

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: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680R-40-80-4S-VHE-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680R-40-80-4S-VHE-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

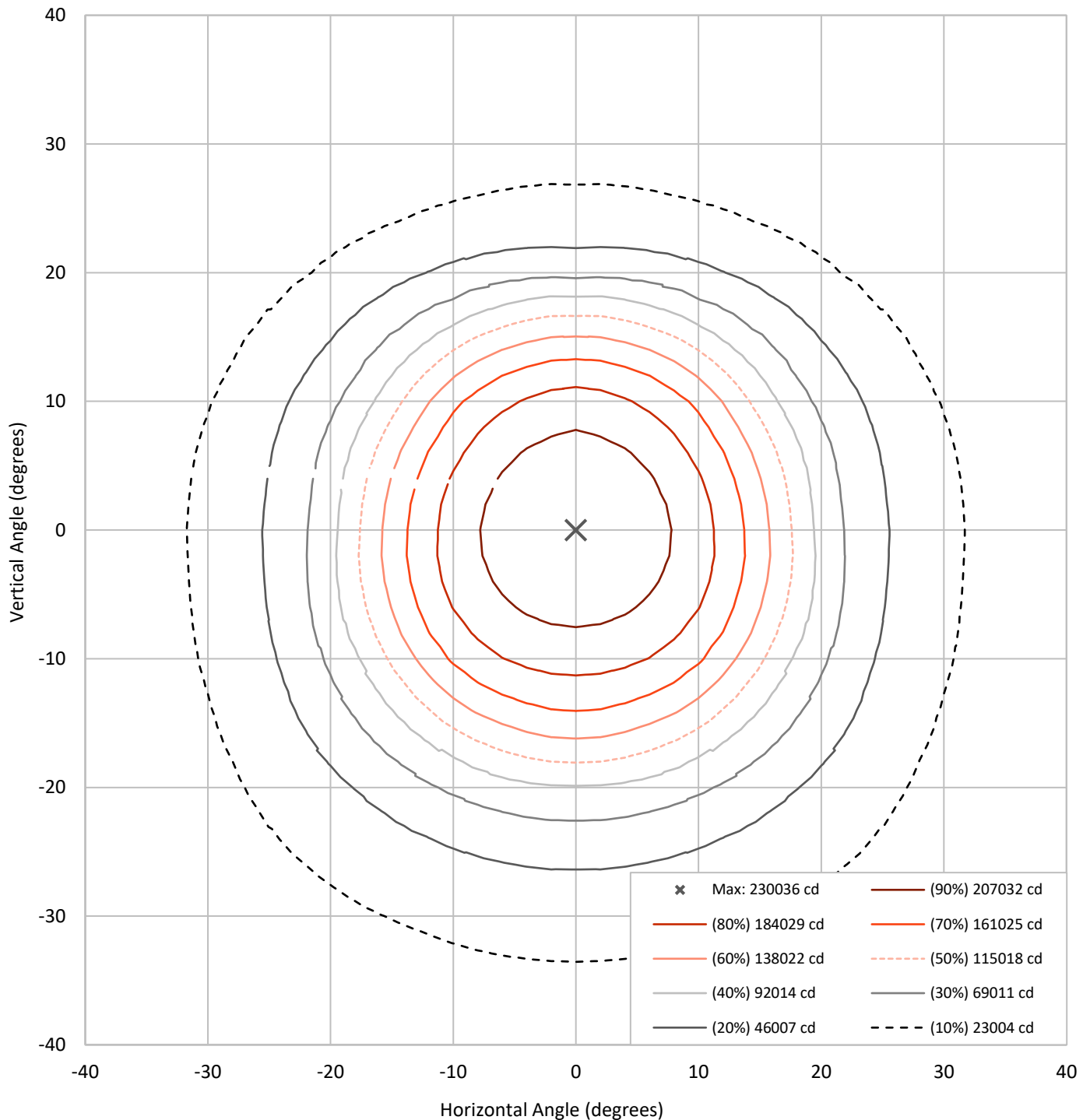
| | | | |
|-------------------|--------------------------------------|----------------------|----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 95423.5 lumens | Max Intensity: | 230036 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 138.7 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |

| | | | |
|-------------------|-----------------|--------------------|-----------------|
| Beam Angle (50%): | 35.2°H x 34.7°V | Field Angle (10%): | 63.4°H x 60.3°V |
| Beam Lumens: | 51216.7 lumens | Field Lumens: | 83344.8 lumens |
| Beam Efficiency: | 53.7% | Field Efficiency: | 87.3% |

Input Watts (W): 688
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: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

Iso-Candela Plot





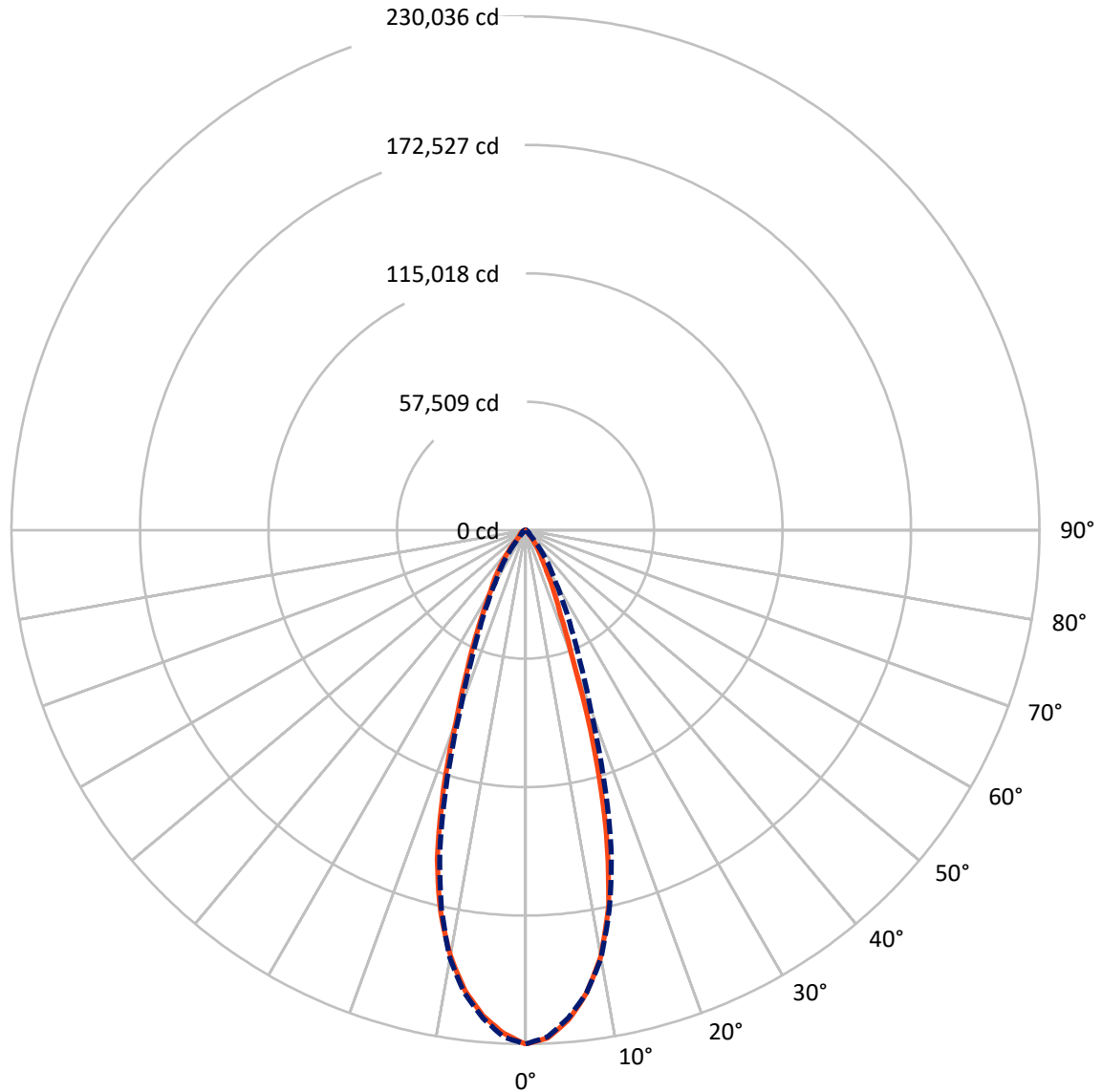
REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

Lumen Table

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|------|------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|-----|-----|----|----|----|
| 90 | 0.3 | 1.0 | | 1.8 | | 2.5 | | 2.8 | | 2.5 | | 1.8 | | 1.0 | | 0.3 | | | |
| 80 | 0.3 | 1.0 | | 1.8 | | 2.5 | | 2.8 | | 2.5 | | 1.8 | | 1.0 | | 0.3 | | | |
| 70 | 0.3 | 0.2 | 0.3 | 0.6 | 0.8 | 0.7 | 0.7 | 0.8 | 0.8 | 0.7 | 0.7 | 0.8 | 0.6 | 0.3 | 0.2 | 0.3 | | | |
| 60 | | 0.4 | 0.8 | 1.3 | 1.3 | 0.9 | 1.2 | 1.3 | 1.3 | 1.2 | 0.9 | 1.3 | 1.3 | 0.8 | 0.4 | | | | |
| 50 | 0.9 | 1.2 | 2.7 | 5.5 | 10.0 | 15.8 | 23.2 | 29.9 | 29.9 | 23.2 | 15.8 | 10.0 | 5.5 | 2.7 | 1.2 | 0.9 | | | |
| 40 | | 2.9 | 9.1 | 17.3 | 28.5 | 65.9 | 147.3 | 238.6 | 238.6 | 147.3 | 65.9 | 28.5 | 17.3 | 9.1 | 2.9 | | | | |
| 30 | 2.1 | 5.0 | 15.1 | 29.3 | 92.1 | 283.3 | 618.2 | 937.4 | 937.4 | 618.2 | 283.3 | 92.1 | 29.3 | 15.1 | 5.0 | 2.1 | | | |
| 20 | | 6.8 | 19.9 | 47.0 | 239.7 | 794.9 | 2123.9 | 3774.1 | 3774.1 | 2123.9 | 794.9 | 239.7 | 47.0 | 19.9 | 6.8 | | | | |
| 10 | 3.1 | 8.3 | 23.3 | 65.1 | 375.2 | 1304.7 | 3861.7 | 6183.8 | 6183.8 | 3861.7 | 1304.7 | 375.2 | 65.1 | 23.3 | 8.3 | 3.1 | | | |
| 0 | | 9.3 | 25.9 | 72.8 | 402.1 | 1370.3 | 4048.5 | 6232.7 | 6232.7 | 4048.5 | 1370.3 | 402.1 | 72.8 | 25.9 | 9.3 | | | | |
| -10 | 3.5 | 9.5 | 27.4 | 67.0 | 320.9 | 1012.3 | 2548.4 | 4186.8 | 4186.8 | 2548.4 | 1012.3 | 320.9 | 67.0 | 27.4 | 9.5 | 3.5 | | | |
| -20 | | 8.9 | 27.2 | 57.4 | 176.6 | 562.2 | 1103.8 | 1593.9 | 1593.9 | 1103.8 | 562.2 | 176.6 | 57.4 | 27.2 | 8.9 | | | | |
| -30 | 3.3 | 7.6 | 24.5 | 48.1 | 84.8 | 208.6 | 420.3 | 581.0 | 581.0 | 420.3 | 208.6 | 84.8 | 48.1 | 24.5 | 7.6 | 3.3 | | | |
| -40 | | 5.9 | 18.4 | 38.5 | 60.6 | 84.2 | 114.8 | 147.0 | 147.0 | 114.8 | 84.2 | 60.6 | 38.5 | 18.4 | 5.9 | | | | |
| -50 | 2.8 | 4.4 | 11.5 | 25.0 | 43.1 | 58.2 | 70.3 | 78.8 | 78.8 | 70.3 | 58.2 | 43.1 | 25.0 | 11.5 | 4.4 | 2.8 | | | |
| -60 | | 3.3 | 6.7 | 12.7 | 21.7 | 30.7 | 39.0 | 44.6 | 44.6 | 39.0 | 30.7 | 21.7 | 12.7 | 6.7 | 3.3 | | | | |
| -70 | 2.1 | 12.1 | | 27.2 | | 44.1 | | 54.1 | | 44.1 | | 27.2 | | 12.1 | | 2.1 | | | |
| -80 | | 12.1 | | 27.2 | | 44.1 | | 54.1 | | 44.1 | | 27.2 | | 12.1 | | | | | |
| -90 | 2.1 | 12.1 | | 27.2 | | 44.1 | | 54.1 | | 44.1 | | 27.2 | | 12.1 | | 2.1 | | | |
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |

REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

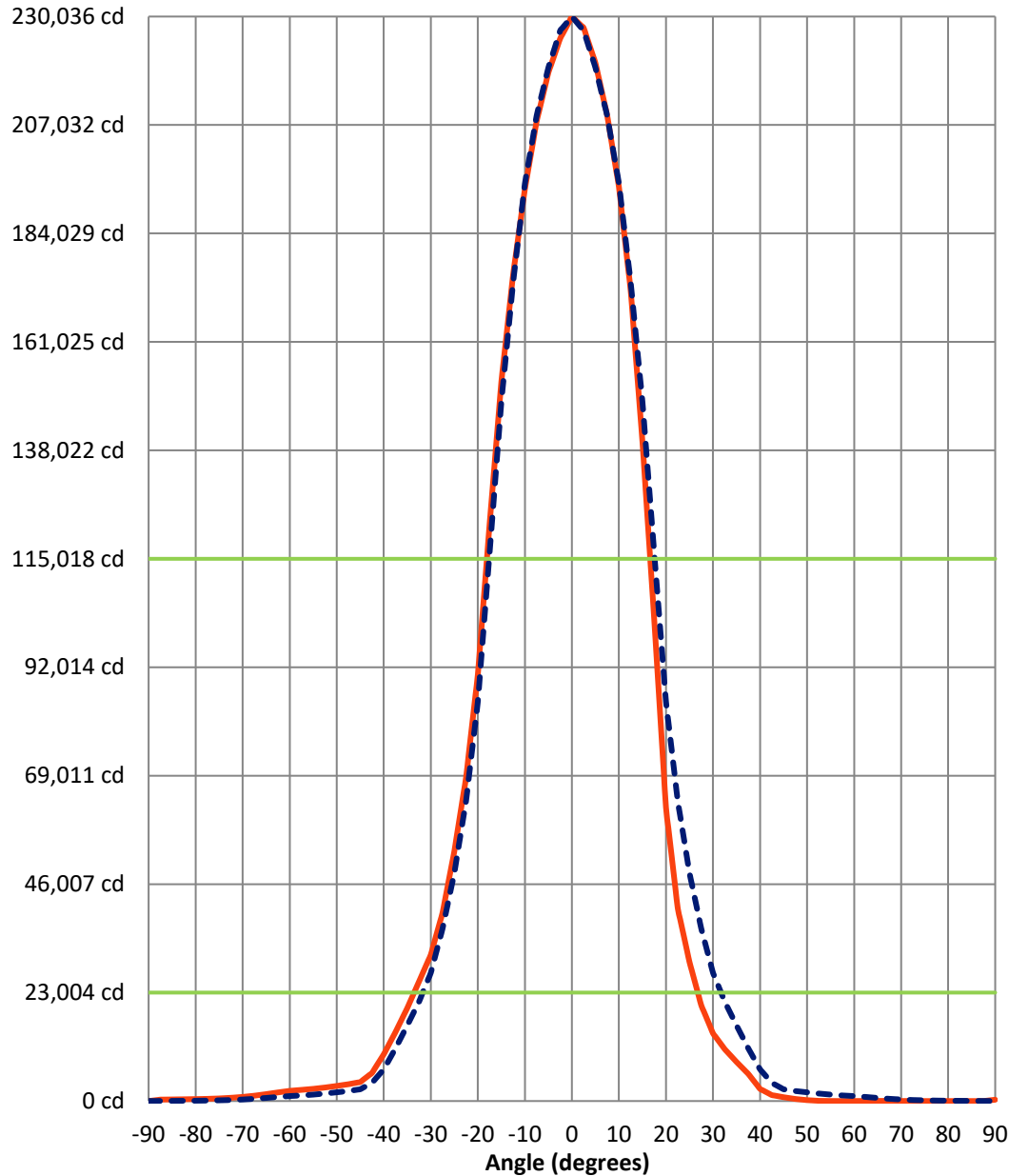
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 35.2°
V Angle: 34.7°
Lumens: 51216.7
Efficiency: 53.7%

Field:
H Angle: 63.4°
V Angle: 60.3°
Lumens: 83344.8
Efficiency: 87.3%

Spill:
Lumens: 12078.7
Efficiency: 12.7%

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



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| 90° | 10.2 | 19.3 | 28.5 | 46.7 | 64.9 | 81.4 | 97.9 | 111.0 | 124.0 | 132.6 | 141.1 |
| 87.5° | 10.2 | 9.3 | 8.2 | 8.3 | 8.4 | 8.4 | 8.3 | 7.7 | 7.2 | 7.3 | 7.3 |
| 85° | 10.2 | 9.5 | 8.4 | 8.6 | 8.8 | 8.7 | 8.6 | 8.1 | 7.6 | 7.7 | 7.8 |
| 82.5° | 10.2 | 9.7 | 8.6 | 8.9 | 9.1 | 9.1 | 8.9 | 8.5 | 8.1 | 8.2 | 8.3 |
| 80° | 10.2 | 9.9 | 8.8 | 9.1 | 9.5 | 9.5 | 9.2 | 9.0 | 8.9 | 8.9 | 8.8 |
| 77.5° | 10.2 | 10.1 | 9.1 | 9.4 | 9.9 | 9.9 | 9.8 | 9.7 | 9.6 | 9.6 | 9.2 |
| 75° | 10.2 | 10.3 | 9.3 | 9.7 | 10.3 | 10.4 | 10.4 | 10.4 | 10.4 | 10.0 | 9.4 |
| 72.5° | 10.2 | 10.6 | 9.6 | 10.0 | 10.7 | 10.9 | 11.1 | 11.1 | 10.9 | 10.4 | 9.6 |
| 70° | 10.2 | 10.8 | 9.8 | 10.3 | 11.1 | 11.4 | 11.7 | 11.8 | 11.5 | 10.8 | 10.5 |
| 67.5° | 10.2 | 11.0 | 10.1 | 10.7 | 11.6 | 11.9 | 12.5 | 12.4 | 12.1 | 11.8 | 11.5 |
| 65° | 10.2 | 11.2 | 10.4 | 11.2 | 12.1 | 12.7 | 13.3 | 13.1 | 13.5 | 12.8 | 13.0 |
| 62.5° | 10.2 | 11.4 | 10.8 | 11.7 | 12.6 | 13.7 | 14.3 | 14.6 | 15.0 | 14.3 | 15.4 |
| 60° | 10.2 | 11.7 | 11.1 | 12.1 | 13.1 | 14.8 | 15.3 | 16.6 | 16.8 | 18.0 | 18.4 |
| 57.5° | 10.2 | 11.9 | 11.7 | 12.6 | 14.3 | 15.9 | 17.5 | 18.8 | 20.9 | 22.4 | 24.9 |
| 55° | 10.2 | 12.2 | 12.4 | 13.1 | 15.5 | 17.1 | 19.9 | 21.2 | 26.0 | 28.3 | 33.3 |
| 52.5° | 10.2 | 12.4 | 13.1 | 13.6 | 16.9 | 18.6 | 22.4 | 26.3 | 31.4 | 38.2 | 42.5 |
| 50° | 10.2 | 12.6 | 13.9 | 14.1 | 18.3 | 21.1 | 25.0 | 31.8 | 38.4 | 48.7 | 55.1 |
| 47.5° | 10.2 | 12.9 | 14.7 | 14.8 | 19.7 | 23.8 | 28.1 | 37.5 | 48.9 | 60.0 | 69.3 |
| 45° | 10.2 | 13.1 | 15.5 | 16.0 | 21.2 | 26.7 | 33.3 | 43.5 | 59.9 | 74.0 | 84.5 |
| 42.5° | 10.2 | 13.4 | 16.3 | 17.1 | 22.8 | 29.6 | 38.6 | 52.0 | 71.4 | 88.6 | 109.0 |
| 40° | 10.2 | 13.6 | 17.2 | 18.8 | 24.8 | 32.6 | 44.1 | 62.3 | 84.1 | 103.9 | 137.3 |
| 37.5° | 10.2 | 13.9 | 18.2 | 20.8 | 27.2 | 35.8 | 49.9 | 72.8 | 98.7 | 123.9 | 168.0 |
| 35° | 10.2 | 14.1 | 19.1 | 22.8 | 29.6 | 40.0 | 55.8 | 83.6 | 113.9 | 152.3 | 205.1 |
| 32.5° | 10.2 | 14.4 | 20.1 | 24.9 | 32.0 | 44.6 | 62.5 | 94.3 | 129.7 | 181.4 | 247.6 |
| 30° | 10.2 | 14.6 | 21.1 | 26.9 | 34.5 | 49.2 | 71.2 | 105.3 | 146.0 | 211.0 | 288.0 |
| 27.5° | 10.2 | 14.8 | 22.2 | 29.0 | 37.8 | 53.7 | 79.6 | 117.2 | 163.8 | 241.1 | 326.4 |
| 25° | 10.2 | 15.1 | 23.2 | 31.1 | 41.1 | 58.1 | 87.8 | 128.7 | 184.4 | 272.4 | 362.8 |
| 22.5° | 10.2 | 15.3 | 24.3 | 33.1 | 44.4 | 62.7 | 95.7 | 139.5 | 203.7 | 296.7 | 400.1 |
| 20° | 10.2 | 15.6 | 25.3 | 35.2 | 47.6 | 67.9 | 103.3 | 149.8 | 221.6 | 319.5 | 430.3 |
| 17.5° | 10.2 | 15.8 | 26.4 | 37.2 | 50.7 | 72.9 | 111.1 | 159.4 | 238.1 | 340.5 | 458.5 |
| 15° | 10.2 | 16.0 | 27.4 | 39.2 | 53.8 | 77.8 | 118.9 | 169.0 | 253.1 | 359.8 | 485.0 |
| 12.5° | 10.2 | 16.2 | 28.4 | 41.2 | 56.7 | 82.5 | 126.2 | 178.8 | 268.2 | 377.3 | 509.6 |
| 10° | 10.2 | 16.4 | 29.4 | 43.1 | 59.5 | 87.0 | 133.0 | 188.0 | 283.1 | 399.9 | 536.7 |
| 7.5° | 10.2 | 16.6 | 30.4 | 45.0 | 62.2 | 91.2 | 139.3 | 196.5 | 296.6 | 422.2 | 571.4 |
| 5° | 10.2 | 16.8 | 31.3 | 46.8 | 64.7 | 95.2 | 145.1 | 204.2 | 308.6 | 442.9 | 604.1 |
| 2.5° | 10.2 | 16.9 | 32.2 | 48.5 | 67.1 | 99.0 | 150.2 | 211.2 | 319.0 | 461.6 | 634.2 |
| 0° | 10.2 | 17.1 | 33.0 | 50.1 | 69.4 | 102.4 | 154.8 | 217.4 | 327.7 | 478.0 | 661.2 |
| -2.5° | 10.2 | 17.7 | 34.3 | 52.2 | 72.6 | 106.5 | 160.1 | 224.8 | 339.2 | 491.5 | 674.7 |
| -5° | 10.2 | 18.3 | 35.5 | 54.2 | 75.7 | 110.3 | 164.8 | 231.4 | 348.8 | 502.2 | 684.6 |
| -7.5° | 10.2 | 18.9 | 36.6 | 56.1 | 78.6 | 113.8 | 168.8 | 236.9 | 356.3 | 510.0 | 690.8 |
| -10° | 10.2 | 19.4 | 37.7 | 57.9 | 81.3 | 116.9 | 172.2 | 241.3 | 361.5 | 514.9 | 693.5 |
| -12.5° | 10.2 | 20.0 | 38.7 | 59.6 | 83.8 | 119.6 | 174.8 | 244.7 | 364.2 | 516.8 | 696.5 |
| -15° | 10.2 | 20.5 | 39.6 | 61.1 | 86.1 | 122.0 | 176.7 | 246.9 | 363.7 | 514.5 | 696.4 |
| -17.5° | 10.2 | 21.0 | 40.4 | 62.5 | 88.1 | 124.0 | 177.8 | 248.3 | 360.2 | 508.8 | 690.5 |
| -20° | 10.2 | 21.4 | 41.2 | 63.7 | 89.9 | 125.6 | 178.7 | 249.0 | 354.5 | 499.6 | 678.6 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|-------|
| -22.5° | 10.2 | 21.9 | 41.9 | 64.8 | 91.4 | 126.8 | 179.6 | 248.6 | 346.6 | 486.9 | 660.9 |
| -25° | 10.2 | 22.3 | 42.5 | 65.7 | 92.7 | 128.3 | 179.6 | 247.2 | 336.5 | 470.5 | 642.4 |
| -27.5° | 10.2 | 22.6 | 43.0 | 66.4 | 93.7 | 129.6 | 178.8 | 244.6 | 324.4 | 456.4 | 626.6 |
| -30° | 10.2 | 22.9 | 43.4 | 67.0 | 94.4 | 130.5 | 177.3 | 241.0 | 317.1 | 443.4 | 606.0 |
| -32.5° | 10.2 | 23.2 | 43.7 | 67.4 | 95.7 | 130.9 | 174.8 | 237.9 | 312.8 | 427.0 | 580.1 |
| -35° | 10.2 | 23.5 | 44.0 | 67.7 | 96.7 | 130.9 | 173.9 | 234.3 | 306.9 | 407.1 | 548.9 |
| -37.5° | 10.2 | 23.7 | 44.2 | 67.8 | 97.4 | 130.9 | 173.4 | 229.5 | 299.1 | 383.8 | 519.1 |
| -40° | 10.2 | 23.9 | 44.2 | 67.7 | 97.8 | 131.5 | 172.3 | 223.5 | 289.6 | 368.8 | 489.9 |
| -42.5° | 10.2 | 24.0 | 44.2 | 67.6 | 98.2 | 131.7 | 170.5 | 216.2 | 280.4 | 356.5 | 457.4 |
| -45° | 10.2 | 24.1 | 44.1 | 67.7 | 98.4 | 131.6 | 167.9 | 210.1 | 270.6 | 341.8 | 424.3 |
| -47.5° | 10.2 | 24.1 | 43.9 | 67.7 | 98.2 | 131.1 | 164.8 | 206.4 | 259.3 | 325.0 | 405.0 |
| -50° | 10.2 | 24.1 | 43.7 | 67.7 | 97.9 | 130.3 | 163.2 | 202.0 | 246.3 | 309.9 | 383.0 |
| -52.5° | 10.2 | 24.1 | 43.3 | 67.6 | 97.2 | 129.1 | 161.4 | 197.0 | 237.7 | 293.0 | 357.6 |
| -55° | 10.2 | 24.0 | 42.9 | 67.3 | 96.2 | 127.5 | 159.2 | 191.7 | 230.6 | 274.3 | 333.3 |
| -57.5° | 10.2 | 23.9 | 42.3 | 66.8 | 95.0 | 125.6 | 156.7 | 188.6 | 222.6 | 262.3 | 307.3 |
| -60° | 10.2 | 23.8 | 41.7 | 66.1 | 93.5 | 123.3 | 153.7 | 184.7 | 214.5 | 251.7 | 284.1 |
| -62.5° | 10.2 | 23.6 | 41.1 | 65.3 | 92.2 | 120.7 | 150.3 | 180.1 | 208.7 | 239.6 | 269.3 |
| -65° | 10.2 | 23.3 | 40.4 | 64.3 | 90.7 | 117.7 | 146.5 | 175.0 | 202.4 | 229.7 | 254.0 |
| -67.5° | 10.2 | 23.1 | 39.5 | 63.2 | 88.9 | 114.7 | 142.2 | 169.2 | 195.4 | 220.3 | 241.9 |
| -70° | 10.2 | 22.8 | 38.6 | 61.8 | 86.9 | 111.6 | 137.5 | 163.1 | 188.1 | 210.6 | 230.9 |
| -72.5° | 10.2 | 22.4 | 37.6 | 60.4 | 84.7 | 108.2 | 132.8 | 156.6 | 180.4 | 200.8 | 219.6 |
| -75° | 10.2 | 22.1 | 36.5 | 58.8 | 82.2 | 104.5 | 127.7 | 149.9 | 172.2 | 190.6 | 207.8 |
| -77.5° | 10.2 | 21.7 | 35.3 | 57.1 | 79.7 | 100.5 | 122.3 | 142.8 | 163.7 | 180.1 | 195.7 |
| -80° | 10.2 | 21.3 | 34.1 | 55.3 | 77.1 | 96.8 | 116.6 | 135.5 | 154.7 | 169.4 | 183.6 |
| -82.5° | 10.2 | 20.8 | 32.8 | 53.3 | 74.3 | 93.2 | 112.0 | 128.6 | 145.5 | 158.5 | 171.3 |
| -85° | 10.2 | 20.4 | 31.4 | 51.2 | 71.3 | 89.4 | 107.5 | 122.9 | 138.4 | 149.3 | 160.0 |
| -87.5° | 10.2 | 19.9 | 30.0 | 49.0 | 68.2 | 85.5 | 102.8 | 117.0 | 131.3 | 141.0 | 150.7 |
| -90° | 10.2 | 9.1 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.4 | 6.8 | 6.8 | 6.8 |



