

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: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-3S-VHE-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-3)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-3S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 3S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

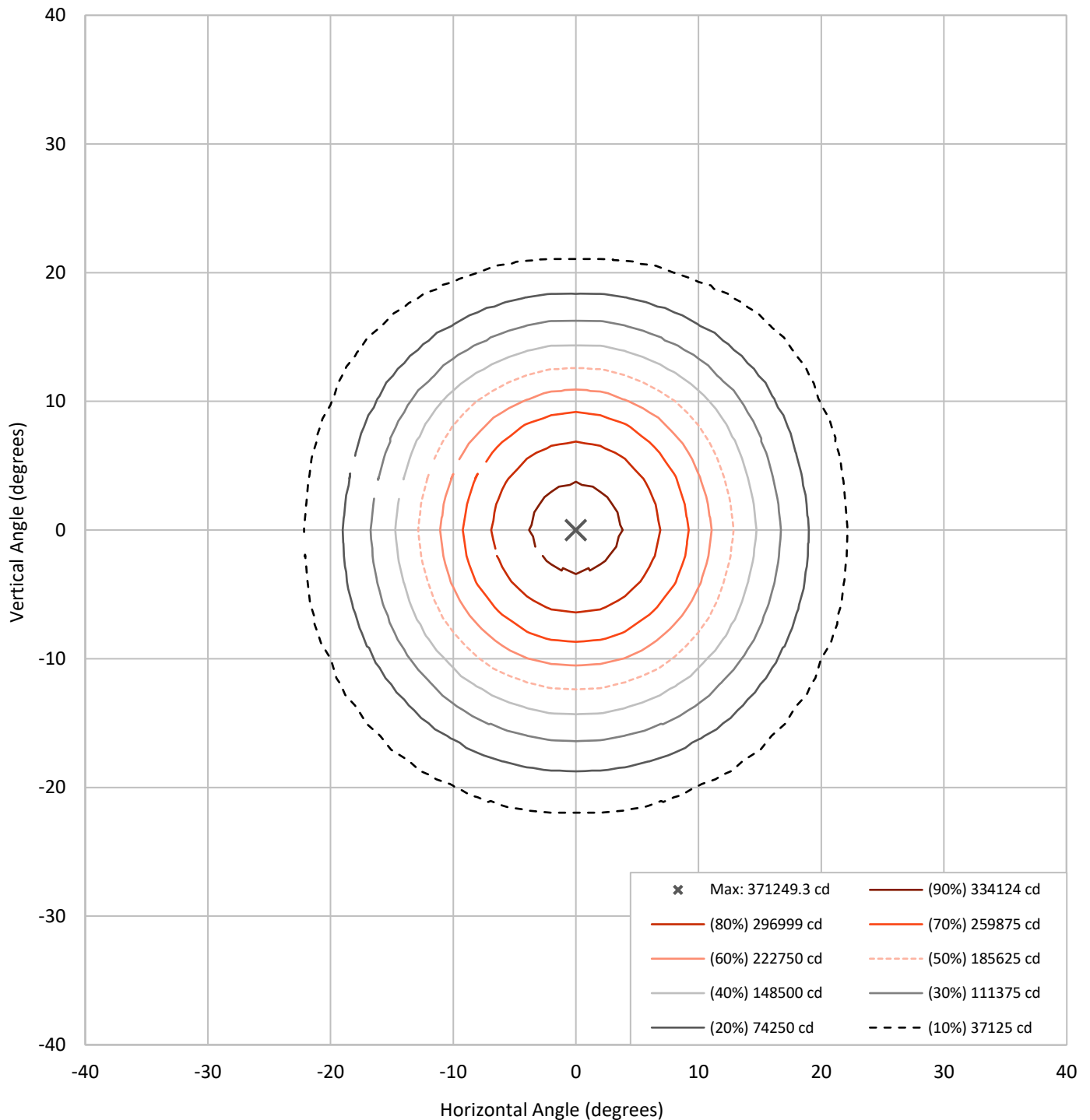
| | | | |
|-------------------|--------------------------------------|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 3H x 3V |
| Luminaire Lumens: | 83408.7 lumens | Max Intensity: | 371249.3 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 150.6 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |

| | | | |
|-------------------|-----------------|--------------------|----------------|
| Beam Angle (50%): | 25.7°H x 24.9°V | Field Angle (10%): | 44.2°H x 43°V |
| Beam Lumens: | 39907.5 lumens | Field Lumens: | 69927.9 lumens |
| Beam Efficiency: | 47.8% | Field Efficiency: | 83.8% |

Input Watts (W): 554
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: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

Iso-Candela Plot





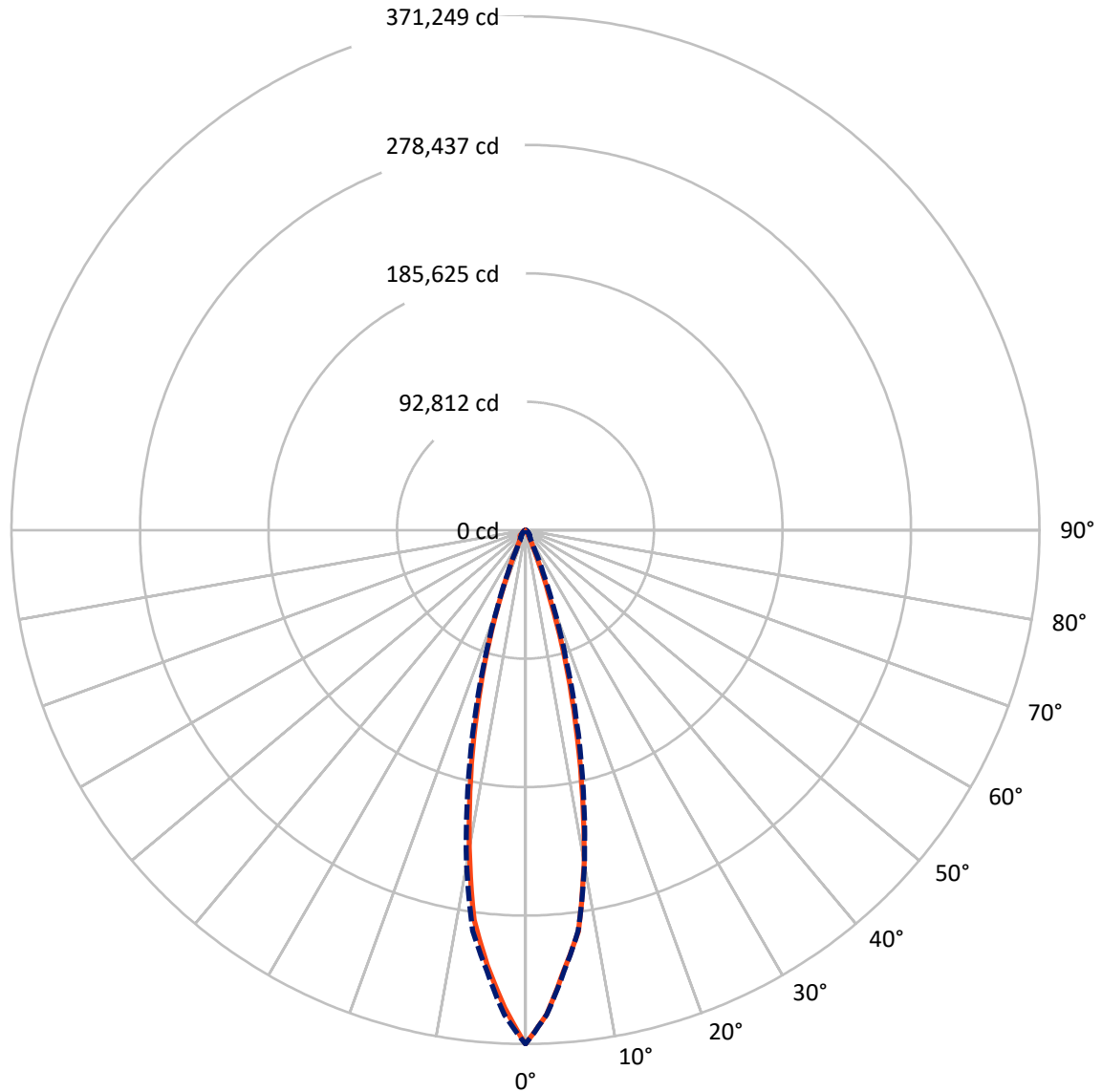
REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|------|------|-------|-------|--------|--------|--------|--------|-------|-------|------|------|-----|-----|----|----|----|
| 90 | | | | | | | | | | | | | | | | | | | |
| 80 | 0.2 | 0.7 | | 1.3 | | 2.0 | | 2.3 | | 2.0 | | 1.3 | | 0.7 | | 0.2 | | | |
| 70 | 0.2 | 0.1 | 0.2 | 0.6 | 0.8 | 0.6 | 0.5 | 0.5 | 0.5 | 0.5 | 0.6 | 0.8 | 0.6 | 0.2 | 0.1 | 0.2 | | | |
| 60 | | 0.4 | 0.8 | 1.1 | 0.9 | 0.9 | 1.2 | 1.4 | 1.4 | 1.2 | 0.9 | 0.9 | 1.1 | 0.8 | 0.4 | | | | |
| 50 | 0.8 | 1.2 | 2.8 | 5.8 | 10.8 | 18.4 | 26.2 | 29.7 | 29.7 | 26.2 | 18.4 | 10.8 | 5.8 | 2.8 | 1.2 | 0.8 | | | |
| 40 | | 2.9 | 8.8 | 18.3 | 34.4 | 57.0 | 68.9 | 80.9 | 80.9 | 68.9 | 57.0 | 34.4 | 18.3 | 8.8 | 2.9 | | | | |
| 30 | 1.9 | 4.8 | 14.9 | 32.7 | 73.1 | 94.1 | 203.2 | 444.4 | 444.4 | 203.2 | 94.1 | 73.1 | 32.7 | 14.9 | 4.8 | 1.9 | | | |
| 20 | | 6.4 | 19.6 | 53.1 | 105.0 | 253.8 | 1528.8 | 3695.9 | 3695.9 | 1528.8 | 253.8 | 105.0 | 53.1 | 19.6 | 6.4 | | | | |
| 10 | 2.8 | 7.7 | 22.7 | 67.6 | 127.2 | 563.4 | 3713.1 | 8457.3 | 8457.3 | 3713.1 | 563.4 | 127.2 | 67.6 | 22.7 | 7.7 | 2.8 | | | |
| 0 | | 8.5 | 24.9 | 71.6 | 140.9 | 580.6 | 3735.6 | 8369.5 | 8369.5 | 3735.6 | 580.6 | 140.9 | 71.6 | 24.9 | 8.5 | | | | |
| -10 | 3.1 | 8.6 | 25.8 | 69.1 | 140.3 | 311.3 | 1594.1 | 3730.4 | 3730.4 | 1594.1 | 311.3 | 140.3 | 69.1 | 25.8 | 8.6 | 3.1 | | | |
| -20 | | 7.9 | 24.6 | 54.7 | 126.3 | 190.7 | 330.4 | 628.4 | 628.4 | 330.4 | 190.7 | 126.3 | 54.7 | 24.6 | 7.9 | | | | |
| -30 | 2.6 | 6.8 | 21.0 | 43.7 | 87.3 | 152.5 | 188.3 | 209.0 | 209.0 | 188.3 | 152.5 | 87.3 | 43.7 | 21.0 | 6.8 | 2.6 | | | |
| -40 | | 5.2 | 16.0 | 33.9 | 55.3 | 81.5 | 119.5 | 148.9 | 148.9 | 119.5 | 81.5 | 55.3 | 33.9 | 16.0 | 5.2 | | | | |
| -50 | 2.1 | 3.5 | 10.4 | 22.2 | 37.2 | 50.6 | 61.5 | 68.2 | 68.2 | 61.5 | 50.6 | 37.2 | 22.2 | 10.4 | 3.5 | 2.1 | | | |
| -60 | | 2.5 | 5.5 | 11.4 | 19.4 | 26.7 | 33.7 | 37.9 | 37.9 | 33.7 | 26.7 | 19.4 | 11.4 | 5.5 | 2.5 | | | | |
| -70 | | | | | | | | | | | | | | | | | | | |
| -80 | 1.5 | 9.1 | | 21.1 | | 34.4 | | 42.3 | | 34.4 | | 21.1 | | 9.1 | | 1.5 | | | |
| -90 | | | | | | | | | | | | | | | | | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

