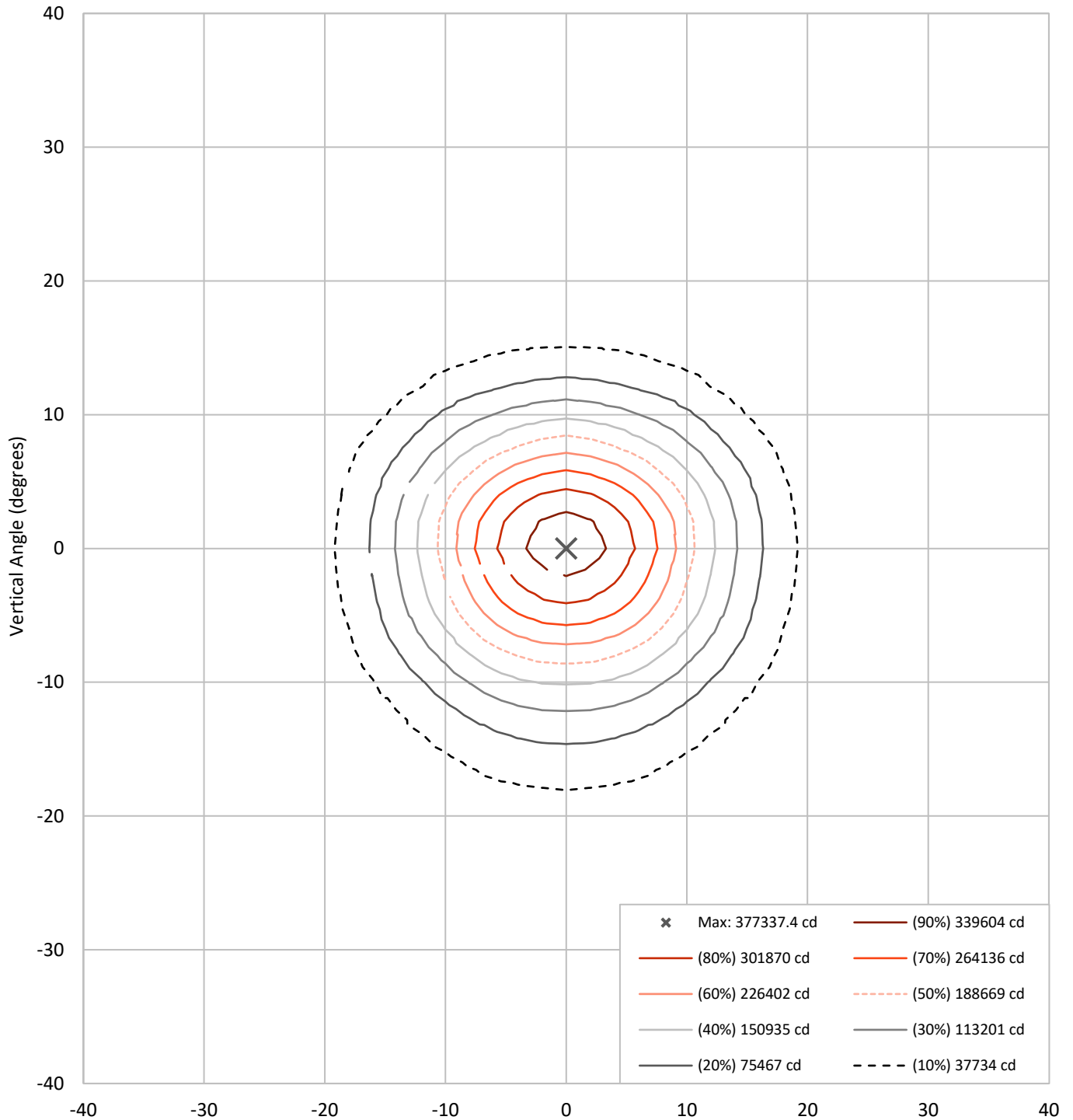
Summary

| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 50895.1 lumens | Max Intensity: | 377337.4 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 90.7 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: | 22272.9 lumens | Field Lumens: | 43110.8 lumens |
| Beam Efficiency: | 43.8% | Field Efficiency: | 84.7% |

Input Watts (W): 561.4
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: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

Iso-Candela Plot





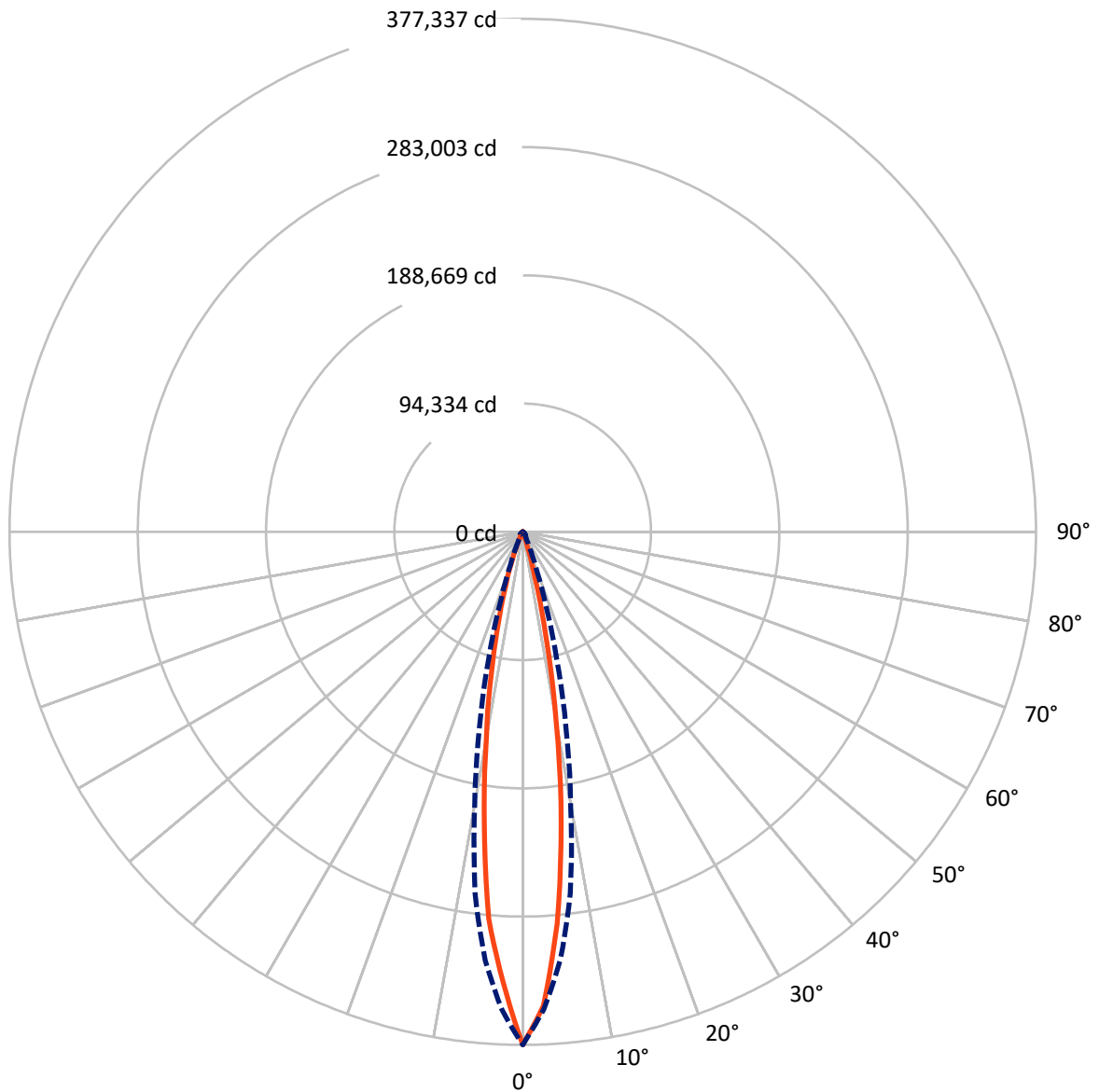
REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|------|-------|--------|--------|--------|--------|-------|------|------|------|-----|-----|--|--|--|
| 90 | 0.1 | 0.4 | 0.6 | 0.6 | 0.8 | 0.6 | 0.6 | 0.4 | 0.1 | | | | | | | | | | |
| 80 | 0.1 | 0.4 | 0.6 | 0.6 | 0.8 | 0.6 | 0.6 | 0.4 | 0.1 | | | | | | | | | | |
| 70 | 0.1 | 0.1 | 0.2 | 0.6 | 0.7 | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.7 | 0.6 | 0.2 | 0.1 | 0.1 | | | |
| 60 | | 0.1 | 0.3 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 | 0.3 | 0.1 | | | | |
| 50 | 0.2 | 0.2 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | 0.4 | 0.2 | 0.2 | | | |
| 40 | | 0.2 | 0.5 | 0.7 | 1.3 | 1.9 | 2.1 | 2.5 | 2.5 | 2.1 | 1.9 | 1.3 | 0.7 | 0.5 | 0.2 | | | | |
| 30 | 0.3 | 0.4 | 1.3 | 3.3 | 6.3 | 8.2 | 14.4 | 30.6 | 30.6 | 14.4 | 8.2 | 6.3 | 3.3 | 1.3 | 0.4 | 0.3 | | | |
| 20 | | 1.0 | 4.7 | 15.6 | 32.7 | 59.3 | 409.5 | 1261.2 | 1261.2 | 409.5 | 59.3 | 32.7 | 15.6 | 4.7 | 1.0 | | | | |
| 10 | 0.3 | 1.8 | 9.7 | 38.1 | 76.2 | 242.2 | 2364.0 | 7027.2 | 7027.2 | 2364.0 | 242.2 | 76.2 | 38.1 | 9.7 | 1.8 | 0.3 | | | |
| 0 | | 2.3 | 11.5 | 44.5 | 87.0 | 252.7 | 2413.0 | 7065.1 | 7065.1 | 2413.0 | 252.7 | 87.0 | 44.5 | 11.5 | 2.3 | | | | |
| -10 | 0.5 | 2.5 | 10.1 | 33.2 | 67.2 | 109.0 | 666.3 | 1979.3 | 1979.3 | 666.3 | 109.0 | 67.2 | 33.2 | 10.1 | 2.5 | 0.5 | | | |
| -20 | | 2.4 | 8.5 | 19.7 | 50.0 | 71.0 | 107.4 | 225.3 | 225.3 | 107.4 | 71.0 | 50.0 | 19.7 | 8.5 | 2.4 | | | | |
| -30 | 0.4 | 2.1 | 6.9 | 13.6 | 30.6 | 58.6 | 74.6 | 80.2 | 80.2 | 74.6 | 58.6 | 30.6 | 13.6 | 6.9 | 2.1 | 0.4 | | | |
| -40 | | 1.5 | 5.1 | 10.9 | 18.5 | 30.0 | 48.7 | 63.3 | 63.3 | 48.7 | 30.0 | 18.5 | 10.9 | 5.1 | 1.5 | | | | |
| -50 | 0.3 | 0.7 | 2.9 | 6.9 | 12.5 | 18.2 | 22.5 | 25.1 | 25.1 | 22.5 | 18.2 | 12.5 | 6.9 | 2.9 | 0.7 | 0.3 | | | |
| -60 | | 0.3 | 1.0 | 2.9 | 5.6 | 8.6 | 11.6 | 13.6 | 13.6 | 11.6 | 8.6 | 5.6 | 2.9 | 1.0 | 0.3 | | | | |
| -70 | 0.2 | 1.0 | 2.6 | 6.4 | 9.9 | 6.4 | 2.6 | 1.0 | 0.2 | | | | | | | 0.2 | | | |
| -80 | | 1.0 | 2.6 | 6.4 | 9.9 | 6.4 | 2.6 | 1.0 | 0.2 | | | | | | | | | | |
| -90 | 0.2 | 1.0 | 2.6 | 6.4 | 9.9 | 6.4 | 2.6 | 1.0 | 0.2 | | | | | | | 0.2 | | | |

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CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

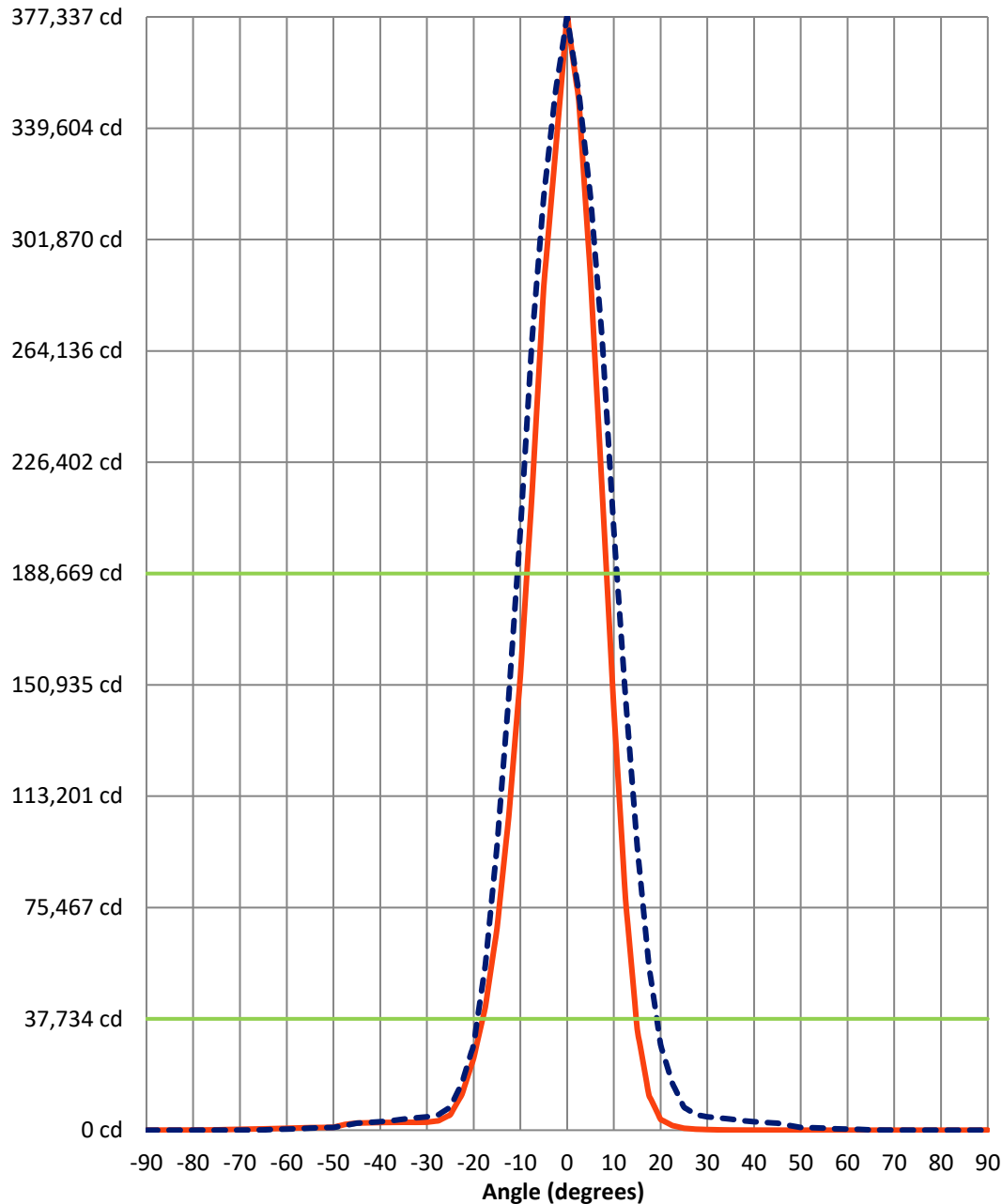
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 21.3°
 V Angle: 17°
 Lumens: 22272.9
 Efficiency: 43.8%

Field:
 H Angle: 38.4°
 V Angle: 32.9°
 Lumens: 43110.8
 Efficiency: 84.7%

Spill:
 Lumens: 7784.3
 Efficiency: 15.3%

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



REPORT NUMBER: P731480 (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° | 6.3 | 6.3 | 6.3 | 6.7 | 7.1 | 7.4 | 7.8 | 8.2 | 8.6 | 9.0 | 9.4 |
| 87.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 5.8 | 5.6 | 5.4 |
| 85° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.1 | 6.1 | 6.0 | 6.1 |
| 82.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 80° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 77.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 75° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 72.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.5 | 6.5 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 |
| 70° | 6.3 | 6.3 | 6.3 | 6.3 | 6.6 | 6.6 | 6.4 | 6.3 | 6.3 | 6.3 | 6.4 |
| 67.5° | 6.3 | 6.3 | 6.3 | 6.5 | 6.8 | 6.8 | 6.5 | 6.3 | 6.3 | 6.5 | 6.5 |
| 65° | 6.3 | 6.3 | 6.3 | 6.6 | 6.9 | 6.8 | 6.5 | 6.3 | 6.6 | 6.8 | 6.6 |
| 62.5° | 6.3 | 6.3 | 6.3 | 6.8 | 7.1 | 6.9 | 6.5 | 6.6 | 7.0 | 7.0 | 6.7 |
| 60° | 6.3 | 6.3 | 6.3 | 6.9 | 7.2 | 6.9 | 6.6 | 7.0 | 7.4 | 7.1 | 6.8 |
| 57.5° | 6.3 | 6.3 | 6.4 | 7.1 | 7.3 | 7.0 | 6.9 | 7.4 | 7.5 | 7.2 | 7.2 |
| 55° | 6.3 | 6.3 | 6.5 | 7.3 | 7.3 | 7.0 | 7.3 | 7.8 | 7.6 | 7.4 | 7.9 |
| 52.5° | 6.3 | 6.3 | 6.6 | 7.4 | 7.4 | 7.1 | 7.7 | 8.0 | 7.6 | 7.9 | 8.5 |
| 50° | 6.3 | 6.3 | 6.7 | 7.6 | 7.4 | 7.4 | 8.1 | 8.1 | 7.8 | 8.5 | 9.8 |
| 47.5° | 6.3 | 6.3 | 6.8 | 7.7 | 7.4 | 7.7 | 8.4 | 8.3 | 8.3 | 9.1 | 11.0 |
| 45° | 6.3 | 6.3 | 6.9 | 7.8 | 7.5 | 8.0 | 8.6 | 8.5 | 8.9 | 9.8 | 11.9 |
| 42.5° | 6.3 | 6.3 | 7.0 | 7.8 | 7.5 | 8.3 | 8.9 | 8.9 | 9.5 | 10.4 | 13.1 |
| 40° | 6.3 | 6.3 | 7.1 | 7.8 | 7.7 | 8.6 | 9.1 | 9.5 | 10.2 | 10.8 | 14.3 |
| 37.5° | 6.3 | 6.3 | 7.2 | 7.9 | 7.9 | 8.9 | 9.4 | 10.0 | 10.9 | 11.9 | 15.3 |
| 35° | 6.3 | 6.3 | 7.3 | 7.9 | 8.1 | 9.1 | 9.7 | 10.4 | 11.7 | 13.6 | 15.9 |
| 32.5° | 6.3 | 6.3 | 7.3 | 8.0 | 8.3 | 9.4 | 10.0 | 10.9 | 12.7 | 15.2 | 17.2 |
| 30° | 6.3 | 6.3 | 7.4 | 8.0 | 8.5 | 9.6 | 10.4 | 11.5 | 13.6 | 16.9 | 18.8 |
| 27.5° | 6.3 | 6.3 | 7.5 | 8.1 | 8.7 | 9.9 | 10.8 | 12.2 | 14.8 | 18.6 | 20.7 |
| 25° | 6.3 | 6.3 | 7.5 | 8.2 | 8.9 | 10.2 | 11.2 | 13.0 | 16.2 | 20.2 | 22.8 |
| 22.5° | 6.3 | 6.3 | 7.6 | 8.3 | 9.0 | 10.4 | 11.6 | 13.9 | 17.6 | 21.9 | 27.2 |
| 20° | 6.3 | 6.3 | 7.6 | 8.4 | 9.1 | 10.5 | 11.9 | 14.7 | 18.9 | 23.7 | 31.9 |
| 17.5° | 6.3 | 6.3 | 7.7 | 8.6 | 9.2 | 10.6 | 12.2 | 15.5 | 20.2 | 25.6 | 37.1 |
| 15° | 6.3 | 6.3 | 7.7 | 8.7 | 9.3 | 10.7 | 12.5 | 16.2 | 21.5 | 27.5 | 42.5 |
| 12.5° | 6.3 | 6.3 | 7.7 | 8.8 | 9.3 | 10.8 | 12.8 | 16.8 | 22.7 | 29.5 | 48.0 |
| 10° | 6.3 | 6.3 | 7.8 | 8.9 | 9.4 | 10.9 | 13.1 | 17.3 | 23.9 | 32.8 | 54.6 |
| 7.5° | 6.3 | 6.3 | 7.8 | 9.1 | 9.4 | 10.9 | 13.4 | 17.8 | 25.1 | 36.4 | 63.3 |
| 5° | 6.3 | 6.3 | 7.8 | 9.2 | 9.4 | 11.0 | 13.6 | 18.2 | 26.3 | 40.1 | 71.9 |
| 2.5° | 6.3 | 6.3 | 7.8 | 9.3 | 9.4 | 11.0 | 13.9 | 18.5 | 27.4 | 43.7 | 80.2 |
