

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

Brand: EPHESUS

Report Number: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-LS12-1000R-40-70-4S-HEG**

Issue Date: 11/14/2025

Test Information

Test Method: LM-79-08
Report Number: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2509-549-4)
Test Lab: INNOVATION CENTER
Issue Date: 11/14/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: EPHESUS
Catalog Number: EPH-LS12-1000R-40-70-4S-HEG
Description: EPHESUS LS12 LUMINAIRE
(12) 4000K, 70 CRI LEDS AND 4S BEAM SHAPE
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

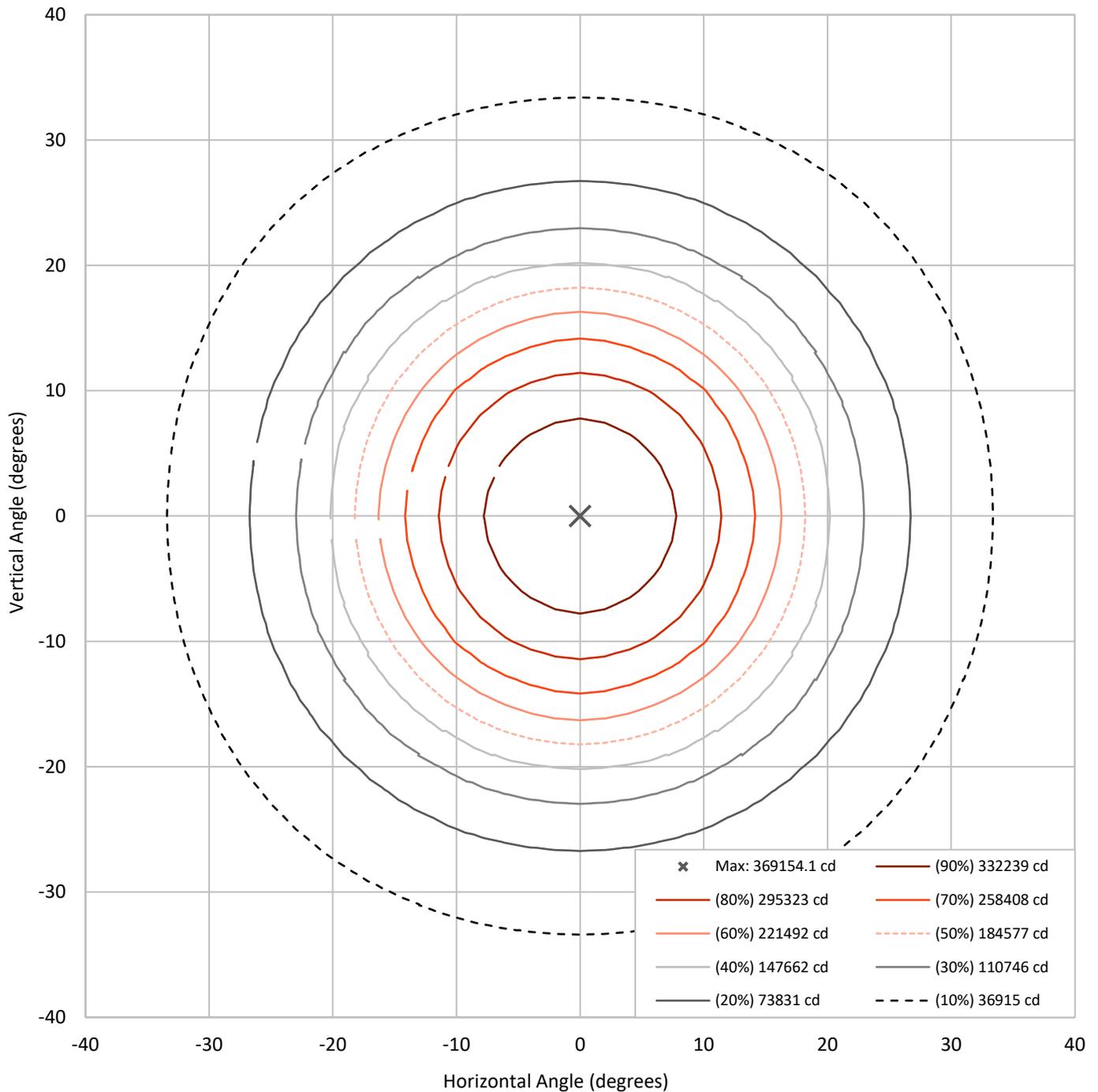
| | | | |
|-------------------|--|----------------------|------------------|
| Lumens per Lamp: | N/A | NEMA Type: | 4H x 4V |
| Luminaire Lumens: | 168529.8 lumens | Max Intensity: | 369154.1 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 0°V |
| Efficacy: | 161.9 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.83' x L: 0.79' x H: 0') | | |
| Beam Angle (50%): | 36.4°H x 36.4°V | Field Angle (10%): | 66.7°H x 66.7°V |
| Beam Lumens: | 85493.9 lumens | Field Lumens: | 147578.5 lumens |
| Beam Efficiency: | 50.7% | Field Efficiency: | 87.6% |

Input Watts (W): 1041
Input Voltage (V): NR
Input Current (A_{in}): 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: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

Iso-Candela Plot



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)

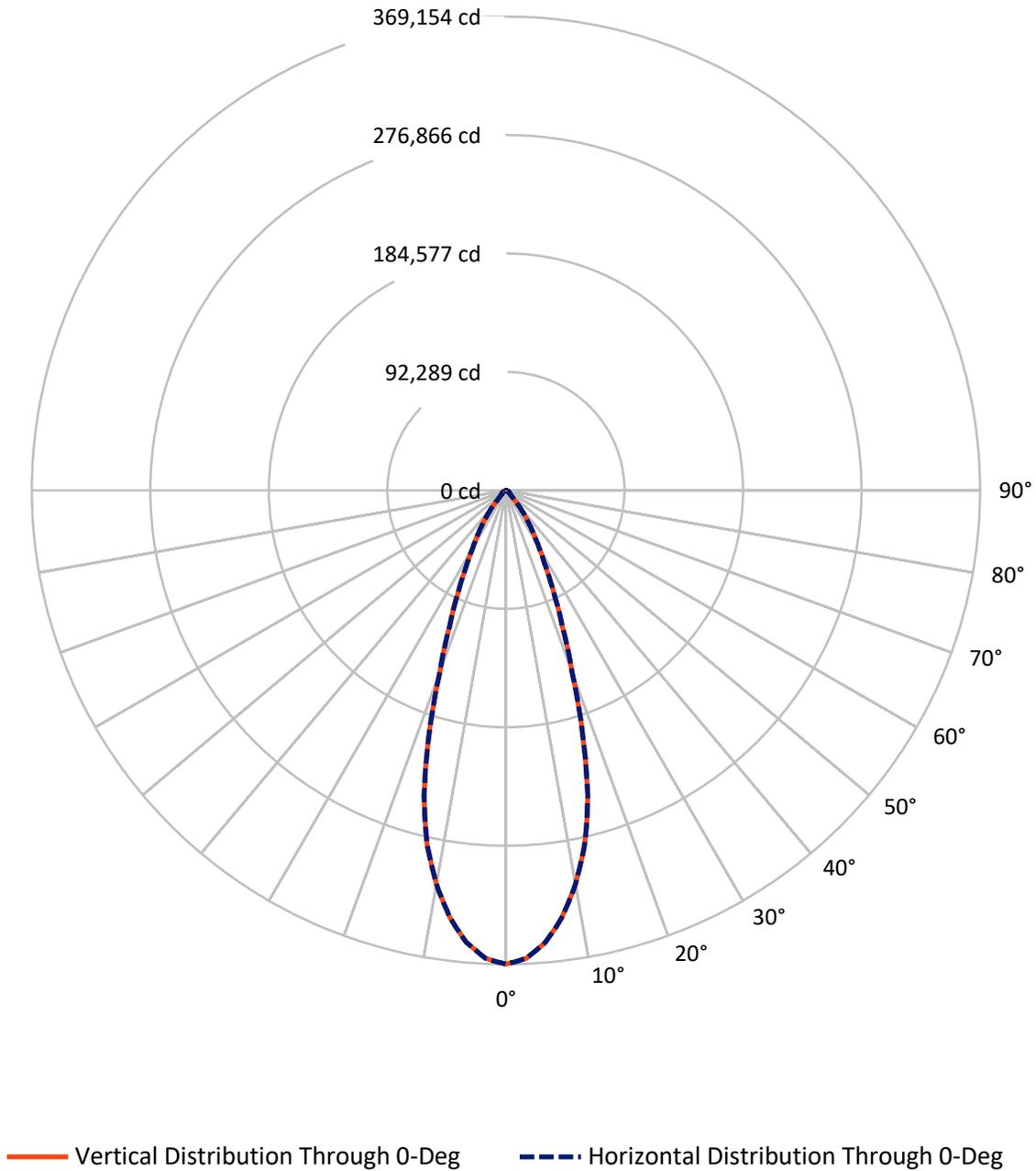
CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