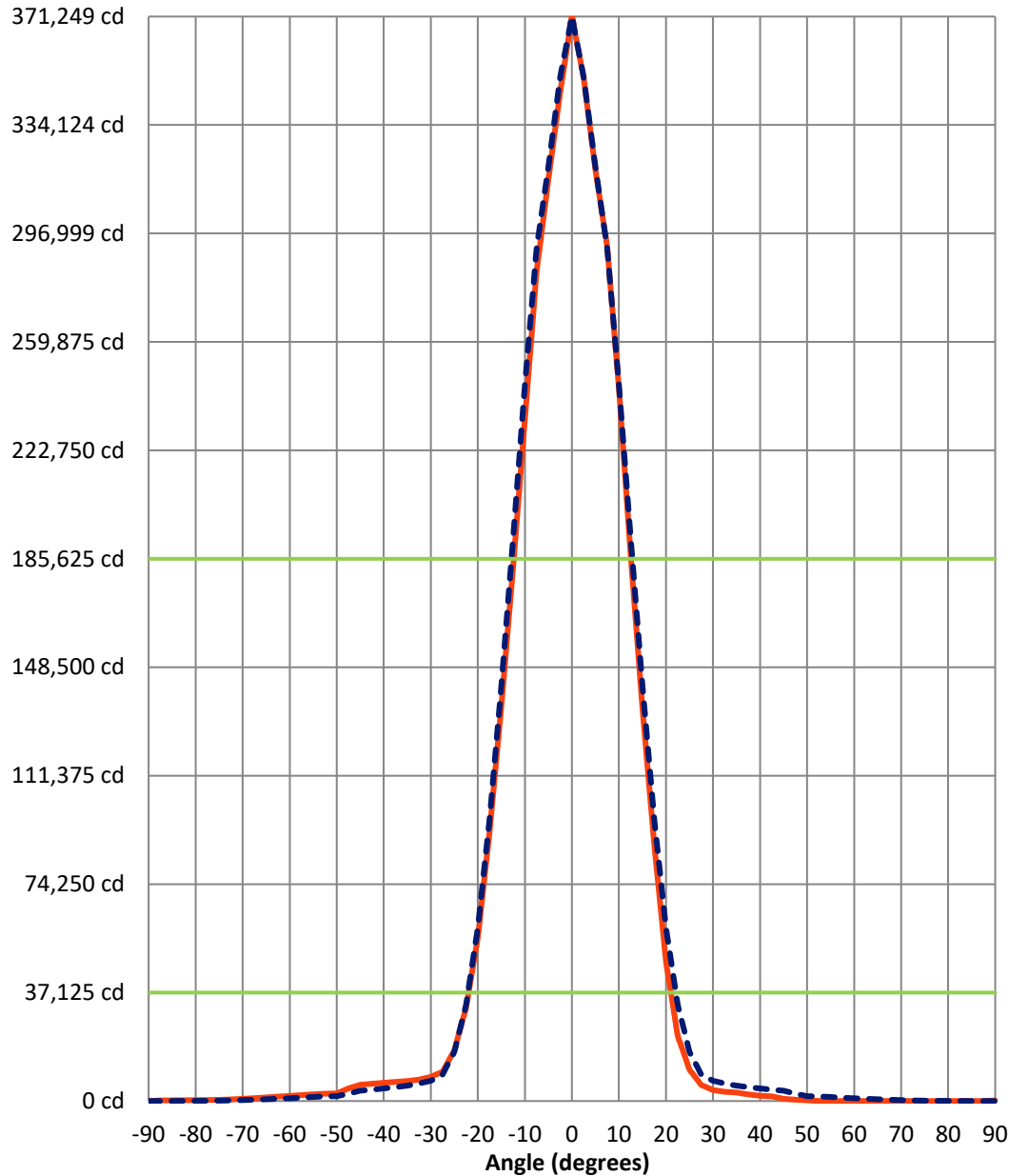
Luminous Intensity Polar Plot



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

REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

Luminous Intensity Plot



Beam:
H Angle: 25.7°
V Angle: 24.9°
Lumens: 39907.5
Efficiency: 47.8%

Field:
H Angle: 44.2°
V Angle: 43°
Lumens: 69927.9
Efficiency: 83.8%

Spill:
Lumens: 13480.8
Efficiency: 16.2%

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



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 3.0 | 12.4 | 21.9 | 35.3 | 48.7 | 60.1 | 71.6 | 80.1 | 88.5 | 95.5 | 102.4 |
| 87.5° | 3.0 | 3.2 | 3.2 | 3.3 | 3.3 | 3.3 | 3.3 | 3.0 | 2.7 | 2.6 | 2.4 |
| 85° | 3.0 | 3.5 | 3.4 | 3.5 | 3.7 | 3.7 | 3.5 | 3.4 | 3.4 | 3.2 | 2.9 |
| 82.5° | 3.0 | 3.7 | 3.5 | 3.8 | 4.0 | 4.0 | 3.8 | 3.9 | 4.0 | 3.7 | 3.3 |
| 80° | 3.0 | 4.0 | 3.7 | 4.0 | 4.4 | 4.3 | 4.1 | 4.3 | 4.4 | 4.1 | 3.8 |
| 77.5° | 3.0 | 4.2 | 3.9 | 4.3 | 4.7 | 4.7 | 4.7 | 4.8 | 4.8 | 4.5 | 4.2 |
| 75° | 3.0 | 4.4 | 4.2 | 4.5 | 5.1 | 5.3 | 5.2 | 5.3 | 5.2 | 5.1 | 4.7 |
| 72.5° | 3.0 | 4.7 | 4.4 | 4.8 | 5.6 | 5.9 | 5.8 | 5.9 | 6.0 | 5.8 | 5.3 |
| 70° | 3.0 | 4.9 | 4.6 | 5.1 | 6.2 | 6.5 | 6.5 | 6.9 | 6.9 | 6.5 | 6.7 |
| 67.5° | 3.0 | 5.2 | 4.9 | 5.7 | 6.8 | 7.1 | 7.7 | 8.0 | 7.9 | 8.3 | 8.3 |
| 65° | 3.0 | 5.4 | 5.2 | 6.3 | 7.4 | 8.1 | 9.0 | 9.1 | 10.0 | 10.2 | 10.1 |
| 62.5° | 3.0 | 5.7 | 5.6 | 6.9 | 8.1 | 9.4 | 10.3 | 11.0 | 12.2 | 12.2 | 12.2 |
| 60° | 3.0 | 6.0 | 5.9 | 7.5 | 8.7 | 10.7 | 11.7 | 13.3 | 14.5 | 14.8 | 14.5 |
| 57.5° | 3.0 | 6.2 | 6.6 | 8.1 | 10.0 | 12.2 | 13.9 | 15.8 | 17.7 | 17.9 | 19.7 |
| 55° | 3.0 | 6.5 | 7.3 | 8.8 | 11.4 | 13.6 | 16.3 | 18.4 | 21.2 | 22.4 | 26.7 |
| 52.5° | 3.0 | 6.8 | 8.0 | 9.4 | 12.8 | 15.2 | 18.6 | 22.0 | 25.1 | 30.8 | 34.3 |
| 50° | 3.0 | 7.0 | 8.7 | 10.1 | 14.3 | 17.4 | 21.0 | 26.0 | 30.7 | 40.0 | 48.2 |
| 47.5° | 3.0 | 7.3 | 9.4 | 10.8 | 15.8 | 19.8 | 23.6 | 30.1 | 40.0 | 50.0 | 64.9 |
| 45° | 3.0 | 7.6 | 10.2 | 12.0 | 17.3 | 22.2 | 27.3 | 34.3 | 49.7 | 67.1 | 83.4 |
| 42.5° | 3.0 | 7.8 | 11.0 | 13.1 | 18.8 | 24.6 | 31.1 | 41.4 | 59.9 | 85.5 | 111.7 |
| 40° | 3.0 | 8.1 | 11.7 | 14.6 | 20.6 | 27.2 | 35.2 | 50.5 | 72.8 | 105.1 | 143.7 |
| 37.5° | 3.0 | 8.4 | 12.5 | 16.3 | 22.6 | 29.8 | 39.7 | 59.9 | 90.8 | 128.5 | 177.9 |
| 35° | 3.0 | 8.7 | 13.4 | 17.9 | 24.6 | 33.1 | 44.3 | 69.4 | 109.5 | 158.7 | 216.2 |
| 32.5° | 3.0 | 8.9 | 14.2 | 19.6 | 26.7 | 36.8 | 50.1 | 79.4 | 128.9 | 189.0 | 254.3 |
| 30° | 3.0 | 9.2 | 15.0 | 21.2 | 28.7 | 40.4 | 58.3 | 91.0 | 148.9 | 219.3 | 289.9 |
| 27.5° | 3.0 | 9.5 | 15.8 | 22.9 | 31.3 | 44.1 | 66.5 | 106.2 | 169.2 | 249.7 | 322.9 |
| 25° | 3.0 | 9.7 | 16.6 | 24.5 | 33.8 | 47.7 | 74.5 | 120.5 | 189.7 | 278.1 | 353.7 |
| 22.5° | 3.0 | 10.0 | 17.4 | 26.1 | 36.4 | 51.4 | 82.3 | 134.0 | 208.5 | 297.3 | 387.2 |
| 20° | 3.0 | 10.3 | 18.2 | 27.7 | 38.9 | 55.1 | 89.8 | 146.5 | 225.5 | 315.2 | 414.3 |
| 17.5° | 3.0 | 10.5 | 19.0 | 29.3 | 41.3 | 58.7 | 96.9 | 158.2 | 240.7 | 331.6 | 439.6 |
| 15° | 3.0 | 10.7 | 19.8 | 30.8 | 43.6 | 62.1 | 103.3 | 168.6 | 254.1 | 346.5 | 463.7 |
| 12.5° | 3.0 | 11.0 | 20.6 | 32.3 | 45.9 | 65.4 | 109.3 | 177.9 | 267.8 | 359.8 | 486.1 |
| 10° | 3.0 | 11.2 | 21.3 | 33.7 | 48.1 | 68.4 | 114.8 | 186.3 | 281.8 | 379.8 | 510.6 |
| 7.5° | 3.0 | 11.4 | 22.0 | 35.1 | 50.2 | 71.2 | 119.7 | 193.7 | 294.7 | 399.8 | 541.3 |
| 5° | 3.0 | 11.6 | 22.7 | 36.4 | 52.1 | 73.9 | 124.1 | 200.1 | 306.4 | 418.7 | 569.7 |
| 2.5° | 3.0 | 11.7 | 23.3 | 37.6 | 54.0 | 76.3 | 128.0 | 205.4 | 316.5 | 435.9 | 595.5 |
| 0° | 3.0 | 11.9 | 23.9 | 38.8 | 55.7 | 78.5 | 131.2 | 209.7 | 325.0 | 451.2 | 618.2 |
| -2.5° | 3.0 | 12.4 | 25.0 | 40.5 | 58.2 | 81.8 | 135.4 | 216.8 | 334.5 | 461.6 | 628.8 |
| -5° | 3.0 | 12.9 | 26.0 | 42.1 | 60.5 | 84.9 | 139.0 | 222.7 | 342.2 | 469.7 | 636.0 |
| -7.5° | 3.0 | 13.3 | 26.9 | 43.7 | 62.7 | 87.7 | 141.9 | 227.4 | 347.8 | 475.5 | 639.8 |
| -10° | 3.0 | 13.7 | 27.8 | 45.1 | 64.7 | 90.3 | 144.1 | 230.6 | 351.2 | 479.1 | 640.4 |
| -12.5° | 3.0 | 14.2 | 28.7 | 46.4 | 66.6 | 92.5 | 145.7 | 232.3 | 352.5 | 480.1 | 638.9 |
| -15° | 3.0 | 14.5 | 29.5 | 47.6 | 68.3 | 94.6 | 146.5 | 232.4 | 350.4 | 477.1 | 634.0 |
| -17.5° | 3.0 | 14.9 | 30.2 | 48.7 | 69.8 | 96.3 | 146.6 | 230.4 | 344.8 | 471.5 | 624.6 |
| -20° | 3.0 | 15.2 | 30.9 | 49.7 | 71.1 | 97.7 | 146.1 | 226.5 | 337.0 | 463.2 | 610.6 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 3.0 | 15.5 | 31.5 | 50.6 | 72.3 | 98.8 | 144.9 | 221.2 | 327.3 | 452.1 | 592.3 |
| -25° | 3.0 | 15.8 | 32.0 | 51.3 | 73.2 | 99.8 | 143.0 | 214.5 | 315.5 | 438.3 | 573.1 |
| -27.5° | 3.0 | 16.1 | 32.5 | 51.9 | 74.0 | 100.6 | 140.4 | 206.4 | 301.7 | 425.8 | 559.3 |
| -30° | 3.0 | 16.3 | 32.8 | 52.4 | 74.5 | 101.2 | 136.9 | 197.0 | 290.5 | 412.0 | 542.7 |
| -32.5° | 3.0 | 16.5 | 33.2 | 52.7 | 75.3 | 101.4 | 132.7 | 190.8 | 280.9 | 396.0 | 522.9 |
| -35° | 3.0 | 16.7 | 33.4 | 52.9 | 75.8 | 101.3 | 131.2 | 185.5 | 268.9 | 377.7 | 499.8 |
| -37.5° | 3.0 | 16.8 | 33.6 | 52.9 | 76.2 | 101.3 | 130.8 | 179.6 | 254.3 | 357.2 | 475.5 |
| -40° | 3.0 | 16.9 | 33.7 | 52.9 | 76.3 | 101.5 | 130.0 | 172.4 | 237.2 | 337.2 | 448.0 |
| -42.5° | 3.0 | 16.9 | 33.7 | 52.7 | 76.3 | 101.4 | 128.9 | 163.9 | 224.5 | 313.3 | 416.2 |
| -45° | 3.0 | 17.0 | 33.6 | 52.7 | 76.3 | 101.1 | 127.3 | 157.6 | 213.3 | 286.6 | 381.2 |
| -47.5° | 3.0 | 17.0 | 33.5 | 52.5 | 75.9 | 100.6 | 125.3 | 155.1 | 200.6 | 258.0 | 348.6 |
| -50° | 3.0 | 16.9 | 33.3 | 52.3 | 75.4 | 99.8 | 123.8 | 152.0 | 185.7 | 240.9 | 313.4 |
| -52.5° | 3.0 | 16.9 | 33.0 | 52.1 | 74.7 | 98.8 | 122.3 | 148.4 | 177.4 | 222.5 | 277.1 |
| -55° | 3.0 | 16.8 | 32.7 | 51.8 | 73.7 | 97.3 | 120.3 | 144.3 | 172.0 | 202.9 | 254.0 |
| -57.5° | 3.0 | 16.7 | 32.2 | 51.3 | 72.6 | 95.6 | 118.1 | 141.6 | 166.1 | 193.0 | 229.7 |
| -60° | 3.0 | 16.5 | 31.7 | 50.7 | 71.3 | 93.6 | 115.5 | 138.2 | 160.1 | 185.7 | 209.6 |
| -62.5° | 3.0 | 16.3 | 31.3 | 49.9 | 70.2 | 91.4 | 112.8 | 134.3 | 155.4 | 177.7 | 199.7 |
| -65° | 3.0 | 16.1 | 30.7 | 49.1 | 68.9 | 89.0 | 109.8 | 130.1 | 150.2 | 170.4 | 189.0 |
| -67.5° | 3.0 | 15.8 | 30.1 | 48.1 | 67.5 | 86.6 | 106.6 | 125.9 | 144.5 | 163.2 | 180.1 |
| -70° | 3.0 | 15.6 | 29.4 | 47.0 | 65.9 | 84.1 | 103.1 | 121.3 | 139.0 | 155.8 | 171.9 |
| -72.5° | 3.0 | 15.3 | 28.7 | 45.8 | 64.1 | 81.4 | 99.5 | 116.5 | 133.2 | 148.5 | 163.4 |
| -75° | 3.0 | 14.9 | 27.9 | 44.6 | 62.2 | 78.6 | 95.6 | 111.3 | 127.1 | 140.9 | 154.4 |
| -77.5° | 3.0 | 14.6 | 27.0 | 43.3 | 60.2 | 75.5 | 91.4 | 105.8 | 120.5 | 132.9 | 145.0 |
| -80° | 3.0 | 14.2 | 26.1 | 41.9 | 58.2 | 72.5 | 87.1 | 100.1 | 113.5 | 124.6 | 135.6 |
| -82.5° | 3.0 | 13.8 | 25.1 | 40.4 | 56.0 | 69.6 | 83.3 | 94.7 | 106.2 | 116.2 | 126.1 |
| -85° | 3.0 | 13.4 | 24.1 | 38.8 | 53.7 | 66.6 | 79.6 | 89.9 | 100.4 | 108.9 | 117.3 |
| -87.5° | 3.0 | 12.9 | 23.0 | 37.1 | 51.2 | 63.4 | 75.7 | 85.1 | 94.5 | 102.2 | 109.9 |
| -90° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.5 | 2.0 | 2.0 | 2.0 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 107.9 | 113.3 | 118.3 | 123.2 | 127.7 | 132.2 | 138.2 | 144.1 | 148.6 | 153.1 | 157.6 |
| 87.5° | 2.5 | 2.5 | 2.5 | 2.6 | 2.3 | 2.0 | 2.0 | 2.0 | 1.9 | 1.8 | 1.8 |
| 85° | 2.9 | 3.0 | 3.0 | 3.0 | 2.6 | 2.3 | 2.4 | 2.4 | 2.5 | 2.5 | 2.3 |
| 82.5° | 3.4 | 3.5 | 3.3 | 3.0 | 2.9 | 2.9 | 3.0 | 3.0 | 3.0 | 3.0 | 2.7 |
| 80° | 3.8 | 4.0 | 3.6 | 3.3 | 3.4 | 3.6 | 3.4 | 3.1 | 3.0 | 3.1 | 3.2 |
| 77.5° | 4.2 | 4.1 | 3.9 | 3.9 | 4.0 | 4.2 | 4.1 | 4.1 | 4.1 | 3.9 | 4.0 |
| 75° | 4.5 | 4.2 | 4.3 | 4.2 | 4.2 | 4.7 | 5.0 | 5.0 | 4.8 | 4.7 | 4.7 |
| 72.5° | 5.2 | 5.3 | 5.1 | 4.5 | 4.6 | 5.0 | 5.0 | 5.0 | 6.2 | 8.2 | 9.9 |
| 70° | 6.6 | 6.5 | 6.1 | 5.7 | 5.5 | 5.9 | 7.5 | 10.3 | 13.3 | 16.1 | 18.8 |
| 67.5° | 7.9 | 7.7 | 7.3 | 7.2 | 8.3 | 9.9 | 12.0 | 19.0 | 26.3 | 28.9 | 29.3 |