| 0° | 6.3 | 6.3 | 7.8 | 9.4 | 9.4 | 11.0 | 14.1 | 18.8 | 28.3 | 47.1 | 87.9 |
| -2.5° | 6.3 | 6.3 | 7.9 | 9.5 | 9.7 | 11.3 | 15.3 | 22.5 | 35.6 | 58.3 | 102.1 |
| -5° | 6.3 | 6.4 | 7.9 | 9.6 | 10.0 | 11.7 | 16.5 | 26.0 | 42.6 | 68.9 | 115.3 |
| -7.5° | 6.3 | 6.4 | 8.0 | 9.7 | 10.2 | 12.0 | 17.6 | 29.2 | 49.1 | 78.8 | 127.4 |
| -10° | 6.3 | 6.4 | 8.0 | 9.7 | 10.5 | 12.2 | 18.5 | 32.1 | 55.0 | 87.9 | 138.2 |
| -12.5° | 6.3 | 6.5 | 8.1 | 9.8 | 10.7 | 12.5 | 19.3 | 34.5 | 60.1 | 95.9 | 147.5 |
| -15° | 6.3 | 6.5 | 8.1 | 9.9 | 11.0 | 12.8 | 19.9 | 36.4 | 64.7 | 102.7 | 155.2 |
| -17.5° | 6.3 | 6.5 | 8.1 | 9.9 | 11.2 | 13.0 | 20.2 | 38.3 | 68.8 | 108.4 | 161.2 |
| -20° | 6.3 | 6.5 | 8.2 | 9.9 | 11.3 | 13.2 | 20.6 | 40.0 | 71.8 | 113.0 | 165.4 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|-------|
| -22.5° | 6.3 | 6.6 | 8.2 | 10.0 | 11.5 | 13.4 | 21.1 | 40.9 | 73.8 | 116.2 | 167.8 |
| -25° | 6.3 | 6.6 | 8.2 | 10.0 | 11.6 | 13.7 | 21.2 | 40.9 | 74.6 | 118.1 | 168.2 |
| -27.5° | 6.3 | 6.6 | 8.2 | 10.0 | 11.7 | 14.0 | 20.9 | 39.8 | 74.1 | 118.7 | 169.6 |
| -30° | 6.3 | 6.6 | 8.2 | 10.0 | 11.8 | 14.2 | 20.1 | 37.8 | 72.8 | 117.8 | 169.4 |
| -32.5° | 6.3 | 6.6 | 8.2 | 9.9 | 11.8 | 14.3 | 18.8 | 36.4 | 70.3 | 115.3 | 167.4 |
| -35° | 6.3 | 6.7 | 8.2 | 9.9 | 11.8 | 14.2 | 18.4 | 34.9 | 66.4 | 110.9 | 163.5 |
| -37.5° | 6.3 | 6.7 | 8.1 | 9.9 | 11.8 | 14.2 | 18.4 | 32.6 | 60.9 | 104.8 | 151.9 |
| -40° | 6.3 | 6.7 | 8.1 | 9.8 | 11.8 | 14.2 | 18.2 | 29.6 | 53.8 | 97.1 | 138.6 |
| -42.5° | 6.3 | 6.7 | 8.1 | 9.8 | 11.7 | 14.1 | 17.8 | 25.9 | 48.3 | 84.9 | 123.9 |
| -45° | 6.3 | 6.7 | 8.0 | 9.7 | 11.6 | 14.0 | 17.3 | 23.1 | 43.1 | 71.4 | 108.0 |
| -47.5° | 6.3 | 6.7 | 8.0 | 9.6 | 11.5 | 13.8 | 16.6 | 22.2 | 37.0 | 57.2 | 91.9 |
| -50° | 6.3 | 6.7 | 7.9 | 9.5 | 11.4 | 13.6 | 16.3 | 21.1 | 29.2 | 48.4 | 74.9 |
| -52.5° | 6.3 | 6.7 | 7.8 | 9.4 | 11.2 | 13.4 | 15.9 | 19.8 | 25.4 | 39.2 | 57.8 |
| -55° | 6.3 | 6.7 | 7.8 | 9.3 | 11.0 | 13.1 | 15.6 | 18.4 | 23.3 | 29.5 | 47.0 |
| -57.5° | 6.3 | 6.6 | 7.7 | 9.1 | 10.8 | 12.8 | 15.2 | 17.9 | 21.2 | 25.5 | 35.7 |
| -60° | 6.3 | 6.6 | 7.6 | 9.0 | 10.6 | 12.5 | 14.7 | 17.2 | 19.4 | 23.3 | 27.0 |
| -62.5° | 6.3 | 6.6 | 7.5 | 8.8 | 10.3 | 12.1 | 14.2 | 16.4 | 18.4 | 21.0 | 24.6 |
| -65° | 6.3 | 6.6 | 7.4 | 8.6 | 10.0 | 11.7 | 13.7 | 15.6 | 17.4 | 19.5 | 22.1 |
| -67.5° | 6.3 | 6.6 | 7.4 | 8.4 | 9.7 | 11.2 | 13.1 | 14.9 | 16.3 | 18.1 | 20.2 |
| -70° | 6.3 | 6.5 | 7.3 | 8.2 | 9.3 | 10.8 | 12.4 | 14.1 | 15.5 | 16.7 | 18.5 |
| -72.5° | 6.3 | 6.5 | 7.2 | 8.0 | 9.0 | 10.2 | 11.7 | 13.4 | 14.8 | 16.0 | 17.0 |
| -75° | 6.3 | 6.5 | 7.0 | 7.8 | 8.6 | 9.7 | 11.0 | 12.5 | 14.0 | 15.3 | 16.3 |
| -77.5° | 6.3 | 6.5 | 6.9 | 7.6 | 8.3 | 9.2 | 10.2 | 11.6 | 13.1 | 14.5 | 15.7 |
| -80° | 6.3 | 6.4 | 6.8 | 7.4 | 8.1 | 8.8 | 9.5 | 10.7 | 12.1 | 13.3 | 14.6 |
| -82.5° | 6.3 | 6.4 | 6.7 | 7.3 | 7.8 | 8.4 | 9.0 | 10.0 | 11.0 | 12.2 | 13.4 |
| -85° | 6.3 | 6.4 | 6.6 | 7.1 | 7.6 | 8.1 | 8.6 | 9.4 | 10.2 | 11.1 | 12.1 |
| -87.5° | 6.3 | 6.3 | 6.4 | 6.9 | 7.3 | 7.8 | 8.2 | 8.8 | 9.4 | 10.1 | 10.7 |
| -90° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 5.9 | 5.5 | 5.1 | 4.7 |



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CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|--------|--------|--------|--------|
| 90° | 9.4 | 9.4 | 9.4 | 9.4 | 9.8 | 10.2 | 10.6 | 11.0 | 11.4 | 11.8 | 12.2 |
| 87.5° | 5.3 | 5.1 | 4.9 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.3 | 3.9 | 3.5 |
| 85° | 5.8 | 5.5 | 5.2 | 4.9 | 5.0 | 4.9 | 4.8 | 4.7 | 4.5 | 4.3 | 4.2 |
| 82.5° | 6.1 | 5.9 | 5.8 | 5.9 | 5.7 | 5.5 | 5.1 | 4.7 | 4.7 | 4.7 | 4.7 |
| 80° | 6.2 | 6.3 | 6.3 | 6.3 | 6.0 | 5.6 | 5.2 | 4.8 | 4.7 | 4.8 | 4.8 |
| 77.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.0 | 5.7 | 5.6 | 5.6 | 5.6 | 5.4 | 5.2 |
| 75° | 6.3 | 6.3 | 6.3 | 6.3 | 6.2 | 6.2 | 6.3 | 6.3 | 6.2 | 6.0 | 6.0 |
| 72.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 7.6 | 9.3 | 10.5 |
| 70° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.8 | 9.2 | 12.2 | 15.3 | 17.1 | 19.0 |
| 67.5° | 6.3 | 6.3 | 6.3 | 6.6 | 8.2 | 10.8 | 14.3 | 20.9 | 28.4 | 30.6 | 30.5 |
| 65° | 6.3 | 6.3 | 7.1 | 8.7 | 10.8 | 16.0 | 23.2 | 32.1 | 38.8 | 37.7 | 35.0 |
| 62.5° | 6.3 | 7.0 | 8.5 | 11.2 | 15.6 | 22.2 | 29.0 | 35.4 | 42.0 | 40.2 | 34.2 |
| 60° | 6.9 | 7.9 | 10.8 | 15.3 | 20.0 | 24.6 | 31.1 | 35.2 | 38.7 | 38.9 | 30.0 |
| 57.5° | 7.6 | 9.6 | 14.0 | 18.6 | 22.3 | 25.3 | 28.0 | 31.2 | 32.3 | 31.5 | 23.0 |
| 55° | 8.9 | 12.2 | 16.8 | 20.9 | 23.4 | 22.1 | 23.4 | 24.1 | 23.7 | 21.6 | 15.1 |
| 52.5° | 10.9 | 14.5 | 19.1 | 22.5 | 22.5 | 19.7 | 17.5 | 17.6 | 16.0 | 13.1 | 11.2 |
| 50° | 12.6 | 16.8 | 21.2 | 23.0 | 21.3 | 16.9 | 13.3 | 12.8 | 11.8 | 10.5 | 9.4 |
| 47.5° | 14.4 | 18.9 | 22.8 | 23.4 | 19.1 | 15.5 | 12.3 | 11.2 | 10.5 | 10.3 | 9.8 |
| 45° | 16.1 | 20.2 | 24.2 | 21.7 | 18.0 | 15.4 | 13.2 | 11.0 | 11.2 | 11.1 | 10.6 |
| 42.5° | 17.5 | 21.0 | 22.8 | 20.2 | 18.4 | 16.7 | 15.0 | 13.4 | 12.6 | 12.8 | 12.7 |
| 40° | 18.1 | 21.5 | 21.7 | 21.3 | 19.5 | 18.9 | 18.7 | 17.5 | 14.9 | 16.1 | 16.4 |
| 37.5° | 18.3 | 21.2 | 22.2 | 24.0 | 22.1 | 22.7 | 23.4 | 23.8 | 22.0 | 20.8 | 23.9 |
| 35° | 18.3 | 21.6 | 26.1 | 28.5 | 27.3 | 27.9 | 30.7 | 31.8 | 31.1 | 30.6 | 36.3 |
| 32.5° | 18.7 | 22.7 | 31.3 | 34.2 | 36.1 | 37.0 | 39.4 | 41.6 | 43.7 | 47.3 | 58.1 |
| 30° | 20.9 | 27.6 | 37.5 | 40.7 | 46.9 | 53.6 | 51.9 | 53.1 | 58.8 | 80.2 | 98.6 |
| 27.5° | 25.4 | 34.3 | 43.6 | 50.4 | 60.6 | 75.0 | 77.1 | 70.9 | 89.4 | 122.0 | 152.3 |
| 25° | 30.9 | 55.2 | 50.4 | 62.2 | 81.5 | 100.7 | 109.6 | 113.8 | 135.7 | 179.5 | 213.6 |
| 22.5° | 42.5 | 83.2 | 81.2 | 75.1 | 105.5 | 130.6 | 152.6 | 196.5 | 258.1 | 272.0 | 279.2 |
| 20° | 62.9 | 110.9 | 118.8 | 125.0 | 141.6 | 164.3 | 202.4 | 307.3 | 438.5 | 486.7 | 436.6 |
| 17.5° | 87.2 | 141.2 | 160.8 | 189.6 | 227.1 | 234.3 | 265.8 | 439.6 | 665.2 | 743.8 | 759.0 |
| 15° | 114.4 | 173.7 | 205.5 | 261.8 | 318.8 | 346.0 | 437.6 | 653.5 | 913.2 | 1041.8 | 1130.8 |
| 12.5° | 143.6 | 207.8 | 252.1 | 339.9 | 415.3 | 458.2 | 653.8 | 982.9 | 1232.1 | 1382.3 | 1617.4 |