Lumen Table

| | | | | | | | | | | | | | | | | |
|-----|-----|------|------|-------|-------|--------|--------|--------|--------|--------|--------|-------|-------|------|------|-----|
| 90 | | | | | | | | | | | | | | | | |
| 80 | 0.1 | 0.7 | | 4.4 | | 12.2 | | 16.3 | | 12.2 | | 4.4 | | 0.7 | 0.1 | |
| 70 | | | | | | | | | | | | | | | | |
| 60 | 0.3 | 0.6 | 3.2 | 9.4 | 19.5 | 31.4 | 41.4 | 47.0 | 47.0 | 41.4 | 31.4 | 19.5 | 9.4 | 3.2 | 0.6 | 0.3 |
| 50 | | 2.4 | 11.2 | 29.7 | 52.4 | 71.8 | 86.8 | 95.3 | 95.3 | 86.8 | 71.8 | 52.4 | 29.7 | 11.2 | 2.4 | |
| 40 | 1.6 | 5.8 | 24.3 | 52.1 | 80.5 | 113.8 | 158.7 | 202.9 | 202.9 | 158.7 | 113.8 | 80.5 | 52.1 | 24.3 | 5.8 | 1.6 |
| 30 | | 10.4 | 37.0 | 69.7 | 121.7 | 303.5 | 649.9 | 911.4 | 911.4 | 649.9 | 303.5 | 121.7 | 69.7 | 37.0 | 10.4 | |
| 20 | 3.7 | 15.2 | 45.8 | 89.3 | 276.2 | 886.9 | 1775.0 | 2632.2 | 2632.2 | 1775.0 | 886.9 | 276.2 | 89.3 | 45.8 | 15.2 | 3.7 |
| 10 | | 18.8 | 52.0 | 117.4 | 556.9 | 1671.6 | 4064.7 | 6735.1 | 6735.1 | 4064.7 | 1671.6 | 556.9 | 117.4 | 52.0 | 18.8 | |
| 0 | 4.7 | 20.6 | 55.4 | 146.4 | 757.7 | 2409.7 | 6545.8 | 9982.6 | 9982.6 | 6545.8 | 2409.7 | 757.7 | 146.4 | 55.4 | 20.6 | 4.7 |
| -10 | | 20.6 | 55.4 | 146.4 | 757.7 | 2409.7 | 6545.8 | 9982.6 | 9982.6 | 6545.8 | 2409.7 | 757.7 | 146.4 | 55.4 | 20.6 | |
| -20 | 3.7 | 18.8 | 52.0 | 117.4 | 556.9 | 1671.6 | 4064.7 | 6735.1 | 6735.1 | 4064.7 | 1671.6 | 556.9 | 117.4 | 52.0 | 18.8 | 3.7 |
| -30 | | 15.2 | 45.8 | 89.3 | 276.2 | 886.9 | 1775.0 | 2632.2 | 2632.2 | 1775.0 | 886.9 | 276.2 | 89.3 | 45.8 | 15.2 | |
| -40 | 1.6 | 10.4 | 37.0 | 69.7 | 121.7 | 303.5 | 649.9 | 911.4 | 911.4 | 649.9 | 303.5 | 121.7 | 69.7 | 37.0 | 10.4 | 1.6 |
| -50 | | 5.8 | 24.3 | 52.1 | 80.5 | 113.8 | 158.7 | 202.9 | 202.9 | 158.7 | 113.8 | 80.5 | 52.1 | 24.3 | 5.8 | |
| -60 | 0.3 | 2.4 | 11.2 | 29.7 | 52.4 | 71.8 | 86.8 | 95.3 | 95.3 | 86.8 | 71.8 | 52.4 | 29.7 | 11.2 | 2.4 | 0.3 |
| -70 | | 0.6 | 3.2 | 9.4 | 19.5 | 31.4 | 41.4 | 47.0 | 47.0 | 41.4 | 31.4 | 19.5 | 9.4 | 3.2 | 0.6 | |
| -80 | | | | | | | | | | | | | | | | |
| -90 | 0.1 | 0.7 | | 4.4 | | 12.2 | | 16.3 | | 12.2 | | 4.4 | | 0.7 | 0.1 | |

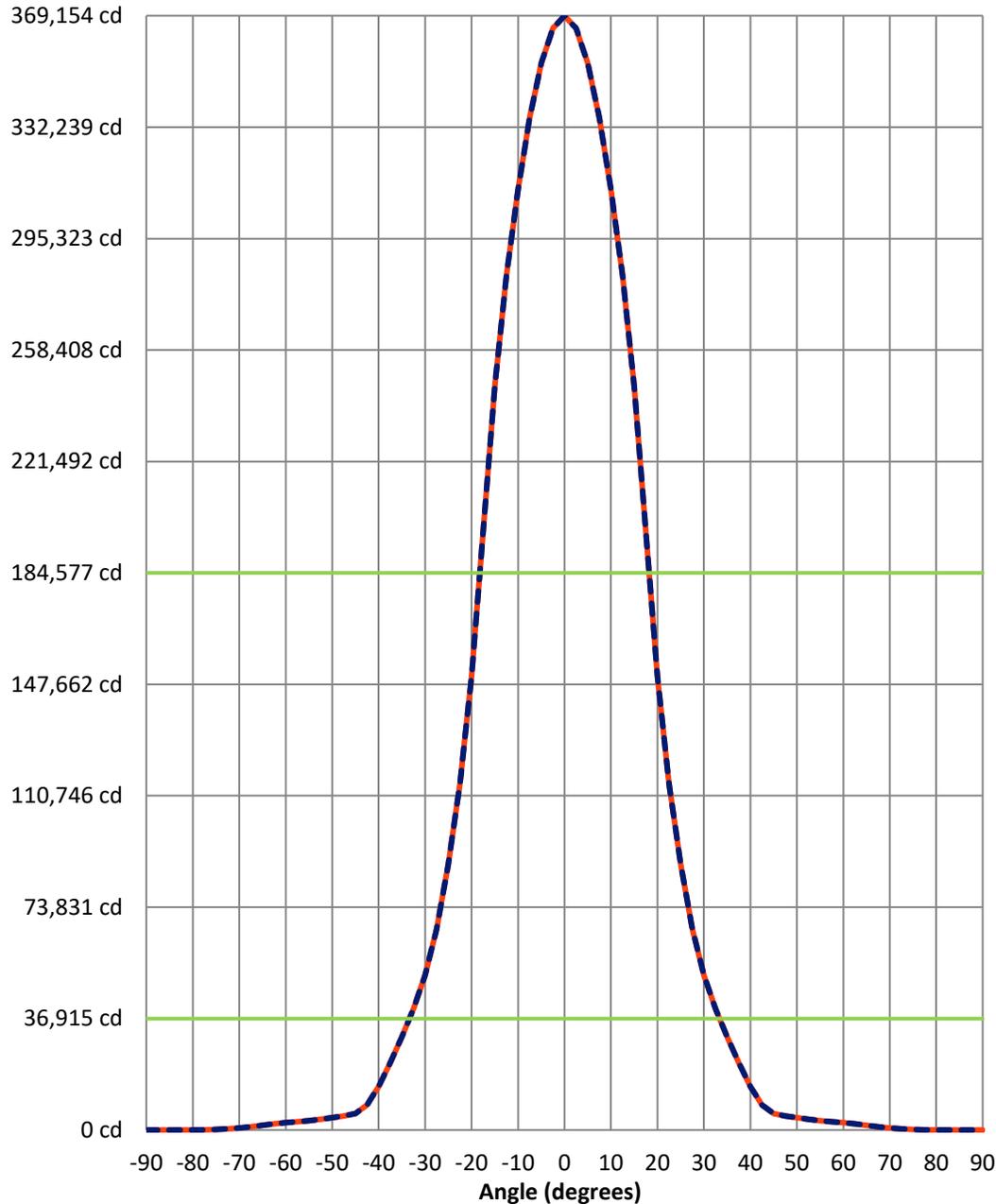
REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 36.4°
 V Angle: 36.4°
 Lumens: 85493.9
 Efficiency: 50.7%

Field:
 H Angle: 66.7°
 V Angle: 66.7°
 Lumens: 147578.5
 Efficiency: 87.6%

Spill:
 Lumens: 20951.3
 Efficiency: 12.4%

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



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 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

FIELD
 BEAM

CANDELA DISTRIBUTION:

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.3 | 1.6 | 1.8 | 2.1 | 2.3 | 2.5 |
| 85° | 0.0 | 0.5 | 1.0 | 1.6 | 2.1 | 2.6 | 3.1 | 3.6 | 4.1 | 4.6 | 5.1 |
| 82.5° | 0.0 | 0.8 | 1.6 | 2.3 | 3.1 | 3.9 | 4.6 | 5.4 | 6.0 | 6.1 | 6.3 |
| 80° | 0.0 | 1.0 | 2.1 | 3.1 | 4.1 | 5.2 | 6.0 | 6.2 | 6.4 | 6.5 | 6.7 |
| 77.5° | 0.0 | 1.3 | 2.6 | 3.9 | 5.2 | 6.1 | 6.3 | 6.5 | 6.7 | 6.9 | 7.5 |
| 75° | 0.0 | 1.6 | 3.1 | 4.6 | 6.0 | 6.3 | 6.5 | 6.8 | 7.2 | 8.4 | 9.6 |
| 72.5° | 0.0 | 1.8 | 3.6 | 5.4 | 6.2 | 6.5 | 6.8 | 7.4 | 8.8 | 10.2 | 11.6 |
| 70° | 0.0 | 2.1 | 4.1 | 6.0 | 6.4 | 6.7 | 7.2 | 8.8 | 10.4 | 12.2 | 19.1 |
| 67.5° | 0.0 | 2.3 | 4.6 | 6.1 | 6.5 | 6.9 | 8.4 | 10.2 | 12.2 | 20.1 | 27.9 |
| 65° | 0.0 | 2.5 | 5.1 | 6.3 | 6.7 | 7.5 | 9.6 | 11.6 | 19.1 | 27.9 | 39.7 |
| 62.5° | 0.0 | 2.8 | 5.5 | 6.4 | 6.8 | 8.5 | 10.7 | 16.2 | 26.0 | 37.5 | 58.6 |
| 60° | 0.0 | 3.0 | 6.0 | 6.5 | 7.0 | 9.4 | 11.9 | 22.1 | 32.6 | 54.2 | 77.1 |
| 57.5° | 0.0 | 3.2 | 6.1 | 6.6 | 7.7 | 10.4 | 16.3 | 27.8 | 45.5 | 70.6 | 113.5 |
| 55° | 0.0 | 3.4 | 6.1 | 6.7 | 8.4 | 11.3 | 21.1 | 33.4 | 59.7 | 91.8 | 157.6 |
| 52.5° | 0.0 | 3.7 | 6.2 | 6.8 | 9.1 | 12.6 | 25.8 | 44.7 | 73.5 | 130.4 | 200.5 |
| 50° | 0.0 | 3.9 | 6.3 | 6.9 | 9.8 | 16.4 | 30.3 | 56.4 | 92.8 | 167.9 | 266.6 |
| 47.5° | 0.0 | 4.1 | 6.4 | 7.1 | 10.5 | 20.0 | 35.4 | 67.7 | 125.0 | 204.2 | 333.5 |
| 45° | 0.0 | 4.2 | 6.4 | 7.6 | 11.1 | 23.5 | 44.7 | 78.6 | 156.0 | 261.5 | 397.9 |
| 42.5° | 0.0 | 4.4 | 6.5 | 8.0 | 11.7 | 26.8 | 53.6 | 98.1 | 185.8 | 317.2 | 478.8 |
| 40° | 0.0 | 4.6 | 6.5 | 8.5 | 13.3 | 30.0 | 62.1 | 122.9 | 220.3 | 370.4 | 559.3 |
| 37.5° | 0.0 | 4.8 | 6.6 | 8.9 | 15.7 | 33.0 | 70.2 | 146.5 | 265.1 | 426.1 | 636.1 |
| 35° | 0.0 | 4.9 | 6.6 | 9.3 | 18.0 | 38.2 | 77.9 | 168.9 | 307.6 | 491.3 | 722.2 |
| 32.5° | 0.0 | 5.1 | 6.7 | 9.6 | 20.1 | 44.2 | 88.3 | 189.9 | 347.7 | 552.7 | 823.8 |
| 30° | 0.0 | 5.2 | 6.7 | 10.0 | 22.1 | 49.7 | 105.1 | 212.7 | 385.1 | 610.3 | 919.0 |
| 27.5° | 0.0 | 5.3 | 6.8 | 10.3 | 24.0 | 54.9 | 120.7 | 243.0 | 424.6 | 663.8 | 1007.6 |
| 25° | 0.0 | 5.4 | 6.8 | 10.6 | 25.7 | 59.7 | 135.0 | 270.9 | 468.1 | 728.5 | 1090.1 |
| 22.5° | 0.0 | 5.5 | 6.8 | 10.9 | 27.2 | 64.1 | 148.1 | 296.3 | 507.9 | 795.2 | 1179.6 |
| 20° | 0.0 | 5.6 | 6.9 | 11.1 | 28.6 | 68.0 | 159.9 | 319.2 | 543.7 | 855.3 | 1260.4 |
| 17.5° | 0.0 | 5.7 | 6.9 | 11.3 | 29.9 | 71.5 | 170.4 | 339.6 | 575.5 | 908.7 | 1332.3 |
| 15° | 0.0 | 5.8 | 6.9 | 11.5 | 31.0 | 74.5 | 179.5 | 357.3 | 603.3 | 955.4 | 1395.0 |
| 12.5° | 0.0 | 5.9 | 7.0 | 11.6 | 31.9 | 77.1 | 187.3 | 372.4 | 626.9 | 995.0 | 1448.5 |
| 10° | 0.0 | 5.9 | 7.0 | 11.8 | 32.6 | 79.2 | 193.6 | 384.8 | 646.3 | 1027.7 | 1492.4 |
| 7.5° | 0.0 | 5.9 | 7.0 | 11.9 | 33.2 | 80.9 | 198.6 | 394.5 | 661.5 | 1053.1 | 1526.7 |
| 5° | 0.0 | 6.0 | 7.0 | 11.9 | 33.7 | 82.1 | 202.1 | 401.4 | 672.3 | 1071.4 | 1551.3 |
| 2.5° | 0.0 | 6.0 | 7.0 | 12.0 | 33.9 | 82.8 | 204.3 | 405.6 | 678.8 | 1082.3 | 1566.1 |
| 0° | 0.0 | 6.0 | 7.0 | 12.0 | 34.0 | 83.0 | 205.0 | 407.0 | 681.0 | 1086.0 | 1571.0 |
| -2.5° | 0.0 | 6.0 | 7.0 | 12.0 | 33.9 | 82.8 | 204.3 | 405.6 | 678.8 | 1082.3 | 1566.1 |
| -5° | 0.0 | 6.0 | 7.0 | 11.9 | 33.7 | 82.1 | 202.1 | 401.4 | 672.3 | 1071.4 | 1551.3 |
| -7.5° | 0.0 | 5.9 | 7.0 | 11.9 | 33.2 | 80.9 | 198.6 | 394.5 | 661.5 | 1053.1 | 1526.7 |
| -10° | 0.0 | 5.9 | 7.0 | 11.8 | 32.6 | 79.2 | 193.6 | 384.8 | 646.3 | 1027.7 | 1492.4 |
| -12.5° | 0.0 | 5.9 | 7.0 | 11.6 | 31.9 | 77.1 | 187.3 | 372.4 | 626.9 | 995.0 | 1448.5 |
| -15° | 0.0 | 5.8 | 6.9 | 11.5 | 31.0 | 74.5 | 179.5 | 357.3 | 603.3 | 955.4 | 1395.0 |
| -17.5° | 0.0 | 5.7 | 6.9 | 11.3 | 29.9 | 71.5 | 170.4 | 339.6 | 575.5 | 908.7 | 1332.3 |
| -20° | 0.0 | 5.6 | 6.9 | 11.1 | 28.6 | 68.0 | 159.9 | 319.2 | 543.7 | 855.3 | 1260.4 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | -90° | -87.5° | -85° | -82.5° | -80° | -77.5° | -75° | -72.5° | -70° | -67.5° | -65° |
|--------|------|--------|------|--------|------|--------|-------|--------|-------|--------|--------|
| -22.5° | 0.0 | 5.5 | 6.8 | 10.9 | 27.2 | 64.1 | 148.1 | 296.3 | 507.9 | 795.2 | 1179.6 |
| -25° | 0.0 | 5.4 | 6.8 | 10.6 | 25.7 | 59.7 | 135.0 | 270.9 | 468.1 | 728.5 | 1090.1 |
| -27.5° | 0.0 | 5.3 | 6.8 | 10.3 | 24.0 | 54.9 | 120.7 | 243.0 | 424.6 | 663.8 | 1007.6 |
| -30° | 0.0 | 5.2 | 6.7 | 10.0 | 22.1 | 49.7 | 105.1 | 212.7 | 385.1 | 610.3 | 919.0 |
| -32.5° | 0.0 | 5.1 | 6.7 | 9.6 | 20.1 | 44.2 | 88.3 | 189.9 | 347.7 | 552.7 | 823.8 |
| -35° | 0.0 | 4.9 | 6.6 | 9.3 | 18.0 | 38.2 | 77.9 | 168.9 | 307.6 | 491.3 | 722.2 |
| -37.5° | 0.0 | 4.8 | 6.6 | 8.9 | 15.7 | 33.0 | 70.2 | 146.5 | 265.1 | 426.1 | 636.1 |
| -40° | 0.0 | 4.6 | 6.5 | 8.5 | 13.3 | 30.0 | 62.1 | 122.9 | 220.3 | 370.4 | 559.3 |
| -42.5° | 0.0 | 4.4 | 6.5 | 8.0 | 11.7 | 26.8 | 53.6 | 98.1 | 185.8 | 317.2 | 478.8 |
| -45° | 0.0 | 4.2 | 6.4 | 7.6 | 11.1 | 23.5 | 44.7 | 78.6 | 156.0 | 261.5 | 397.9 |