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 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| 90° | 147.4 | 153.6 | 159.3 | 165.0 | 171.9 | 178.7 | 185.5 | 192.3 | 199.7 | 207.1 | 214.5 |
| 87.5° | 6.8 | 6.3 | 6.3 | 6.3 | 5.8 | 5.3 | 5.0 | 4.6 | 4.6 | 4.6 | 4.5 |
| 85° | 7.3 | 6.8 | 6.8 | 6.8 | 6.4 | 6.0 | 5.6 | 5.1 | 5.1 | 5.2 | 4.9 |
| 82.5° | 7.9 | 7.4 | 7.2 | 6.8 | 6.7 | 6.7 | 6.3 | 5.9 | 5.8 | 5.7 | 5.4 |
| 80° | 8.4 | 8.1 | 7.6 | 7.2 | 7.1 | 6.9 | 6.7 | 6.6 | 6.3 | 5.9 | 5.8 |
| 77.5° | 8.7 | 8.1 | 7.9 | 7.8 | 7.6 | 7.0 | 6.8 | 6.8 | 6.7 | 6.6 | 6.4 |
| 75° | 8.7 | 8.2 | 8.1 | 8.1 | 7.6 | 7.0 | 6.8 | 7.1 | 7.1 | 6.9 | 6.7 |
| 72.5° | 9.2 | 8.9 | 8.6 | 8.3 | 8.0 | 7.7 | 7.6 | 7.9 | 8.5 | 9.1 | 9.6 |
| 70° | 10.2 | 9.7 | 9.4 | 9.2 | 8.7 | 8.7 | 9.7 | 11.6 | 13.4 | 14.2 | 16.1 |
| 67.5° | 11.2 | 10.9 | 10.6 | 10.3 | 10.4 | 11.3 | 12.6 | 16.8 | 20.4 | 22.9 | 25.6 |
| 65° | 12.4 | 12.2 | 12.2 | 12.4 | 12.5 | 16.0 | 19.7 | 23.9 | 30.3 | 33.9 | 34.0 |
| 62.5° | 13.9 | 15.7 | 14.9 | 15.9 | 19.2 | 22.8 | 28.6 | 36.0 | 44.1 | 47.4 | 45.3 |
| 60° | 19.7 | 20.6 | 21.0 | 23.5 | 26.7 | 30.7 | 38.6 | 47.7 | 57.1 | 62.7 | 54.3 |
| 57.5° | 27.1 | 28.3 | 30.4 | 31.9 | 35.5 | 37.8 | 47.2 | 58.2 | 64.3 | 67.9 | 58.4 |
| 55° | 36.4 | 38.2 | 41.3 | 42.0 | 45.0 | 46.0 | 53.8 | 61.4 | 66.5 | 67.7 | 57.4 |
| 52.5° | 48.2 | 50.2 | 54.8 | 55.5 | 55.6 | 56.6 | 57.7 | 66.1 | 70.2 | 69.0 | 59.5 |
| 50° | 60.9 | 67.9 | 70.4 | 73.0 | 69.7 | 71.1 | 67.3 | 76.9 | 85.1 | 82.9 | 85.7 |
| 47.5° | 79.7 | 88.5 | 92.1 | 96.8 | 94.4 | 102.1 | 99.3 | 117.7 | 124.1 | 160.9 | 169.1 |
| 45° | 102.3 | 117.9 | 122.7 | 133.6 | 144.5 | 153.6 | 183.2 | 185.6 | 263.2 | 295.6 | 356.6 |
| 42.5° | 129.5 | 153.9 | 173.8 | 177.8 | 230.6 | 258.7 | 299.9 | 367.7 | 435.8 | 498.1 | 539.6 |
| 40° | 169.7 | 195.1 | 237.6 | 287.2 | 343.3 | 403.8 | 458.8 | 537.5 | 603.4 | 652.4 | 681.8 |
| 37.5° | 215.7 | 263.8 | 321.8 | 411.2 | 487.0 | 548.8 | 611.2 | 679.2 | 741.2 | 784.4 | 840.5 |
| 35° | 266.0 | 336.1 | 443.7 | 536.7 | 618.1 | 676.3 | 737.2 | 809.3 | 867.9 | 937.4 | 1006.7 |
| 32.5° | 327.1 | 410.0 | 544.8 | 645.4 | 711.5 | 780.3 | 850.6 | 926.5 | 1010.4 | 1096.0 | 1184.7 |
| 30° | 387.5 | 493.2 | 625.0 | 729.5 | 793.5 | 873.6 | 959.1 | 1048.0 | 1158.2 | 1266.0 | 1385.8 |
| 27.5° | 435.1 | 564.6 | 690.0 | 798.0 | 872.5 | 967.4 | 1071.7 | 1187.8 | 1318.6 | 1450.6 | 1609.7 |
| 25° | 477.5 | 617.7 | 755.5 | 869.9 | 964.6 | 1069.8 | 1192.3 | 1331.7 | 1487.4 | 1672.9 | 2173.6 |
| 22.5° | 518.9 | 669.4 | 827.8 | 947.0 | 1053.5 | 1172.3 | 1320.1 | 1482.7 | 1665.9 | 1912.5 | 2798.1 |
| 20° | 561.5 | 728.0 | 897.0 | 1011.1 | 1134.6 | 1267.8 | 1441.0 | 1629.6 | 1856.7 | 2439.2 | 3745.5 |
| 17.5° | 605.2 | 788.5 | 955.9 | 1067.4 | 1197.5 | 1359.9 | 1561.3 | 1774.0 | 2050.9 | 2932.4 | 4932.0 |
| 15° | 647.8 | 845.5 | 1003.2 | 1117.2 | 1260.6 | 1449.6 | 1674.5 | 1935.2 | 2394.6 | 3620.8 | 6120.8 |
| 12.5° | 688.6 | 896.6 | 1038.3 | 1160.0 | 1322.9 | 1534.2 | 1779.6 | 2072.2 | 2798.5 | 4549.7 | 7417.5 |
| 10° | 727.0 | 942.0 | 1068.8 | 1200.9 | 1383.8 | 1613.7 | 1873.7 | 2192.7 | 3151.2 | 5292.1 | 8444.1 |
| 7.5° | 768.5 | 980.8 | 1096.4 | 1239.6 | 1439.9 | 1686.3 | 1951.2 | 2285.5 | 3413.9 | 5861.3 | 9206.6 |
| 5° | 806.2 | 1012.4 | 1128.3 | 1285.1 | 1495.6 | 1751.9 | 2017.6 | 2363.2 | 3593.2 | 6222.0 | 9735.8 |
| 2.5° | 839.1 | 1037.6 | 1158.0 | 1328.2 | 1548.0 | 1809.4 | 2077.7 | 2441.0 | 3753.1 | 6527.1 | 10405.5 |
| 0° | 867.2 | 1057.2 | 1184.7 | 1366.7 | 1593.2 | 1857.2 | 2126.9 | 2503.6 | 3860.1 | 6732.5 | 11182.1 |
| -2.5° | 884.4 | 1086.5 | 1229.1 | 1407.1 | 1630.5 | 1891.1 | 2171.4 | 2570.6 | 3968.5 | 7176.4 | 11477.9 |
| -5° | 896.7 | 1110.2 | 1268.9 | 1442.5 | 1660.8 | 1915.9 | 2204.0 | 2618.0 | 4015.1 | 7298.5 | 11391.7 |
| -7.5° | 903.9 | 1127.4 | 1303.0 | 1473.4 | 1687.8 | 1944.7 | 2255.3 | 2681.4 | 4036.2 | 6997.6 | 10903.6 |
| -10° | 907.6 | 1141.9 | 1325.4 | 1498.9 | 1712.8 | 1971.2 | 2295.3 | 2722.3 | 3949.5 | 6591.4 | 10341.9 |
| -12.5° | 917.4 | 1154.2 | 1343.2 | 1517.9 | 1729.5 | 1990.2 | 2326.5 | 2753.1 | 3752.0 | 6033.4 | 9569.9 |
| -15° | 919.9 | 1160.6 | 1358.0 | 1530.9 | 1746.9 | 2018.1 | 2350.1 | 2758.4 | 3466.8 | 5312.3 | 8584.3 |
| -17.5° | 914.8 | 1160.9 | 1368.4 | 1541.0 | 1755.6 | 2028.8 | 2357.6 | 2743.3 | 3253.7 | 4788.3 | 7592.7 |
| -20° | 901.5 | 1147.3 | 1371.6 | 1542.0 | 1752.3 | 2033.1 | 2361.3 | 2736.8 | 3201.7 | 4252.6 | 6390.1 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 879.9 | 1125.8 | 1360.5 | 1540.4 | 1763.7 | 2035.0 | 2350.4 | 2696.3 | 3089.0 | 3606.4 | 5193.0 |
| -25° | 856.6 | 1095.4 | 1331.7 | 1545.8 | 1765.8 | 2025.5 | 2304.4 | 2622.0 | 2984.7 | 3389.3 | 4338.8 |
| -27.5° | 831.6 | 1059.8 | 1302.0 | 1539.0 | 1755.1 | 1990.0 | 2249.0 | 2546.7 | 2845.4 | 3172.2 | 3576.6 |
| -30° | 801.2 | 1021.2 | 1262.4 | 1514.0 | 1729.6 | 1949.1 | 2187.9 | 2428.6 | 2696.3 | 2990.5 | 3333.0 |
| -32.5° | 764.9 | 975.8 | 1213.3 | 1461.9 | 1695.9 | 1901.6 | 2101.3 | 2317.4 | 2556.3 | 2815.7 | 3099.0 |
| -35° | 725.4 | 929.7 | 1155.6 | 1398.4 | 1654.7 | 1843.6 | 2017.2 | 2204.1 | 2415.7 | 2652.7 | 2915.9 |
| -37.5° | 685.5 | 876.6 | 1088.0 | 1324.7 | 1574.0 | 1771.8 | 1928.1 | 2102.5 | 2288.9 | 2491.8 | 2736.5 |
| -40° | 640.1 | 815.4 | 1017.5 | 1241.2 | 1462.3 | 1676.0 | 1847.8 | 2005.9 | 2169.7 | 2355.3 | 2555.2 |
| -42.5° | 591.1 | 755.8 | 940.3 | 1143.0 | 1343.8 | 1547.6 | 1762.8 | 1918.1 | 2064.7 | 2222.3 | 2397.5 |
| -45° | 550.3 | 690.0 | 856.9 | 1037.2 | 1218.1 | 1415.5 | 1623.1 | 1830.8 | 1964.6 | 2101.1 | 2250.3 |
| -47.5° | 502.9 | 623.3 | 775.9 | 926.1 | 1093.1 | 1279.2 | 1475.9 | 1668.5 | 1858.4 | 1991.2 | 2116.8 |
| -50° | 457.8 | 566.8 | 683.4 | 821.6 | 970.4 | 1142.1 | 1322.3 | 1498.4 | 1676.5 | 1856.3 | 1999.6 |
| -52.5° | 426.7 | 506.2 | 607.4 | 716.6 | 854.2 | 1006.0 | 1164.0 | 1320.9 | 1488.1 | 1659.7 | 1824.9 |
| -55° | 393.2 | 461.3 | 533.4 | 626.2 | 739.4 | 874.7 | 1006.1 | 1146.7 | 1290.4 | 1448.6 | 1609.5 |
| -57.5° | 361.3 | 417.7 | 474.3 | 544.8 | 640.1 | 743.4 | 858.6 | 974.1 | 1104.3 | 1236.8 | 1374.5 |
| -60° | 329.6 | 375.9 | 424.0 | 480.2 | 545.8 | 633.0 | 716.4 | 817.0 | 925.1 | 1034.1 | 1156.6 |
| -62.5° | 299.3 | 337.1 | 377.1 | 424.6 | 479.5 | 530.9 | 599.8 | 677.8 | 755.9 | 852.4 | 951.6 |
| -65° | 281.5 | 302.5 | 334.0 | 375.2 | 417.9 | 463.4 | 508.2 | 555.9 | 623.8 | 695.8 | 766.3 |
| -67.5° | 262.6 | 282.0 | 301.6 | 327.0 | 364.5 | 400.0 | 436.0 | 478.0 | 521.3 | 567.9 | 619.2 |
| -70° | 248.5 | 262.0 | 279.4 | 299.4 | 318.9 | 340.4 | 372.5 | 405.9 | 439.2 | 475.5 | 515.7 |
| -72.5° | 235.1 | 247.7 | 260.7 | 274.8 | 291.9 | 308.3 | 325.1 | 343.1 | 369.4 | 401.3 | 431.2 |
| -75° | 221.6 | 233.2 | 245.1 | 257.4 | 270.2 | 282.7 | 296.0 | 312.2 | 330.3 | 349.8 | 368.1 |
| -77.5° | 207.8 | 218.6 | 229.5 | 240.1 | 251.8 | 263.8 | 275.2 | 286.8 | 301.0 | 316.1 | 330.5 |
| -80° | 194.2 | 203.8 | 213.9 | 223.8 | 234.0 | 244.5 | 254.6 | 264.3 | 276.5 | 289.6 | 302.3 |
| -82.5° | 181.0 | 190.0 | 198.7 | 207.3 | 216.2 | 224.9 | 234.0 | 243.1 | 254.3 | 265.8 | 276.6 |
| -85° | 168.2 | 176.1 | 183.4 | 190.7 | 198.9 | 207.0 | 214.8 | 222.5 | 232.7 | 243.0 | 252.3 |
| -87.5° | 157.8 | 164.9 | 171.2 | 177.3 | 184.6 | 191.8 | 198.5 | 205.1 | 213.9 | 222.7 | 230.7 |
| -90° | 6.3 | 5.7 | 5.7 | 5.7 | 5.2 | 4.6 | 4.6 | 4.6 | 4.6 | 4.6 | 4.0 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|
| 90° | 221.9 | 227.1 | 232.2 | 235.6 | 239.0 | 244.1 | 249.2 | 256.6 | 264.0 | 270.3 | 276.5 |
| 87.5° | 4.4 | 3.9 | 3.4 | 3.3 | 3.3 | 3.3 | 3.3 | 2.8 | 2.3 | 2.3 | 2.3 |
| 85° | 4.6 | 4.4 | 4.3 | 4.3 | 4.4 | 3.9 | 3.4 | 3.4 | 3.3 | 3.3 | 3.4 |
| 82.5° | 5.1 | 4.9 | 4.6 | 4.6 | 4.6 | 4.5 | 4.4 | 3.9 | 3.4 | 3.4 | 3.4 |
| 80° | 5.7 | 5.4 | 5.2 | 4.9 | 4.6 | 4.6 | 4.6 | 4.1 | 3.5 | 3.4 | 3.4 |
| 77.5° | 5.9 | 5.8 | 5.7 | 5.3 | 4.7 | 4.6 | 4.6 | 4.1 | 3.5 | 3.4 | 3.4 |
| 75° | 6.7 | 6.6 | 6.5 | 6.4 | 6.2 | 6.4 | 6.7 | 6.6 | 6.2 | 5.9 | 5.6 |
| 72.5° | 10.2 | 10.3 | 10.1 | 10.7 | 11.3 | 11.8 | 12.1 | 12.4 | 12.9 | 13.7 | 14.7 |
| 70° | 18.1 | 19.5 | 19.6 | 19.5 | 19.5 | 18.9 | 18.3 | 18.1 | 18.2 | 18.5 | 18.9 |