| 10° | 173.8 | 242.9 | 299.9 | 421.9 | 515.1 | 570.4 | 892.5 | 1323.0 | 1574.3 | 1745.0 | 2047.4 |
| 7.5° | 205.3 | 276.6 | 347.4 | 505.6 | 616.7 | 682.0 | 1143.9 | 1666.3 | 1907.3 | 2093.5 | 2398.2 |
| 5° | 235.5 | 307.9 | 389.7 | 576.1 | 701.0 | 778.6 | 1376.8 | 2003.0 | 2230.9 | 2428.3 | 2701.2 |
| 2.5° | 263.1 | 337.7 | 430.6 | 640.9 | 771.7 | 851.6 | 1509.4 | 2195.5 | 2437.1 | 2672.1 | 2971.0 |
| 0° | 287.3 | 365.8 | 469.4 | 700.2 | 838.3 | 921.6 | 1617.0 | 2362.8 | 2612.4 | 2868.3 | 3226.2 |
| -2.5° | 290.9 | 374.3 | 481.4 | 694.7 | 825.9 | 910.8 | 1588.8 | 2337.0 | 2640.4 | 2939.0 | 3312.8 |
| -5° | 290.6 | 380.5 | 490.3 | 683.8 | 809.8 | 896.8 | 1533.5 | 2278.0 | 2630.3 | 2926.3 | 3277.2 |
| -7.5° | 287.3 | 384.3 | 495.7 | 667.7 | 784.8 | 865.4 | 1427.3 | 2133.0 | 2502.3 | 2763.2 | 3100.3 |
| -10° | 281.6 | 383.0 | 488.2 | 640.3 | 749.3 | 822.9 | 1291.5 | 1961.7 | 2367.7 | 2596.5 | 2896.3 |
| -12.5° | 274.3 | 377.5 | 476.5 | 611.1 | 714.6 | 779.5 | 1134.0 | 1767.6 | 2229.9 | 2431.0 | 2676.3 |
| -15° | 265.8 | 370.7 | 462.8 | 581.0 | 682.0 | 735.7 | 956.6 | 1553.6 | 2093.9 | 2302.7 | 2494.8 |
| -17.5° | 256.8 | 362.6 | 447.2 | 551.3 | 652.8 | 692.0 | 765.0 | 1320.2 | 1900.4 | 2163.1 | 2357.7 |
| -20° | 247.8 | 353.5 | 430.0 | 522.7 | 625.2 | 663.3 | 710.6 | 1095.7 | 1618.8 | 2001.9 | 2207.8 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|--------|
| -22.5° | 239.4 | 343.6 | 413.8 | 499.3 | 594.1 | 647.7 | 684.1 | 876.3 | 1321.6 | 1821.7 | 2047.7 |
| -25° | 236.1 | 329.0 | 400.4 | 477.5 | 564.5 | 633.2 | 659.6 | 691.8 | 1050.7 | 1530.0 | 1885.6 |
| -27.5° | 235.5 | 316.6 | 385.4 | 454.0 | 535.0 | 614.4 | 641.9 | 665.7 | 848.6 | 1237.1 | 1698.0 |
| -30° | 232.3 | 300.0 | 368.8 | 430.7 | 506.8 | 581.2 | 628.3 | 654.6 | 695.7 | 995.8 | 1379.5 |
| -32.5° | 222.2 | 282.3 | 349.2 | 410.7 | 477.5 | 549.3 | 617.0 | 649.3 | 683.0 | 765.6 | 1087.1 |
| -35° | 208.9 | 266.1 | 328.2 | 389.0 | 447.5 | 518.2 | 587.8 | 645.0 | 670.4 | 708.8 | 842.9 |
| -37.5° | 196.5 | 248.2 | 306.7 | 365.6 | 422.2 | 486.0 | 556.5 | 620.6 | 665.0 | 694.8 | 742.6 |
| -40° | 182.4 | 228.7 | 285.1 | 341.6 | 396.0 | 454.0 | 519.5 | 585.8 | 645.7 | 696.9 | 733.7 |
| -42.5° | 166.7 | 211.4 | 262.1 | 316.7 | 367.8 | 422.6 | 480.5 | 544.8 | 612.8 | 682.9 | 735.1 |
| -45° | 148.8 | 192.3 | 238.0 | 287.6 | 337.1 | 388.6 | 443.4 | 501.0 | 570.0 | 641.5 | 711.1 |
| -47.5° | 129.4 | 171.2 | 214.5 | 256.5 | 303.5 | 352.1 | 403.3 | 459.6 | 520.6 | 588.4 | 659.9 |
| -50° | 109.0 | 147.9 | 188.4 | 227.0 | 267.8 | 313.1 | 360.4 | 414.3 | 471.1 | 530.4 | 594.6 |
| -52.5° | 89.1 | 122.9 | 160.4 | 197.6 | 233.8 | 272.4 | 316.7 | 365.2 | 417.6 | 472.3 | 525.9 |
| -55° | 68.2 | 99.0 | 131.1 | 166.3 | 201.1 | 234.6 | 271.6 | 315.2 | 360.1 | 409.7 | 457.3 |
| -57.5° | 52.3 | 74.8 | 103.2 | 133.3 | 166.1 | 199.0 | 232.1 | 265.1 | 304.5 | 345.9 | 385.0 |
| -60° | 39.3 | 54.8 | 75.9 | 102.1 | 129.2 | 160.1 | 192.7 | 223.8 | 253.9 | 282.5 | 316.2 |
| -62.5° | 27.8 | 39.9 | 54.1 | 71.8 | 95.6 | 120.2 | 148.3 | 178.1 | 208.6 | 233.3 | 255.9 |
| -65° | 25.2 | 27.9 | 37.5 | 50.3 | 63.1 | 84.6 | 106.9 | 129.1 | 155.1 | 179.0 | 201.4 |
| -67.5° | 22.6 | 25.1 | 27.5 | 31.9 | 43.4 | 55.8 | 68.3 | 87.8 | 107.2 | 124.4 | 141.3 |
| -70° | 20.5 | 22.3 | 24.4 | 26.6 | 28.9 | 34.2 | 45.0 | 55.9 | 66.8 | 79.3 | 94.4 |
| -72.5° | 18.6 | 20.4 | 21.9 | 23.2 | 25.3 | 27.8 | 30.4 | 33.2 | 39.4 | 48.2 | 57.1 |
| -75° | 17.3 | 18.5 | 20.1 | 21.5 | 22.7 | 24.0 | 25.8 | 28.1 | 30.2 | 32.1 | 33.8 |
| -77.5° | 16.3 | 17.1 | 18.2 | 19.5 | 20.5 | 21.3 | 22.3 | 23.6 | 25.1 | 26.8 | 28.5 |
| -80° | 15.2 | 15.7 | 16.2 | 17.0 | 17.7 | 18.3 | 19.0 | 19.6 | 20.4 | 21.5 | 22.8 |
| -82.5° | 13.8 | 14.1 | 14.5 | 14.8 | 15.1 | 15.4 | 15.8 | 16.3 | 16.8 | 17.3 | 17.9 |
| -85° | 12.4 | 12.6 | 12.8 | 13.1 | 13.0 | 12.9 | 12.9 | 13.0 | 13.2 | 13.5 | 13.8 |
| -87.5° | 10.9 | 11.0 | 11.1 | 11.2 | 11.3 | 11.2 | 11.1 | 11.0 | 11.1 | 11.2 | 11.2 |
| -90° | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.3 | 3.9 | 3.5 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|----------|----------|
| 90° | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 16.9 | 21.2 | 25.5 | 29.8 | 37.3 | 44.7 |
| 87.5° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 2.7 | 2.4 | 2.0 | 1.6 | 1.6 | 1.6 |
| 85° | 4.1 | 3.9 | 3.7 | 3.4 | 3.1 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 | 2.3 |
| 82.5° | 4.7 | 4.3 | 3.9 | 3.5 | 3.1 | 2.8 | 2.5 | 2.2 | 1.8 | 1.7 | 1.6 |
| 80° | 4.7 | 4.4 | 4.0 | 3.6 | 3.2 | 3.0 | 2.9 | 2.9 | 2.9 | 3.0 | 3.0 |
| 77.5° | 4.9 | 4.7 | 4.3 | 3.8 | 3.2 | 3.1 | 3.1 | 3.1 | 3.1 | 2.8 | 2.4 |
| 75° | 6.1 | 6.0 | 5.9 | 5.5 | 4.8 | 4.5 | 4.2 | 3.8 | 3.2 | 3.1 | 3.0 |
| 72.5° | 11.2 | 11.1 | 10.5 | 9.9 | 8.7 | 7.9 | 7.6 | 7.3 | 6.9 | 6.8 | 6.7 |
| 70° | 19.7 | 19.4 | 18.3 | 16.1 | 13.1 | 11.1 | 10.3 | 9.3 | 8.2 | 7.7 | 7.7 |
| 67.5° | 27.8 | 24.7 | 21.8 | 18.7 | 15.0 | 12.2 | 10.7 | 9.1 | 7.5 | 6.6 | 6.5 |
| 65° | 30.8 | 24.7 | 20.4 | 17.0 | 14.3 | 11.7 | 9.7 | 7.8 | 6.1 | 5.3 | 5.5 |
| 62.5° | 27.7 | 20.4 | 15.9 | 13.0 | 10.7 | 9.1 | 7.5 | 6.2 | 5.2 | 4.7 | 4.8 |
| 60° | 22.0 | 14.9 | 11.0 | 9.1 | 7.6 | 6.4 | 5.6 | 4.9 | 4.2 | 3.7 | 3.9 |
| 57.5° | 15.9 | 10.6 | 7.7 | 7.1 | 6.3 | 5.2 | 4.5 | 4.2 | 4.1 | 4.2 | 4.5 |
| 55° | 10.7 | 8.8 | 7.8 | 7.0 | 6.1 | 5.3 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 52.5° | 8.9 | 8.4 | 8.0 | 7.3 | 6.4 | 5.5 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 50° | 9.0 | 8.6 | 8.1 | 7.6 | 6.7 | 5.8 | 4.8 | 4.9 | 5.3 | 5.6 | 5.6 |
| 47.5° | 9.2 | 8.7 | 8.4 | 7.9 | 7.1 | 6.8 | 6.3 | 6.4 | 7.0 | 7.2 | 7.1 |
| 45° | 9.6 | 9.6 | 9.5 | 9.4 | 8.8 | 9.0 | 9.0 | 9.1 | 11.1 | 11.1 | 9.7 |
| 42.5° | 11.8 | 12.6 | 13.2 | 13.6 | 11.7 | 15.3 | 20.6 | 23.1 | 20.3 | 16.4 | 13.9 |
| 40° | 17.8 | 18.6 | 22.3 | 24.1 | 29.7 | 34.9 | 30.1 | 24.4 | 21.8 | 23.7 | 25.1 |
| 37.5° | 28.3 | 33.5 | 40.8 | 49.3 | 45.9 | 36.5 | 36.7 | 36.6 | 35.7 | 38.8 | 38.7 |
| 35° | 47.3 | 59.3 | 66.6 | 65.0 | 60.1 | 57.4 | 59.9 | 62.7 | 56.5 | 62.0 | 63.4 |
| 32.5° | 76.1 | 90.5 | 92.4 | 87.4 | 87.7 | 92.5 | 101.1 | 99.9 | 101.8 | 108.0 | 115.1 |