| 65° | 9.3 | 9.1 | 9.2 | 10.3 | 11.7 | 16.7 | 23.1 | 31.6 | 38.6 | 38.1 | 35.2 |
| 62.5° | 11.0 | 12.3 | 12.4 | 14.8 | 19.7 | 25.7 | 33.2 | 40.4 | 46.7 | 43.6 | 36.4 |
| 60° | 15.7 | 16.6 | 18.9 | 23.4 | 28.5 | 34.4 | 42.2 | 44.5 | 46.1 | 45.0 | 35.3 |
| 57.5° | 21.7 | 24.2 | 29.0 | 33.2 | 39.2 | 41.9 | 42.5 | 42.1 | 44.8 | 42.9 | 33.2 |
| 55° | 30.4 | 34.7 | 41.1 | 45.4 | 49.0 | 43.7 | 43.2 | 45.9 | 45.6 | 41.7 | 32.3 |
| 52.5° | 43.3 | 48.0 | 56.8 | 60.0 | 57.2 | 53.1 | 51.6 | 54.2 | 52.2 | 47.0 | 40.7 |
| 50° | 57.5 | 68.6 | 74.5 | 77.0 | 72.0 | 71.4 | 66.2 | 69.5 | 72.3 | 69.8 | 78.5 |
| 47.5° | 79.0 | 92.5 | 96.8 | 101.4 | 98.9 | 108.1 | 103.4 | 120.5 | 121.7 | 171.7 | 186.6 |
| 45° | 104.9 | 123.0 | 128.1 | 140.0 | 153.2 | 169.1 | 196.6 | 203.8 | 286.1 | 336.1 | 395.3 |
| 42.5° | 136.2 | 158.9 | 179.5 | 186.3 | 245.4 | 277.5 | 318.6 | 395.1 | 471.6 | 534.4 | 578.5 |
| 40° | 176.4 | 199.6 | 243.0 | 294.8 | 357.6 | 412.0 | 490.7 | 579.2 | 652.1 | 700.4 | 723.1 |
| 37.5° | 220.7 | 266.1 | 322.9 | 406.7 | 483.0 | 552.3 | 652.7 | 741.4 | 806.0 | 850.6 | 856.4 |
| 35° | 268.3 | 332.7 | 425.8 | 510.7 | 589.5 | 683.2 | 783.0 | 884.9 | 937.9 | 957.2 | 1039.3 |
| 32.5° | 323.8 | 397.7 | 507.9 | 600.0 | 688.8 | 795.1 | 901.3 | 989.2 | 1036.0 | 1090.4 | 1368.4 |
| 30° | 376.3 | 465.7 | 575.5 | 673.4 | 783.3 | 904.5 | 1006.0 | 1089.0 | 1121.3 | 1406.8 | 1856.5 |
| 27.5° | 418.2 | 524.9 | 635.0 | 753.1 | 879.4 | 1017.9 | 1120.2 | 1174.1 | 1359.3 | 1781.9 | 2432.0 |
| 25° | 457.3 | 572.1 | 695.1 | 842.7 | 986.3 | 1123.6 | 1227.7 | 1262.1 | 1647.3 | 2363.9 | 2848.5 |
| 22.5° | 495.5 | 618.1 | 761.4 | 937.4 | 1084.5 | 1212.6 | 1299.6 | 1508.2 | 2060.2 | 2967.8 | 3219.4 |
| 20° | 533.6 | 672.4 | 833.5 | 1009.0 | 1171.2 | 1290.8 | 1357.7 | 1767.8 | 2561.7 | 3199.9 | 3482.9 |
| 17.5° | 570.5 | 727.3 | 899.6 | 1069.2 | 1232.8 | 1354.0 | 1440.5 | 1986.8 | 2958.9 | 3408.1 | 3686.7 |
| 15° | 606.3 | 774.0 | 950.7 | 1125.8 | 1292.6 | 1409.4 | 1644.0 | 2308.0 | 3205.6 | 3659.9 | 3954.2 |
| 12.5° | 640.7 | 814.0 | 988.3 | 1174.8 | 1350.5 | 1463.2 | 1855.1 | 2697.3 | 3463.0 | 3908.1 | 4226.2 |
| 10° | 673.1 | 847.7 | 1021.0 | 1219.6 | 1404.4 | 1510.0 | 2053.2 | 3061.0 | 3698.5 | 4084.8 | 4373.0 |
| 7.5° | 705.8 | 878.0 | 1050.6 | 1260.1 | 1455.2 | 1552.7 | 2220.7 | 3260.0 | 3791.0 | 4201.4 | 4476.6 |
| 5° | 734.7 | 906.0 | 1085.6 | 1310.0 | 1504.4 | 1591.9 | 2362.2 | 3393.9 | 3820.3 | 4259.7 | 4551.2 |
| 2.5° | 759.4 | 929.3 | 1116.2 | 1356.5 | 1548.7 | 1627.4 | 2458.6 | 3496.0 | 3855.7 | 4301.1 | 4643.9 |
| 0° | 780.2 | 948.1 | 1141.9 | 1396.4 | 1586.2 | 1659.7 | 2522.4 | 3551.1 | 3878.0 | 4319.3 | 4746.7 |
| -2.5° | 795.4 | 973.1 | 1183.0 | 1430.2 | 1617.1 | 1693.4 | 2542.5 | 3574.7 | 3910.6 | 4419.6 | 4977.4 |
| -5° | 806.6 | 993.3 | 1217.4 | 1457.1 | 1642.2 | 1724.5 | 2528.1 | 3552.7 | 3949.5 | 4512.2 | 5124.1 |
| -7.5° | 813.7 | 1007.8 | 1243.9 | 1477.2 | 1663.1 | 1759.5 | 2485.1 | 3527.4 | 4071.3 | 4628.3 | 5197.9 |
| -10° | 816.9 | 1015.2 | 1248.0 | 1484.8 | 1679.9 | 1794.5 | 2411.3 | 3441.8 | 4159.3 | 4672.7 | 5204.0 |
| -12.5° | 819.8 | 1016.8 | 1243.1 | 1483.4 | 1690.3 | 1826.6 | 2318.7 | 3338.9 | 4240.3 | 4689.4 | 5166.3 |
| -15° | 817.2 | 1013.6 | 1232.0 | 1474.2 | 1703.6 | 1867.1 | 2200.2 | 3148.2 | 4276.5 | 4671.8 | 5095.5 |
| -17.5° | 809.0 | 1005.8 | 1216.9 | 1462.3 | 1712.1 | 1904.8 | 2044.8 | 2854.3 | 4082.0 | 4618.0 | 5041.6 |
| -20° | 794.9 | 991.8 | 1195.3 | 1439.5 | 1707.5 | 1921.2 | 2040.9 | 2639.2 | 3674.7 | 4512.0 | 4961.5 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 776.3 | 971.8 | 1169.4 | 1409.3 | 1680.6 | 1914.5 | 2069.3 | 2402.1 | 3213.2 | 4356.7 | 4840.8 |
| -25° | 754.5 | 946.5 | 1142.9 | 1376.7 | 1643.1 | 1901.6 | 2085.0 | 2183.7 | 2831.7 | 3830.7 | 4649.0 |
| -27.5° | 729.4 | 916.4 | 1112.6 | 1333.2 | 1594.1 | 1863.4 | 2059.5 | 2189.8 | 2521.5 | 3229.1 | 4357.7 |
| -30° | 699.7 | 881.6 | 1073.5 | 1282.8 | 1534.2 | 1791.1 | 2016.0 | 2181.8 | 2278.7 | 2818.6 | 3725.9 |
| -32.5° | 666.0 | 841.5 | 1028.9 | 1234.4 | 1466.5 | 1713.4 | 1951.1 | 2130.5 | 2263.4 | 2440.1 | 3131.2 |
| -35° | 634.0 | 800.5 | 979.5 | 1180.0 | 1393.9 | 1625.8 | 1848.9 | 2060.5 | 2227.2 | 2341.0 | 2622.0 |
| -37.5° | 605.6 | 755.9 | 927.8 | 1120.8 | 1326.8 | 1525.3 | 1738.4 | 1956.6 | 2147.6 | 2305.0 | 2404.4 |
| -40° | 573.2 | 707.8 | 874.5 | 1056.9 | 1240.4 | 1423.7 | 1622.8 | 1831.1 | 2041.5 | 2214.3 | 2365.9 |
| -42.5° | 536.9 | 667.2 | 816.5 | 982.6 | 1151.1 | 1324.3 | 1501.5 | 1698.8 | 1897.1 | 2094.2 | 2254.1 |
| -45° | 496.6 | 622.0 | 754.6 | 903.9 | 1056.9 | 1220.1 | 1388.1 | 1558.7 | 1746.2 | 1932.2 | 2107.1 |
| -47.5° | 451.3 | 571.7 | 698.1 | 820.1 | 962.1 | 1112.0 | 1268.8 | 1429.6 | 1590.1 | 1761.0 | 1929.9 |
| -50° | 404.0 | 515.8 | 632.5 | 744.1 | 865.5 | 1001.9 | 1145.9 | 1295.6 | 1447.0 | 1590.3 | 1739.0 |
| -52.5° | 360.1 | 454.8 | 561.6 | 668.6 | 775.2 | 891.2 | 1021.3 | 1156.6 | 1296.7 | 1436.2 | 1561.9 |
| -55° | 312.8 | 397.9 | 486.7 | 587.6 | 689.5 | 789.9 | 895.5 | 1017.9 | 1137.0 | 1265.3 | 1388.8 |
| -57.5° | 277.4 | 340.0 | 417.8 | 501.8 | 597.2 | 694.2 | 787.7 | 879.9 | 983.7 | 1091.0 | 1200.0 |
| -60° | 249.2 | 293.1 | 352.6 | 424.2 | 499.3 | 588.9 | 680.8 | 765.9 | 844.2 | 924.1 | 1022.8 |
| -62.5° | 223.1 | 259.2 | 300.5 | 350.4 | 415.7 | 482.2 | 561.3 | 642.4 | 718.6 | 791.7 | 865.1 |
| -65° | 210.4 | 229.4 | 260.6 | 297.8 | 335.1 | 391.9 | 452.4 | 514.5 | 584.4 | 651.4 | 719.7 |
| -67.5° | 197.1 | 215.0 | 232.3 | 252.6 | 286.2 | 319.3 | 352.1 | 406.8 | 461.4 | 510.7 | 560.4 |
| -70° | 186.8 | 200.9 | 216.5 | 231.6 | 246.8 | 266.3 | 296.1 | 326.6 | 356.2 | 388.9 | 430.6 |
| -72.5° | 176.8 | 189.3 | 201.9 | 214.2 | 227.9 | 241.9 | 256.2 | 271.1 | 292.8 | 318.1 | 340.8 |
| -75° | 166.4 | 177.4 | 188.4 | 199.5 | 210.8 | 222.4 | 234.5 | 247.7 | 261.1 | 274.7 | 286.8 |
| -77.5° | 155.9 | 166.2 | 175.7 | 184.9 | 194.6 | 205.0 | 215.7 | 226.5 | 237.6 | 248.8 | 258.3 |
| -80° | 145.2 | 154.9 | 163.2 | 171.3 | 179.7 | 188.2 | 197.4 | 206.7 | 216.0 | 225.4 | 233.7 |
| -82.5° | 134.3 | 142.6 | 150.0 | 157.3 | 164.5 | 171.5 | 179.5 | 187.6 | 195.7 | 203.8 | 210.7 |
| -85° | 123.7 | 130.0 | 136.4 | 142.7 | 149.0 | 155.3 | 162.4 | 169.5 | 176.3 | 183.0 | 189.0 |
| -87.5° | 115.8 | 121.7 | 127.0 | 132.3 | 137.3 | 142.4 | 148.5 | 154.6 | 159.9 | 165.2 | 170.1 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 1.0 | 1.0 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|---------|---------|---------|---------|----------|----------|----------|
| 90° | 162.0 | 165.0 | 168.0 | 170.5 | 172.9 | 176.4 | 179.9 | 184.9 | 189.8 | 195.8 | 201.8 |
| 87.5° | 1.8 | 1.8 | 1.9 | 1.4 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 2.0 |
| 85° | 2.0 | 2.0 | 2.0 | 2.3 | 2.6 | 2.7 | 2.8 | 2.8 | 2.9 | 2.9 | 3.0 |
| 82.5° | 2.5 | 2.5 | 2.6 | 2.8 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.4 | 3.9 |
| 80° | 3.3 | 3.4 | 3.5 | 3.5 | 3.6 | 3.4 | 3.0 | 3.0 | 3.0 | 3.5 | 4.0 |
| 77.5° | 4.1 | 4.1 | 4.0 | 3.8 | 3.5 | 3.2 | 3.0 | 3.0 | 3.0 | 3.1 | 3.1 |
| 75° | 4.9 | 5.0 | 5.3 | 5.6 | 6.0 | 6.1 | 5.8 | 5.9 | 6.2 | 6.1 | 5.8 |
| 72.5° | 10.9 | 11.2 | 11.2 | 12.5 | 13.8 | 14.2 | 14.6 | 15.6 | 16.7 | 18.3 | 20.0 |
| 70° | 21.3 | 23.5 | 24.4 | 24.5 | 23.5 | 22.9 | 22.5 | 22.4 | 22.8 | 23.8 | 25.1 |
| 67.5° | 30.8 | 31.7 | 31.3 | 30.9 | 29.0 | 26.8 | 24.3 | 23.0 | 23.6 | 24.7 | 26.2 |
| 65° | 34.8 | 32.0 | 30.1 | 29.3 | 27.6 | 24.9 | 21.1 | 18.5 | 18.0 | 17.5 | 17.4 |
| 62.5° | 31.3 | 26.3 | 24.0 | 22.7 | 20.3 | 18.0 | 14.5 | 11.8 | 10.8 | 10.1 | 9.9 |
| 60° | 27.3 | 21.2 | 17.4 | 15.7 | 13.1 | 10.1 | 8.4 | 6.4 | 5.8 | 5.4 | 5.5 |
| 57.5° | 23.7 | 17.5 | 13.2 | 12.4 | 10.0 | 7.9 | 6.4 | 4.7 | 4.3 | 4.0 | 4.1 |
| 55° | 24.4 | 21.3 | 17.8 | 16.0 | 13.3 | 12.1 | 10.6 | 9.7 | 8.8 | 9.0 | 9.5 |