| 67.5° | 27.3 | 28.5 | 28.9 | 29.2 | 26.7 | 25.0 | 24.3 | 24.4 | 25.4 | 27.5 | 30.4 |
| 65° | 34.9 | 32.8 | 30.9 | 28.9 | 29.1 | 29.0 | 27.6 | 27.0 | 27.9 | 29.2 | 30.6 |
| 62.5° | 41.5 | 33.0 | 27.5 | 24.8 | 25.3 | 26.1 | 23.6 | 21.7 | 21.1 | 20.7 | 20.8 |
| 60° | 44.6 | 31.0 | 21.9 | 18.6 | 16.6 | 15.6 | 13.9 | 11.9 | 11.3 | 11.1 | 11.4 |
| 57.5° | 45.0 | 29.5 | 17.4 | 13.7 | 10.5 | 8.1 | 6.8 | 6.0 | 6.0 | 5.8 | 5.7 |
| 55° | 43.6 | 29.9 | 16.9 | 15.4 | 14.1 | 13.0 | 11.3 | 11.0 | 10.4 | 10.4 | 11.0 |
| 52.5° | 45.2 | 41.9 | 34.3 | 33.2 | 40.5 | 40.8 | 35.1 | 43.2 | 48.7 | 53.0 | 54.9 |
| 50° | 89.3 | 85.8 | 108.4 | 108.3 | 131.2 | 150.8 | 145.2 | 156.6 | 176.4 | 193.6 | 204.2 |
| 47.5° | 208.6 | 225.0 | 259.0 | 289.4 | 323.7 | 367.1 | 386.4 | 400.0 | 417.3 | 440.5 | 456.0 |
| 45° | 388.6 | 429.3 | 473.3 | 522.6 | 580.1 | 630.9 | 660.5 | 689.0 | 707.9 | 728.5 | 752.9 |
| 42.5° | 577.1 | 625.6 | 690.9 | 749.8 | 812.0 | 871.3 | 918.1 | 959.4 | 1039.8 | 1154.5 | 1245.8 |
| 40° | 738.5 | 793.6 | 869.4 | 947.9 | 1021.2 | 1096.3 | 1302.9 | 1479.1 | 1698.5 | 2026.2 | 2316.5 |
| 37.5° | 898.6 | 962.4 | 1047.0 | 1143.1 | 1364.2 | 1588.0 | 2039.4 | 2526.9 | 2949.3 | 3423.1 | 3901.4 |
| 35° | 1073.2 | 1156.9 | 1270.1 | 1593.7 | 2002.9 | 2599.5 | 3246.7 | 3970.8 | 4585.5 | 5246.9 | 6215.9 |
| 32.5° | 1279.2 | 1425.6 | 1791.4 | 2379.7 | 3113.4 | 3960.9 | 4763.8 | 5674.0 | 6441.7 | 7656.9 | 9136.8 |
| 30° | 1545.0 | 2003.9 | 2706.1 | 3518.4 | 4508.6 | 5581.2 | 6587.8 | 8062.1 | 9784.4 | 11309.1 | 12568.2 |
| 27.5° | 2185.9 | 3072.3 | 4052.7 | 5082.2 | 6322.0 | 7621.8 | 9732.4 | 11640.5 | 13493.7 | 15140.0 | 17052.6 |
| 25° | 3142.8 | 4565.0 | 6240.5 | 7620.6 | 9305.3 | 11654.4 | 14041.0 | 16142.5 | 18958.9 | 21436.1 | 24214.9 |
| 22.5° | 4496.4 | 6521.4 | 8679.6 | 10694.6 | 13281.9 | 16223.9 | 19434.8 | 23306.9 | 27219.5 | 31565.6 | 35432.0 |
| 20° | 5817.5 | 8379.5 | 11112.6 | 14013.4 | 17326.9 | 21005.4 | 26254.1 | 32538.1 | 38567.1 | 45414.3 | 51188.0 |
| 17.5° | 7576.8 | 10674.0 | 13906.3 | 17593.6 | 21853.7 | 27513.0 | 35260.2 | 43852.6 | 53175.8 | 63400.3 | 72855.3 |
| 15° | 9365.9 | 12702.5 | 16458.4 | 21177.6 | 27203.3 | 34894.9 | 44778.4 | 56475.3 | 70109.8 | 85140.3 | 103413.5 |
| 12.5° | 10832.1 | 14480.7 | 18872.6 | 24819.7 | 32700.8 | 42987.0 | 54961.7 | 69042.0 | 87734.4 | 110404.6 | 131634.6 |
| 10° | 12084.8 | 16459.7 | 22009.4 | 29047.9 | 38318.0 | 49930.2 | 63533.3 | 80965.8 | 106145.4 | 132407.9 | 155705.8 |
| 7.5° | 13375.2 | 18550.8 | 24428.2 | 32059.6 | 42599.7 | 55780.6 | 72531.5 | 95295.8 | 123000.0 | 149936.6 | 171301.9 |
| 5° | 14592.3 | 19976.6 | 25954.3 | 34107.7 | 45506.0 | 59662.2 | 78668.0 | 106395.1 | 136543.2 | 162925.8 | 182998.4 |
| 2.5° | 15545.6 | 20693.8 | 26758.1 | 35633.0 | 47077.0 | 61771.8 | 82514.8 | 113258.5 | 144884.0 | 170885.4 | 191468.2 |
| 0° | 16040.2 | 21082.8 | 27204.1 | 36587.0 | 48380.2 | 63708.0 | 84720.2 | 116287.4 | 148276.9 | 173597.5 | 194576.8 |
| -2.5° | 15930.8 | 20895.0 | 26928.0 | 35850.8 | 48082.4 | 64058.3 | 86554.0 | 117865.9 | 148861.3 | 174522.7 | 194294.4 |
| -5° | 15700.6 | 20599.2 | 26548.9 | 34946.1 | 47016.0 | 63177.7 | 84562.8 | 113350.1 | 143284.7 | 169607.5 | 188828.7 |
| -7.5° | 15271.6 | 20104.1 | 25793.0 | 33622.9 | 45248.6 | 60553.1 | 79851.1 | 104866.2 | 133583.3 | 159956.8 | 178564.6 |
| -10° | 14640.4 | 19339.1 | 24708.0 | 31829.2 | 42270.0 | 56326.9 | 72733.6 | 92268.7 | 119132.4 | 143790.1 | 164465.8 |
| -12.5° | 13743.4 | 18256.9 | 23202.8 | 29322.2 | 38672.5 | 51060.4 | 65204.6 | 81435.8 | 100635.6 | 124416.2 | 143796.5 |
| -15° | 12602.0 | 16846.8 | 21442.6 | 27216.4 | 35034.7 | 45184.8 | 57110.2 | 69701.8 | 84417.9 | 100833.2 | 119723.8 |
| -17.5° | 11201.1 | 15188.4 | 19468.2 | 24445.9 | 30768.9 | 39284.9 | 48718.3 | 58543.4 | 69165.6 | 81245.7 | 92344.0 |
| -20° | 9530.6 | 13177.8 | 17211.0 | 21840.9 | 27258.9 | 33410.1 | 40267.5 | 48210.3 | 56443.9 | 65065.8 | 72694.1 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 7834.4 | 11161.5 | 15004.8 | 19053.2 | 23762.2 | 28457.4 | 33063.3 | 38969.1 | 45327.4 | 51569.3 | 57247.3 |
| -25° | 6130.0 | 9067.1 | 12640.6 | 16437.7 | 20217.3 | 24052.5 | 27792.2 | 31459.4 | 36034.8 | 40052.5 | 44220.0 |
| -27.5° | 4868.9 | 7066.1 | 10066.7 | 13380.3 | 16673.8 | 19874.0 | 23107.3 | 26170.6 | 29056.0 | 31482.4 | 34292.1 |
| -30° | 3829.1 | 5312.2 | 7630.2 | 10237.8 | 13119.5 | 15939.2 | 18725.3 | 21313.0 | 23585.3 | 25583.0 | 27534.1 |
| -32.5° | 3462.0 | 4067.6 | 5445.1 | 7426.7 | 9700.1 | 12173.8 | 14502.7 | 16725.4 | 18598.7 | 20455.2 | 22203.4 |
| -35° | 3202.6 | 3536.0 | 3986.3 | 5224.2 | 6704.7 | 8673.3 | 10498.8 | 12343.5 | 13916.7 | 15770.9 | 17204.5 |
| -37.5° | 2989.8 | 3246.6 | 3531.4 | 3823.4 | 4723.7 | 5709.4 | 7023.7 | 8406.4 | 9621.8 | 11177.2 | 12442.9 |
| -40° | 2783.9 | 3011.3 | 3233.8 | 3455.8 | 3695.3 | 3915.2 | 4697.6 | 5410.6 | 6235.0 | 7299.0 | 8209.3 |
| -42.5° | 2584.8 | 2785.1 | 2977.8 | 3158.2 | 3325.5 | 3469.9 | 3627.3 | 3778.2 | 4223.4 | 4765.7 | 5182.2 |
| -45° | 2406.2 | 2576.4 | 2737.7 | 2890.2 | 3017.7 | 3133.3 | 3254.6 | 3380.9 | 3546.4 | 3696.8 | 3821.0 |
| -47.5° | 2254.2 | 2388.8 | 2521.0 | 2645.2 | 2743.1 | 2841.8 | 2938.4 | 3047.4 | 3176.3 | 3302.6 | 3408.2 |
| -50° | 2116.8 | 2233.3 | 2333.6 | 2421.6 | 2503.0 | 2586.5 | 2663.4 | 2760.2 | 2864.0 | 2968.4 | 3055.8 |
| -52.5° | 1985.2 | 2088.8 | 2172.6 | 2239.6 | 2301.6 | 2369.7 | 2435.9 | 2513.1 | 2597.3 | 2685.2 | 2754.6 |
| -55° | 1764.0 | 1895.6 | 2017.4 | 2080.3 | 2129.0 | 2185.1 | 2241.1 | 2303.6 | 2374.8 | 2448.5 | 2503.6 |
| -57.5° | 1519.5 | 1649.4 | 1764.1 | 1845.8 | 1926.5 | 2008.8 | 2070.5 | 2119.5 | 2183.8 | 2246.8 | 2294.3 |
| -60° | 1274.0 | 1383.0 | 1484.3 | 1566.9 | 1651.0 | 1733.4 | 1802.8 | 1866.6 | 1946.1 | 2018.5 | 2077.3 |
| -62.5° | 1045.5 | 1140.8 | 1219.0 | 1285.8 | 1357.5 | 1429.2 | 1495.3 | 1558.2 | 1630.4 | 1695.3 | 1750.4 |
| -65° | 837.8 | 917.7 | 975.6 | 1028.1 | 1085.1 | 1144.5 | 1196.8 | 1249.0 | 1307.1 | 1359.0 | 1404.2 |
| -67.5° | 677.4 | 730.4 | 766.5 | 800.0 | 845.2 | 891.3 | 932.4 | 973.9 | 1018.3 | 1057.6 | 1091.9 |
| -70° | 554.6 | 587.6 | 609.9 | 635.5 | 667.7 | 697.2 | 724.2 | 754.6 | 787.2 | 817.3 | 844.6 |
| -72.5° | 459.7 | 482.4 | 499.1 | 519.6 | 540.0 | 558.8 | 575.8 | 597.6 | 621.4 | 644.6 | 666.7 |
| -75° | 385.2 | 399.9 | 415.7 | 430.5 | 444.5 | 458.1 | 470.7 | 488.3 | 506.5 | 524.0 | 540.8 |
| -77.5° | 345.6 | 356.5 | 365.4 | 373.6 | 381.3 | 390.1 | 398.7 | 413.5 | 429.6 | 443.1 | 455.8 |
| -80° | 314.9 | 323.4 | 330.8 | 337.1 | 342.9 | 350.0 | 357.3 | 369.4 | 382.0 | 393.3 | 404.4 |
| -82.5° | 287.4 | 294.7 | 301.5 | 307.3 | 312.8 | 319.0 | 325.1 | 335.7 | 346.5 | 356.2 | 365.7 |
| -85° | 261.7 | 268.0 | 274.1 | 279.2 | 284.3 | 290.0 | 295.6 | 304.8 | 314.1 | 322.7 | 331.2 |
| -87.5° | 238.6 | 244.2 | 249.8 | 253.7 | 257.5 | 263.0 | 268.4 | 276.6 | 284.8 | 292.4 | 300.0 |
| -90° | 3.4 | 3.4 | 3.4 | 2.9 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 1.7 | 1.1 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 280.0 | 283.4 | 284.0 | 284.5 | 284.0 | 283.4 | 280.0 | 276.5 | 270.3 | 264.0 | 256.6 |
| 87.5° | 1.7 | 1.1 | 1.7 | 2.3 | 1.7 | 1.1 | 1.7 | 2.3 | 2.3 | 2.3 | 2.8 |
| 85° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.3 | 3.3 | 3.4 |
| 82.5° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.9 |
| 80° | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.5 | 4.1 |
| 77.5° | 2.9 | 2.3 | 2.8 | 3.4 | 2.8 | 2.3 | 2.9 | 3.4 | 3.4 | 3.5 | 4.1 |
| 75° | 5.1 | 4.6 | 4.0 | 3.4 | 4.0 | 4.6 | 5.1 | 5.6 | 5.9 | 6.2 | 6.6 |
| 72.5° | 15.2 | 15.6 | 16.4 | 17.1 | 16.4 | 15.6 | 15.2 | 14.7 | 13.7 | 12.9 | 12.4 |
| 70° | 18.2 | 17.2 | 17.1 | 17.1 | 17.1 | 17.2 | 18.2 | 18.9 | 18.5 | 18.2 | 18.1 |
| 67.5° | 32.6 | 34.5 | 35.1 | 35.3 | 35.1 | 34.5 | 32.6 | 30.4 | 27.5 | 25.4 | 24.4 |
| 65° | 31.7 | 32.9 | 33.0 | 33.0 | 33.0 | 32.9 | 31.7 | 30.6 | 29.2 | 27.9 | 27.0 |
| 62.5° | 21.2 | 21.8 | 22.2 | 22.8 | 22.2 | 21.8 | 21.2 | 20.8 | 20.7 | 21.1 | 21.7 |
| 60° | 11.9 | 12.6 | 13.1 | 13.7 | 13.1 | 12.6 | 11.9 | 11.4 | 11.1 | 11.3 | 11.9 |