| 30° | 109.8 | 126.9 | 133.4 | 124.5 | 118.0 | 129.4 | 134.3 | 138.5 | 152.4 | 170.7 | 187.0 |
| 27.5° | 165.3 | 177.8 | 189.1 | 179.7 | 160.9 | 175.0 | 184.9 | 181.9 | 220.3 | 240.8 | 286.6 |
| 25° | 234.9 | 252.6 | 259.1 | 262.6 | 256.2 | 253.6 | 278.4 | 291.1 | 344.1 | 400.2 | 495.6 |
| 22.5° | 320.8 | 369.1 | 382.8 | 364.8 | 384.9 | 399.0 | 415.8 | 472.5 | 578.5 | 750.8 | 996.8 |
| 20° | 429.8 | 528.3 | 607.6 | 594.8 | 547.5 | 607.9 | 676.2 | 854.9 | 1164.5 | 1860.4 | 2429.9 |
| 17.5° | 774.8 | 776.6 | 935.0 | 998.7 | 920.9 | 1051.8 | 1387.2 | 1968.8 | 3248.1 | 5595.5 | 7117.4 |
| 15° | 1308.0 | 1343.3 | 1416.2 | 1501.5 | 1641.5 | 1983.5 | 2659.2 | 5096.3 | 8766.4 | 13844.3 | 19054.8 |
| 12.5° | 1873.2 | 1952.9 | 2077.6 | 2147.3 | 2433.2 | 3348.4 | 6246.8 | 11583.2 | 19330.0 | 29105.5 | 45321.3 |
| 10° | 2359.0 | 2570.9 | 2731.5 | 2949.8 | 3687.1 | 5836.8 | 10838.3 | 20059.1 | 35674.7 | 56764.9 | 81691.1 |
| 7.5° | 2702.5 | 3012.5 | 3284.1 | 3694.6 | 5225.8 | 9559.2 | 17947.6 | 33287.4 | 56874.0 | 86657.6 | 121018.2 |
| 5° | 3047.9 | 3440.2 | 3744.8 | 4285.8 | 6208.5 | 12351.4 | 23514.1 | 45682.2 | 79740.7 | 120285.6 | 166239.4 |
| 2.5° | 3398.8 | 3839.8 | 4175.5 | 4845.0 | 6837.1 | 13767.1 | 26338.1 | 53079.3 | 94861.2 | 144229.6 | 200021.0 |
| 0° | 3752.1 | 4169.8 | 4523.0 | 5279.7 | 7813.6 | 15994.5 | 28998.3 | 55902.3 | 96270.1 | 146663.5 | 203294.3 |
| -2.5° | 3735.8 | 4011.6 | 4335.1 | 4921.4 | 7127.3 | 14723.7 | 26952.8 | 52831.5 | 91135.6 | 137878.1 | 189233.6 |
| -5° | 3593.7 | 3787.5 | 4043.8 | 4562.0 | 6376.3 | 12272.8 | 23310.7 | 45160.8 | 80493.0 | 123317.2 | 167583.1 |
| -7.5° | 3373.1 | 3535.6 | 3727.2 | 4154.9 | 5510.6 | 9768.2 | 18855.8 | 36221.3 | 63853.2 | 94879.0 | 128822.6 |
| -10° | 3161.4 | 3286.7 | 3422.9 | 3719.4 | 4590.4 | 7159.2 | 13376.9 | 24543.6 | 44448.9 | 67659.5 | 93490.9 |
| -12.5° | 2966.3 | 3066.3 | 3138.6 | 3264.0 | 3697.9 | 5185.6 | 9617.9 | 17603.4 | 29038.7 | 43416.5 | 62472.3 |
| -15° | 2767.5 | 2852.2 | 2889.6 | 2990.2 | 3274.1 | 4010.3 | 5797.1 | 10820.3 | 18152.9 | 27437.8 | 37100.0 |
| -17.5° | 2554.0 | 2654.7 | 2711.0 | 2775.6 | 2899.3 | 3204.3 | 4190.2 | 6302.3 | 10735.4 | 16968.7 | 23191.9 |
| -20° | 2378.5 | 2497.1 | 2545.3 | 2590.2 | 2704.2 | 2883.4 | 3164.8 | 4114.7 | 5733.9 | 9616.1 | 13485.9 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 2208.9 | 2315.8 | 2378.5 | 2475.0 | 2622.4 | 2746.4 | 2838.7 | 3064.9 | 3737.5 | 4796.8 | 6688.0 |
| -25° | 2054.6 | 2147.2 | 2271.0 | 2456.1 | 2600.5 | 2689.1 | 2706.5 | 2716.1 | 2907.9 | 3118.2 | 3756.7 |
| -27.5° | 1899.4 | 2030.5 | 2215.0 | 2423.7 | 2595.3 | 2638.5 | 2640.8 | 2637.5 | 2683.2 | 2715.1 | 2874.0 |
| -30° | 1761.0 | 1932.7 | 2106.9 | 2329.8 | 2496.7 | 2567.0 | 2596.7 | 2617.2 | 2640.7 | 2669.8 | 2680.4 |
| -32.5° | 1479.0 | 1829.9 | 1970.9 | 2149.4 | 2359.7 | 2470.9 | 2526.7 | 2574.4 | 2600.4 | 2625.8 | 2645.8 |
| -35° | 1169.3 | 1539.5 | 1876.1 | 1991.4 | 2140.7 | 2328.9 | 2469.2 | 2526.2 | 2574.2 | 2601.3 | 2626.6 |
| -37.5° | 879.4 | 1196.8 | 1524.0 | 1830.7 | 1983.1 | 2116.2 | 2295.4 | 2434.9 | 2523.1 | 2557.9 | 2588.3 |
| -40° | 775.0 | 857.4 | 1146.4 | 1427.7 | 1696.3 | 1949.9 | 2098.8 | 2267.4 | 2402.1 | 2470.4 | 2523.2 |
| -42.5° | 771.0 | 801.3 | 830.7 | 1028.2 | 1277.7 | 1522.3 | 1753.5 | 1969.9 | 2169.7 | 2305.6 | 2406.2 |
| -45° | 770.1 | 791.7 | 816.3 | 845.8 | 875.5 | 1066.4 | 1280.2 | 1495.0 | 1714.2 | 1919.9 | 2104.3 |
| -47.5° | 720.0 | 773.7 | 803.2 | 826.8 | 846.5 | 871.8 | 900.6 | 954.9 | 1133.3 | 1313.1 | 1493.4 |
| -50° | 651.3 | 705.0 | 754.1 | 801.2 | 825.0 | 841.4 | 857.1 | 875.0 | 897.5 | 920.2 | 943.3 |
| -52.5° | 574.4 | 625.4 | 675.5 | 720.4 | 759.0 | 796.2 | 831.5 | 847.7 | 859.6 | 870.6 | 880.0 |
| -55° | 502.8 | 546.5 | 588.9 | 628.7 | 667.2 | 703.5 | 736.5 | 764.8 | 790.9 | 814.7 | 833.4 |
| -57.5° | 426.7 | 468.3 | 507.7 | 541.1 | 573.1 | 603.4 | 632.6 | 659.8 | 684.4 | 706.0 | 724.2 |
| -60° | 350.3 | 384.5 | 419.1 | 451.0 | 481.4 | 510.0 | 534.3 | 556.6 | 577.1 | 595.8 | 612.9 |
| -62.5° | 278.4 | 305.1 | 334.3 | 361.1 | 385.2 | 408.6 | 434.4 | 456.7 | 475.6 | 492.2 | 507.6 |
| -65° | 222.0 | 241.1 | 262.1 | 282.3 | 301.9 | 324.1 | 348.5 | 369.8 | 388.2 | 403.6 | 416.7 |
| -67.5° | 160.4 | 179.0 | 199.1 | 217.4 | 234.3 | 252.9 | 275.3 | 296.4 | 316.2 | 332.2 | 345.1 |
| -70° | 108.0 | 121.2 | 136.4 | 152.7 | 169.1 | 186.5 | 206.2 | 225.2 | 243.6 | 258.3 | 270.5 |
| -72.5° | 66.3 | 75.0 | 83.7 | 94.6 | 105.9 | 119.3 | 134.3 | 149.6 | 164.8 | 177.3 | 187.9 |
| -75° | 35.3 | 38.3 | 44.8 | 51.1 | 56.9 | 64.4 | 72.1 | 79.3 | 86.0 | 92.0 | 97.6 |
| -77.5° | 30.1 | 31.4 | 32.5 | 33.6 | 34.6 | 37.6 | 41.3 | 45.2 | 49.2 | 53.3 | 57.4 |
| -80° | 24.0 | 25.0 | 25.9 | 26.9 | 27.8 | 30.1 | 32.6 | 35.1 | 37.5 | 40.3 | 43.1 |
| -82.5° | 18.6 | 19.0 | 19.5 | 19.9 | 20.2 | 21.9 | 23.8 | 25.6 | 27.4 | 29.6 | 31.8 |
| -85° | 14.0 | 14.2 | 14.4 | 14.6 | 14.8 | 16.2 | 17.5 | 18.9 | 20.2 | 22.5 | 24.9 |
| -87.5° | 11.3 | 11.3 | 11.2 | 11.2 | 11.1 | 12.9 | 14.6 | 16.2 | 17.7 | 19.7 | 21.6 |
| -90° | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 2.7 | 2.4 | 2.0 | 1.6 | 1.2 | 0.8 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| 90° | 52.2 | 59.7 | 63.6 | 67.5 | 63.6 | 59.7 | 52.2 | 44.7 | 37.3 | 29.8 | 25.5 |
| 87.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 2.0 |
| 85° | 2.0 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 2.0 | 2.3 | 2.7 | 3.0 | 3.0 |
| 82.5° | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.6 | 1.7 | 1.8 | 2.2 |
| 80° | 3.0 | 3.1 | 2.4 | 1.6 | 2.4 | 3.1 | 3.0 | 3.0 | 3.0 | 2.9 | 2.9 |
| 77.5° | 2.0 | 1.6 | 2.3 | 3.1 | 2.3 | 1.6 | 2.0 | 2.4 | 2.8 | 3.1 | 3.1 |
| 75° | 3.0 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.0 | 3.0 | 3.1 | 3.2 | 3.8 |
| 72.5° | 6.5 | 6.2 | 6.3 | 6.3 | 6.3 | 6.2 | 6.5 | 6.7 | 6.8 | 6.9 | 7.3 |
| 70° | 7.7 | 7.8 | 7.8 | 7.8 | 7.8 | 7.8 | 7.7 | 7.7 | 7.7 | 8.2 | 9.3 |
| 67.5° | 6.4 | 6.4 | 5.6 | 4.7 | 5.6 | 6.4 | 6.4 | 6.5 | 6.6 | 7.5 | 9.1 |
| 65° | 5.8 | 6.2 | 5.6 | 4.7 | 5.6 | 6.2 | 5.8 | 5.5 | 5.3 | 6.1 | 7.8 |