| 52.5° | 34.5 | 37.0 | 32.6 | 31.4 | 39.1 | 39.2 | 32.4 | 42.9 | 49.4 | 54.2 | 55.6 |
| 50° | 89.0 | 88.4 | 117.5 | 112.6 | 139.4 | 161.3 | 162.2 | 175.5 | 201.0 | 218.4 | 227.8 |
| 47.5° | 236.3 | 262.9 | 296.8 | 332.3 | 360.1 | 394.8 | 430.0 | 456.3 | 462.7 | 463.3 | 467.9 |
| 45° | 444.9 | 482.8 | 533.7 | 571.2 | 623.8 | 656.2 | 683.1 | 707.5 | 763.8 | 815.7 | 876.1 |
| 42.5° | 621.3 | 662.7 | 715.5 | 791.5 | 846.9 | 994.8 | 1221.2 | 1276.8 | 1284.8 | 1330.9 | 1397.9 |
| 40° | 760.5 | 814.8 | 932.1 | 1098.5 | 1453.1 | 1771.1 | 1828.5 | 1876.3 | 1897.3 | 1871.7 | 1917.3 |
| 37.5° | 929.1 | 1056.3 | 1320.5 | 1775.6 | 1943.7 | 2030.3 | 2091.1 | 2127.7 | 2172.2 | 2213.2 | 2235.6 |
| 35° | 1209.0 | 1563.4 | 1794.9 | 2038.0 | 2148.0 | 2191.8 | 2236.5 | 2281.6 | 2316.5 | 2362.0 | 2398.3 |
| 32.5° | 1783.4 | 2178.0 | 2201.3 | 2261.3 | 2318.6 | 2375.7 | 2417.4 | 2460.4 | 2497.6 | 2556.5 | 2680.1 |
| 30° | 2362.1 | 2448.2 | 2469.2 | 2474.7 | 2526.9 | 2595.3 | 2631.5 | 2718.2 | 2835.2 | 2969.4 | 3255.0 |
| 27.5° | 2670.2 | 2729.4 | 2741.7 | 2747.6 | 2772.0 | 2852.8 | 3002.8 | 3121.1 | 3401.9 | 3742.7 | 4476.6 |
| 25° | 3045.3 | 3087.5 | 3132.1 | 3130.2 | 3167.2 | 3310.4 | 3603.7 | 3853.4 | 4802.1 | 5689.8 | 7602.4 |
| 22.5° | 3403.2 | 3530.5 | 3594.0 | 3679.0 | 3804.6 | 4065.3 | 4579.8 | 6024.8 | 8441.0 | 11524.3 | 15362.7 |
| 20° | 3652.0 | 3823.2 | 3994.0 | 4231.1 | 4534.7 | 5075.8 | 6683.0 | 11007.2 | 16171.2 | 23664.5 | 29949.4 |
| 17.5° | 3902.8 | 4096.4 | 4398.3 | 4764.2 | 5274.0 | 7091.0 | 11802.7 | 19145.0 | 29749.9 | 43052.9 | 54724.9 |
| 15° | 4230.0 | 4459.6 | 4863.8 | 5386.3 | 6810.8 | 10689.5 | 18549.4 | 31909.5 | 48030.9 | 66731.2 | 86347.5 |
| 12.5° | 4452.8 | 4769.1 | 5249.7 | 5924.5 | 8262.7 | 15527.1 | 28182.3 | 46497.4 | 68686.0 | 92248.8 | 123517.6 |
| 10° | 4617.4 | 4995.8 | 5648.5 | 7047.4 | 11287.2 | 20866.8 | 36074.4 | 58931.4 | 89351.2 | 125262.6 | 161012.3 |
| 7.5° | 4755.7 | 5265.2 | 6084.7 | 7847.4 | 13896.7 | 25974.3 | 45359.2 | 73140.9 | 109132.6 | 152404.1 | 193977.9 |
| 5° | 4879.9 | 5555.5 | 6504.4 | 8709.7 | 16234.9 | 29672.3 | 51533.8 | 83752.7 | 125431.6 | 172691.2 | 218591.5 |
| 2.5° | 5044.2 | 5827.2 | 6776.7 | 8947.0 | 17170.8 | 31721.2 | 56426.4 | 92321.6 | 137068.9 | 186782.8 | 236722.5 |
| 0° | 5272.4 | 6003.9 | 6943.1 | 9098.8 | 16879.7 | 33005.1 | 59424.9 | 96622.0 | 142168.6 | 192701.4 | 245079.8 |
| -2.5° | 5451.8 | 6105.7 | 7040.1 | 8976.4 | 16737.3 | 32401.3 | 58071.6 | 94115.3 | 137175.8 | 186005.1 | 238253.2 |
| -5° | 5567.8 | 6178.7 | 7082.6 | 9022.2 | 16378.3 | 30093.6 | 54074.6 | 87547.2 | 127008.4 | 171086.2 | 219400.0 |
| -7.5° | 5635.7 | 6205.5 | 7038.5 | 8734.5 | 14746.9 | 26949.7 | 46960.2 | 75440.8 | 110840.7 | 151627.9 | 191556.0 |
| -10° | 5676.3 | 6188.2 | 6946.3 | 8327.5 | 12404.3 | 21901.5 | 37074.0 | 61212.1 | 91884.0 | 124749.9 | 157409.6 |
| -12.5° | 5691.6 | 6151.6 | 6816.3 | 7744.6 | 9945.4 | 17146.2 | 29512.3 | 46643.1 | 69411.2 | 96371.1 | 125149.8 |
| -15° | 5661.7 | 6098.5 | 6690.7 | 7494.5 | 8958.6 | 12853.7 | 20593.2 | 32244.1 | 49214.6 | 69798.6 | 90653.0 |
| -17.5° | 5550.5 | 6043.7 | 6504.7 | 7121.8 | 7983.6 | 9820.5 | 14530.9 | 22009.3 | 32358.3 | 45964.1 | 57995.9 |
| -20° | 5403.2 | 5940.2 | 6334.9 | 6880.3 | 7557.0 | 8397.7 | 9908.4 | 14472.4 | 20275.4 | 28152.2 | 36005.1 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| -22.5° | 5272.0 | 5763.3 | 6259.7 | 6634.0 | 7164.0 | 7716.6 | 8398.8 | 9704.4 | 12620.3 | 16552.9 | 21531.0 |
| -25° | 5151.0 | 5600.7 | 6110.1 | 6514.9 | 6813.9 | 7204.6 | 7631.9 | 8089.3 | 9079.8 | 10008.4 | 12410.1 |
| -27.5° | 4980.6 | 5446.5 | 5888.2 | 6320.4 | 6608.5 | 6785.7 | 7077.0 | 7361.2 | 7776.0 | 8144.9 | 8850.2 |
| -30° | 4782.4 | 5238.2 | 5658.5 | 6051.1 | 6346.3 | 6532.7 | 6677.2 | 6872.6 | 7092.1 | 7315.5 | 7618.5 |
| -32.5° | 4076.0 | 4993.5 | 5384.8 | 5739.2 | 6043.7 | 6262.9 | 6415.8 | 6544.2 | 6670.9 | 6813.8 | 6973.6 |
| -35° | 3302.2 | 4208.4 | 5091.3 | 5367.7 | 5655.4 | 5945.7 | 6172.4 | 6293.6 | 6403.8 | 6503.9 | 6601.6 |
| -37.5° | 2684.8 | 3324.2 | 4116.6 | 4869.8 | 5219.4 | 5512.5 | 5785.0 | 5996.6 | 6151.2 | 6245.1 | 6333.0 |
| -40° | 2443.2 | 2605.2 | 3214.7 | 3834.9 | 4431.3 | 4972.8 | 5249.9 | 5562.8 | 5817.0 | 5954.9 | 6050.6 |
| -42.5° | 2385.4 | 2459.8 | 2516.7 | 2909.7 | 3384.1 | 3840.7 | 4346.0 | 4847.6 | 5241.2 | 5503.5 | 5698.7 |
| -45° | 2258.8 | 2365.9 | 2450.8 | 2485.8 | 2507.3 | 2840.2 | 3231.5 | 3614.5 | 4056.5 | 4513.1 | 4927.6 |
| -47.5° | 2079.6 | 2218.8 | 2314.7 | 2389.7 | 2434.6 | 2448.7 | 2476.2 | 2562.1 | 2883.0 | 3220.5 | 3541.7 |
| -50° | 1879.6 | 2007.2 | 2122.1 | 2226.5 | 2288.6 | 2339.0 | 2387.1 | 2433.3 | 2472.5 | 2521.9 | 2566.4 |
| -52.5° | 1678.2 | 1795.2 | 1898.5 | 1990.1 | 2072.4 | 2151.9 | 2228.3 | 2285.4 | 2341.2 | 2401.0 | 2449.7 |
| -55° | 1498.9 | 1593.7 | 1680.3 | 1760.7 | 1834.9 | 1902.1 | 1971.1 | 2044.9 | 2121.2 | 2195.9 | 2253.9 |
| -57.5° | 1307.1 | 1397.8 | 1479.8 | 1548.0 | 1607.7 | 1657.8 | 1721.2 | 1790.4 | 1862.2 | 1928.7 | 1979.2 |
| -60° | 1113.8 | 1194.0 | 1269.0 | 1335.0 | 1391.7 | 1438.3 | 1496.9 | 1555.5 | 1619.5 | 1676.4 | 1721.3 |
| -62.5° | 930.1 | 997.7 | 1061.5 | 1119.2 | 1170.7 | 1218.0 | 1270.0 | 1322.3 | 1382.4 | 1435.4 | 1478.4 |
| -65° | 777.5 | 829.9 | 873.5 | 914.4 | 946.3 | 987.2 | 1037.5 | 1085.7 | 1138.1 | 1184.0 | 1222.3 |
| -67.5° | 612.1 | 660.5 | 700.5 | 736.2 | 764.2 | 793.5 | 830.7 | 869.1 | 909.8 | 946.2 | 978.3 |
| -70° | 467.7 | 500.2 | 526.2 | 552.9 | 581.6 | 609.5 | 639.3 | 672.2 | 706.2 | 736.4 | 762.8 |
| -72.5° | 360.8 | 376.9 | 392.0 | 413.8 | 433.0 | 452.5 | 471.3 | 494.9 | 520.1 | 543.0 | 563.6 |
| -75° | 298.1 | 308.0 | 319.6 | 329.9 | 338.8 | 349.2 | 359.6 | 374.9 | 391.5 | 407.3 | 422.0 |
| -77.5° | 267.5 | 274.7 | 280.5 | 285.2 | 289.4 | 295.7 | 302.5 | 313.8 | 326.0 | 339.3 | 352.6 |
| -80° | 241.5 | 247.0 | 251.8 | 256.1 | 259.8 | 265.1 | 270.4 | 280.4 | 290.9 | 302.1 | 313.2 |
| -82.5° | 217.4 | 221.8 | 225.7 | 229.5 | 233.2 | 237.7 | 242.1 | 250.8 | 259.8 | 269.2 | 278.5 |
| -85° | 194.8 | 198.5 | 202.0 | 205.1 | 208.1 | 211.9 | 215.6 | 223.2 | 230.7 | 238.7 | 246.6 |
| -87.5° | 175.0 | 178.4 | 181.7 | 184.5 | 187.3 | 190.6 | 193.9 | 200.5 | 207.1 | 213.7 | 220.3 |
| -90° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| 90° | 202.3 | 202.7 | 203.2 | 203.7 | 203.2 | 202.7 | 202.3 | 201.8 | 195.8 | 189.8 | 184.9 |
| 87.5° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.5 | 1.0 | 1.0 |
| 85° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.9 | 2.9 | 2.8 |
| 82.5° | 3.5 | 3.0 | 3.5 | 4.0 | 3.5 | 3.0 | 3.5 | 3.9 | 3.4 | 3.0 | 3.0 |
| 80° | 3.5 | 3.0 | 3.5 | 4.0 | 3.5 | 3.0 | 3.5 | 4.0 | 3.5 | 3.0 | 3.0 |
| 77.5° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.1 | 3.1 | 3.0 | 3.0 |
| 75° | 5.0 | 4.0 | 3.5 | 3.0 | 3.5 | 4.0 | 5.0 | 5.8 | 6.1 | 6.2 | 5.9 |
| 72.5° | 20.5 | 20.5 | 20.8 | 20.9 | 20.8 | 20.5 | 20.5 | 20.0 | 18.3 | 16.7 | 15.6 |
| 70° | 25.9 | 26.6 | 26.8 | 26.8 | 26.8 | 26.6 | 25.9 | 25.1 | 23.8 | 22.8 | 22.4 |
| 67.5° | 26.4 | 25.9 | 25.4 | 24.8 | 25.4 | 25.9 | 26.4 | 26.2 | 24.7 | 23.6 | 23.0 |
| 65° | 16.5 | 15.4 | 13.7 | 11.9 | 13.7 | 15.4 | 16.5 | 17.4 | 17.5 | 18.0 | 18.5 |
| 62.5° | 9.6 | 9.2 | 9.0 | 8.9 | 9.0 | 9.2 | 9.6 | 9.9 | 10.1 | 10.8 | 11.8 |
| 60° | 5.7 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.7 | 5.5 | 5.4 | 5.8 | 6.4 |
| 57.5° | 4.4 | 4.9 | 5.4 | 6.0 | 5.4 | 4.9 | 4.4 | 4.1 | 4.0 | 4.3 | 4.7 |
| 55° | 10.1 | 11.3 | 11.8 | 11.9 | 11.8 | 11.3 | 10.1 | 9.5 | 9.0 | 8.8 | 9.7 |
| 52.5° | 53.7 | 51.0 | 48.6 | 46.7 | 48.6 | 51.0 | 53.7 | 55.6 | 54.2 | 49.4 | 42.9 |
| 50° | 232.0 | 238.0 | 240.8 | 240.5 | 240.8 | 238.0 | 232.0 | 227.8 | 218.4 | 201.0 | 175.5 |