| -47.5° | 0.0 | 4.1 | 6.4 | 7.1 | 10.5 | 20.0 | 35.4 | 67.7 | 125.0 | 204.2 | 333.5 |
| -50° | 0.0 | 3.9 | 6.3 | 6.9 | 9.8 | 16.4 | 30.3 | 56.4 | 92.8 | 167.9 | 266.6 |
| -52.5° | 0.0 | 3.7 | 6.2 | 6.8 | 9.1 | 12.6 | 25.8 | 44.7 | 73.5 | 130.4 | 200.5 |
| -55° | 0.0 | 3.4 | 6.1 | 6.7 | 8.4 | 11.3 | 21.1 | 33.4 | 59.7 | 91.8 | 157.6 |
| -57.5° | 0.0 | 3.2 | 6.1 | 6.6 | 7.7 | 10.4 | 16.3 | 27.8 | 45.5 | 70.6 | 113.5 |
| -60° | 0.0 | 3.0 | 6.0 | 6.5 | 7.0 | 9.4 | 11.9 | 22.1 | 32.6 | 54.2 | 77.1 |
| -62.5° | 0.0 | 2.8 | 5.5 | 6.4 | 6.8 | 8.5 | 10.7 | 16.2 | 26.0 | 37.5 | 58.6 |
| -65° | 0.0 | 2.5 | 5.1 | 6.3 | 6.7 | 7.5 | 9.6 | 11.6 | 19.1 | 27.9 | 39.7 |
| -67.5° | 0.0 | 2.3 | 4.6 | 6.1 | 6.5 | 6.9 | 8.4 | 10.2 | 12.2 | 20.1 | 27.9 |
| -70° | 0.0 | 2.1 | 4.1 | 6.0 | 6.4 | 6.7 | 7.2 | 8.8 | 10.4 | 12.2 | 19.1 |
| -72.5° | 0.0 | 1.8 | 3.6 | 5.4 | 6.2 | 6.5 | 6.8 | 7.4 | 8.8 | 10.2 | 11.6 |
| -75° | 0.0 | 1.6 | 3.1 | 4.6 | 6.0 | 6.3 | 6.5 | 6.8 | 7.2 | 8.4 | 9.6 |
| -77.5° | 0.0 | 1.3 | 2.6 | 3.9 | 5.2 | 6.1 | 6.3 | 6.5 | 6.7 | 6.9 | 7.5 |
| -80° | 0.0 | 1.0 | 2.1 | 3.1 | 4.1 | 5.2 | 6.0 | 6.2 | 6.4 | 6.5 | 6.7 |
| -82.5° | 0.0 | 0.8 | 1.6 | 2.3 | 3.1 | 3.9 | 4.6 | 5.4 | 6.0 | 6.1 | 6.3 |
| -85° | 0.0 | 0.5 | 1.0 | 1.6 | 2.1 | 2.6 | 3.1 | 3.6 | 4.1 | 4.6 | 5.1 |
| -87.5° | 0.0 | 0.3 | 0.5 | 0.8 | 1.0 | 1.3 | 1.6 | 1.8 | 2.1 | 2.3 | 2.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.8 | 3.0 | 3.2 | 3.4 | 3.7 | 3.9 | 4.1 | 4.2 | 4.4 | 4.6 | 4.8 |
| 85° | 5.5 | 6.0 | 6.1 | 6.1 | 6.2 | 6.3 | 6.4 | 6.4 | 6.5 | 6.5 | 6.6 |
| 82.5° | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.1 | 7.6 | 8.0 | 8.5 | 8.9 |
| 80° | 6.8 | 7.0 | 7.7 | 8.4 | 9.1 | 9.8 | 10.5 | 11.1 | 11.7 | 13.3 | 15.7 |
| 77.5° | 8.5 | 9.4 | 10.4 | 11.3 | 12.6 | 16.4 | 20.0 | 23.5 | 26.8 | 30.0 | 33.0 |
| 75° | 10.7 | 11.9 | 16.3 | 21.1 | 25.8 | 30.3 | 35.4 | 44.7 | 53.6 | 62.1 | 70.2 |
| 72.5° | 16.2 | 22.1 | 27.8 | 33.4 | 44.7 | 56.4 | 67.7 | 78.6 | 98.1 | 122.9 | 146.5 |
| 70° | 26.0 | 32.6 | 45.5 | 59.7 | 73.5 | 92.8 | 125.0 | 156.0 | 185.8 | 220.3 | 265.1 |
| 67.5° | 37.5 | 54.2 | 70.6 | 91.8 | 130.4 | 167.9 | 204.2 | 261.5 | 317.2 | 370.4 | 426.1 |
| 65° | 58.6 | 77.1 | 113.5 | 157.6 | 200.5 | 266.6 | 333.5 | 397.9 | 478.8 | 559.3 | 636.1 |
| 62.5° | 79.3 | 124.4 | 174.0 | 233.9 | 312.1 | 388.1 | 481.2 | 577.6 | 670.4 | 796.8 | 922.3 |
| 60° | 124.4 | 179.5 | 252.2 | 339.6 | 431.2 | 543.7 | 652.8 | 795.2 | 945.3 | 1090.1 | 1254.9 |
| 57.5° | 174.0 | 252.2 | 348.8 | 456.3 | 581.5 | 714.1 | 889.0 | 1058.3 | 1248.4 | 1436.2 | 1617.1 |
| 55° | 233.9 | 339.6 | 456.3 | 594.1 | 751.7 | 945.8 | 1144.0 | 1362.9 | 1574.4 | 1783.5 | 1983.8 |
| 52.5° | 312.1 | 431.2 | 581.5 | 751.7 | 964.8 | 1189.9 | 1432.3 | 1670.1 | 1904.0 | 2116.5 | 2286.2 |
| 50° | 388.1 | 543.7 | 714.1 | 945.8 | 1189.9 | 1455.5 | 1718.4 | 1977.0 | 2193.6 | 2383.4 | 2539.7 |
| 47.5° | 481.2 | 652.8 | 889.0 | 1144.0 | 1432.3 | 1718.4 | 2001.4 | 2232.5 | 2442.3 | 2599.2 | 2745.5 |
| 45° | 577.6 | 795.2 | 1058.3 | 1362.9 | 1670.1 | 1977.0 | 2232.5 | 2462.0 | 2629.2 | 2797.6 | 2982.7 |
| 42.5° | 670.4 | 945.3 | 1248.4 | 1574.4 | 1904.0 | 2193.6 | 2442.3 | 2629.2 | 2815.7 | 3019.5 | 3252.7 |
| 40° | 796.8 | 1090.1 | 1436.2 | 1783.5 | 2116.5 | 2383.4 | 2599.2 | 2797.6 | 3019.5 | 3277.6 | 3554.4 |
| 37.5° | 922.3 | 1254.9 | 1617.1 | 1983.8 | 2286.2 | 2539.7 | 2745.5 | 2982.7 | 3252.7 | 3554.4 | 3898.2 |
| 35° | 1041.4 | 1411.6 | 1793.0 | 2152.2 | 2448.2 | 2670.4 | 2909.7 | 3178.4 | 3503.7 | 3867.5 | 4232.9 |
| 32.5° | 1167.4 | 1559.7 | 1959.5 | 2294.3 | 2566.9 | 2801.8 | 3068.1 | 3403.2 | 3776.0 | 4170.1 | 4554.8 |
| 30° | 1293.8 | 1702.5 | 2106.2 | 2428.1 | 2675.6 | 2941.1 | 3254.7 | 3625.3 | 4045.9 | 4458.7 | 4958.2 |
| 27.5° | 1411.6 | 1836.0 | 2221.0 | 2530.4 | 2781.4 | 3071.7 | 3441.4 | 3862.8 | 4300.9 | 4764.2 | 5391.5 |
| 25° | 1520.4 | 1959.5 | 2327.3 | 2617.4 | 2893.6 | 3221.9 | 3624.0 | 4084.4 | 4539.5 | 5144.6 | 6593.9 |
| 22.5° | 1621.3 | 2071.9 | 2424.7 | 2697.2 | 2996.6 | 3370.1 | 3813.7 | 4289.4 | 4806.7 | 5539.0 | 7921.3 |
| 20° | 1713.8 | 2152.2 | 2500.2 | 2772.0 | 3090.1 | 3504.8 | 3986.4 | 4476.4 | 5106.7 | 6671.6 | 10052.2 |
| 17.5° | 1796.1 | 2223.7 | 2559.1 | 2848.6 | 3196.1 | 3635.8 | 4141.2 | 4644.4 | 5376.7 | 7693.3 | 12407.6 |
| 15° | 1868.1 | 2286.2 | 2610.7 | 2915.7 | 3293.3 | 3761.1 | 4277.5 | 4854.2 | 5950.2 | 8890.4 | 14513.7 |
| 12.5° | 1929.3 | 2339.5 | 2654.7 | 2973.0 | 3376.3 | 3868.2 | 4394.4 | 5042.8 | 6667.3 | 10551.8 | 16846.7 |
| 10° | 1979.7 | 2383.4 | 2691.0 | 3020.2 | 3444.8 | 3956.7 | 4490.9 | 5199.0 | 7262.0 | 11932.3 | 18789.5 |
| 7.5° | 2019.1 | 2417.7 | 2719.3 | 3057.2 | 3498.5 | 4026.1 | 4566.7 | 5321.7 | 7729.8 | 13019.6 | 20322.8 |
| 5° | 2047.4 | 2442.3 | 2739.7 | 3083.7 | 3537.1 | 4076.0 | 4621.2 | 5410.0 | 8066.7 | 13803.9 | 21430.3 |
| 2.5° | 2064.3 | 2457.1 | 2751.9 | 3099.7 | 3560.3 | 4106.0 | 4654.0 | 5463.2 | 8270.0 | 14277.6 | 22099.8 |