| 57.5° | 5.6 | 5.9 | 6.2 | 6.8 | 6.2 | 5.9 | 5.6 | 5.7 | 5.8 | 6.0 | 6.0 |
| 55° | 11.4 | 12.1 | 12.4 | 12.5 | 12.4 | 12.1 | 11.4 | 11.0 | 10.4 | 10.4 | 11.0 |
| 52.5° | 54.0 | 51.4 | 49.3 | 47.8 | 49.3 | 51.4 | 54.0 | 54.9 | 53.0 | 48.7 | 43.2 |
| 50° | 208.6 | 203.4 | 197.7 | 192.3 | 197.7 | 203.4 | 208.6 | 204.2 | 193.6 | 176.4 | 156.6 |
| 47.5° | 465.2 | 461.1 | 452.6 | 441.5 | 452.6 | 461.1 | 465.2 | 456.0 | 440.5 | 417.3 | 400.0 |
| 45° | 786.3 | 809.1 | 819.3 | 813.7 | 819.3 | 809.1 | 786.3 | 752.9 | 728.5 | 707.9 | 689.0 |
| 42.5° | 1276.7 | 1296.8 | 1298.6 | 1268.9 | 1298.6 | 1296.8 | 1276.7 | 1245.8 | 1154.5 | 1039.8 | 959.4 |
| 40° | 2526.5 | 2701.6 | 2761.7 | 2581.0 | 2761.7 | 2701.6 | 2526.5 | 2316.5 | 2026.2 | 1698.5 | 1479.1 |
| 37.5° | 4477.9 | 5165.8 | 5739.6 | 5761.7 | 5739.6 | 5165.8 | 4477.9 | 3901.4 | 3423.1 | 2949.3 | 2526.9 |
| 35° | 7257.3 | 7965.0 | 8307.2 | 8292.7 | 8307.2 | 7965.0 | 7257.3 | 6215.9 | 5246.9 | 4585.5 | 3970.8 |
| 32.5° | 10200.3 | 10736.4 | 11079.1 | 10996.6 | 11079.1 | 10736.4 | 10200.3 | 9136.8 | 7656.9 | 6441.7 | 5674.0 |
| 30° | 13467.5 | 13964.9 | 14364.3 | 14358.3 | 14364.3 | 13964.9 | 13467.5 | 12568.2 | 11309.1 | 9784.4 | 8062.1 |
| 27.5° | 18609.5 | 19634.6 | 20449.4 | 20311.2 | 20449.4 | 19634.6 | 18609.5 | 17052.6 | 15140.0 | 13493.7 | 11640.5 |
| 25° | 26559.0 | 28434.1 | 29759.7 | 29486.9 | 29759.7 | 28434.1 | 26559.0 | 24214.9 | 21436.1 | 18958.9 | 16142.5 |
| 22.5° | 38302.5 | 40707.8 | 41713.6 | 40916.0 | 41713.6 | 40707.8 | 38302.5 | 35432.0 | 31565.6 | 27219.5 | 23306.9 |
| 20° | 56688.4 | 61148.0 | 63920.6 | 62267.3 | 63920.6 | 61148.0 | 56688.4 | 51188.0 | 45414.3 | 38567.1 | 32538.1 |
| 17.5° | 85092.9 | 94767.5 | 102411.9 | 102201.2 | 102411.9 | 94767.5 | 85092.9 | 72855.3 | 63400.3 | 53175.8 | 43852.6 |
| 15° | 119322.9 | 130334.7 | 138813.7 | 139794.1 | 138813.7 | 130334.7 | 119322.9 | 103413.5 | 85140.3 | 70109.8 | 56475.3 |
| 12.5° | 149972.4 | 161171.4 | 169468.9 | 171856.4 | 169468.9 | 161171.4 | 149972.4 | 131634.6 | 110404.6 | 87734.4 | 69042.0 |
| 10° | 171816.1 | 182992.0 | 191023.2 | 193855.3 | 191023.2 | 182992.0 | 171816.1 | 155705.8 | 132407.9 | 106145.4 | 80965.8 |
| 7.5° | 187840.5 | 199965.3 | 205985.4 | 209062.5 | 205985.4 | 199965.3 | 187840.5 | 171301.9 | 149936.6 | 123000.0 | 95295.8 |
| 5° | 199371.0 | 210639.5 | 216463.5 | 220192.2 | 216463.5 | 210639.5 | 199371.0 | 182998.4 | 162925.8 | 136543.2 | 106395.1 |
| 2.5° | 206639.7 | 217278.1 | 224272.1 | 227616.6 | 224272.1 | 217278.1 | 206639.7 | 191468.2 | 170885.4 | 144884.0 | 113258.5 |
| 0° | 208985.7 | 219198.7 | 227037.9 | 230036.0 | 227037.9 | 219198.7 | 208985.7 | 194576.8 | 173597.5 | 148276.9 | 116287.4 |
| -2.5° | 207894.5 | 217899.0 | 224151.3 | 225363.3 | 224151.3 | 217899.0 | 207894.5 | 194294.4 | 174522.7 | 148861.3 | 117865.9 |
| -5° | 202215.7 | 211436.6 | 217209.9 | 218158.6 | 217209.9 | 211436.6 | 202215.7 | 188828.7 | 169607.5 | 143284.7 | 113350.1 |
| -7.5° | 192425.7 | 201623.9 | 206395.9 | 207801.0 | 206395.9 | 201623.9 | 192425.7 | 178564.6 | 159956.8 | 133583.3 | 104866.2 |
| -10° | 178231.1 | 187117.5 | 192217.7 | 193427.4 | 192217.7 | 187117.5 | 178231.1 | 164465.8 | 143790.1 | 119132.4 | 92268.7 |
| -12.5° | 158862.1 | 168342.3 | 174050.4 | 175308.0 | 174050.4 | 168342.3 | 158862.1 | 143796.5 | 124416.2 | 100635.6 | 81435.8 |
| -15° | 133746.4 | 143497.9 | 150784.9 | 152547.8 | 150784.9 | 143497.9 | 133746.4 | 119723.8 | 100833.2 | 84417.9 | 69701.8 |
| -17.5° | 104795.5 | 114553.8 | 121101.8 | 122351.9 | 121101.8 | 114553.8 | 104795.5 | 92344.0 | 81245.7 | 69165.6 | 58543.4 |
| -20° | 79861.1 | 86137.0 | 89832.7 | 90476.3 | 89832.7 | 86137.0 | 79861.1 | 72694.1 | 65065.8 | 56443.9 | 48210.3 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 61887.5 | 66105.6 | 68355.6 | 68673.1 | 68355.6 | 66105.6 | 61887.5 | 57247.3 | 51569.3 | 45327.4 | 38969.1 |
| -25° | 47956.9 | 51021.7 | 52697.6 | 52976.6 | 52697.6 | 51021.7 | 47956.9 | 44220.0 | 40052.5 | 36034.8 | 31459.4 |
| -27.5° | 36822.6 | 38726.5 | 40285.9 | 39961.2 | 40285.9 | 38726.5 | 36822.6 | 34292.1 | 31482.4 | 29056.0 | 26170.6 |
| -30° | 29137.2 | 30358.3 | 31279.4 | 31038.1 | 31279.4 | 30358.3 | 29137.2 | 27534.1 | 25583.0 | 23585.3 | 21313.0 |
| -32.5° | 23582.7 | 24539.4 | 25186.8 | 25359.4 | 25186.8 | 24539.4 | 23582.7 | 22203.4 | 20455.2 | 18598.7 | 16725.4 |
| -35° | 18329.6 | 19111.3 | 19560.0 | 19734.2 | 19560.0 | 19111.3 | 18329.6 | 17204.5 | 15770.9 | 13916.7 | 12343.5 |
| -37.5° | 13382.5 | 14068.2 | 14496.3 | 14645.0 | 14496.3 | 14068.2 | 13382.5 | 12442.9 | 11177.2 | 9621.8 | 8406.4 |
| -40° | 8906.4 | 9434.7 | 9785.4 | 9921.2 | 9785.4 | 9434.7 | 8906.4 | 8209.3 | 7299.0 | 6235.0 | 5410.6 |
| -42.5° | 5506.7 | 5754.1 | 5910.7 | 5959.8 | 5910.7 | 5754.1 | 5506.7 | 5182.2 | 4765.7 | 4223.4 | 3778.2 |
| -45° | 3917.0 | 3985.3 | 4024.5 | 4032.0 | 4024.5 | 3985.3 | 3917.0 | 3821.0 | 3696.8 | 3546.4 | 3380.9 |
| -47.5° | 3490.7 | 3544.6 | 3572.1 | 3573.3 | 3572.1 | 3544.6 | 3490.7 | 3408.2 | 3302.6 | 3176.3 | 3047.4 |
| -50° | 3127.9 | 3177.8 | 3203.0 | 3204.6 | 3203.0 | 3177.8 | 3127.9 | 3055.8 | 2968.4 | 2864.0 | 2760.2 |
| -52.5° | 2811.5 | 2851.3 | 2869.7 | 2870.1 | 2869.7 | 2851.3 | 2811.5 | 2754.6 | 2685.2 | 2597.3 | 2513.1 |
| -55° | 2548.8 | 2579.8 | 2591.2 | 2589.0 | 2591.2 | 2579.8 | 2548.8 | 2503.6 | 2448.5 | 2374.8 | 2303.6 |
| -57.5° | 2333.9 | 2364.2 | 2373.7 | 2370.5 | 2373.7 | 2364.2 | 2333.9 | 2294.3 | 2246.8 | 2183.8 | 2119.5 |
| -60° | 2123.1 | 2155.6 | 2167.8 | 2166.8 | 2167.8 | 2155.6 | 2123.1 | 2077.3 | 2018.5 | 1946.1 | 1866.6 |
| -62.5° | 1789.8 | 1814.7 | 1828.1 | 1832.2 | 1828.1 | 1814.7 | 1789.8 | 1750.4 | 1695.3 | 1630.4 | 1558.2 |
| -65° | 1435.3 | 1455.2 | 1465.8 | 1469.2 | 1465.8 | 1455.2 | 1435.3 | 1404.2 | 1359.0 | 1307.1 | 1249.0 |
| -67.5° | 1114.1 | 1128.3 | 1135.2 | 1136.9 | 1135.2 | 1128.3 | 1114.1 | 1091.9 | 1057.6 | 1018.3 | 973.9 |
| -70° | 861.6 | 873.3 | 878.7 | 880.8 | 878.7 | 873.3 | 861.6 | 844.6 | 817.3 | 787.2 | 754.6 |
| -72.5° | 679.5 | 688.8 | 692.6 | 694.2 | 692.6 | 688.8 | 679.5 | 666.7 | 644.6 | 621.4 | 597.6 |
| -75° | 548.7 | 554.3 | 556.5 | 557.6 | 556.5 | 554.3 | 548.7 | 540.8 | 524.0 | 506.5 | 488.3 |
| -77.5° | 462.8 | 468.7 | 470.9 | 472.3 | 470.9 | 468.7 | 462.8 | 455.8 | 443.1 | 429.6 | 413.5 |
| -80° | 409.3 | 413.5 | 415.2 | 416.5 | 415.2 | 413.5 | 409.3 | 404.4 | 393.3 | 382.0 | 369.4 |
| -82.5° | 371.6 | 377.3 | 377.7 | 377.8 | 377.7 | 377.3 | 371.6 | 365.7 | 356.2 | 346.5 | 335.7 |
| -85° | 335.7 | 340.0 | 340.8 | 341.4 | 340.8 | 340.0 | 335.7 | 331.2 | 322.7 | 314.1 | 304.8 |
| -87.5° | 304.2 | 308.3 | 308.4 | 308.4 | 308.4 | 308.3 | 304.2 | 300.0 | 292.4 | 284.8 | 276.6 |
| -90° | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.7 | 2.3 | 2.3 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| 90° | 249.2 | 244.1 | 239.0 | 235.6 | 232.2 | 227.1 | 221.9 | 214.5 | 207.1 | 199.7 | 192.3 |
| 87.5° | 3.3 | 3.3 | 3.3 | 3.3 | 3.4 | 3.9 | 4.4 | 4.5 | 4.6 | 4.6 | 4.6 |
| 85° | 3.4 | 3.9 | 4.4 | 4.3 | 4.3 | 4.4 | 4.6 | 4.9 | 5.2 | 5.1 | 5.1 |
| 82.5° | 4.4 | 4.5 | 4.6 | 4.6 | 4.6 | 4.9 | 5.1 | 5.4 | 5.7 | 5.8 | 5.9 |
| 80° | 4.6 | 4.6 | 4.6 | 4.9 | 5.2 | 5.4 | 5.7 | 5.8 | 5.9 | 6.3 | 6.6 |
| 77.5° | 4.6 | 4.6 | 4.7 | 5.3 | 5.7 | 5.8 | 5.9 | 6.4 | 6.6 | 6.7 | 6.8 |
| 75° | 6.7 | 6.4 | 6.2 | 6.4 | 6.5 | 6.6 | 6.7 | 6.7 | 6.9 | 7.1 | 7.1 |
| 72.5° | 12.1 | 11.8 | 11.3 | 10.7 | 10.1 | 10.3 | 10.2 | 9.6 | 9.1 | 8.5 | 7.9 |
| 70° | 18.3 | 18.9 | 19.5 | 19.5 | 19.6 | 19.5 | 18.1 | 16.1 | 14.2 | 13.4 | 11.6 |
| 67.5° | 24.3 | 25.0 | 26.7 | 29.2 | 28.9 | 28.5 | 27.3 | 25.6 | 22.9 | 20.4 | 16.8 |
| 65° | 27.6 | 29.0 | 29.1 | 28.9 | 30.9 | 32.8 | 34.9 | 34.0 | 33.9 | 30.3 | 23.9 |
| 62.5° | 23.6 | 26.1 | 25.3 | 24.8 | 27.5 | 33.0 | 41.5 | 45.3 | 47.4 | 44.1 | 36.0 |
| 60° | 13.9 | 15.6 | 16.6 | 18.6 | 21.9 | 31.0 | 44.6 | 54.3 | 62.7 | 57.1 | 47.7 |
| 57.5° | 6.8 | 8.1 | 10.5 | 13.7 | 17.4 | 29.5 | 45.0 | 58.4 | 67.9 | 64.3 | 58.2 |