| 62.5° | 4.8 | 4.8 | 4.7 | 4.7 | 4.7 | 4.8 | 4.8 | 4.8 | 4.7 | 5.2 | 6.2 |
| 60° | 4.2 | 4.6 | 4.7 | 4.7 | 4.7 | 4.6 | 4.2 | 3.9 | 3.7 | 4.2 | 4.9 |
| 57.5° | 4.6 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.6 | 4.5 | 4.2 | 4.1 | 4.2 |
| 55° | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 52.5° | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 50° | 5.3 | 4.9 | 4.7 | 4.7 | 4.7 | 4.9 | 5.3 | 5.6 | 5.6 | 5.3 | 4.9 |
| 47.5° | 6.8 | 6.4 | 6.3 | 6.3 | 6.3 | 6.4 | 6.8 | 7.1 | 7.2 | 7.0 | 6.4 |
| 45° | 9.7 | 9.5 | 9.3 | 9.4 | 9.3 | 9.5 | 9.7 | 9.7 | 11.1 | 11.1 | 9.1 |
| 42.5° | 14.1 | 14.0 | 14.0 | 14.1 | 14.0 | 14.0 | 14.1 | 13.9 | 16.4 | 20.3 | 23.1 |
| 40° | 26.4 | 26.6 | 26.0 | 25.1 | 26.0 | 26.6 | 26.4 | 25.1 | 23.7 | 21.8 | 24.4 |
| 37.5° | 38.6 | 38.9 | 38.8 | 39.2 | 38.8 | 38.9 | 38.6 | 38.7 | 38.8 | 35.7 | 36.6 |
| 35° | 62.5 | 61.0 | 57.5 | 58.1 | 57.5 | 61.0 | 62.5 | 63.4 | 62.0 | 56.5 | 62.7 |
| 32.5° | 119.6 | 118.0 | 111.3 | 116.2 | 111.3 | 118.0 | 119.6 | 115.1 | 108.0 | 101.8 | 99.9 |
| 30° | 201.3 | 209.3 | 212.8 | 211.9 | 212.8 | 209.3 | 201.3 | 187.0 | 170.7 | 152.4 | 138.5 |
| 27.5° | 310.1 | 327.8 | 338.8 | 345.4 | 338.8 | 327.8 | 310.1 | 286.6 | 240.8 | 220.3 | 181.9 |
| 25° | 564.1 | 607.9 | 632.7 | 665.7 | 632.7 | 607.9 | 564.1 | 495.6 | 400.2 | 344.1 | 291.1 |
| 22.5° | 1261.4 | 1419.7 | 1520.5 | 1591.9 | 1520.5 | 1419.7 | 1261.4 | 996.8 | 750.8 | 578.5 | 472.5 |
| 20° | 3272.8 | 3259.9 | 3522.2 | 3664.2 | 3522.2 | 3259.9 | 3272.8 | 2429.9 | 1860.4 | 1164.5 | 854.9 |
| 17.5° | 10244.9 | 11873.1 | 12286.2 | 11933.1 | 12286.2 | 11873.1 | 10244.9 | 7117.4 | 5595.5 | 3248.1 | 1968.8 |
| 15° | 26334.0 | 31772.5 | 34292.7 | 34257.6 | 34292.7 | 31772.5 | 26334.0 | 19054.8 | 13844.3 | 8766.4 | 5096.3 |
| 12.5° | 56785.7 | 67289.0 | 74147.1 | 78295.9 | 74147.1 | 67289.0 | 56785.7 | 45321.3 | 29105.5 | 19330.0 | 11583.2 |
| 10° | 103053.0 | 121045.8 | 135393.8 | 142602.1 | 135393.8 | 121045.8 | 103053.0 | 81691.1 | 56764.9 | 35674.7 | 20059.1 |
| 7.5° | 152722.4 | 181835.0 | 206417.3 | 216621.5 | 206417.3 | 181835.0 | 152722.4 | 121018.2 | 86657.6 | 56874.0 | 33287.4 |
| 5° | 210263.6 | 256586.4 | 279593.5 | 289507.3 | 279593.5 | 256586.4 | 210263.6 | 166239.4 | 120285.6 | 79740.7 | 45682.2 |
| 2.5° | 258403.2 | 304593.4 | 336750.5 | 348971.9 | 336750.5 | 304593.4 | 258403.2 | 200021.0 | 144229.6 | 94861.2 | 53079.3 |
| 0° | 268039.3 | 316326.6 | 351718.5 | 377337.4 | 351718.5 | 316326.6 | 268039.3 | 203294.3 | 146663.5 | 96270.1 | 55902.3 |
| -2.5° | 247572.7 | 294753.8 | 320614.2 | 331449.0 | 320614.2 | 294753.8 | 247572.7 | 189233.6 | 137878.1 | 91135.6 | 52831.5 |
| -5° | 215223.8 | 257099.4 | 281008.3 | 285810.1 | 281008.3 | 257099.4 | 215223.8 | 167583.1 | 123317.2 | 80493.0 | 45160.8 |
| -7.5° | 164469.8 | 193457.5 | 212315.5 | 216122.2 | 212315.5 | 193457.5 | 164469.8 | 128822.6 | 94879.0 | 63853.2 | 36221.3 |
| -10° | 119609.5 | 140509.8 | 152620.2 | 153930.7 | 152620.2 | 140509.8 | 119609.5 | 93490.9 | 67659.5 | 44448.9 | 24543.6 |
| -12.5° | 79917.3 | 96293.9 | 104859.1 | 106097.2 | 104859.1 | 96293.9 | 79917.3 | 62472.3 | 43416.5 | 29038.7 | 17603.4 |
| -15° | 50079.9 | 60732.1 | 67022.8 | 68386.4 | 67022.8 | 60732.1 | 50079.9 | 37100.0 | 27437.8 | 18152.9 | 10820.3 |
| -17.5° | 30856.8 | 36244.9 | 39544.5 | 41725.8 | 39544.5 | 36244.9 | 30856.8 | 23191.9 | 16968.7 | 10735.4 | 6302.3 |
| -20° | 18042.5 | 21536.5 | 23497.3 | 24389.0 | 23497.3 | 21536.5 | 18042.5 | 13485.9 | 9616.1 | 5733.9 | 4114.7 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|--------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| -22.5° | 9058.1 | 10781.9 | 11956.0 | 12134.0 | 11956.0 | 10781.9 | 9058.1 | 6688.0 | 4796.8 | 3737.5 | 3064.9 |
| -25° | 4393.1 | 4873.2 | 5202.7 | 5221.6 | 5202.7 | 4873.2 | 4393.1 | 3756.7 | 3118.2 | 2907.9 | 2716.1 |
| -27.5° | 3003.9 | 3103.7 | 3168.3 | 3205.8 | 3168.3 | 3103.7 | 3003.9 | 2874.0 | 2715.1 | 2683.2 | 2637.5 |
| -30° | 2691.5 | 2706.5 | 2715.6 | 2703.4 | 2715.6 | 2706.5 | 2691.5 | 2680.4 | 2669.8 | 2640.7 | 2617.2 |
| -32.5° | 2652.5 | 2659.5 | 2664.4 | 2656.3 | 2664.4 | 2659.5 | 2652.5 | 2645.8 | 2625.8 | 2600.4 | 2574.4 |
| -35° | 2649.5 | 2668.9 | 2684.0 | 2679.9 | 2684.0 | 2668.9 | 2649.5 | 2626.6 | 2601.3 | 2574.2 | 2526.2 |
| -37.5° | 2610.6 | 2627.6 | 2639.0 | 2639.1 | 2639.0 | 2627.6 | 2610.6 | 2588.3 | 2557.9 | 2523.1 | 2434.9 |
| -40° | 2552.8 | 2576.1 | 2590.5 | 2590.4 | 2590.5 | 2576.1 | 2552.8 | 2523.2 | 2470.4 | 2402.1 | 2267.4 |
| -42.5° | 2454.3 | 2486.9 | 2502.2 | 2500.9 | 2502.2 | 2486.9 | 2454.3 | 2406.2 | 2305.6 | 2169.7 | 1969.9 |
| -45° | 2242.7 | 2347.8 | 2404.2 | 2409.9 | 2404.2 | 2347.8 | 2242.7 | 2104.3 | 1919.9 | 1714.2 | 1495.0 |
| -47.5° | 1671.1 | 1833.0 | 1932.4 | 1954.6 | 1932.4 | 1833.0 | 1671.1 | 1493.4 | 1313.1 | 1133.3 | 954.9 |
| -50° | 966.3 | 988.0 | 997.2 | 993.8 | 997.2 | 988.0 | 966.3 | 943.3 | 920.2 | 897.5 | 875.0 |
| -52.5° | 889.1 | 897.8 | 904.4 | 909.0 | 904.4 | 897.8 | 889.1 | 880.0 | 870.6 | 859.6 | 847.7 |
| -55° | 848.5 | 860.3 | 867.7 | 871.3 | 867.7 | 860.3 | 848.5 | 833.4 | 814.7 | 790.9 | 764.8 |
| -57.5° | 739.2 | 750.8 | 757.3 | 759.8 | 757.3 | 750.8 | 739.2 | 724.2 | 706.0 | 684.4 | 659.8 |
| -60° | 627.1 | 638.5 | 645.2 | 648.4 | 645.2 | 638.5 | 627.1 | 612.9 | 595.8 | 577.1 | 556.6 |
| -62.5° | 520.7 | 531.4 | 537.9 | 541.6 | 537.9 | 531.4 | 520.7 | 507.6 | 492.2 | 475.6 | 456.7 |
| -65° | 428.4 | 438.6 | 444.1 | 447.4 | 444.1 | 438.6 | 428.4 | 416.7 | 403.6 | 388.2 | 369.8 |
| -67.5° | 356.6 | 366.7 | 373.4 | 378.4 | 373.4 | 366.7 | 356.6 | 345.1 | 332.2 | 316.2 | 296.4 |
| -70° | 281.6 | 291.6 | 295.2 | 296.7 | 295.2 | 291.6 | 281.6 | 270.5 | 258.3 | 243.6 | 225.2 |
| -72.5° | 197.3 | 205.6 | 211.1 | 215.1 | 211.1 | 205.6 | 197.3 | 187.9 | 177.3 | 164.8 | 149.6 |
| -75° | 102.6 | 107.1 | 110.3 | 113.0 | 110.3 | 107.1 | 102.6 | 97.6 | 92.0 | 86.0 | 79.3 |
| -77.5° | 61.4 | 65.4 | 67.4 | 69.1 | 67.4 | 65.4 | 61.4 | 57.4 | 53.3 | 49.2 | 45.2 |