| 0° | 2070.0 | 2462.0 | 2756.0 | 3105.0 | 3568.0 | 4116.0 | 4665.0 | 5481.0 | 8338.0 | 14436.0 | 22323.9 |
| -2.5° | 2064.3 | 2457.1 | 2751.9 | 3099.7 | 3560.3 | 4106.0 | 4654.0 | 5463.2 | 8270.0 | 14277.6 | 22099.8 |
| -5° | 2047.4 | 2442.3 | 2739.7 | 3083.7 | 3537.1 | 4076.0 | 4621.2 | 5410.0 | 8066.7 | 13803.9 | 21430.3 |
| -7.5° | 2019.1 | 2417.7 | 2719.3 | 3057.2 | 3498.5 | 4026.1 | 4566.7 | 5321.7 | 7729.8 | 13019.6 | 20322.8 |
| -10° | 1979.7 | 2383.4 | 2691.0 | 3020.2 | 3444.8 | 3956.7 | 4490.9 | 5199.0 | 7262.0 | 11932.3 | 18789.5 |
| -12.5° | 1929.3 | 2339.5 | 2654.7 | 2973.0 | 3376.3 | 3868.2 | 4394.4 | 5042.8 | 6667.3 | 10551.8 | 16846.7 |
| -15° | 1868.1 | 2286.2 | 2610.7 | 2915.7 | 3293.3 | 3761.1 | 4277.5 | 4854.2 | 5950.2 | 8890.4 | 14513.7 |
| -17.5° | 1796.1 | 2223.7 | 2559.1 | 2848.6 | 3196.1 | 3635.8 | 4141.2 | 4644.4 | 5376.7 | 7693.3 | 12407.6 |
| -20° | 1713.8 | 2152.2 | 2500.2 | 2772.0 | 3090.1 | 3504.8 | 3986.4 | 4476.4 | 5106.7 | 6671.6 | 10052.2 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | -62.5° | -60° | -57.5° | -55° | -52.5° | -50° | -47.5° | -45° | -42.5° | -40° | -37.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 1621.3 | 2071.9 | 2424.7 | 2697.2 | 2996.6 | 3370.1 | 3813.7 | 4289.4 | 4806.7 | 5539.0 | 7921.3 |
| -25° | 1520.4 | 1959.5 | 2327.3 | 2617.4 | 2893.6 | 3221.9 | 3624.0 | 4084.4 | 4539.5 | 5144.6 | 6593.9 |
| -27.5° | 1411.6 | 1836.0 | 2221.0 | 2530.4 | 2781.4 | 3071.7 | 3441.4 | 3862.8 | 4300.9 | 4764.2 | 5391.5 |
| -30° | 1293.8 | 1702.5 | 2106.2 | 2428.1 | 2675.6 | 2941.1 | 3254.7 | 3625.3 | 4045.9 | 4458.7 | 4958.2 |
| -32.5° | 1167.4 | 1559.7 | 1959.5 | 2294.3 | 2566.9 | 2801.8 | 3068.1 | 3403.2 | 3776.0 | 4170.1 | 4554.8 |
| -35° | 1041.4 | 1411.6 | 1793.0 | 2152.2 | 2448.2 | 2670.4 | 2909.7 | 3178.4 | 3503.7 | 3867.5 | 4232.9 |
| -37.5° | 922.3 | 1254.9 | 1617.1 | 1983.8 | 2286.2 | 2539.7 | 2745.5 | 2982.7 | 3252.7 | 3554.4 | 3898.2 |
| -40° | 796.8 | 1090.1 | 1436.2 | 1783.5 | 2116.5 | 2383.4 | 2599.2 | 2797.6 | 3019.5 | 3277.6 | 3554.4 |
| -42.5° | 670.4 | 945.3 | 1248.4 | 1574.4 | 1904.0 | 2193.6 | 2442.3 | 2629.2 | 2815.7 | 3019.5 | 3252.7 |
| -45° | 577.6 | 795.2 | 1058.3 | 1362.9 | 1670.1 | 1977.0 | 2232.5 | 2462.0 | 2629.2 | 2797.6 | 2982.7 |
| -47.5° | 481.2 | 652.8 | 889.0 | 1144.0 | 1432.3 | 1718.4 | 2001.4 | 2232.5 | 2442.3 | 2599.2 | 2745.5 |
| -50° | 388.1 | 543.7 | 714.1 | 945.8 | 1189.9 | 1455.5 | 1718.4 | 1977.0 | 2193.6 | 2383.4 | 2539.7 |
| -52.5° | 312.1 | 431.2 | 581.5 | 751.7 | 964.8 | 1189.9 | 1432.3 | 1670.1 | 1904.0 | 2116.5 | 2286.2 |
| -55° | 233.9 | 339.6 | 456.3 | 594.1 | 751.7 | 945.8 | 1144.0 | 1362.9 | 1574.4 | 1783.5 | 1983.8 |
| -57.5° | 174.0 | 252.2 | 348.8 | 456.3 | 581.5 | 714.1 | 889.0 | 1058.3 | 1248.4 | 1436.2 | 1617.1 |
| -60° | 124.4 | 179.5 | 252.2 | 339.6 | 431.2 | 543.7 | 652.8 | 795.2 | 945.3 | 1090.1 | 1254.9 |
| -62.5° | 79.3 | 124.4 | 174.0 | 233.9 | 312.1 | 388.1 | 481.2 | 577.6 | 670.4 | 796.8 | 922.3 |
| -65° | 58.6 | 77.1 | 113.5 | 157.6 | 200.5 | 266.6 | 333.5 | 397.9 | 478.8 | 559.3 | 636.1 |
| -67.5° | 37.5 | 54.2 | 70.6 | 91.8 | 130.4 | 167.9 | 204.2 | 261.5 | 317.2 | 370.4 | 426.1 |
| -70° | 26.0 | 32.6 | 45.5 | 59.7 | 73.5 | 92.8 | 125.0 | 156.0 | 185.8 | 220.3 | 265.1 |
| -72.5° | 16.2 | 22.1 | 27.8 | 33.4 | 44.7 | 56.4 | 67.7 | 78.6 | 98.1 | 122.9 | 146.5 |
| -75° | 10.7 | 11.9 | 16.3 | 21.1 | 25.8 | 30.3 | 35.4 | 44.7 | 53.6 | 62.1 | 70.2 |
| -77.5° | 8.5 | 9.4 | 10.4 | 11.3 | 12.6 | 16.4 | 20.0 | 23.5 | 26.8 | 30.0 | 33.0 |
| -80° | 6.8 | 7.0 | 7.7 | 8.4 | 9.1 | 9.8 | 10.5 | 11.1 | 11.7 | 13.3 | 15.7 |
| -82.5° | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.1 | 7.6 | 8.0 | 8.5 | 8.9 |
| -85° | 5.5 | 6.0 | 6.1 | 6.1 | 6.2 | 6.3 | 6.4 | 6.4 | 6.5 | 6.5 | 6.6 |
| -87.5° | 2.8 | 3.0 | 3.2 | 3.4 | 3.7 | 3.9 | 4.1 | 4.2 | 4.4 | 4.6 | 4.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.9 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 5.9 |
| 85° | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 | 7.0 | 7.0 |
| 82.5° | 9.3 | 9.6 | 10.0 | 10.3 | 10.6 | 10.9 | 11.1 | 11.3 | 11.5 | 11.6 | 11.8 |
| 80° | 18.0 | 20.1 | 22.1 | 24.0 | 25.7 | 27.2 | 28.6 | 29.9 | 31.0 | 31.9 | 32.6 |
| 77.5° | 38.2 | 44.2 | 49.7 | 54.9 | 59.7 | 64.1 | 68.0 | 71.5 | 74.5 | 77.1 | 79.2 |
| 75° | 77.9 | 88.3 | 105.1 | 120.7 | 135.0 | 148.1 | 159.9 | 170.4 | 179.5 | 187.3 | 193.6 |
| 72.5° | 168.9 | 189.9 | 212.7 | 243.0 | 270.9 | 296.3 | 319.2 | 339.6 | 357.3 | 372.4 | 384.8 |
| 70° | 307.6 | 347.7 | 385.1 | 424.6 | 468.1 | 507.9 | 543.7 | 575.5 | 603.3 | 626.9 | 646.3 |
| 67.5° | 491.3 | 552.7 | 610.3 | 663.8 | 728.5 | 795.2 | 855.3 | 908.7 | 955.4 | 995.0 | 1027.7 |
| 65° | 722.2 | 823.8 | 919.0 | 1007.6 | 1090.1 | 1179.6 | 1260.4 | 1332.3 | 1395.0 | 1448.5 | 1492.4 |
| 62.5° | 1041.4 | 1167.4 | 1293.8 | 1411.6 | 1520.4 | 1621.3 | 1713.8 | 1796.1 | 1868.1 | 1929.3 | 1979.7 |