| 55° | 11.3 | 13.0 | 14.1 | 15.4 | 16.9 | 29.9 | 43.6 | 57.4 | 67.7 | 66.5 | 61.4 |
| 52.5° | 35.1 | 40.8 | 40.5 | 33.2 | 34.3 | 41.9 | 45.2 | 59.5 | 69.0 | 70.2 | 66.1 |
| 50° | 145.2 | 150.8 | 131.2 | 108.3 | 108.4 | 85.8 | 89.3 | 85.7 | 82.9 | 85.1 | 76.9 |
| 47.5° | 386.4 | 367.1 | 323.7 | 289.4 | 259.0 | 225.0 | 208.6 | 169.1 | 160.9 | 124.1 | 117.7 |
| 45° | 660.5 | 630.9 | 580.1 | 522.6 | 473.3 | 429.3 | 388.6 | 356.6 | 295.6 | 263.2 | 185.6 |
| 42.5° | 918.1 | 871.3 | 812.0 | 749.8 | 690.9 | 625.6 | 577.1 | 539.6 | 498.1 | 435.8 | 367.7 |
| 40° | 1302.9 | 1096.3 | 1021.2 | 947.9 | 869.4 | 793.6 | 738.5 | 681.8 | 652.4 | 603.4 | 537.5 |
| 37.5° | 2039.4 | 1588.0 | 1364.2 | 1143.1 | 1047.0 | 962.4 | 898.6 | 840.5 | 784.4 | 741.2 | 679.2 |
| 35° | 3246.7 | 2599.5 | 2002.9 | 1593.7 | 1270.1 | 1156.9 | 1073.2 | 1006.7 | 937.4 | 867.9 | 809.3 |
| 32.5° | 4763.8 | 3960.9 | 3113.4 | 2379.7 | 1791.4 | 1425.6 | 1279.2 | 1184.7 | 1096.0 | 1010.4 | 926.5 |
| 30° | 6587.8 | 5581.2 | 4508.6 | 3518.4 | 2706.1 | 2003.9 | 1545.0 | 1385.8 | 1266.0 | 1158.2 | 1048.0 |
| 27.5° | 9732.4 | 7621.8 | 6322.0 | 5082.2 | 4052.7 | 3072.3 | 2185.9 | 1609.7 | 1450.6 | 1318.6 | 1187.8 |
| 25° | 14041.0 | 11654.4 | 9305.3 | 7620.6 | 6240.5 | 4565.0 | 3142.8 | 2173.6 | 1672.9 | 1487.4 | 1331.7 |
| 22.5° | 19434.8 | 16223.9 | 13281.9 | 10694.6 | 8679.6 | 6521.4 | 4496.4 | 2798.1 | 1912.5 | 1665.9 | 1482.7 |
| 20° | 26254.1 | 21005.4 | 17326.9 | 14013.4 | 11112.6 | 8379.5 | 5817.5 | 3745.5 | 2439.2 | 1856.7 | 1629.6 |
| 17.5° | 35260.2 | 27513.0 | 21853.7 | 17593.6 | 13906.3 | 10674.0 | 7576.8 | 4932.0 | 2932.4 | 2050.9 | 1774.0 |
| 15° | 44778.4 | 34894.9 | 27203.3 | 21177.6 | 16458.4 | 12702.5 | 9365.9 | 6120.8 | 3620.8 | 2394.6 | 1935.2 |
| 12.5° | 54961.7 | 42987.0 | 32700.8 | 24819.7 | 18872.6 | 14480.7 | 10832.1 | 7417.5 | 4549.7 | 2798.5 | 2072.2 |
| 10° | 63533.3 | 49930.2 | 38318.0 | 29047.9 | 22009.4 | 16459.7 | 12084.8 | 8444.1 | 5292.1 | 3151.2 | 2192.7 |
| 7.5° | 72531.5 | 55780.6 | 42599.7 | 32059.6 | 24428.2 | 18550.8 | 13375.2 | 9206.6 | 5861.3 | 3413.9 | 2285.5 |
| 5° | 78668.0 | 59662.2 | 45506.0 | 34107.7 | 25954.3 | 19976.6 | 14592.3 | 9735.8 | 6222.0 | 3593.2 | 2363.2 |
| 2.5° | 82514.8 | 61771.8 | 47077.0 | 35633.0 | 26758.1 | 20693.8 | 15545.6 | 10405.5 | 6527.1 | 3753.1 | 2441.0 |
| 0° | 84720.2 | 63708.0 | 48380.2 | 36587.0 | 27204.1 | 21082.8 | 16040.2 | 11182.1 | 6732.5 | 3860.1 | 2503.6 |
| -2.5° | 86554.0 | 64058.3 | 48082.4 | 35850.8 | 26928.0 | 20895.0 | 15930.8 | 11477.9 | 7176.4 | 3968.5 | 2570.6 |
| -5° | 84562.8 | 63177.7 | 47016.0 | 34946.1 | 26548.9 | 20599.2 | 15700.6 | 11391.7 | 7298.5 | 4015.1 | 2618.0 |
| -7.5° | 79851.1 | 60553.1 | 45248.6 | 33622.9 | 25793.0 | 20104.1 | 15271.6 | 10903.6 | 6997.6 | 4036.2 | 2681.4 |
| -10° | 72733.6 | 56326.9 | 42270.0 | 31829.2 | 24708.0 | 19339.1 | 14640.4 | 10341.9 | 6591.4 | 3949.5 | 2722.3 |
| -12.5° | 65204.6 | 51060.4 | 38672.5 | 29322.2 | 23202.8 | 18256.9 | 13743.4 | 9569.9 | 6033.4 | 3752.0 | 2753.1 |
| -15° | 57110.2 | 45184.8 | 35034.7 | 27216.4 | 21442.6 | 16846.8 | 12602.0 | 8584.3 | 5312.3 | 3466.8 | 2758.4 |
| -17.5° | 48718.3 | 39284.9 | 30768.9 | 24445.9 | 19468.2 | 15188.4 | 11201.1 | 7592.7 | 4788.3 | 3253.7 | 2743.3 |
| -20° | 40267.5 | 33410.1 | 27258.9 | 21840.9 | 17211.0 | 13177.8 | 9530.6 | 6390.1 | 4252.6 | 3201.7 | 2736.8 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|
| -22.5° | 33063.3 | 28457.4 | 23762.2 | 19053.2 | 15004.8 | 11161.5 | 7834.4 | 5193.0 | 3606.4 | 3089.0 | 2696.3 |
| -25° | 27792.2 | 24052.5 | 20217.3 | 16437.7 | 12640.6 | 9067.1 | 6130.0 | 4338.8 | 3389.3 | 2984.7 | 2622.0 |
| -27.5° | 23107.3 | 19874.0 | 16673.8 | 13380.3 | 10066.7 | 7066.1 | 4868.9 | 3576.6 | 3172.2 | 2845.4 | 2546.7 |
| -30° | 18725.3 | 15939.2 | 13119.5 | 10237.8 | 7630.2 | 5312.2 | 3829.1 | 3333.0 | 2990.5 | 2696.3 | 2428.6 |
| -32.5° | 14502.7 | 12173.8 | 9700.1 | 7426.7 | 5445.1 | 4067.6 | 3462.0 | 3099.0 | 2815.7 | 2556.3 | 2317.4 |
| -35° | 10498.8 | 8673.3 | 6704.7 | 5224.2 | 3986.3 | 3536.0 | 3202.6 | 2915.9 | 2652.7 | 2415.7 | 2204.1 |
| -37.5° | 7023.7 | 5709.4 | 4723.7 | 3823.4 | 3531.4 | 3246.6 | 2989.8 | 2736.5 | 2491.8 | 2288.9 | 2102.5 |
| -40° | 4697.6 | 3915.2 | 3695.3 | 3455.8 | 3233.8 | 3011.3 | 2783.9 | 2555.2 | 2355.3 | 2169.7 | 2005.9 |
| -42.5° | 3627.3 | 3469.9 | 3325.5 | 3158.2 | 2977.8 | 2785.1 | 2584.8 | 2397.5 | 2222.3 | 2064.7 | 1918.1 |
| -45° | 3254.6 | 3133.3 | 3017.7 | 2890.2 | 2737.7 | 2576.4 | 2406.2 | 2250.3 | 2101.1 | 1964.6 | 1830.8 |
| -47.5° | 2938.4 | 2841.8 | 2743.1 | 2645.2 | 2521.0 | 2388.8 | 2254.2 | 2116.8 | 1991.2 | 1858.4 | 1668.5 |
| -50° | 2663.4 | 2586.5 | 2503.0 | 2421.6 | 2333.6 | 2233.3 | 2116.8 | 1999.6 | 1856.3 | 1676.5 | 1498.4 |
| -52.5° | 2435.9 | 2369.7 | 2301.6 | 2239.6 | 2172.6 | 2088.8 | 1985.2 | 1824.9 | 1659.7 | 1488.1 | 1320.9 |
| -55° | 2241.1 | 2185.1 | 2129.0 | 2080.3 | 2017.4 | 1895.6 | 1764.0 | 1609.5 | 1448.6 | 1290.4 | 1146.7 |
| -57.5° | 2070.5 | 2008.8 | 1926.5 | 1845.8 | 1764.1 | 1649.4 | 1519.5 | 1374.5 | 1236.8 | 1104.3 | 974.1 |
| -60° | 1802.8 | 1733.4 | 1651.0 | 1566.9 | 1484.3 | 1383.0 | 1274.0 | 1156.6 | 1034.1 | 925.1 | 817.0 |
| -62.5° | 1495.3 | 1429.2 | 1357.5 | 1285.8 | 1219.0 | 1140.8 | 1045.5 | 951.6 | 852.4 | 755.9 | 677.8 |
| -65° | 1196.8 | 1144.5 | 1085.1 | 1028.1 | 975.6 | 917.7 | 837.8 | 766.3 | 695.8 | 623.8 | 555.9 |
| -67.5° | 932.4 | 891.3 | 845.2 | 800.0 | 766.5 | 730.4 | 677.4 | 619.2 | 567.9 | 521.3 | 478.0 |
| -70° | 724.2 | 697.2 | 667.7 | 635.5 | 609.9 | 587.6 | 554.6 | 515.7 | 475.5 | 439.2 | 405.9 |
| -72.5° | 575.8 | 558.8 | 540.0 | 519.6 | 499.1 | 482.4 | 459.7 | 431.2 | 401.3 | 369.4 | 343.1 |
| -75° | 470.7 | 458.1 | 444.5 | 430.5 | 415.7 | 399.9 | 385.2 | 368.1 | 349.8 | 330.3 | 312.2 |
| -77.5° | 398.7 | 390.1 | 381.3 | 373.6 | 365.4 | 356.5 | 345.6 | 330.5 | 316.1 | 301.0 | 286.8 |
| -80° | 357.3 | 350.0 | 342.9 | 337.1 | 330.8 | 323.4 | 314.9 | 302.3 | 289.6 | 276.5 | 264.3 |
| -82.5° | 325.1 | 319.0 | 312.8 | 307.3 | 301.5 | 294.7 | 287.4 | 276.6 | 265.8 | 254.3 | 243.1 |
| -85° | 295.6 | 290.0 | 284.3 | 279.2 | 274.1 | 268.0 | 261.7 | 252.3 | 243.0 | 232.7 | 222.5 |
| -87.5° | 268.4 | 263.0 | 257.5 | 253.7 | 249.8 | 244.2 | 238.6 | 230.7 | 222.7 | 213.9 | 205.1 |
| -90° | 2.3 | 2.3 | 2.3 | 2.9 | 3.4 | 3.4 | 3.4 | 4.0 | 4.6 | 4.6 | 4.6 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| 90° | 185.5 | 178.7 | 171.9 | 165.0 | 159.3 | 153.6 | 147.4 | 141.1 | 132.6 | 124.0 | 111.0 |
| 87.5° | 5.0 | 5.3 | 5.8 | 6.3 | 6.3 | 6.3 | 6.8 | 7.3 | 7.3 | 7.2 | 7.7 |
| 85° | 5.6 | 6.0 | 6.4 | 6.8 | 6.8 | 6.8 | 7.3 | 7.8 | 7.7 | 7.6 | 8.1 |
| 82.5° | 6.3 | 6.7 | 6.7 | 6.8 | 7.2 | 7.4 | 7.9 | 8.3 | 8.2 | 8.1 | 8.5 |
| 80° | 6.7 | 6.9 | 7.1 | 7.2 | 7.6 | 8.1 | 8.4 | 8.8 | 8.9 | 8.9 | 9.0 |
| 77.5° | 6.8 | 7.0 | 7.6 | 7.8 | 7.9 | 8.1 | 8.7 | 9.2 | 9.6 | 9.6 | 9.7 |
| 75° | 6.8 | 7.0 | 7.6 | 8.1 | 8.1 | 8.2 | 8.7 | 9.4 | 10.0 | 10.4 | 10.4 |
| 72.5° | 7.6 | 7.7 | 8.0 | 8.3 | 8.6 | 8.9 | 9.2 | 9.6 | 10.4 | 10.9 | 11.1 |
| 70° | 9.7 | 8.7 | 8.7 | 9.2 | 9.4 | 9.7 | 10.2 | 10.5 | 10.8 | 11.5 | 11.8 |
| 67.5° | 12.6 | 11.3 | 10.4 | 10.3 | 10.6 | 10.9 | 11.2 | 11.5 | 11.8 | 12.1 | 12.4 |
| 65° | 19.7 | 16.0 | 12.5 | 12.4 | 12.2 | 12.2 | 12.4 | 13.0 | 12.8 | 13.5 | 13.1 |
| 62.5° | 28.6 | 22.8 | 19.2 | 15.9 | 14.9 | 15.7 | 13.9 | 15.4 | 14.3 | 15.0 | 14.6 |
| 60° | 38.6 | 30.7 | 26.7 | 23.5 | 21.0 | 20.6 | 19.7 | 18.4 | 18.0 | 16.8 | 16.6 |
| 57.5° | 47.2 | 37.8 | 35.5 | 31.9 | 30.4 | 28.3 | 27.1 | 24.9 | 22.4 | 20.9 | 18.8 |
| 55° | 53.8 | 46.0 | 45.0 | 42.0 | 41.3 | 38.2 | 36.4 | 33.3 | 28.3 | 26.0 | 21.2 |
| 52.5° | 57.7 | 56.6 | 55.6 | 55.5 | 54.8 | 50.2 | 48.2 | 42.5 | 38.2 | 31.4 | 26.3 |
| 50° | 67.3 | 71.1 | 69.7 | 73.0 | 70.4 | 67.9 | 60.9 | 55.1 | 48.7 | 38.4 | 31.8 |
| 47.5° | 99.3 | 102.1 | 94.4 | 96.8 | 92.1 | 88.5 | 79.7 | 69.3 | 60.0 | 48.9 | 37.5 |
| 45° | 183.2 | 153.6 | 144.5 | 133.6 | 122.7 | 117.9 | 102.3 | 84.5 | 74.0 | 59.9 | 43.5 |
| 42.5° | 299.9 | 258.7 | 230.6 | 177.8 | 173.8 | 153.9 | 129.5 | 109.0 | 88.6 | 71.4 | 52.0 |