| 47.5° | 477.8 | 481.2 | 478.5 | 471.1 | 478.5 | 481.2 | 477.8 | 467.9 | 463.3 | 462.7 | 456.3 |
| 45° | 950.0 | 908.8 | 835.7 | 771.2 | 835.7 | 908.8 | 950.0 | 876.1 | 815.7 | 763.8 | 707.5 |
| 42.5° | 1487.0 | 1536.3 | 1573.2 | 1590.2 | 1573.2 | 1536.3 | 1487.0 | 1397.9 | 1330.9 | 1284.8 | 1276.8 |
| 40° | 1866.1 | 1813.5 | 1802.8 | 1810.8 | 1802.8 | 1813.5 | 1866.1 | 1917.3 | 1871.7 | 1897.3 | 1876.3 |
| 37.5° | 2241.2 | 2289.0 | 2324.4 | 2267.0 | 2324.4 | 2289.0 | 2241.2 | 2235.6 | 2213.2 | 2172.2 | 2127.7 |
| 35° | 2482.8 | 2652.9 | 2852.5 | 2913.0 | 2852.5 | 2652.9 | 2482.8 | 2398.3 | 2362.0 | 2316.5 | 2281.6 |
| 32.5° | 2887.0 | 3066.6 | 3144.3 | 3163.5 | 3144.3 | 3066.6 | 2887.0 | 2680.1 | 2556.5 | 2497.6 | 2460.4 |
| 30° | 3530.0 | 3709.4 | 3741.6 | 3767.7 | 3741.6 | 3709.4 | 3530.0 | 3255.0 | 2969.4 | 2835.2 | 2718.2 |
| 27.5° | 4963.5 | 5364.7 | 5459.9 | 5526.9 | 5459.9 | 5364.7 | 4963.5 | 4476.6 | 3742.7 | 3401.9 | 3121.1 |
| 25° | 9112.3 | 10155.9 | 10837.5 | 10771.5 | 10837.5 | 10155.9 | 9112.3 | 7602.4 | 5689.8 | 4802.1 | 3853.4 |
| 22.5° | 19208.7 | 21257.3 | 22350.4 | 22331.0 | 22350.4 | 21257.3 | 19208.7 | 15362.7 | 11524.3 | 8441.0 | 6024.8 |
| 20° | 38903.4 | 44965.0 | 48246.0 | 47872.2 | 48246.0 | 44965.0 | 38903.4 | 29949.4 | 23664.5 | 16171.2 | 11007.2 |
| 17.5° | 67835.1 | 79542.7 | 87721.8 | 88057.0 | 87721.8 | 79542.7 | 67835.1 | 54724.9 | 43052.9 | 29749.9 | 19145.0 |
| 15° | 104893.2 | 122264.4 | 134527.4 | 134525.9 | 134527.4 | 122264.4 | 104893.2 | 86347.5 | 66731.2 | 48030.9 | 31909.5 |
| 12.5° | 149995.1 | 170759.4 | 184790.2 | 186894.3 | 184790.2 | 170759.4 | 149995.1 | 123517.6 | 92248.8 | 68686.0 | 46497.4 |
| 10° | 193280.9 | 216800.7 | 238012.2 | 243852.4 | 238012.2 | 216800.7 | 193280.9 | 161012.3 | 125262.6 | 89351.2 | 58931.4 |
| 7.5° | 229919.0 | 266917.3 | 286239.0 | 292324.4 | 286239.0 | 266917.3 | 229919.0 | 193977.9 | 152404.1 | 109132.6 | 73140.9 |
| 5° | 265881.5 | 297906.7 | 314128.9 | 318825.2 | 314128.9 | 297906.7 | 265881.5 | 218591.5 | 172691.2 | 125431.6 | 83752.7 |
| 2.5° | 284798.9 | 314194.8 | 336995.3 | 350218.3 | 336995.3 | 314194.8 | 284798.9 | 236722.5 | 186782.8 | 137068.9 | 92321.6 |
| 0° | 291916.5 | 319844.9 | 350422.5 | 371249.3 | 350422.5 | 319844.9 | 291916.5 | 245079.8 | 192701.4 | 142168.6 | 96622.0 |
| -2.5° | 284797.3 | 311821.5 | 334355.2 | 345326.0 | 334355.2 | 311821.5 | 284797.3 | 238253.2 | 186005.1 | 137175.8 | 94115.3 |
| -5° | 263217.0 | 295003.5 | 311409.8 | 315563.3 | 311409.8 | 295003.5 | 263217.0 | 219400.0 | 171086.2 | 127008.4 | 87547.2 |
| -7.5° | 228750.2 | 259320.7 | 279435.9 | 283966.6 | 279435.9 | 259320.7 | 228750.2 | 191556.0 | 151627.9 | 110840.7 | 75440.8 |
| -10° | 190378.4 | 216490.8 | 230061.2 | 233416.9 | 230061.2 | 216490.8 | 190378.4 | 157409.6 | 124749.9 | 91884.0 | 61212.1 |
| -12.5° | 147928.3 | 167078.0 | 180930.4 | 182810.5 | 180930.4 | 167078.0 | 147928.3 | 125149.8 | 96371.1 | 69411.2 | 46643.1 |
| -15° | 110109.8 | 122774.4 | 133942.2 | 135225.5 | 133942.2 | 122774.4 | 110109.8 | 90653.0 | 69798.6 | 49214.6 | 32244.1 |
| -17.5° | 73767.8 | 84253.1 | 90501.8 | 92304.7 | 90501.8 | 84253.1 | 73767.8 | 57995.9 | 45964.1 | 32358.3 | 22009.3 |
| -20° | 44199.1 | 51702.0 | 55866.4 | 56022.9 | 55866.4 | 51702.0 | 44199.1 | 36005.1 | 28152.2 | 20275.4 | 14472.4 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| -22.5° | 25642.2 | 29816.8 | 32020.2 | 31977.4 | 32020.2 | 29816.8 | 25642.2 | 21531.0 | 16552.9 | 12620.3 | 9704.4 |
| -25° | 14788.4 | 16616.2 | 17345.7 | 17371.7 | 17345.7 | 16616.2 | 14788.4 | 12410.1 | 10008.4 | 9079.8 | 8089.3 |
| -27.5° | 9416.4 | 9836.0 | 10004.1 | 10031.0 | 10004.1 | 9836.0 | 9416.4 | 8850.2 | 8144.9 | 7776.0 | 7361.2 |
| -30° | 7894.8 | 8140.3 | 8253.2 | 8284.8 | 8253.2 | 8140.3 | 7894.8 | 7618.5 | 7315.5 | 7092.1 | 6872.6 |
| -32.5° | 7123.6 | 7258.8 | 7350.0 | 7336.7 | 7350.0 | 7258.8 | 7123.6 | 6973.6 | 6813.8 | 6670.9 | 6544.2 |
| -35° | 6697.1 | 6780.8 | 6832.0 | 6856.6 | 6832.0 | 6780.8 | 6697.1 | 6601.6 | 6503.9 | 6403.8 | 6293.6 |
| -37.5° | 6420.6 | 6495.5 | 6544.0 | 6558.5 | 6544.0 | 6495.5 | 6420.6 | 6333.0 | 6245.1 | 6151.2 | 5996.6 |
| -40° | 6132.9 | 6195.2 | 6235.0 | 6249.4 | 6235.0 | 6195.2 | 6132.9 | 6050.6 | 5954.9 | 5817.0 | 5562.8 |
| -42.5° | 5822.4 | 5889.3 | 5921.2 | 5921.4 | 5921.2 | 5889.3 | 5822.4 | 5698.7 | 5503.5 | 5241.2 | 4847.6 |
| -45° | 5267.7 | 5473.6 | 5576.8 | 5581.5 | 5576.8 | 5473.6 | 5267.7 | 4927.6 | 4513.1 | 4056.5 | 3614.5 |
| -47.5° | 3834.0 | 4037.5 | 4201.2 | 4322.3 | 4201.2 | 4037.5 | 3834.0 | 3541.7 | 3220.5 | 2883.0 | 2562.1 |
| -50° | 2605.3 | 2618.7 | 2619.6 | 2607.9 | 2619.6 | 2618.7 | 2605.3 | 2566.4 | 2521.9 | 2472.5 | 2433.3 |
| -52.5° | 2487.7 | 2501.6 | 2511.8 | 2517.4 | 2511.8 | 2501.6 | 2487.7 | 2449.7 | 2401.0 | 2341.2 | 2285.4 |
| -55° | 2296.8 | 2314.3 | 2321.5 | 2318.7 | 2321.5 | 2314.3 | 2296.8 | 2253.9 | 2195.9 | 2121.2 | 2044.9 |
| -57.5° | 2013.0 | 2024.6 | 2030.0 | 2028.5 | 2030.0 | 2024.6 | 2013.0 | 1979.2 | 1928.7 | 1862.2 | 1790.4 |
| -60° | 1748.9 | 1757.5 | 1762.5 | 1762.1 | 1762.5 | 1757.5 | 1748.9 | 1721.3 | 1676.4 | 1619.5 | 1555.5 |
| -62.5° | 1502.5 | 1510.2 | 1515.8 | 1516.6 | 1515.8 | 1510.2 | 1502.5 | 1478.4 | 1435.4 | 1382.4 | 1322.3 |
| -65° | 1241.5 | 1247.3 | 1251.0 | 1250.3 | 1251.0 | 1247.3 | 1241.5 | 1222.3 | 1184.0 | 1138.1 | 1085.7 |
| -67.5° | 992.4 | 996.5 | 999.9 | 999.8 | 999.9 | 996.5 | 992.4 | 978.3 | 946.2 | 909.8 | 869.1 |
| -70° | 771.2 | 771.6 | 773.2 | 772.2 | 773.2 | 771.6 | 771.2 | 762.8 | 736.4 | 706.2 | 672.2 |
| -72.5° | 568.4 | 567.9 | 567.6 | 565.5 | 567.6 | 567.9 | 568.4 | 563.6 | 543.0 | 520.1 | 494.9 |
| -75° | 423.5 | 422.0 | 420.6 | 418.4 | 420.6 | 422.0 | 423.5 | 422.0 | 407.3 | 391.5 | 374.9 |
| -77.5° | 354.1 | 354.1 | 351.7 | 348.8 | 351.7 | 354.1 | 354.1 | 352.6 | 339.3 | 326.0 | 313.8 |
| -80° | 313.9 | 313.6 | 312.5 | 311.1 | 312.5 | 313.6 | 313.9 | 313.2 | 302.1 | 290.9 | 280.4 |
| -82.5° | 279.5 | 279.9 | 279.7 | 279.3 | 279.7 | 279.9 | 279.5 | 278.5 | 269.2 | 259.8 | 250.8 |
| -85° | 247.5 | 248.3 | 248.0 | 247.5 | 248.0 | 248.3 | 247.5 | 246.6 | 238.7 | 230.7 | 223.2 |
| -87.5° | 220.9 | 221.5 | 221.6 | 221.6 | 221.6 | 221.5 | 220.9 | 220.3 | 213.7 | 207.1 | 200.5 |
| -90° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90° | 179.9 | 176.4 | 172.9 | 170.5 | 168.0 | 165.0 | 162.0 | 157.6 | 153.1 | 148.6 | 144.1 |
| 87.5° | 1.0 | 1.0 | 1.0 | 1.4 | 1.9 | 1.8 | 1.8 | 1.8 | 1.8 | 1.9 | 2.0 |
| 85° | 2.8 | 2.7 | 2.6 | 2.3 | 2.0 | 2.0 | 2.0 | 2.3 | 2.5 | 2.5 | 2.4 |
| 82.5° | 3.0 | 3.0 | 3.0 | 2.8 | 2.6 | 2.5 | 2.5 | 2.7 | 3.0 | 3.0 | 3.0 |
| 80° | 3.0 | 3.4 | 3.6 | 3.5 | 3.5 | 3.4 | 3.3 | 3.2 | 3.1 | 3.0 | 3.1 |
| 77.5° | 3.0 | 3.2 | 3.5 | 3.8 | 4.0 | 4.1 | 4.1 | 4.0 | 3.9 | 4.1 | 4.1 |
| 75° | 5.8 | 6.1 | 6.0 | 5.6 | 5.3 | 5.0 | 4.9 | 4.7 | 4.7 | 4.8 | 5.0 |
| 72.5° | 14.6 | 14.2 | 13.8 | 12.5 | 11.2 | 11.2 | 10.9 | 9.9 | 8.2 | 6.2 | 5.0 |
| 70° | 22.5 | 22.9 | 23.5 | 24.5 | 24.4 | 23.5 | 21.3 | 18.8 | 16.1 | 13.3 | 10.3 |
| 67.5° | 24.3 | 26.8 | 29.0 | 30.9 | 31.3 | 31.7 | 30.8 | 29.3 | 28.9 | 26.3 | 19.0 |
| 65° | 21.1 | 24.9 | 27.6 | 29.3 | 30.1 | 32.0 | 34.8 | 35.2 | 38.1 | 38.6 | 31.6 |
| 62.5° | 14.5 | 18.0 | 20.3 | 22.7 | 24.0 | 26.3 | 31.3 | 36.4 | 43.6 | 46.7 | 40.4 |
| 60° | 8.4 | 10.1 | 13.1 | 15.7 | 17.4 | 21.2 | 27.3 | 35.3 | 45.0 | 46.1 | 44.5 |
| 57.5° | 6.4 | 7.9 | 10.0 | 12.4 | 13.2 | 17.5 | 23.7 | 33.2 | 42.9 | 44.8 | 42.1 |
| 55° | 10.6 | 12.1 | 13.3 | 16.0 | 17.8 | 21.3 | 24.4 | 32.3 | 41.7 | 45.6 | 45.9 |
| 52.5° | 32.4 | 39.2 | 39.1 | 31.4 | 32.6 | 37.0 | 34.5 | 40.7 | 47.0 | 52.2 | 54.2 |
| 50° | 162.2 | 161.3 | 139.4 | 112.6 | 117.5 | 88.4 | 89.0 | 78.5 | 69.8 | 72.3 | 69.5 |
| 47.5° | 430.0 | 394.8 | 360.1 | 332.3 | 296.8 | 262.9 | 236.3 | 186.6 | 171.7 | 121.7 | 120.5 |