| -80° | 45.8 | 48.4 | 49.4 | 50.2 | 49.4 | 48.4 | 45.8 | 43.1 | 40.3 | 37.5 | 35.1 |
| -82.5° | 33.9 | 36.0 | 36.9 | 37.7 | 36.9 | 36.0 | 33.9 | 31.8 | 29.6 | 27.4 | 25.6 |
| -85° | 27.3 | 29.7 | 30.6 | 31.4 | 30.6 | 29.7 | 27.3 | 24.9 | 22.5 | 20.2 | 18.9 |
| -87.5° | 23.4 | 25.2 | 26.7 | 28.3 | 26.7 | 25.2 | 23.4 | 21.6 | 19.7 | 17.7 | 16.2 |
| -90° | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 21.2 | 16.9 | 12.6 | 12.6 | 12.6 | 12.6 | 12.6 | 12.2 | 11.8 | 11.4 | 11.0 |
| 87.5° | 2.4 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.9 | 4.3 | 4.7 |
| 85° | 3.0 | 3.0 | 3.1 | 3.4 | 3.7 | 3.9 | 4.1 | 4.2 | 4.3 | 4.5 | 4.7 |
| 82.5° | 2.5 | 2.8 | 3.1 | 3.5 | 3.9 | 4.3 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 |
| 80° | 2.9 | 3.0 | 3.2 | 3.6 | 4.0 | 4.4 | 4.7 | 4.8 | 4.8 | 4.7 | 4.8 |
| 77.5° | 3.1 | 3.1 | 3.2 | 3.8 | 4.3 | 4.7 | 4.9 | 5.2 | 5.4 | 5.6 | 5.6 |
| 75° | 4.2 | 4.5 | 4.8 | 5.5 | 5.9 | 6.0 | 6.1 | 6.0 | 6.0 | 6.2 | 6.3 |
| 72.5° | 7.6 | 7.9 | 8.7 | 9.9 | 10.5 | 11.1 | 11.2 | 10.5 | 9.3 | 7.6 | 6.3 |
| 70° | 10.3 | 11.1 | 13.1 | 16.1 | 18.3 | 19.4 | 19.7 | 19.0 | 17.1 | 15.3 | 12.2 |
| 67.5° | 10.7 | 12.2 | 15.0 | 18.7 | 21.8 | 24.7 | 27.8 | 30.5 | 30.6 | 28.4 | 20.9 |
| 65° | 9.7 | 11.7 | 14.3 | 17.0 | 20.4 | 24.7 | 30.8 | 35.0 | 37.7 | 38.8 | 32.1 |
| 62.5° | 7.5 | 9.1 | 10.7 | 13.0 | 15.9 | 20.4 | 27.7 | 34.2 | 40.2 | 42.0 | 35.4 |
| 60° | 5.6 | 6.4 | 7.6 | 9.1 | 11.0 | 14.9 | 22.0 | 30.0 | 38.9 | 38.7 | 35.2 |
| 57.5° | 4.5 | 5.2 | 6.3 | 7.1 | 7.7 | 10.6 | 15.9 | 23.0 | 31.5 | 32.3 | 31.2 |
| 55° | 4.7 | 5.3 | 6.1 | 7.0 | 7.8 | 8.8 | 10.7 | 15.1 | 21.6 | 23.7 | 24.1 |
| 52.5° | 4.7 | 5.5 | 6.4 | 7.3 | 8.0 | 8.4 | 8.9 | 11.2 | 13.1 | 16.0 | 17.6 |
| 50° | 4.8 | 5.8 | 6.7 | 7.6 | 8.1 | 8.6 | 9.0 | 9.4 | 10.5 | 11.8 | 12.8 |
| 47.5° | 6.3 | 6.8 | 7.1 | 7.9 | 8.4 | 8.7 | 9.2 | 9.8 | 10.3 | 10.5 | 11.2 |
| 45° | 9.0 | 9.0 | 8.8 | 9.4 | 9.5 | 9.6 | 9.6 | 10.6 | 11.1 | 11.2 | 11.0 |
| 42.5° | 20.6 | 15.3 | 11.7 | 13.6 | 13.2 | 12.6 | 11.8 | 12.7 | 12.8 | 12.6 | 13.4 |
| 40° | 30.1 | 34.9 | 29.7 | 24.1 | 22.3 | 18.6 | 17.8 | 16.4 | 16.1 | 14.9 | 17.5 |
| 37.5° | 36.7 | 36.5 | 45.9 | 49.3 | 40.8 | 33.5 | 28.3 | 23.9 | 20.8 | 22.0 | 23.8 |
| 35° | 59.9 | 57.4 | 60.1 | 65.0 | 66.6 | 59.3 | 47.3 | 36.3 | 30.6 | 31.1 | 31.8 |
| 32.5° | 101.1 | 92.5 | 87.7 | 87.4 | 92.4 | 90.5 | 76.1 | 58.1 | 47.3 | 43.7 | 41.6 |
| 30° | 134.3 | 129.4 | 118.0 | 124.5 | 133.4 | 126.9 | 109.8 | 98.6 | 80.2 | 58.8 | 53.1 |
| 27.5° | 184.9 | 175.0 | 160.9 | 179.7 | 189.1 | 177.8 | 165.3 | 152.3 | 122.0 | 89.4 | 70.9 |
| 25° | 278.4 | 253.6 | 256.2 | 262.6 | 259.1 | 252.6 | 234.9 | 213.6 | 179.5 | 135.7 | 113.8 |
| 22.5° | 415.8 | 399.0 | 384.9 | 364.8 | 382.8 | 369.1 | 320.8 | 279.2 | 272.0 | 258.1 | 196.5 |
| 20° | 676.2 | 607.9 | 547.5 | 594.8 | 607.6 | 528.3 | 429.8 | 436.6 | 486.7 | 438.5 | 307.3 |
| 17.5° | 1387.2 | 1051.8 | 920.9 | 998.7 | 935.0 | 776.6 | 774.8 | 759.0 | 743.8 | 665.2 | 439.6 |
| 15° | 2659.2 | 1983.5 | 1641.5 | 1501.5 | 1416.2 | 1343.3 | 1308.0 | 1130.8 | 1041.8 | 913.2 | 653.5 |
| 12.5° | 6246.8 | 3348.4 | 2433.2 | 2147.3 | 2077.6 | 1952.9 | 1873.2 | 1617.4 | 1382.3 | 1232.1 | 982.9 |
| 10° | 10838.3 | 5836.8 | 3687.1 | 2949.8 | 2731.5 | 2570.9 | 2359.0 | 2047.4 | 1745.0 | 1574.3 | 1323.0 |
| 7.5° | 17947.6 | 9559.2 | 5225.8 | 3694.6 | 3284.1 | 3012.5 | 2702.5 | 2398.2 | 2093.5 | 1907.3 | 1666.3 |
| 5° | 23514.1 | 12351.4 | 6208.5 | 4285.8 | 3744.8 | 3440.2 | 3047.9 | 2701.2 | 2428.3 | 2230.9 | 2003.0 |
| 2.5° | 26338.1 | 13767.1 | 6837.1 | 4845.0 | 4175.5 | 3839.8 | 3398.8 | 2971.0 | 2672.1 | 2437.1 | 2195.5 |
| 0° | 28998.3 | 15994.5 | 7813.6 | 5279.7 | 4523.0 | 4169.8 | 3752.1 | 3226.2 | 2868.3 | 2612.4 | 2362.8 |
| -2.5° | 26952.8 | 14723.7 | 7127.3 | 4921.4 | 4335.1 | 4011.6 | 3735.8 | 3312.8 | 2939.0 | 2640.4 | 2337.0 |
| -5° | 23310.7 | 12272.8 | 6376.3 | 4562.0 | 4043.8 | 3787.5 | 3593.7 | 3277.2 | 2926.3 | 2630.3 | 2278.0 |
| -7.5° | 18855.8 | 9768.2 | 5510.6 | 4154.9 | 3727.2 | 3535.6 | 3373.1 | 3100.3 | 2763.2 | 2502.3 | 2133.0 |
| -10° | 13376.9 | 7159.2 | 4590.4 | 3719.4 | 3422.9 | 3286.7 | 3161.4 | 2896.3 | 2596.5 | 2367.7 | 1961.7 |
| -12.5° | 9617.9 | 5185.6 | 3697.9 | 3264.0 | 3138.6 | 3066.3 | 2966.3 | 2676.3 | 2431.0 | 2229.9 | 1767.6 |
| -15° | 5797.1 | 4010.3 | 3274.1 | 2990.2 | 2889.6 | 2852.2 | 2767.5 | 2494.8 | 2302.7 | 2093.9 | 1553.6 |
| -17.5° | 4190.2 | 3204.3 | 2899.3 | 2775.6 | 2711.0 | 2654.7 | 2554.0 | 2357.7 | 2163.1 | 1900.4 | 1320.2 |
| -20° | 3164.8 | 2883.4 | 2704.2 | 2590.2 | 2545.3 | 2497.1 | 2378.5 | 2207.8 | 2001.9 | 1618.8 | 1095.7 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| -22.5° | 2838.7 | 2746.4 | 2622.4 | 2475.0 | 2378.5 | 2315.8 | 2208.9 | 2047.7 | 1821.7 | 1321.6 | 876.3 |
| -25° | 2706.5 | 2689.1 | 2600.5 | 2456.1 | 2271.0 | 2147.2 | 2054.6 | 1885.6 | 1530.0 | 1050.7 | 691.8 |
| -27.5° | 2640.8 | 2638.5 | 2595.3 | 2423.7 | 2215.0 | 2030.5 | 1899.4 | 1698.0 | 1237.1 | 848.6 | 665.7 |
| -30° | 2596.7 | 2567.0 | 2496.7 | 2329.8 | 2106.9 | 1932.7 | 1761.0 | 1379.5 | 995.8 | 695.7 | 654.6 |
| -32.5° | 2526.7 | 2470.9 | 2359.7 | 2149.4 | 1970.9 | 1829.9 | 1479.0 | 1087.1 | 765.6 | 683.0 | 649.3 |
| -35° | 2469.2 | 2328.9 | 2140.7 | 1991.4 | 1876.1 | 1539.5 | 1169.3 | 842.9 | 708.8 | 670.4 | 645.0 |
| -37.5° | 2295.4 | 2116.2 | 1983.1 | 1830.7 | 1524.0 | 1196.8 | 879.4 | 742.6 | 694.8 | 665.0 | 620.6 |
| -40° | 2098.8 | 1949.9 | 1696.3 | 1427.7 | 1146.4 | 857.4 | 775.0 | 733.7 | 696.9 | 645.7 | 585.8 |
| -42.5° | 1753.5 | 1522.3 | 1277.7 | 1028.2 | 830.7 | 801.3 | 771.0 | 735.1 | 682.9 | 612.8 | 544.8 |
| -45° | 1280.2 | 1066.4 | 875.5 | 845.8 | 816.3 | 791.7 | 770.1 | 711.1 | 641.5 | 570.0 | 501.0 |
| -47.5° | 900.6 | 871.8 | 846.5 | 826.8 | 803.2 | 773.7 | 720.0 | 659.9 | 588.4 | 520.6 | 459.6 |
| -50° | 857.1 | 841.4 | 825.0 | 801.2 | 754.1 | 705.0 | 651.3 | 594.6 | 530.4 | 471.1 | 414.3 |
| -52.5° | 831.5 | 796.2 | 759.0 | 720.4 | 675.5 | 625.4 | 574.4 | 525.9 | 472.3 | 417.6 | 365.2 |
| -55° | 736.5 | 703.5 | 667.2 | 628.7 | 588.9 | 546.5 | 502.8 | 457.3 | 409.7 | 360.1 | 315.2 |