| 40° | 458.8 | 403.8 | 343.3 | 287.2 | 237.6 | 195.1 | 169.7 | 137.3 | 103.9 | 84.1 | 62.3 |
| 37.5° | 611.2 | 548.8 | 487.0 | 411.2 | 321.8 | 263.8 | 215.7 | 168.0 | 123.9 | 98.7 | 72.8 |
| 35° | 737.2 | 676.3 | 618.1 | 536.7 | 443.7 | 336.1 | 266.0 | 205.1 | 152.3 | 113.9 | 83.6 |
| 32.5° | 850.6 | 780.3 | 711.5 | 645.4 | 544.8 | 410.0 | 327.1 | 247.6 | 181.4 | 129.7 | 94.3 |
| 30° | 959.1 | 873.6 | 793.5 | 729.5 | 625.0 | 493.2 | 387.5 | 288.0 | 211.0 | 146.0 | 105.3 |
| 27.5° | 1071.7 | 967.4 | 872.5 | 798.0 | 690.0 | 564.6 | 435.1 | 326.4 | 241.1 | 163.8 | 117.2 |
| 25° | 1192.3 | 1069.8 | 964.6 | 869.9 | 755.5 | 617.7 | 477.5 | 362.8 | 272.4 | 184.4 | 128.7 |
| 22.5° | 1320.1 | 1172.3 | 1053.5 | 947.0 | 827.8 | 669.4 | 518.9 | 400.1 | 296.7 | 203.7 | 139.5 |
| 20° | 1441.0 | 1267.8 | 1134.6 | 1011.1 | 897.0 | 728.0 | 561.5 | 430.3 | 319.5 | 221.6 | 149.8 |
| 17.5° | 1561.3 | 1359.9 | 1197.5 | 1067.4 | 955.9 | 788.5 | 605.2 | 458.5 | 340.5 | 238.1 | 159.4 |
| 15° | 1674.5 | 1449.6 | 1260.6 | 1117.2 | 1003.2 | 845.5 | 647.8 | 485.0 | 359.8 | 253.1 | 169.0 |
| 12.5° | 1779.6 | 1534.2 | 1322.9 | 1160.0 | 1038.3 | 896.6 | 688.6 | 509.6 | 377.3 | 268.2 | 178.8 |
| 10° | 1873.7 | 1613.7 | 1383.8 | 1200.9 | 1068.8 | 942.0 | 727.0 | 536.7 | 399.9 | 283.1 | 188.0 |
| 7.5° | 1951.2 | 1686.3 | 1439.9 | 1239.6 | 1096.4 | 980.8 | 768.5 | 571.4 | 422.2 | 296.6 | 196.5 |
| 5° | 2017.6 | 1751.9 | 1495.6 | 1285.1 | 1128.3 | 1012.4 | 806.2 | 604.1 | 442.9 | 308.6 | 204.2 |
| 2.5° | 2077.7 | 1809.4 | 1548.0 | 1328.2 | 1158.0 | 1037.6 | 839.1 | 634.2 | 461.6 | 319.0 | 211.2 |
| 0° | 2126.9 | 1857.2 | 1593.2 | 1366.7 | 1184.7 | 1057.2 | 867.2 | 661.2 | 478.0 | 327.7 | 217.4 |
| -2.5° | 2171.4 | 1891.1 | 1630.5 | 1407.1 | 1229.1 | 1086.5 | 884.4 | 674.7 | 491.5 | 339.2 | 224.8 |
| -5° | 2204.0 | 1915.9 | 1660.8 | 1442.5 | 1268.9 | 1110.2 | 896.7 | 684.6 | 502.2 | 348.8 | 231.4 |
| -7.5° | 2255.3 | 1944.7 | 1687.8 | 1473.4 | 1303.0 | 1127.4 | 903.9 | 690.8 | 510.0 | 356.3 | 236.9 |
| -10° | 2295.3 | 1971.2 | 1712.8 | 1498.9 | 1325.4 | 1141.9 | 907.6 | 693.5 | 514.9 | 361.5 | 241.3 |
| -12.5° | 2326.5 | 1990.2 | 1729.5 | 1517.9 | 1343.2 | 1154.2 | 917.4 | 696.5 | 516.8 | 364.2 | 244.7 |
| -15° | 2350.1 | 2018.1 | 1746.9 | 1530.9 | 1358.0 | 1160.6 | 919.9 | 696.4 | 514.5 | 363.7 | 246.9 |
| -17.5° | 2357.6 | 2028.8 | 1755.6 | 1541.0 | 1368.4 | 1160.9 | 914.8 | 690.5 | 508.8 | 360.2 | 248.3 |
| -20° | 2361.3 | 2033.1 | 1752.3 | 1542.0 | 1371.6 | 1147.3 | 901.5 | 678.6 | 499.6 | 354.5 | 249.0 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|
| -22.5° | 2350.4 | 2035.0 | 1763.7 | 1540.4 | 1360.5 | 1125.8 | 879.9 | 660.9 | 486.9 | 346.6 | 248.6 |
| -25° | 2304.4 | 2025.5 | 1765.8 | 1545.8 | 1331.7 | 1095.4 | 856.6 | 642.4 | 470.5 | 336.5 | 247.2 |
| -27.5° | 2249.0 | 1990.0 | 1755.1 | 1539.0 | 1302.0 | 1059.8 | 831.6 | 626.6 | 456.4 | 324.4 | 244.6 |
| -30° | 2187.9 | 1949.1 | 1729.6 | 1514.0 | 1262.4 | 1021.2 | 801.2 | 606.0 | 443.4 | 317.1 | 241.0 |
| -32.5° | 2101.3 | 1901.6 | 1695.9 | 1461.9 | 1213.3 | 975.8 | 764.9 | 580.1 | 427.0 | 312.8 | 237.9 |
| -35° | 2017.2 | 1843.6 | 1654.7 | 1398.4 | 1155.6 | 929.7 | 725.4 | 548.9 | 407.1 | 306.9 | 234.3 |
| -37.5° | 1928.1 | 1771.8 | 1574.0 | 1324.7 | 1088.0 | 876.6 | 685.5 | 519.1 | 383.8 | 299.1 | 229.5 |
| -40° | 1847.8 | 1676.0 | 1462.3 | 1241.2 | 1017.5 | 815.4 | 640.1 | 489.9 | 368.8 | 289.6 | 223.5 |
| -42.5° | 1762.8 | 1547.6 | 1343.8 | 1143.0 | 940.3 | 755.8 | 591.1 | 457.4 | 356.5 | 280.4 | 216.2 |
| -45° | 1623.1 | 1415.5 | 1218.1 | 1037.2 | 856.9 | 690.0 | 550.3 | 424.3 | 341.8 | 270.6 | 210.1 |
| -47.5° | 1475.9 | 1279.2 | 1093.1 | 926.1 | 775.9 | 623.3 | 502.9 | 405.0 | 325.0 | 259.3 | 206.4 |
| -50° | 1322.3 | 1142.1 | 970.4 | 821.6 | 683.4 | 566.8 | 457.8 | 383.0 | 309.9 | 246.3 | 202.0 |
| -52.5° | 1164.0 | 1006.0 | 854.2 | 716.6 | 607.4 | 506.2 | 426.7 | 357.6 | 293.0 | 237.7 | 197.0 |
| -55° | 1006.1 | 874.7 | 739.4 | 626.2 | 533.4 | 461.3 | 393.2 | 333.3 | 274.3 | 230.6 | 191.7 |
| -57.5° | 858.6 | 743.4 | 640.1 | 544.8 | 474.3 | 417.7 | 361.3 | 307.3 | 262.3 | 222.6 | 188.6 |
| -60° | 716.4 | 633.0 | 545.8 | 480.2 | 424.0 | 375.9 | 329.6 | 284.1 | 251.7 | 214.5 | 184.7 |
| -62.5° | 599.8 | 530.9 | 479.5 | 424.6 | 377.1 | 337.1 | 299.3 | 269.3 | 239.6 | 208.7 | 180.1 |
| -65° | 508.2 | 463.4 | 417.9 | 375.2 | 334.0 | 302.5 | 281.5 | 254.0 | 229.7 | 202.4 | 175.0 |
| -67.5° | 436.0 | 400.0 | 364.5 | 327.0 | 301.6 | 282.0 | 262.6 | 241.9 | 220.3 | 195.4 | 169.2 |
| -70° | 372.5 | 340.4 | 318.9 | 299.4 | 279.4 | 262.0 | 248.5 | 230.9 | 210.6 | 188.1 | 163.1 |
| -72.5° | 325.1 | 308.3 | 291.9 | 274.8 | 260.7 | 247.7 | 235.1 | 219.6 | 200.8 | 180.4 | 156.6 |
| -75° | 296.0 | 282.7 | 270.2 | 257.4 | 245.1 | 233.2 | 221.6 | 207.8 | 190.6 | 172.2 | 149.9 |
| -77.5° | 275.2 | 263.8 | 251.8 | 240.1 | 229.5 | 218.6 | 207.8 | 195.7 | 180.1 | 163.7 | 142.8 |
| -80° | 254.6 | 244.5 | 234.0 | 223.8 | 213.9 | 203.8 | 194.2 | 183.6 | 169.4 | 154.7 | 135.5 |
| -82.5° | 234.0 | 224.9 | 216.2 | 207.3 | 198.7 | 190.0 | 181.0 | 171.3 | 158.5 | 145.5 | 128.6 |
| -85° | 214.8 | 207.0 | 198.9 | 190.7 | 183.4 | 176.1 | 168.2 | 160.0 | 149.3 | 138.4 | 122.9 |
| -87.5° | 198.5 | 191.8 | 184.6 | 177.3 | 171.2 | 164.9 | 157.8 | 150.7 | 141.0 | 131.3 | 117.0 |
| -90° | 4.6 | 4.6 | 5.2 | 5.7 | 5.7 | 5.7 | 6.3 | 6.8 | 6.8 | 6.8 | 7.4 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|------|
| 90° | 97.9 | 81.4 | 64.9 | 46.7 | 28.5 | 19.3 | 10.2 |
| 87.5° | 8.3 | 8.4 | 8.4 | 8.3 | 8.2 | 9.3 | 10.2 |
| 85° | 8.6 | 8.7 | 8.8 | 8.6 | 8.4 | 9.5 | 10.2 |
| 82.5° | 8.9 | 9.1 | 9.1 | 8.9 | 8.6 | 9.7 | 10.2 |
| 80° | 9.2 | 9.5 | 9.5 | 9.1 | 8.8 | 9.9 | 10.2 |
| 77.5° | 9.8 | 9.9 | 9.9 | 9.4 | 9.1 | 10.1 | 10.2 |
| 75° | 10.4 | 10.4 | 10.3 | 9.7 | 9.3 | 10.3 | 10.2 |
| 72.5° | 11.1 | 10.9 | 10.7 | 10.0 | 9.6 | 10.6 | 10.2 |
| 70° | 11.7 | 11.4 | 11.1 | 10.3 | 9.8 | 10.8 | 10.2 |
| 67.5° | 12.5 | 11.9 | 11.6 | 10.7 | 10.1 | 11.0 | 10.2 |
| 65° | 13.3 | 12.7 | 12.1 | 11.2 | 10.4 | 11.2 | 10.2 |
| 62.5° | 14.3 | 13.7 | 12.6 | 11.7 | 10.8 | 11.4 | 10.2 |
| 60° | 15.3 | 14.8 | 13.1 | 12.1 | 11.1 | 11.7 | 10.2 |
| 57.5° | 17.5 | 15.9 | 14.3 | 12.6 | 11.7 | 11.9 | 10.2 |
| 55° | 19.9 | 17.1 | 15.5 | 13.1 | 12.4 | 12.2 | 10.2 |
| 52.5° | 22.4 | 18.6 | 16.9 | 13.6 | 13.1 | 12.4 | 10.2 |
| 50° | 25.0 | 21.1 | 18.3 | 14.1 | 13.9 | 12.6 | 10.2 |
| 47.5° | 28.1 | 23.8 | 19.7 | 14.8 | 14.7 | 12.9 | 10.2 |
| 45° | 33.3 | 26.7 | 21.2 | 16.0 | 15.5 | 13.1 | 10.2 |
| 42.5° | 38.6 | 29.6 | 22.8 | 17.1 | 16.3 | 13.4 | 10.2 |
| 40° | 44.1 | 32.6 | 24.8 | 18.8 | 17.2 | 13.6 | 10.2 |
| 37.5° | 49.9 | 35.8 | 27.2 | 20.8 | 18.2 | 13.9 | 10.2 |
| 35° | 55.8 | 40.0 | 29.6 | 22.8 | 19.1 | 14.1 | 10.2 |
| 32.5° | 62.5 | 44.6 | 32.0 | 24.9 | 20.1 | 14.4 | 10.2 |
| 30° | 71.2 | 49.2 | 34.5 | 26.9 | 21.1 | 14.6 | 10.2 |
| 27.5° | 79.6 | 53.7 | 37.8 | 29.0 | 22.2 | 14.8 | 10.2 |
| 25° | 87.8 | 58.1 | 41.1 | 31.1 | 23.2 | 15.1 | 10.2 |
| 22.5° | 95.7 | 62.7 | 44.4 | 33.1 | 24.3 | 15.3 | 10.2 |
| 20° | 103.3 | 67.9 | 47.6 | 35.2 | 25.3 | 15.6 | 10.2 |
| 17.5° | 111.1 | 72.9 | 50.7 | 37.2 | 26.4 | 15.8 | 10.2 |
| 15° | 118.9 | 77.8 | 53.8 | 39.2 | 27.4 | 16.0 | 10.2 |
| 12.5° | 126.2 | 82.5 | 56.7 | 41.2 | 28.4 | 16.2 | 10.2 |
| 10° | 133.0 | 87.0 | 59.5 | 43.1 | 29.4 | 16.4 | 10.2 |
| 7.5° | 139.3 | 91.2 | 62.2 | 45.0 | 30.4 | 16.6 | 10.2 |
| 5° | 145.1 | 95.2 | 64.7 | 46.8 | 31.3 | 16.8 | 10.2 |
| 2.5° | 150.2 | 99.0 | 67.1 | 48.5 | 32.2 | 16.9 | 10.2 |
| 0° | 154.8 | 102.4 | 69.4 | 50.1 | 33.0 | 17.1 | 10.2 |
| -2.5° | 160.1 | 106.5 | 72.6 | 52.2 | 34.3 | 17.7 | 10.2 |
| -5° | 164.8 | 110.3 | 75.7 | 54.2 | 35.5 | 18.3 | 10.2 |
| -7.5° | 168.8 | 113.8 | 78.6 | 56.1 | 36.6 | 18.9 | 10.2 |
| -10° | 172.2 | 116.9 | 81.3 | 57.9 | 37.7 | 19.4 | 10.2 |
| -12.5° | 174.8 | 119.6 | 83.8 | 59.6 | 38.7 | 20.0 | 10.2 |
| -15° | 176.7 | 122.0 | 86.1 | 61.1 | 39.6 | 20.5 | 10.2 |
| -17.5° | 177.8 | 124.0 | 88.1 | 62.5 | 40.4 | 21.0 | 10.2 |
| -20° | 178.7 | 125.6 | 89.9 | 63.7 | 41.2 | 21.4 | 10.2 |