| 45° | 683.1 | 656.2 | 623.8 | 571.2 | 533.7 | 482.8 | 444.9 | 395.3 | 336.1 | 286.1 | 203.8 |
| 42.5° | 1221.2 | 994.8 | 846.9 | 791.5 | 715.5 | 662.7 | 621.3 | 578.5 | 534.4 | 471.6 | 395.1 |
| 40° | 1828.5 | 1771.1 | 1453.1 | 1098.5 | 932.1 | 814.8 | 760.5 | 723.1 | 700.4 | 652.1 | 579.2 |
| 37.5° | 2091.1 | 2030.3 | 1943.7 | 1775.6 | 1320.5 | 1056.3 | 929.1 | 856.4 | 850.6 | 806.0 | 741.4 |
| 35° | 2236.5 | 2191.8 | 2148.0 | 2038.0 | 1794.9 | 1563.4 | 1209.0 | 1039.3 | 957.2 | 937.9 | 884.9 |
| 32.5° | 2417.4 | 2375.7 | 2318.6 | 2261.3 | 2201.3 | 2178.0 | 1783.4 | 1368.4 | 1090.4 | 1036.0 | 989.2 |
| 30° | 2631.5 | 2595.3 | 2526.9 | 2474.7 | 2469.2 | 2448.2 | 2362.1 | 1856.5 | 1406.8 | 1121.3 | 1089.0 |
| 27.5° | 3002.8 | 2852.8 | 2772.0 | 2747.6 | 2741.7 | 2729.4 | 2670.2 | 2432.0 | 1781.9 | 1359.3 | 1174.1 |
| 25° | 3603.7 | 3310.4 | 3167.2 | 3130.2 | 3132.1 | 3087.5 | 3045.3 | 2848.5 | 2363.9 | 1647.3 | 1262.1 |
| 22.5° | 4579.8 | 4065.3 | 3804.6 | 3679.0 | 3594.0 | 3530.5 | 3403.2 | 3219.4 | 2967.8 | 2060.2 | 1508.2 |
| 20° | 6683.0 | 5075.8 | 4534.7 | 4231.1 | 3994.0 | 3823.2 | 3652.0 | 3482.9 | 3199.9 | 2561.7 | 1767.8 |
| 17.5° | 11802.7 | 7091.0 | 5274.0 | 4764.2 | 4398.3 | 4096.4 | 3902.8 | 3686.7 | 3408.1 | 2958.9 | 1986.8 |
| 15° | 18549.4 | 10689.5 | 6810.8 | 5386.3 | 4863.8 | 4459.6 | 4230.0 | 3954.2 | 3659.9 | 3205.6 | 2308.0 |
| 12.5° | 28182.3 | 15527.1 | 8262.7 | 5924.5 | 5249.7 | 4769.1 | 4452.8 | 4226.2 | 3908.1 | 3463.0 | 2697.3 |
| 10° | 36074.4 | 20866.8 | 11287.2 | 7047.4 | 5648.5 | 4995.8 | 4617.4 | 4373.0 | 4084.8 | 3698.5 | 3061.0 |
| 7.5° | 45359.2 | 25974.3 | 13896.7 | 7847.4 | 6084.7 | 5265.2 | 4755.7 | 4476.6 | 4201.4 | 3791.0 | 3260.0 |
| 5° | 51533.8 | 29672.3 | 16234.9 | 8709.7 | 6504.4 | 5555.5 | 4879.9 | 4551.2 | 4259.7 | 3820.3 | 3393.9 |
| 2.5° | 56426.4 | 31721.2 | 17170.8 | 8947.0 | 6776.7 | 5827.2 | 5044.2 | 4643.9 | 4301.1 | 3855.7 | 3496.0 |
| 0° | 59424.9 | 33005.1 | 16879.7 | 9098.8 | 6943.1 | 6003.9 | 5272.4 | 4746.7 | 4319.3 | 3878.0 | 3551.1 |
| -2.5° | 58071.6 | 32401.3 | 16737.3 | 8976.4 | 7040.1 | 6105.7 | 5451.8 | 4977.4 | 4419.6 | 3910.6 | 3574.7 |
| -5° | 54074.6 | 30093.6 | 16378.3 | 9022.2 | 7082.6 | 6178.7 | 5567.8 | 5124.1 | 4512.2 | 3949.5 | 3552.7 |
| -7.5° | 46960.2 | 26949.7 | 14746.9 | 8734.5 | 7038.5 | 6205.5 | 5635.7 | 5197.9 | 4628.3 | 4071.3 | 3527.4 |
| -10° | 37074.0 | 21901.5 | 12404.3 | 8327.5 | 6946.3 | 6188.2 | 5676.3 | 5204.0 | 4672.7 | 4159.3 | 3441.8 |
| -12.5° | 29512.3 | 17146.2 | 9945.4 | 7744.6 | 6816.3 | 6151.6 | 5691.6 | 5166.3 | 4689.4 | 4240.3 | 3338.9 |
| -15° | 20593.2 | 12853.7 | 8958.6 | 7494.5 | 6690.7 | 6098.5 | 5661.7 | 5095.5 | 4671.8 | 4276.5 | 3148.2 |
| -17.5° | 14530.9 | 9820.5 | 7983.6 | 7121.8 | 6504.7 | 6043.7 | 5550.5 | 5041.6 | 4618.0 | 4082.0 | 2854.3 |
| -20° | 9908.4 | 8397.7 | 7557.0 | 6880.3 | 6334.9 | 5940.2 | 5403.2 | 4961.5 | 4512.0 | 3674.7 | 2639.2 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 8398.8 | 7716.6 | 7164.0 | 6634.0 | 6259.7 | 5763.3 | 5272.0 | 4840.8 | 4356.7 | 3213.2 | 2402.1 |
| -25° | 7631.9 | 7204.6 | 6813.9 | 6514.9 | 6110.1 | 5600.7 | 5151.0 | 4649.0 | 3830.7 | 2831.7 | 2183.7 |
| -27.5° | 7077.0 | 6785.7 | 6608.5 | 6320.4 | 5888.2 | 5446.5 | 4980.6 | 4357.7 | 3229.1 | 2521.5 | 2189.8 |
| -30° | 6677.2 | 6532.7 | 6346.3 | 6051.1 | 5658.5 | 5238.2 | 4782.4 | 3725.9 | 2818.6 | 2278.7 | 2181.8 |
| -32.5° | 6415.8 | 6262.9 | 6043.7 | 5739.2 | 5384.8 | 4993.5 | 4076.0 | 3131.2 | 2440.1 | 2263.4 | 2130.5 |
| -35° | 6172.4 | 5945.7 | 5655.4 | 5367.7 | 5091.3 | 4208.4 | 3302.2 | 2622.0 | 2341.0 | 2227.2 | 2060.5 |
| -37.5° | 5785.0 | 5512.5 | 5219.4 | 4869.8 | 4116.6 | 3324.2 | 2684.8 | 2404.4 | 2305.0 | 2147.6 | 1956.6 |
| -40° | 5249.9 | 4972.8 | 4431.3 | 3834.9 | 3214.7 | 2605.2 | 2443.2 | 2365.9 | 2214.3 | 2041.5 | 1831.1 |
| -42.5° | 4346.0 | 3840.7 | 3384.1 | 2909.7 | 2516.7 | 2459.8 | 2385.4 | 2254.1 | 2094.2 | 1897.1 | 1698.8 |
| -45° | 3231.5 | 2840.2 | 2507.3 | 2485.8 | 2450.8 | 2365.9 | 2258.8 | 2107.1 | 1932.2 | 1746.2 | 1558.7 |
| -47.5° | 2476.2 | 2448.7 | 2434.6 | 2389.7 | 2314.7 | 2218.8 | 2079.6 | 1929.9 | 1761.0 | 1590.1 | 1429.6 |
| -50° | 2387.1 | 2339.0 | 2288.6 | 2226.5 | 2122.1 | 2007.2 | 1879.6 | 1739.0 | 1590.3 | 1447.0 | 1295.6 |
| -52.5° | 2228.3 | 2151.9 | 2072.4 | 1990.1 | 1898.5 | 1795.2 | 1678.2 | 1561.9 | 1436.2 | 1296.7 | 1156.6 |
| -55° | 1971.1 | 1902.1 | 1834.9 | 1760.7 | 1680.3 | 1593.7 | 1498.9 | 1388.8 | 1265.3 | 1137.0 | 1017.9 |
| -57.5° | 1721.2 | 1657.8 | 1607.7 | 1548.0 | 1479.8 | 1397.8 | 1307.1 | 1200.0 | 1091.0 | 983.7 | 879.9 |
| -60° | 1496.9 | 1438.3 | 1391.7 | 1335.0 | 1269.0 | 1194.0 | 1113.8 | 1022.8 | 924.1 | 844.2 | 765.9 |
| -62.5° | 1270.0 | 1218.0 | 1170.7 | 1119.2 | 1061.5 | 997.7 | 930.1 | 865.1 | 791.7 | 718.6 | 642.4 |
| -65° | 1037.5 | 987.2 | 946.3 | 914.4 | 873.5 | 829.9 | 777.5 | 719.7 | 651.4 | 584.4 | 514.5 |
| -67.5° | 830.7 | 793.5 | 764.2 | 736.2 | 700.5 | 660.5 | 612.1 | 560.4 | 510.7 | 461.4 | 406.8 |
| -70° | 639.3 | 609.5 | 581.6 | 552.9 | 526.2 | 500.2 | 467.7 | 430.6 | 388.9 | 356.2 | 326.6 |
| -72.5° | 471.3 | 452.5 | 433.0 | 413.8 | 392.0 | 376.9 | 360.8 | 340.8 | 318.1 | 292.8 | 271.1 |
| -75° | 359.6 | 349.2 | 338.8 | 329.9 | 319.6 | 308.0 | 298.1 | 286.8 | 274.7 | 261.1 | 247.7 |
| -77.5° | 302.5 | 295.7 | 289.4 | 285.2 | 280.5 | 274.7 | 267.5 | 258.3 | 248.8 | 237.6 | 226.5 |
| -80° | 270.4 | 265.1 | 259.8 | 256.1 | 251.8 | 247.0 | 241.5 | 233.7 | 225.4 | 216.0 | 206.7 |
| -82.5° | 242.1 | 237.7 | 233.2 | 229.5 | 225.7 | 221.8 | 217.4 | 210.7 | 203.8 | 195.7 | 187.6 |
| -85° | 215.6 | 211.9 | 208.1 | 205.1 | 202.0 | 198.5 | 194.8 | 189.0 | 183.0 | 176.3 | 169.5 |
| -87.5° | 193.9 | 190.6 | 187.3 | 184.5 | 181.7 | 178.4 | 175.0 | 170.1 | 165.2 | 159.9 | 154.6 |
| -90° | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.5 | 2.0 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 90° | 138.2 | 132.2 | 127.7 | 123.2 | 118.3 | 113.3 | 107.9 | 102.4 | 95.5 | 88.5 | 80.1 |
| 87.5° | 2.0 | 2.0 | 2.3 | 2.6 | 2.5 | 2.5 | 2.5 | 2.4 | 2.6 | 2.7 | 3.0 |
| 85° | 2.4 | 2.3 | 2.6 | 3.0 | 3.0 | 3.0 | 2.9 | 2.9 | 3.2 | 3.4 | 3.4 |
| 82.5° | 3.0 | 2.9 | 2.9 | 3.0 | 3.3 | 3.5 | 3.4 | 3.3 | 3.7 | 4.0 | 3.9 |
| 80° | 3.4 | 3.6 | 3.4 | 3.3 | 3.6 | 4.0 | 3.8 | 3.8 | 4.1 | 4.4 | 4.3 |
| 77.5° | 4.1 | 4.2 | 4.0 | 3.9 | 3.9 | 4.1 | 4.2 | 4.2 | 4.5 | 4.8 | 4.8 |
| 75° | 5.0 | 4.7 | 4.2 | 4.2 | 4.3 | 4.2 | 4.5 | 4.7 | 5.1 | 5.2 | 5.3 |
| 72.5° | 5.0 | 5.0 | 4.6 | 4.5 | 5.1 | 5.3 | 5.2 | 5.3 | 5.8 | 6.0 | 5.9 |
| 70° | 7.5 | 5.9 | 5.5 | 5.7 | 6.1 | 6.5 | 6.6 | 6.7 | 6.5 | 6.9 | 6.9 |
| 67.5° | 12.0 | 9.9 | 8.3 | 7.2 | 7.3 | 7.7 | 7.9 | 8.3 | 8.3 | 7.9 | 8.0 |
| 65° | 23.1 | 16.7 | 11.7 | 10.3 | 9.2 | 9.1 | 9.3 | 10.1 | 10.2 | 10.0 | 9.1 |
| 62.5° | 33.2 | 25.7 | 19.7 | 14.8 | 12.4 | 12.3 | 11.0 | 12.2 | 12.2 | 12.2 | 11.0 |
| 60° | 42.2 | 34.4 | 28.5 | 23.4 | 18.9 | 16.6 | 15.7 | 14.5 | 14.8 | 14.5 | 13.3 |
| 57.5° | 42.5 | 41.9 | 39.2 | 33.2 | 29.0 | 24.2 | 21.7 | 19.7 | 17.9 | 17.7 | 15.8 |
| 55° | 43.2 | 43.7 | 49.0 | 45.4 | 41.1 | 34.7 | 30.4 | 26.7 | 22.4 | 21.2 | 18.4 |
| 52.5° | 51.6 | 53.1 | 57.2 | 60.0 | 56.8 | 48.0 | 43.3 | 34.3 | 30.8 | 25.1 | 22.0 |
| 50° | 66.2 | 71.4 | 72.0 | 77.0 | 74.5 | 68.6 | 57.5 | 48.2 | 40.0 | 30.7 | 26.0 |
| 47.5° | 103.4 | 108.1 | 98.9 | 101.4 | 96.8 | 92.5 | 79.0 | 64.9 | 50.0 | 40.0 | 30.1 |
| 45° | 196.6 | 169.1 | 153.2 | 140.0 | 128.1 | 123.0 | 104.9 | 83.4 | 67.1 | 49.7 | 34.3 |
| 42.5° | 318.6 | 277.5 | 245.4 | 186.3 | 179.5 | 158.9 | 136.2 | 111.7 | 85.5 | 59.9 | 41.4 |
| 40° | 490.7 | 412.0 | 357.6 | 294.8 | 243.0 | 199.6 | 176.4 | 143.7 | 105.1 | 72.8 | 50.5 |
| 37.5° | 652.7 | 552.3 | 483.0 | 406.7 | 322.9 | 266.1 | 220.7 | 177.9 | 128.5 | 90.8 | 59.9 |