| -57.5° | 632.6 | 603.4 | 573.1 | 541.1 | 507.7 | 468.3 | 426.7 | 385.0 | 345.9 | 304.5 | 265.1 |
| -60° | 534.3 | 510.0 | 481.4 | 451.0 | 419.1 | 384.5 | 350.3 | 316.2 | 282.5 | 253.9 | 223.8 |
| -62.5° | 434.4 | 408.6 | 385.2 | 361.1 | 334.3 | 305.1 | 278.4 | 255.9 | 233.3 | 208.6 | 178.1 |
| -65° | 348.5 | 324.1 | 301.9 | 282.3 | 262.1 | 241.1 | 222.0 | 201.4 | 179.0 | 155.1 | 129.1 |
| -67.5° | 275.3 | 252.9 | 234.3 | 217.4 | 199.1 | 179.0 | 160.4 | 141.3 | 124.4 | 107.2 | 87.8 |
| -70° | 206.2 | 186.5 | 169.1 | 152.7 | 136.4 | 121.2 | 108.0 | 94.4 | 79.3 | 66.8 | 55.9 |
| -72.5° | 134.3 | 119.3 | 105.9 | 94.6 | 83.7 | 75.0 | 66.3 | 57.1 | 48.2 | 39.4 | 33.2 |
| -75° | 72.1 | 64.4 | 56.9 | 51.1 | 44.8 | 38.3 | 35.3 | 33.8 | 32.1 | 30.2 | 28.1 |
| -77.5° | 41.3 | 37.6 | 34.6 | 33.6 | 32.5 | 31.4 | 30.1 | 28.5 | 26.8 | 25.1 | 23.6 |
| -80° | 32.6 | 30.1 | 27.8 | 26.9 | 25.9 | 25.0 | 24.0 | 22.8 | 21.5 | 20.4 | 19.6 |
| -82.5° | 23.8 | 21.9 | 20.2 | 19.9 | 19.5 | 19.0 | 18.6 | 17.9 | 17.3 | 16.8 | 16.3 |
| -85° | 17.5 | 16.2 | 14.8 | 14.6 | 14.4 | 14.2 | 14.0 | 13.8 | 13.5 | 13.2 | 13.0 |
| -87.5° | 14.6 | 12.9 | 11.1 | 11.2 | 11.2 | 11.3 | 11.3 | 11.2 | 11.2 | 11.1 | 11.0 |
| -90° | 2.4 | 2.7 | 3.1 | 3.1 | 3.1 | 3.1 | 3.1 | 3.5 | 3.9 | 4.3 | 4.7 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| 90° | 10.6 | 10.2 | 9.8 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.0 | 8.6 | 8.2 |
| 87.5° | 4.7 | 4.7 | 4.7 | 4.7 | 4.9 | 5.1 | 5.3 | 5.4 | 5.6 | 5.8 | 6.0 |
| 85° | 4.8 | 4.9 | 5.0 | 4.9 | 5.2 | 5.5 | 5.8 | 6.1 | 6.0 | 6.1 | 6.1 |
| 82.5° | 5.1 | 5.5 | 5.7 | 5.9 | 5.8 | 5.9 | 6.1 | 6.3 | 6.3 | 6.3 | 6.3 |
| 80° | 5.2 | 5.6 | 6.0 | 6.3 | 6.3 | 6.3 | 6.2 | 6.3 | 6.3 | 6.3 | 6.3 |
| 77.5° | 5.6 | 5.7 | 6.0 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 75° | 6.3 | 6.2 | 6.2 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 72.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 70° | 9.2 | 6.8 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.4 | 6.3 | 6.3 | 6.3 |
| 67.5° | 14.3 | 10.8 | 8.2 | 6.6 | 6.3 | 6.3 | 6.3 | 6.5 | 6.5 | 6.3 | 6.3 |
| 65° | 23.2 | 16.0 | 10.8 | 8.7 | 7.1 | 6.3 | 6.3 | 6.6 | 6.8 | 6.6 | 6.3 |
| 62.5° | 29.0 | 22.2 | 15.6 | 11.2 | 8.5 | 7.0 | 6.3 | 6.7 | 7.0 | 7.0 | 6.6 |
| 60° | 31.1 | 24.6 | 20.0 | 15.3 | 10.8 | 7.9 | 6.9 | 6.8 | 7.1 | 7.4 | 7.0 |
| 57.5° | 28.0 | 25.3 | 22.3 | 18.6 | 14.0 | 9.6 | 7.6 | 7.2 | 7.2 | 7.5 | 7.4 |
| 55° | 23.4 | 22.1 | 23.4 | 20.9 | 16.8 | 12.2 | 8.9 | 7.9 | 7.4 | 7.6 | 7.8 |
| 52.5° | 17.5 | 19.7 | 22.5 | 22.5 | 19.1 | 14.5 | 10.9 | 8.5 | 7.9 | 7.6 | 8.0 |
| 50° | 13.3 | 16.9 | 21.3 | 23.0 | 21.2 | 16.8 | 12.6 | 9.8 | 8.5 | 7.8 | 8.1 |
| 47.5° | 12.3 | 15.5 | 19.1 | 23.4 | 22.8 | 18.9 | 14.4 | 11.0 | 9.1 | 8.3 | 8.3 |
| 45° | 13.2 | 15.4 | 18.0 | 21.7 | 24.2 | 20.2 | 16.1 | 11.9 | 9.8 | 8.9 | 8.5 |
| 42.5° | 15.0 | 16.7 | 18.4 | 20.2 | 22.8 | 21.0 | 17.5 | 13.1 | 10.4 | 9.5 | 8.9 |
| 40° | 18.7 | 18.9 | 19.5 | 21.3 | 21.7 | 21.5 | 18.1 | 14.3 | 10.8 | 10.2 | 9.5 |
| 37.5° | 23.4 | 22.7 | 22.1 | 24.0 | 22.2 | 21.2 | 18.3 | 15.3 | 11.9 | 10.9 | 10.0 |
| 35° | 30.7 | 27.9 | 27.3 | 28.5 | 26.1 | 21.6 | 18.3 | 15.9 | 13.6 | 11.7 | 10.4 |
| 32.5° | 39.4 | 37.0 | 36.1 | 34.2 | 31.3 | 22.7 | 18.7 | 17.2 | 15.2 | 12.7 | 10.9 |
| 30° | 51.9 | 53.6 | 46.9 | 40.7 | 37.5 | 27.6 | 20.9 | 18.8 | 16.9 | 13.6 | 11.5 |
| 27.5° | 77.1 | 75.0 | 60.6 | 50.4 | 43.6 | 34.3 | 25.4 | 20.7 | 18.6 | 14.8 | 12.2 |
| 25° | 109.6 | 100.7 | 81.5 | 62.2 | 50.4 | 55.2 | 30.9 | 22.8 | 20.2 | 16.2 | 13.0 |
| 22.5° | 152.6 | 130.6 | 105.5 | 75.1 | 81.2 | 83.2 | 42.5 | 27.2 | 21.9 | 17.6 | 13.9 |
| 20° | 202.4 | 164.3 | 141.6 | 125.0 | 118.8 | 110.9 | 62.9 | 31.9 | 23.7 | 18.9 | 14.7 |
| 17.5° | 265.8 | 234.3 | 227.1 | 189.6 | 160.8 | 141.2 | 87.2 | 37.1 | 25.6 | 20.2 | 15.5 |
| 15° | 437.6 | 346.0 | 318.8 | 261.8 | 205.5 | 173.7 | 114.4 | 42.5 | 27.5 | 21.5 | 16.2 |
| 12.5° | 653.8 | 458.2 | 415.3 | 339.9 | 252.1 | 207.8 | 143.6 | 48.0 | 29.5 | 22.7 | 16.8 |
| 10° | 892.5 | 570.4 | 515.1 | 421.9 | 299.9 | 242.9 | 173.8 | 54.6 | 32.8 | 23.9 | 17.3 |
| 7.5° | 1143.9 | 682.0 | 616.7 | 505.6 | 347.4 | 276.6 | 205.3 | 63.3 | 36.4 | 25.1 | 17.8 |
| 5° | 1376.8 | 778.6 | 701.0 | 576.1 | 389.7 | 307.9 | 235.5 | 71.9 | 40.1 | 26.3 | 18.2 |
| 2.5° | 1509.4 | 851.6 | 771.7 | 640.9 | 430.6 | 337.7 | 263.1 | 80.2 | 43.7 | 27.4 | 18.5 |
| 0° | 1617.0 | 921.6 | 838.3 | 700.2 | 469.4 | 365.8 | 287.3 | 87.9 | 47.1 | 28.3 | 18.8 |
| -2.5° | 1588.8 | 910.8 | 825.9 | 694.7 | 481.4 | 374.3 | 290.9 | 102.1 | 58.3 | 35.6 | 22.5 |
| -5° | 1533.5 | 896.8 | 809.8 | 683.8 | 490.3 | 380.5 | 290.6 | 115.3 | 68.9 | 42.6 | 26.0 |
| -7.5° | 1427.3 | 865.4 | 784.8 | 667.7 | 495.7 | 384.3 | 287.3 | 127.4 | 78.8 | 49.1 | 29.2 |
| -10° | 1291.5 | 822.9 | 749.3 | 640.3 | 488.2 | 383.0 | 281.6 | 138.2 | 87.9 | 55.0 | 32.1 |
| -12.5° | 1134.0 | 779.5 | 714.6 | 611.1 | 476.5 | 377.5 | 274.3 | 147.5 | 95.9 | 60.1 | 34.5 |
| -15° | 956.6 | 735.7 | 682.0 | 581.0 | 462.8 | 370.7 | 265.8 | 155.2 | 102.7 | 64.7 | 36.4 |
| -17.5° | 765.0 | 692.0 | 652.8 | 551.3 | 447.2 | 362.6 | 256.8 | 161.2 | 108.4 | 68.8 | 38.3 |
| -20° | 710.6 | 663.3 | 625.2 | 522.7 | 430.0 | 353.5 | 247.8 | 165.4 | 113.0 | 71.8 | 40.0 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|
| -22.5° | 684.1 | 647.7 | 594.1 | 499.3 | 413.8 | 343.6 | 239.4 | 167.8 | 116.2 | 73.8 | 40.9 |
| -25° | 659.6 | 633.2 | 564.5 | 477.5 | 400.4 | 329.0 | 236.1 | 168.2 | 118.1 | 74.6 | 40.9 |
| -27.5° | 641.9 | 614.4 | 535.0 | 454.0 | 385.4 | 316.6 | 235.5 | 169.6 | 118.7 | 74.1 | 39.8 |
| -30° | 628.3 | 581.2 | 506.8 | 430.7 | 368.8 | 300.0 | 232.3 | 169.4 | 117.8 | 72.8 | 37.8 |
| -32.5° | 617.0 | 549.3 | 477.5 | 410.7 | 349.2 | 282.3 | 222.2 | 167.4 | 115.3 | 70.3 | 36.4 |
| -35° | 587.8 | 518.2 | 447.5 | 389.0 | 328.2 | 266.1 | 208.9 | 163.5 | 110.9 | 66.4 | 34.9 |
| -37.5° | 556.5 | 486.0 | 422.2 | 365.6 | 306.7 | 248.2 | 196.5 | 151.9 | 104.8 | 60.9 | 32.6 |
| -40° | 519.5 | 454.0 | 396.0 | 341.6 | 285.1 | 228.7 | 182.4 | 138.6 | 97.1 | 53.8 | 29.6 |