| 60° | 1411.6 | 1559.7 | 1702.5 | 1836.0 | 1959.5 | 2071.9 | 2152.2 | 2223.7 | 2286.2 | 2339.5 | 2383.4 |
| 57.5° | 1793.0 | 1959.5 | 2106.2 | 2221.0 | 2327.3 | 2424.7 | 2500.2 | 2559.1 | 2610.7 | 2654.7 | 2691.0 |
| 55° | 2152.2 | 2294.3 | 2428.1 | 2530.4 | 2617.4 | 2697.2 | 2772.0 | 2848.6 | 2915.7 | 2973.0 | 3020.2 |
| 52.5° | 2448.2 | 2566.9 | 2675.6 | 2781.4 | 2893.6 | 2996.6 | 3090.1 | 3196.1 | 3293.3 | 3376.3 | 3444.8 |
| 50° | 2670.4 | 2801.8 | 2941.1 | 3071.7 | 3221.9 | 3370.1 | 3504.8 | 3635.8 | 3761.1 | 3868.2 | 3956.7 |
| 47.5° | 2909.7 | 3068.1 | 3254.7 | 3441.4 | 3624.0 | 3813.7 | 3986.4 | 4141.2 | 4277.5 | 4394.4 | 4490.9 |
| 45° | 3178.4 | 3403.2 | 3625.3 | 3862.8 | 4084.4 | 4289.4 | 4476.4 | 4644.4 | 4854.2 | 5042.8 | 5199.0 |
| 42.5° | 3503.7 | 3776.0 | 4045.9 | 4300.9 | 4539.5 | 4806.7 | 5106.7 | 5376.7 | 5950.2 | 6667.3 | 7262.0 |
| 40° | 3867.5 | 4170.1 | 4458.7 | 4764.2 | 5144.6 | 5539.0 | 6671.6 | 7693.3 | 8890.4 | 10551.8 | 11932.3 |
| 37.5° | 4232.9 | 4554.8 | 4958.2 | 5391.5 | 6593.9 | 7921.3 | 10052.2 | 12407.6 | 14513.7 | 16846.7 | 18789.5 |
| 35° | 4587.1 | 5056.3 | 5694.3 | 7311.6 | 9402.9 | 12442.5 | 15482.1 | 18771.7 | 21697.8 | 24393.3 | 26688.0 |
| 32.5° | 5056.3 | 5871.3 | 7675.0 | 10596.3 | 14073.0 | 18180.1 | 22079.2 | 25910.3 | 29348.9 | 32462.7 | 35180.9 |
| 30° | 5694.3 | 7675.0 | 10997.6 | 15036.1 | 19831.6 | 24513.6 | 29059.8 | 33419.9 | 37468.9 | 41169.9 | 44735.2 |
| 27.5° | 7311.6 | 10596.3 | 15036.1 | 20387.8 | 25761.3 | 31003.8 | 36308.7 | 41390.2 | 46663.7 | 51289.3 | 56693.4 |
| 25° | 9402.9 | 14073.0 | 19831.6 | 25761.3 | 31712.2 | 37781.1 | 44140.6 | 50462.2 | 58072.3 | 65075.8 | 72689.1 |
| 22.5° | 12442.5 | 18180.1 | 24513.6 | 31003.8 | 37781.1 | 45070.5 | 52827.5 | 62284.0 | 72536.9 | 83188.7 | 93302.3 |
| 20° | 15482.1 | 22079.2 | 29059.8 | 36308.7 | 44140.6 | 52827.5 | 63712.5 | 76707.6 | 90135.9 | 104648.0 | 118025.5 |
| 17.5° | 18771.7 | 25910.3 | 33419.9 | 41390.2 | 50462.2 | 62284.0 | 76707.6 | 92909.8 | 110530.2 | 130539.4 | 149280.0 |
| 15° | 21697.8 | 29348.9 | 37468.9 | 46663.7 | 58072.3 | 72536.9 | 90135.9 | 110530.2 | 134831.7 | 161284.4 | 189536.2 |
| 12.5° | 24393.3 | 32462.7 | 41169.9 | 51289.3 | 65075.8 | 83188.7 | 104648.0 | 130539.4 | 161284.4 | 196397.9 | 227995.2 |
| 10° | 26688.0 | 35180.9 | 44735.2 | 56693.4 | 72689.1 | 93302.3 | 118025.5 | 149280.0 | 189536.2 | 227995.2 | 260552.1 |
| 7.5° | 28503.1 | 37336.8 | 47572.6 | 61018.8 | 79325.8 | 102450.1 | 131759.4 | 169747.6 | 213167.9 | 253550.7 | 283396.9 |
| 5° | 29816.6 | 38900.3 | 49636.0 | 64175.2 | 84190.3 | 109194.2 | 141962.8 | 185404.4 | 231150.1 | 270202.6 | 298945.7 |
| 2.5° | 30611.7 | 39848.3 | 50889.5 | 66097.3 | 87162.0 | 113331.6 | 148259.0 | 195144.9 | 242472.2 | 279967.8 | 308275.5 |
| 0° | 30877.9 | 40165.9 | 51309.9 | 66742.8 | 88161.8 | 114726.7 | 150388.6 | 198454.5 | 246345.4 | 283101.8 | 311525.2 |
| -2.5° | 30611.7 | 39848.3 | 50889.5 | 66097.3 | 87162.0 | 113331.6 | 148259.0 | 195144.9 | 242472.2 | 279967.8 | 308275.5 |
| -5° | 29816.6 | 38900.3 | 49636.0 | 64175.2 | 84190.3 | 109194.2 | 141962.8 | 185404.4 | 231150.1 | 270202.6 | 298945.7 |
| -7.5° | 28503.1 | 37336.8 | 47572.6 | 61018.8 | 79325.8 | 102450.1 | 131759.4 | 169747.6 | 213167.9 | 253550.7 | 283396.9 |
| -10° | 26688.0 | 35180.9 | 44735.2 | 56693.4 | 72689.1 | 93302.3 | 118025.5 | 149280.0 | 189536.2 | 227995.2 | 260552.1 |
| -12.5° | 24393.3 | 32462.7 | 41169.9 | 51289.3 | 65075.8 | 83188.7 | 104648.0 | 130539.4 | 161284.4 | 196397.9 | 227995.2 |
| -15° | 21697.8 | 29348.9 | 37468.9 | 46663.7 | 58072.3 | 72536.9 | 90135.9 | 110530.2 | 134831.7 | 161284.4 | 189536.2 |
| -17.5° | 18771.7 | 25910.3 | 33419.9 | 41390.2 | 50462.2 | 62284.0 | 76707.6 | 92909.8 | 110530.2 | 130539.4 | 149280.0 |
| -20° | 15482.1 | 22079.2 | 29059.8 | 36308.7 | 44140.6 | 52827.5 | 63712.5 | 76707.6 | 90135.9 | 104648.0 | 118025.5 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | -35° | -32.5° | -30° | -27.5° | -25° | -22.5° | -20° | -17.5° | -15° | -12.5° | -10° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 12442.5 | 18180.1 | 24513.6 | 31003.8 | 37781.1 | 45070.5 | 52827.5 | 62284.0 | 72536.9 | 83188.7 | 93302.3 |
| -25° | 9402.9 | 14073.0 | 19831.6 | 25761.3 | 31712.2 | 37781.1 | 44140.6 | 50462.2 | 58072.3 | 65075.8 | 72689.1 |
| -27.5° | 7311.6 | 10596.3 | 15036.1 | 20387.8 | 25761.3 | 31003.8 | 36308.7 | 41390.2 | 46663.7 | 51289.3 | 56693.4 |
| -30° | 5694.3 | 7675.0 | 10997.6 | 15036.1 | 19831.6 | 24513.6 | 29059.8 | 33419.9 | 37468.9 | 41169.9 | 44735.2 |
| -32.5° | 5056.3 | 5871.3 | 7675.0 | 10596.3 | 14073.0 | 18180.1 | 22079.2 | 25910.3 | 29348.9 | 32462.7 | 35180.9 |
| -35° | 4587.1 | 5056.3 | 5694.3 | 7311.6 | 9402.9 | 12442.5 | 15482.1 | 18771.7 | 21697.8 | 24393.3 | 26688.0 |
| -37.5° | 4232.9 | 4554.8 | 4958.2 | 5391.5 | 6593.9 | 7921.3 | 10052.2 | 12407.6 | 14513.7 | 16846.7 | 18789.5 |