| 35° | 783.0 | 683.2 | 589.5 | 510.7 | 425.8 | 332.7 | 268.3 | 216.2 | 158.7 | 109.5 | 69.4 |
| 32.5° | 901.3 | 795.1 | 688.8 | 600.0 | 507.9 | 397.7 | 323.8 | 254.3 | 189.0 | 128.9 | 79.4 |
| 30° | 1006.0 | 904.5 | 783.3 | 673.4 | 575.5 | 465.7 | 376.3 | 289.9 | 219.3 | 148.9 | 91.0 |
| 27.5° | 1120.2 | 1017.9 | 879.4 | 753.1 | 635.0 | 524.9 | 418.2 | 322.9 | 249.7 | 169.2 | 106.2 |
| 25° | 1227.7 | 1123.6 | 986.3 | 842.7 | 695.1 | 572.1 | 457.3 | 353.7 | 278.1 | 189.7 | 120.5 |
| 22.5° | 1299.6 | 1212.6 | 1084.5 | 937.4 | 761.4 | 618.1 | 495.5 | 387.2 | 297.3 | 208.5 | 134.0 |
| 20° | 1357.7 | 1290.8 | 1171.2 | 1009.0 | 833.5 | 672.4 | 533.6 | 414.3 | 315.2 | 225.5 | 146.5 |
| 17.5° | 1440.5 | 1354.0 | 1232.8 | 1069.2 | 899.6 | 727.3 | 570.5 | 439.6 | 331.6 | 240.7 | 158.2 |
| 15° | 1644.0 | 1409.4 | 1292.6 | 1125.8 | 950.7 | 774.0 | 606.3 | 463.7 | 346.5 | 254.1 | 168.6 |
| 12.5° | 1855.1 | 1463.2 | 1350.5 | 1174.8 | 988.3 | 814.0 | 640.7 | 486.1 | 359.8 | 267.8 | 177.9 |
| 10° | 2053.2 | 1510.0 | 1404.4 | 1219.6 | 1021.0 | 847.7 | 673.1 | 510.6 | 379.8 | 281.8 | 186.3 |
| 7.5° | 2220.7 | 1552.7 | 1455.2 | 1260.1 | 1050.6 | 878.0 | 705.8 | 541.3 | 399.8 | 294.7 | 193.7 |
| 5° | 2362.2 | 1591.9 | 1504.4 | 1310.0 | 1085.6 | 906.0 | 734.7 | 569.7 | 418.7 | 306.4 | 200.1 |
| 2.5° | 2458.6 | 1627.4 | 1548.7 | 1356.5 | 1116.2 | 929.3 | 759.4 | 595.5 | 435.9 | 316.5 | 205.4 |
| 0° | 2522.4 | 1659.7 | 1586.2 | 1396.4 | 1141.9 | 948.1 | 780.2 | 618.2 | 451.2 | 325.0 | 209.7 |
| -2.5° | 2542.5 | 1693.4 | 1617.1 | 1430.2 | 1183.0 | 973.1 | 795.4 | 628.8 | 461.6 | 334.5 | 216.8 |
| -5° | 2528.1 | 1724.5 | 1642.2 | 1457.1 | 1217.4 | 993.3 | 806.6 | 636.0 | 469.7 | 342.2 | 222.7 |
| -7.5° | 2485.1 | 1759.5 | 1663.1 | 1477.2 | 1243.9 | 1007.8 | 813.7 | 639.8 | 475.5 | 347.8 | 227.4 |
| -10° | 2411.3 | 1794.5 | 1679.9 | 1484.8 | 1248.0 | 1015.2 | 816.9 | 640.4 | 479.1 | 351.2 | 230.6 |
| -12.5° | 2318.7 | 1826.6 | 1690.3 | 1483.4 | 1243.1 | 1016.8 | 819.8 | 638.9 | 480.1 | 352.5 | 232.3 |
| -15° | 2200.2 | 1867.1 | 1703.6 | 1474.2 | 1232.0 | 1013.6 | 817.2 | 634.0 | 477.1 | 350.4 | 232.4 |
| -17.5° | 2044.8 | 1904.8 | 1712.1 | 1462.3 | 1216.9 | 1005.8 | 809.0 | 624.6 | 471.5 | 344.8 | 230.4 |
| -20° | 2040.9 | 1921.2 | 1707.5 | 1439.5 | 1195.3 | 991.8 | 794.9 | 610.6 | 463.2 | 337.0 | 226.5 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| -22.5° | 2069.3 | 1914.5 | 1680.6 | 1409.3 | 1169.4 | 971.8 | 776.3 | 592.3 | 452.1 | 327.3 | 221.2 |
| -25° | 2085.0 | 1901.6 | 1643.1 | 1376.7 | 1142.9 | 946.5 | 754.5 | 573.1 | 438.3 | 315.5 | 214.5 |
| -27.5° | 2059.5 | 1863.4 | 1594.1 | 1333.2 | 1112.6 | 916.4 | 729.4 | 559.3 | 425.8 | 301.7 | 206.4 |
| -30° | 2016.0 | 1791.1 | 1534.2 | 1282.8 | 1073.5 | 881.6 | 699.7 | 542.7 | 412.0 | 290.5 | 197.0 |
| -32.5° | 1951.1 | 1713.4 | 1466.5 | 1234.4 | 1028.9 | 841.5 | 666.0 | 522.9 | 396.0 | 280.9 | 190.8 |
| -35° | 1848.9 | 1625.8 | 1393.9 | 1180.0 | 979.5 | 800.5 | 634.0 | 499.8 | 377.7 | 268.9 | 185.5 |
| -37.5° | 1738.4 | 1525.3 | 1326.8 | 1120.8 | 927.8 | 755.9 | 605.6 | 475.5 | 357.2 | 254.3 | 179.6 |
| -40° | 1622.8 | 1423.7 | 1240.4 | 1056.9 | 874.5 | 707.8 | 573.2 | 448.0 | 337.2 | 237.2 | 172.4 |
| -42.5° | 1501.5 | 1324.3 | 1151.1 | 982.6 | 816.5 | 667.2 | 536.9 | 416.2 | 313.3 | 224.5 | 163.9 |
| -45° | 1388.1 | 1220.1 | 1056.9 | 903.9 | 754.6 | 622.0 | 496.6 | 381.2 | 286.6 | 213.3 | 157.6 |
| -47.5° | 1268.8 | 1112.0 | 962.1 | 820.1 | 698.1 | 571.7 | 451.3 | 348.6 | 258.0 | 200.6 | 155.1 |
| -50° | 1145.9 | 1001.9 | 865.5 | 744.1 | 632.5 | 515.8 | 404.0 | 313.4 | 240.9 | 185.7 | 152.0 |
| -52.5° | 1021.3 | 891.2 | 775.2 | 668.6 | 561.6 | 454.8 | 360.1 | 277.1 | 222.5 | 177.4 | 148.4 |
| -55° | 895.5 | 789.9 | 689.5 | 587.6 | 486.7 | 397.9 | 312.8 | 254.0 | 202.9 | 172.0 | 144.3 |
| -57.5° | 787.7 | 694.2 | 597.2 | 501.8 | 417.8 | 340.0 | 277.4 | 229.7 | 193.0 | 166.1 | 141.6 |
| -60° | 680.8 | 588.9 | 499.3 | 424.2 | 352.6 | 293.1 | 249.2 | 209.6 | 185.7 | 160.1 | 138.2 |
| -62.5° | 561.3 | 482.2 | 415.7 | 350.4 | 300.5 | 259.2 | 223.1 | 199.7 | 177.7 | 155.4 | 134.3 |
| -65° | 452.4 | 391.9 | 335.1 | 297.8 | 260.6 | 229.4 | 210.4 | 189.0 | 170.4 | 150.2 | 130.1 |
| -67.5° | 352.1 | 319.3 | 286.2 | 252.6 | 232.3 | 215.0 | 197.1 | 180.1 | 163.2 | 144.5 | 125.9 |
| -70° | 296.1 | 266.3 | 246.8 | 231.6 | 216.5 | 200.9 | 186.8 | 171.9 | 155.8 | 139.0 | 121.3 |
| -72.5° | 256.2 | 241.9 | 227.9 | 214.2 | 201.9 | 189.3 | 176.8 | 163.4 | 148.5 | 133.2 | 116.5 |
| -75° | 234.5 | 222.4 | 210.8 | 199.5 | 188.4 | 177.4 | 166.4 | 154.4 | 140.9 | 127.1 | 111.3 |
| -77.5° | 215.7 | 205.0 | 194.6 | 184.9 | 175.7 | 166.2 | 155.9 | 145.0 | 132.9 | 120.5 | 105.8 |
| -80° | 197.4 | 188.2 | 179.7 | 171.3 | 163.2 | 154.9 | 145.2 | 135.6 | 124.6 | 113.5 | 100.1 |
| -82.5° | 179.5 | 171.5 | 164.5 | 157.3 | 150.0 | 142.6 | 134.3 | 126.1 | 116.2 | 106.2 | 94.7 |
| -85° | 162.4 | 155.3 | 149.0 | 142.7 | 136.4 | 130.0 | 123.7 | 117.3 | 108.9 | 100.4 | 89.9 |
| -87.5° | 148.5 | 142.4 | 137.3 | 132.3 | 127.0 | 121.7 | 115.8 | 109.9 | 102.2 | 94.5 | 85.1 |
| -90° | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.5 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| 90° | 71.6 | 60.1 | 48.7 | 35.3 | 21.9 | 12.4 | 3.0 |
| 87.5° | 3.3 | 3.3 | 3.3 | 3.3 | 3.2 | 3.2 | 3.0 |
| 85° | 3.5 | 3.7 | 3.7 | 3.5 | 3.4 | 3.5 | 3.0 |
| 82.5° | 3.8 | 4.0 | 4.0 | 3.8 | 3.5 | 3.7 | 3.0 |
| 80° | 4.1 | 4.3 | 4.4 | 4.0 | 3.7 | 4.0 | 3.0 |
| 77.5° | 4.7 | 4.7 | 4.7 | 4.3 | 3.9 | 4.2 | 3.0 |
| 75° | 5.2 | 5.3 | 5.1 | 4.5 | 4.2 | 4.4 | 3.0 |
| 72.5° | 5.8 | 5.9 | 5.6 | 4.8 | 4.4 | 4.7 | 3.0 |
| 70° | 6.5 | 6.5 | 6.2 | 5.1 | 4.6 | 4.9 | 3.0 |
| 67.5° | 7.7 | 7.1 | 6.8 | 5.7 | 4.9 | 5.2 | 3.0 |
| 65° | 9.0 | 8.1 | 7.4 | 6.3 | 5.2 | 5.4 | 3.0 |
| 62.5° | 10.3 | 9.4 | 8.1 | 6.9 | 5.6 | 5.7 | 3.0 |
| 60° | 11.7 | 10.7 | 8.7 | 7.5 | 5.9 | 6.0 | 3.0 |
| 57.5° | 13.9 | 12.2 | 10.0 | 8.1 | 6.6 | 6.2 | 3.0 |
| 55° | 16.3 | 13.6 | 11.4 | 8.8 | 7.3 | 6.5 | 3.0 |
| 52.5° | 18.6 | 15.2 | 12.8 | 9.4 | 8.0 | 6.8 | 3.0 |
| 50° | 21.0 | 17.4 | 14.3 | 10.1 | 8.7 | 7.0 | 3.0 |
| 47.5° | 23.6 | 19.8 | 15.8 | 10.8 | 9.4 | 7.3 | 3.0 |
| 45° | 27.3 | 22.2 | 17.3 | 12.0 | 10.2 | 7.6 | 3.0 |
| 42.5° | 31.1 | 24.6 | 18.8 | 13.1 | 11.0 | 7.8 | 3.0 |
| 40° | 35.2 | 27.2 | 20.6 | 14.6 | 11.7 | 8.1 | 3.0 |
| 37.5° | 39.7 | 29.8 | 22.6 | 16.3 | 12.5 | 8.4 | 3.0 |
| 35° | 44.3 | 33.1 | 24.6 | 17.9 | 13.4 | 8.7 | 3.0 |
| 32.5° | 50.1 | 36.8 | 26.7 | 19.6 | 14.2 | 8.9 | 3.0 |
| 30° | 58.3 | 40.4 | 28.7 | 21.2 | 15.0 | 9.2 | 3.0 |
| 27.5° | 66.5 | 44.1 | 31.3 | 22.9 | 15.8 | 9.5 | 3.0 |
| 25° | 74.5 | 47.7 | 33.8 | 24.5 | 16.6 | 9.7 | 3.0 |
| 22.5° | 82.3 | 51.4 | 36.4 | 26.1 | 17.4 | 10.0 | 3.0 |
| 20° | 89.8 | 55.1 | 38.9 | 27.7 | 18.2 | 10.3 | 3.0 |
| 17.5° | 96.9 | 58.7 | 41.3 | 29.3 | 19.0 | 10.5 | 3.0 |
| 15° | 103.3 | 62.1 | 43.6 | 30.8 | 19.8 | 10.7 | 3.0 |
| 12.5° | 109.3 | 65.4 | 45.9 | 32.3 | 20.6 | 11.0 | 3.0 |
| 10° | 114.8 | 68.4 | 48.1 | 33.7 | 21.3 | 11.2 | 3.0 |
| 7.5° | 119.7 | 71.2 | 50.2 | 35.1 | 22.0 | 11.4 | 3.0 |
| 5° | 124.1 | 73.9 | 52.1 | 36.4 | 22.7 | 11.6 | 3.0 |
| 2.5° | 128.0 | 76.3 | 54.0 | 37.6 | 23.3 | 11.7 | 3.0 |
| 0° | 131.2 | 78.5 | 55.7 | 38.8 | 23.9 | 11.9 | 3.0 |
| -2.5° | 135.4 | 81.8 | 58.2 | 40.5 | 25.0 | 12.4 | 3.0 |
| -5° | 139.0 | 84.9 | 60.5 | 42.1 | 26.0 | 12.9 | 3.0 |
| -7.5° | 141.9 | 87.7 | 62.7 | 43.7 | 26.9 | 13.3 | 3.0 |
| -10° | 144.1 | 90.3 | 64.7 | 45.1 | 27.8 | 13.7 | 3.0 |
| -12.5° | 145.7 | 92.5 | 66.6 | 46.4 | 28.7 | 14.2 | 3.0 |
| -15° | 146.5 | 94.6 | 68.3 | 47.6 | 29.5 | 14.5 | 3.0 |
| -17.5° | 146.6 | 96.3 | 69.8 | 48.7 | 30.2 | 14.9 | 3.0 |
| -20° | 146.1 | 97.7 | 71.1 | 49.7 | 30.9 | 15.2 | 3.0 |