REPORT NUMBER: P1305776 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680R-40-80-4S-VHE-A

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|------|-------|------|
| -22.5° | 179.6 | 126.8 | 91.4 | 64.8 | 41.9 | 21.9 | 10.2 |
| -25° | 179.6 | 128.3 | 92.7 | 65.7 | 42.5 | 22.3 | 10.2 |
| -27.5° | 178.8 | 129.6 | 93.7 | 66.4 | 43.0 | 22.6 | 10.2 |
| -30° | 177.3 | 130.5 | 94.4 | 67.0 | 43.4 | 22.9 | 10.2 |
| -32.5° | 174.8 | 130.9 | 95.7 | 67.4 | 43.7 | 23.2 | 10.2 |
| -35° | 173.9 | 130.9 | 96.7 | 67.7 | 44.0 | 23.5 | 10.2 |
| -37.5° | 173.4 | 130.9 | 97.4 | 67.8 | 44.2 | 23.7 | 10.2 |
| -40° | 172.3 | 131.5 | 97.8 | 67.7 | 44.2 | 23.9 | 10.2 |
| -42.5° | 170.5 | 131.7 | 98.2 | 67.6 | 44.2 | 24.0 | 10.2 |
| -45° | 167.9 | 131.6 | 98.4 | 67.7 | 44.1 | 24.1 | 10.2 |
| -47.5° | 164.8 | 131.1 | 98.2 | 67.7 | 43.9 | 24.1 | 10.2 |
| -50° | 163.2 | 130.3 | 97.9 | 67.7 | 43.7 | 24.1 | 10.2 |
| -52.5° | 161.4 | 129.1 | 97.2 | 67.6 | 43.3 | 24.1 | 10.2 |
| -55° | 159.2 | 127.5 | 96.2 | 67.3 | 42.9 | 24.0 | 10.2 |
| -57.5° | 156.7 | 125.6 | 95.0 | 66.8 | 42.3 | 23.9 | 10.2 |
| -60° | 153.7 | 123.3 | 93.5 | 66.1 | 41.7 | 23.8 | 10.2 |
| -62.5° | 150.3 | 120.7 | 92.2 | 65.3 | 41.1 | 23.6 | 10.2 |
| -65° | 146.5 | 117.7 | 90.7 | 64.3 | 40.4 | 23.3 | 10.2 |
| -67.5° | 142.2 | 114.7 | 88.9 | 63.2 | 39.5 | 23.1 | 10.2 |
| -70° | 137.5 | 111.6 | 86.9 | 61.8 | 38.6 | 22.8 | 10.2 |
| -72.5° | 132.8 | 108.2 | 84.7 | 60.4 | 37.6 | 22.4 | 10.2 |
| -75° | 127.7 | 104.5 | 82.2 | 58.8 | 36.5 | 22.1 | 10.2 |
| -77.5° | 122.3 | 100.5 | 79.7 | 57.1 | 35.3 | 21.7 | 10.2 |
| -80° | 116.6 | 96.8 | 77.1 | 55.3 | 34.1 | 21.3 | 10.2 |
| -82.5° | 112.0 | 93.2 | 74.3 | 53.3 | 32.8 | 20.8 | 10.2 |
| -85° | 107.5 | 89.4 | 71.3 | 51.2 | 31.4 | 20.4 | 10.2 |
| -87.5° | 102.8 | 85.5 | 68.2 | 49.0 | 30.0 | 19.9 | 10.2 |
| -90° | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.1 | 10.2 |

(END OF REPORT)