| -40° | 3867.5 | 4170.1 | 4458.7 | 4764.2 | 5144.6 | 5539.0 | 6671.6 | 7693.3 | 8890.4 | 10551.8 | 11932.3 |
| -42.5° | 3503.7 | 3776.0 | 4045.9 | 4300.9 | 4539.5 | 4806.7 | 5106.7 | 5376.7 | 5950.2 | 6667.3 | 7262.0 |
| -45° | 3178.4 | 3403.2 | 3625.3 | 3862.8 | 4084.4 | 4289.4 | 4476.4 | 4644.4 | 4854.2 | 5042.8 | 5199.0 |
| -47.5° | 2909.7 | 3068.1 | 3254.7 | 3441.4 | 3624.0 | 3813.7 | 3986.4 | 4141.2 | 4277.5 | 4394.4 | 4490.9 |
| -50° | 2670.4 | 2801.8 | 2941.1 | 3071.7 | 3221.9 | 3370.1 | 3504.8 | 3635.8 | 3761.1 | 3868.2 | 3956.7 |
| -52.5° | 2448.2 | 2566.9 | 2675.6 | 2781.4 | 2893.6 | 2996.6 | 3090.1 | 3196.1 | 3293.3 | 3376.3 | 3444.8 |
| -55° | 2152.2 | 2294.3 | 2428.1 | 2530.4 | 2617.4 | 2697.2 | 2772.0 | 2848.6 | 2915.7 | 2973.0 | 3020.2 |
| -57.5° | 1793.0 | 1959.5 | 2106.2 | 2221.0 | 2327.3 | 2424.7 | 2500.2 | 2559.1 | 2610.7 | 2654.7 | 2691.0 |
| -60° | 1411.6 | 1559.7 | 1702.5 | 1836.0 | 1959.5 | 2071.9 | 2152.2 | 2223.7 | 2286.2 | 2339.5 | 2383.4 |
| -62.5° | 1041.4 | 1167.4 | 1293.8 | 1411.6 | 1520.4 | 1621.3 | 1713.8 | 1796.1 | 1868.1 | 1929.3 | 1979.7 |
| -65° | 722.2 | 823.8 | 919.0 | 1007.6 | 1090.1 | 1179.6 | 1260.4 | 1332.3 | 1395.0 | 1448.5 | 1492.4 |
| -67.5° | 491.3 | 552.7 | 610.3 | 663.8 | 728.5 | 795.2 | 855.3 | 908.7 | 955.4 | 995.0 | 1027.7 |
| -70° | 307.6 | 347.7 | 385.1 | 424.6 | 468.1 | 507.9 | 543.7 | 575.5 | 603.3 | 626.9 | 646.3 |
| -72.5° | 168.9 | 189.9 | 212.7 | 243.0 | 270.9 | 296.3 | 319.2 | 339.6 | 357.3 | 372.4 | 384.8 |
| -75° | 77.9 | 88.3 | 105.1 | 120.7 | 135.0 | 148.1 | 159.9 | 170.4 | 179.5 | 187.3 | 193.6 |
| -77.5° | 38.2 | 44.2 | 49.7 | 54.9 | 59.7 | 64.1 | 68.0 | 71.5 | 74.5 | 77.1 | 79.2 |
| -80° | 18.0 | 20.1 | 22.1 | 24.0 | 25.7 | 27.2 | 28.6 | 29.9 | 31.0 | 31.9 | 32.6 |
| -82.5° | 9.3 | 9.6 | 10.0 | 10.3 | 10.6 | 10.9 | 11.1 | 11.3 | 11.5 | 11.6 | 11.8 |
| -85° | 6.6 | 6.7 | 6.7 | 6.8 | 6.8 | 6.8 | 6.9 | 6.9 | 6.9 | 7.0 | 7.0 |
| -87.5° | 4.9 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 5.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-100R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 5.9 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.7 |
| 85° | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 6.9 |
| 82.5° | 11.9 | 11.9 | 12.0 | 12.0 | 12.0 | 11.9 | 11.9 | 11.8 | 11.6 | 11.5 | 11.3 |
| 80° | 33.2 | 33.7 | 33.9 | 34.0 | 33.9 | 33.7 | 33.2 | 32.6 | 31.9 | 31.0 | 29.9 |
| 77.5° | 80.9 | 82.1 | 82.8 | 83.0 | 82.8 | 82.1 | 80.9 | 79.2 | 77.1 | 74.5 | 71.5 |
| 75° | 198.6 | 202.1 | 204.3 | 205.0 | 204.3 | 202.1 | 198.6 | 193.6 | 187.3 | 179.5 | 170.4 |
| 72.5° | 394.5 | 401.4 | 405.6 | 407.0 | 405.6 | 401.4 | 394.5 | 384.8 | 372.4 | 357.3 | 339.6 |
| 70° | 661.5 | 672.3 | 678.8 | 681.0 | 678.8 | 672.3 | 661.5 | 646.3 | 626.9 | 603.3 | 575.5 |
| 67.5° | 1053.1 | 1071.4 | 1082.3 | 1086.0 | 1082.3 | 1071.4 | 1053.1 | 1027.7 | 995.0 | 955.4 | 908.7 |
| 65° | 1526.7 | 1551.3 | 1566.1 | 1571.0 | 1566.1 | 1551.3 | 1526.7 | 1492.4 | 1448.5 | 1395.0 | 1332.3 |
| 62.5° | 2019.1 | 2047.4 | 2064.3 | 2070.0 | 2064.3 | 2047.4 | 2019.1 | 1979.7 | 1929.3 | 1868.1 | 1796.1 |
| 60° | 2417.7 | 2442.3 | 2457.1 | 2462.0 | 2457.1 | 2442.3 | 2417.7 | 2383.4 | 2339.5 | 2286.2 | 2223.7 |
| 57.5° | 2719.3 | 2739.7 | 2751.9 | 2756.0 | 2751.9 | 2739.7 | 2719.3 | 2691.0 | 2654.7 | 2610.7 | 2559.1 |
| 55° | 3057.2 | 3083.7 | 3099.7 | 3105.0 | 3099.7 | 3083.7 | 3057.2 | 3020.2 | 2973.0 | 2915.7 | 2848.6 |
| 52.5° | 3498.5 | 3537.1 | 3560.3 | 3568.0 | 3560.3 | 3537.1 | 3498.5 | 3444.8 | 3376.3 | 3293.3 | 3196.1 |
| 50° | 4026.1 | 4076.0 | 4106.0 | 4116.0 | 4106.0 | 4076.0 | 4026.1 | 3956.7 | 3868.2 | 3761.1 | 3635.8 |
| 47.5° | 4566.7 | 4621.2 | 4654.0 | 4665.0 | 4654.0 | 4621.2 | 4566.7 | 4490.9 | 4394.4 | 4277.5 | 4141.2 |
| 45° | 5321.7 | 5410.0 | 5463.2 | 5481.0 | 5463.2 | 5410.0 | 5321.7 | 5199.0 | 5042.8 | 4854.2 | 4644.4 |
| 42.5° | 7729.8 | 8066.7 | 8270.0 | 8338.0 | 8270.0 | 8066.7 | 7729.8 | 7262.0 | 6667.3 | 5950.2 | 5376.7 |
| 40° | 13019.6 | 13803.9 | 14277.6 | 14436.0 | 14277.6 | 13803.9 | 13019.6 | 11932.3 | 10551.8 | 8890.4 | 7693.3 |
| 37.5° | 20322.8 | 21430.3 | 22099.8 | 22323.9 | 22099.8 | 21430.3 | 20322.8 | 18789.5 | 16846.7 | 14513.7 | 12407.6 |
| 35° | 28503.1 | 29816.6 | 30611.7 | 30877.9 | 30611.7 | 29816.6 | 28503.1 | 26688.0 | 24393.3 | 21697.8 | 18771.7 |
| 32.5° | 37336.8 | 38900.3 | 39848.3 | 40165.9 | 39848.3 | 38900.3 | 37336.8 | 35180.9 | 32462.7 | 29348.9 | 25910.3 |
| 30° | 47572.6 | 49636.0 | 50889.5 | 51309.9 | 50889.5 | 49636.0 | 47572.6 | 44735.2 | 41169.9 | 37468.9 | 33419.9 |
| 27.5° | 61018.8 | 64175.2 | 66097.3 | 66742.8 | 66097.3 | 64175.2 | 61018.8 | 56693.4 | 51289.3 | 46663.7 | 41390.2 |
| 25° | 79325.8 | 84190.3 | 87162.0 | 88161.8 | 87162.0 | 84190.3 | 79325.8 | 72689.1 | 65075.8 | 58072.3 | 50462.2 |