REPORT NUMBER: P1306144 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-3S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|-----|
| -22.5° | 144.9 | 98.8 | 72.3 | 50.6 | 31.5 | 15.5 | 3.0 |
| -25° | 143.0 | 99.8 | 73.2 | 51.3 | 32.0 | 15.8 | 3.0 |
| -27.5° | 140.4 | 100.6 | 74.0 | 51.9 | 32.5 | 16.1 | 3.0 |
| -30° | 136.9 | 101.2 | 74.5 | 52.4 | 32.8 | 16.3 | 3.0 |
| -32.5° | 132.7 | 101.4 | 75.3 | 52.7 | 33.2 | 16.5 | 3.0 |
| -35° | 131.2 | 101.3 | 75.8 | 52.9 | 33.4 | 16.7 | 3.0 |
| -37.5° | 130.8 | 101.3 | 76.2 | 52.9 | 33.6 | 16.8 | 3.0 |
| -40° | 130.0 | 101.5 | 76.3 | 52.9 | 33.7 | 16.9 | 3.0 |
| -42.5° | 128.9 | 101.4 | 76.3 | 52.7 | 33.7 | 16.9 | 3.0 |
| -45° | 127.3 | 101.1 | 76.3 | 52.7 | 33.6 | 17.0 | 3.0 |
| -47.5° | 125.3 | 100.6 | 75.9 | 52.5 | 33.5 | 17.0 | 3.0 |
| -50° | 123.8 | 99.8 | 75.4 | 52.3 | 33.3 | 16.9 | 3.0 |
| -52.5° | 122.3 | 98.8 | 74.7 | 52.1 | 33.0 | 16.9 | 3.0 |
| -55° | 120.3 | 97.3 | 73.7 | 51.8 | 32.7 | 16.8 | 3.0 |
| -57.5° | 118.1 | 95.6 | 72.6 | 51.3 | 32.2 | 16.7 | 3.0 |
| -60° | 115.5 | 93.6 | 71.3 | 50.7 | 31.7 | 16.5 | 3.0 |
| -62.5° | 112.8 | 91.4 | 70.2 | 49.9 | 31.3 | 16.3 | 3.0 |
| -65° | 109.8 | 89.0 | 68.9 | 49.1 | 30.7 | 16.1 | 3.0 |
| -67.5° | 106.6 | 86.6 | 67.5 | 48.1 | 30.1 | 15.8 | 3.0 |
| -70° | 103.1 | 84.1 | 65.9 | 47.0 | 29.4 | 15.6 | 3.0 |
| -72.5° | 99.5 | 81.4 | 64.1 | 45.8 | 28.7 | 15.3 | 3.0 |
| -75° | 95.6 | 78.6 | 62.2 | 44.6 | 27.9 | 14.9 | 3.0 |
| -77.5° | 91.4 | 75.5 | 60.2 | 43.3 | 27.0 | 14.6 | 3.0 |
| -80° | 87.1 | 72.5 | 58.2 | 41.9 | 26.1 | 14.2 | 3.0 |
| -82.5° | 83.3 | 69.6 | 56.0 | 40.4 | 25.1 | 13.8 | 3.0 |
| -85° | 79.6 | 66.6 | 53.7 | 38.8 | 24.1 | 13.4 | 3.0 |
| -87.5° | 75.7 | 63.4 | 51.2 | 37.1 | 23.0 | 12.9 | 3.0 |
| -90° | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |

(END OF REPORT)