| -42.5° | 480.5 | 422.6 | 367.8 | 316.7 | 262.1 | 211.4 | 166.7 | 123.9 | 84.9 | 48.3 | 25.9 |
| -45° | 443.4 | 388.6 | 337.1 | 287.6 | 238.0 | 192.3 | 148.8 | 108.0 | 71.4 | 43.1 | 23.1 |
| -47.5° | 403.3 | 352.1 | 303.5 | 256.5 | 214.5 | 171.2 | 129.4 | 91.9 | 57.2 | 37.0 | 22.2 |
| -50° | 360.4 | 313.1 | 267.8 | 227.0 | 188.4 | 147.9 | 109.0 | 74.9 | 48.4 | 29.2 | 21.1 |
| -52.5° | 316.7 | 272.4 | 233.8 | 197.6 | 160.4 | 122.9 | 89.1 | 57.8 | 39.2 | 25.4 | 19.8 |
| -55° | 271.6 | 234.6 | 201.1 | 166.3 | 131.1 | 99.0 | 68.2 | 47.0 | 29.5 | 23.3 | 18.4 |
| -57.5° | 232.1 | 199.0 | 166.1 | 133.3 | 103.2 | 74.8 | 52.3 | 35.7 | 25.5 | 21.2 | 17.9 |
| -60° | 192.7 | 160.1 | 129.2 | 102.1 | 75.9 | 54.8 | 39.3 | 27.0 | 23.3 | 19.4 | 17.2 |
| -62.5° | 148.3 | 120.2 | 95.6 | 71.8 | 54.1 | 39.9 | 27.8 | 24.6 | 21.0 | 18.4 | 16.4 |
| -65° | 106.9 | 84.6 | 63.1 | 50.3 | 37.5 | 27.9 | 25.2 | 22.1 | 19.5 | 17.4 | 15.6 |
| -67.5° | 68.3 | 55.8 | 43.4 | 31.9 | 27.5 | 25.1 | 22.6 | 20.2 | 18.1 | 16.3 | 14.9 |
| -70° | 45.0 | 34.2 | 28.9 | 26.6 | 24.4 | 22.3 | 20.5 | 18.5 | 16.7 | 15.5 | 14.1 |
| -72.5° | 30.4 | 27.8 | 25.3 | 23.2 | 21.9 | 20.4 | 18.6 | 17.0 | 16.0 | 14.8 | 13.4 |
| -75° | 25.8 | 24.0 | 22.7 | 21.5 | 20.1 | 18.5 | 17.3 | 16.3 | 15.3 | 14.0 | 12.5 |
| -77.5° | 22.3 | 21.3 | 20.5 | 19.5 | 18.2 | 17.1 | 16.3 | 15.7 | 14.5 | 13.1 | 11.6 |
| -80° | 19.0 | 18.3 | 17.7 | 17.0 | 16.2 | 15.7 | 15.2 | 14.6 | 13.3 | 12.1 | 10.7 |
| -82.5° | 15.8 | 15.4 | 15.1 | 14.8 | 14.5 | 14.1 | 13.8 | 13.4 | 12.2 | 11.0 | 10.0 |
| -85° | 12.9 | 12.9 | 13.0 | 13.1 | 12.8 | 12.6 | 12.4 | 12.1 | 11.1 | 10.2 | 9.4 |
| -87.5° | 11.1 | 11.2 | 11.3 | 11.2 | 11.1 | 11.0 | 10.9 | 10.7 | 10.1 | 9.4 | 8.8 |
| -90° | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 4.7 | 5.1 | 5.5 | 5.9 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| 90° | 7.8 | 7.4 | 7.1 | 6.7 | 6.3 | 6.3 | 6.3 |
| 87.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 85° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 82.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 80° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 77.5° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 75° | 6.3 | 6.4 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| 72.5° | 6.4 | 6.5 | 6.5 | 6.3 | 6.3 | 6.3 | 6.3 |
| 70° | 6.4 | 6.6 | 6.6 | 6.3 | 6.3 | 6.3 | 6.3 |
| 67.5° | 6.5 | 6.8 | 6.8 | 6.5 | 6.3 | 6.3 | 6.3 |
| 65° | 6.5 | 6.8 | 6.9 | 6.6 | 6.3 | 6.3 | 6.3 |
| 62.5° | 6.5 | 6.9 | 7.1 | 6.8 | 6.3 | 6.3 | 6.3 |
| 60° | 6.6 | 6.9 | 7.2 | 6.9 | 6.3 | 6.3 | 6.3 |
| 57.5° | 6.9 | 7.0 | 7.3 | 7.1 | 6.4 | 6.3 | 6.3 |
| 55° | 7.3 | 7.0 | 7.3 | 7.3 | 6.5 | 6.3 | 6.3 |
| 52.5° | 7.7 | 7.1 | 7.4 | 7.4 | 6.6 | 6.3 | 6.3 |
| 50° | 8.1 | 7.4 | 7.4 | 7.6 | 6.7 | 6.3 | 6.3 |
| 47.5° | 8.4 | 7.7 | 7.4 | 7.7 | 6.8 | 6.3 | 6.3 |
| 45° | 8.6 | 8.0 | 7.5 | 7.8 | 6.9 | 6.3 | 6.3 |
| 42.5° | 8.9 | 8.3 | 7.5 | 7.8 | 7.0 | 6.3 | 6.3 |
| 40° | 9.1 | 8.6 | 7.7 | 7.8 | 7.1 | 6.3 | 6.3 |
| 37.5° | 9.4 | 8.9 | 7.9 | 7.9 | 7.2 | 6.3 | 6.3 |
| 35° | 9.7 | 9.1 | 8.1 | 7.9 | 7.3 | 6.3 | 6.3 |
| 32.5° | 10.0 | 9.4 | 8.3 | 8.0 | 7.3 | 6.3 | 6.3 |
| 30° | 10.4 | 9.6 | 8.5 | 8.0 | 7.4 | 6.3 | 6.3 |
| 27.5° | 10.8 | 9.9 | 8.7 | 8.1 | 7.5 | 6.3 | 6.3 |
| 25° | 11.2 | 10.2 | 8.9 | 8.2 | 7.5 | 6.3 | 6.3 |
| 22.5° | 11.6 | 10.4 | 9.0 | 8.3 | 7.6 | 6.3 | 6.3 |
| 20° | 11.9 | 10.5 | 9.1 | 8.4 | 7.6 | 6.3 | 6.3 |
| 17.5° | 12.2 | 10.6 | 9.2 | 8.6 | 7.7 | 6.3 | 6.3 |
| 15° | 12.5 | 10.7 | 9.3 | 8.7 | 7.7 | 6.3 | 6.3 |
| 12.5° | 12.8 | 10.8 | 9.3 | 8.8 | 7.7 | 6.3 | 6.3 |
| 10° | 13.1 | 10.9 | 9.4 | 8.9 | 7.8 | 6.3 | 6.3 |
| 7.5° | 13.4 | 10.9 | 9.4 | 9.1 | 7.8 | 6.3 | 6.3 |
| 5° | 13.6 | 11.0 | 9.4 | 9.2 | 7.8 | 6.3 | 6.3 |
| 2.5° | 13.9 | 11.0 | 9.4 | 9.3 | 7.8 | 6.3 | 6.3 |
| 0° | 14.1 | 11.0 | 9.4 | 9.4 | 7.8 | 6.3 | 6.3 |
| -2.5° | 15.3 | 11.3 | 9.7 | 9.5 | 7.9 | 6.3 | 6.3 |
| -5° | 16.5 | 11.7 | 10.0 | 9.6 | 7.9 | 6.4 | 6.3 |
| -7.5° | 17.6 | 12.0 | 10.2 | 9.7 | 8.0 | 6.4 | 6.3 |
| -10° | 18.5 | 12.2 | 10.5 | 9.7 | 8.0 | 6.4 | 6.3 |
| -12.5° | 19.3 | 12.5 | 10.7 | 9.8 | 8.1 | 6.5 | 6.3 |
| -15° | 19.9 | 12.8 | 11.0 | 9.9 | 8.1 | 6.5 | 6.3 |
| -17.5° | 20.2 | 13.0 | 11.2 | 9.9 | 8.1 | 6.5 | 6.3 |
| -20° | 20.6 | 13.2 | 11.3 | 9.9 | 8.2 | 6.5 | 6.3 |



REPORT NUMBER: P731480 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS-08-0530N-40-80-2S-CV5

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|------|-------|------|-------|-----|-------|-----|
| -22.5° | 21.1 | 13.4 | 11.5 | 10.0 | 8.2 | 6.6 | 6.3 |
| -25° | 21.2 | 13.7 | 11.6 | 10.0 | 8.2 | 6.6 | 6.3 |
| -27.5° | 20.9 | 14.0 | 11.7 | 10.0 | 8.2 | 6.6 | 6.3 |
| -30° | 20.1 | 14.2 | 11.8 | 10.0 | 8.2 | 6.6 | 6.3 |
| -32.5° | 18.8 | 14.3 | 11.8 | 9.9 | 8.2 | 6.6 | 6.3 |
| -35° | 18.4 | 14.2 | 11.8 | 9.9 | 8.2 | 6.7 | 6.3 |
| -37.5° | 18.4 | 14.2 | 11.8 | 9.9 | 8.1 | 6.7 | 6.3 |
| -40° | 18.2 | 14.2 | 11.8 | 9.8 | 8.1 | 6.7 | 6.3 |
| -42.5° | 17.8 | 14.1 | 11.7 | 9.8 | 8.1 | 6.7 | 6.3 |
| -45° | 17.3 | 14.0 | 11.6 | 9.7 | 8.0 | 6.7 | 6.3 |
| -47.5° | 16.6 | 13.8 | 11.5 | 9.6 | 8.0 | 6.7 | 6.3 |
| -50° | 16.3 | 13.6 | 11.4 | 9.5 | 7.9 | 6.7 | 6.3 |
| -52.5° | 15.9 | 13.4 | 11.2 | 9.4 | 7.8 | 6.7 | 6.3 |
| -55° | 15.6 | 13.1 | 11.0 | 9.3 | 7.8 | 6.7 | 6.3 |
| -57.5° | 15.2 | 12.8 | 10.8 | 9.1 | 7.7 | 6.6 | 6.3 |
| -60° | 14.7 | 12.5 | 10.6 | 9.0 | 7.6 | 6.6 | 6.3 |
| -62.5° | 14.2 | 12.1 | 10.3 | 8.8 | 7.5 | 6.6 | 6.3 |
| -65° | 13.7 | 11.7 | 10.0 | 8.6 | 7.4 | 6.6 | 6.3 |
| -67.5° | 13.1 | 11.2 | 9.7 | 8.4 | 7.4 | 6.6 | 6.3 |
| -70° | 12.4 | 10.8 | 9.3 | 8.2 | 7.3 | 6.5 | 6.3 |
| -72.5° | 11.7 | 10.2 | 9.0 | 8.0 | 7.2 | 6.5 | 6.3 |
| -75° | 11.0 | 9.7 | 8.6 | 7.8 | 7.0 | 6.5 | 6.3 |
| -77.5° | 10.2 | 9.2 | 8.3 | 7.6 | 6.9 | 6.5 | 6.3 |
| -80° | 9.5 | 8.8 | 8.1 | 7.4 | 6.8 | 6.4 | 6.3 |
| -82.5° | 9.0 | 8.4 | 7.8 | 7.3 | 6.7 | 6.4 | 6.3 |
| -85° | 8.6 | 8.1 | 7.6 | 7.1 | 6.6 | 6.4 | 6.3 |
| -87.5° | 8.2 | 7.8 | 7.3 | 6.9 | 6.4 | 6.3 | 6.3 |
| -90° | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |

(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