| 22.5° | 102450.1 | 109194.2 | 113331.6 | 114726.7 | 113331.6 | 109194.2 | 102450.1 | 93302.3 | 83188.7 | 72536.9 | 62284.0 |
| 20° | 131759.4 | 141962.8 | 148259.0 | 150388.6 | 148259.0 | 141962.8 | 131759.4 | 118025.5 | 104648.0 | 90135.9 | 76707.6 |
| 17.5° | 169747.6 | 185404.4 | 195144.9 | 198454.5 | 195144.9 | 185404.4 | 169747.6 | 149280.0 | 130539.4 | 110530.2 | 92909.8 |
| 15° | 213167.9 | 231150.1 | 242472.2 | 246345.4 | 242472.2 | 231150.1 | 213167.9 | 189536.2 | 161284.4 | 134831.7 | 110530.2 |
| 12.5° | 253550.7 | 270202.6 | 279967.8 | 283101.8 | 279967.8 | 270202.6 | 253550.7 | 227995.2 | 196397.9 | 161284.4 | 130539.4 |
| 10° | 283396.9 | 298945.7 | 308275.5 | 311525.2 | 308275.5 | 298945.7 | 283396.9 | 260552.1 | 227995.2 | 189536.2 | 149280.0 |
| 7.5° | 305217.2 | 321377.3 | 331907.3 | 335358.7 | 331907.3 | 321377.3 | 305217.2 | 283396.9 | 253550.7 | 213167.9 | 169747.6 |
| 5° | 321377.3 | 339066.6 | 349700.2 | 353408.1 | 349700.2 | 339066.6 | 321377.3 | 298945.7 | 270202.6 | 231150.1 | 185404.4 |
| 2.5° | 331907.3 | 349700.2 | 361182.3 | 364936.6 | 361182.3 | 349700.2 | 331907.3 | 308275.5 | 279967.8 | 242472.2 | 195144.9 |
| 0° | 335358.7 | 353408.1 | 364936.6 | 369154.1 | 364936.6 | 353408.1 | 335358.7 | 311525.2 | 283101.8 | 246345.4 | 198454.5 |
| -2.5° | 331907.3 | 349700.2 | 361182.3 | 364936.6 | 361182.3 | 349700.2 | 331907.3 | 308275.5 | 279967.8 | 242472.2 | 195144.9 |
| -5° | 321377.3 | 339066.6 | 349700.2 | 353408.1 | 349700.2 | 339066.6 | 321377.3 | 298945.7 | 270202.6 | 231150.1 | 185404.4 |
| -7.5° | 305217.2 | 321377.3 | 331907.3 | 335358.7 | 331907.3 | 321377.3 | 305217.2 | 283396.9 | 253550.7 | 213167.9 | 169747.6 |
| -10° | 283396.9 | 298945.7 | 308275.5 | 311525.2 | 308275.5 | 298945.7 | 283396.9 | 260552.1 | 227995.2 | 189536.2 | 149280.0 |
| -12.5° | 253550.7 | 270202.6 | 279967.8 | 283101.8 | 279967.8 | 270202.6 | 253550.7 | 227995.2 | 196397.9 | 161284.4 | 130539.4 |
| -15° | 213167.9 | 231150.1 | 242472.2 | 246345.4 | 242472.2 | 231150.1 | 213167.9 | 189536.2 | 161284.4 | 134831.7 | 110530.2 |
| -17.5° | 169747.6 | 185404.4 | 195144.9 | 198454.5 | 195144.9 | 185404.4 | 169747.6 | 149280.0 | 130539.4 | 110530.2 | 92909.8 |
| -20° | 131759.4 | 141962.8 | 148259.0 | 150388.6 | 148259.0 | 141962.8 | 131759.4 | 118025.5 | 104648.0 | 90135.9 | 76707.6 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | -7.5° | -5° | -2.5° | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° |
|--------|----------|----------|----------|----------|----------|----------|----------|---------|---------|---------|---------|
| -22.5° | 102450.1 | 109194.2 | 113331.6 | 114726.7 | 113331.6 | 109194.2 | 102450.1 | 93302.3 | 83188.7 | 72536.9 | 62284.0 |
| -25° | 79325.8 | 84190.3 | 87162.0 | 88161.8 | 87162.0 | 84190.3 | 79325.8 | 72689.1 | 65075.8 | 58072.3 | 50462.2 |
| -27.5° | 61018.8 | 64175.2 | 66097.3 | 66742.8 | 66097.3 | 64175.2 | 61018.8 | 56693.4 | 51289.3 | 46663.7 | 41390.2 |
| -30° | 47572.6 | 49636.0 | 50889.5 | 51309.9 | 50889.5 | 49636.0 | 47572.6 | 44735.2 | 41169.9 | 37468.9 | 33419.9 |
| -32.5° | 37336.8 | 38900.3 | 39848.3 | 40165.9 | 39848.3 | 38900.3 | 37336.8 | 35180.9 | 32462.7 | 29348.9 | 25910.3 |
| -35° | 28503.1 | 29816.6 | 30611.7 | 30877.9 | 30611.7 | 29816.6 | 28503.1 | 26688.0 | 24393.3 | 21697.8 | 18771.7 |
| -37.5° | 20322.8 | 21430.3 | 22099.8 | 22323.9 | 22099.8 | 21430.3 | 20322.8 | 18789.5 | 16846.7 | 14513.7 | 12407.6 |
| -40° | 13019.6 | 13803.9 | 14277.6 | 14436.0 | 14277.6 | 13803.9 | 13019.6 | 11932.3 | 10551.8 | 8890.4 | 7693.3 |
| -42.5° | 7729.8 | 8066.7 | 8270.0 | 8338.0 | 8270.0 | 8066.7 | 7729.8 | 7262.0 | 6667.3 | 5950.2 | 5376.7 |
| -45° | 5321.7 | 5410.0 | 5463.2 | 5481.0 | 5463.2 | 5410.0 | 5321.7 | 5199.0 | 5042.8 | 4854.2 | 4644.4 |
| -47.5° | 4566.7 | 4621.2 | 4654.0 | 4665.0 | 4654.0 | 4621.2 | 4566.7 | 4490.9 | 4394.4 | 4277.5 | 4141.2 |
| -50° | 4026.1 | 4076.0 | 4106.0 | 4116.0 | 4106.0 | 4076.0 | 4026.1 | 3956.7 | 3868.2 | 3761.1 | 3635.8 |
| -52.5° | 3498.5 | 3537.1 | 3560.3 | 3568.0 | 3560.3 | 3537.1 | 3498.5 | 3444.8 | 3376.3 | 3293.3 | 3196.1 |
| -55° | 3057.2 | 3083.7 | 3099.7 | 3105.0 | 3099.7 | 3083.7 | 3057.2 | 3020.2 | 2973.0 | 2915.7 | 2848.6 |
| -57.5° | 2719.3 | 2739.7 | 2751.9 | 2756.0 | 2751.9 | 2739.7 | 2719.3 | 2691.0 | 2654.7 | 2610.7 | 2559.1 |
| -60° | 2417.7 | 2442.3 | 2457.1 | 2462.0 | 2457.1 | 2442.3 | 2417.7 | 2383.4 | 2339.5 | 2286.2 | 2223.7 |
| -62.5° | 2019.1 | 2047.4 | 2064.3 | 2070.0 | 2064.3 | 2047.4 | 2019.1 | 1979.7 | 1929.3 | 1868.1 | 1796.1 |
| -65° | 1526.7 | 1551.3 | 1566.1 | 1571.0 | 1566.1 | 1551.3 | 1526.7 | 1492.4 | 1448.5 | 1395.0 | 1332.3 |
| -67.5° | 1053.1 | 1071.4 | 1082.3 | 1086.0 | 1082.3 | 1071.4 | 1053.1 | 1027.7 | 995.0 | 955.4 | 908.7 |
| -70° | 661.5 | 672.3 | 678.8 | 681.0 | 678.8 | 672.3 | 661.5 | 646.3 | 626.9 | 603.3 | 575.5 |
| -72.5° | 394.5 | 401.4 | 405.6 | 407.0 | 405.6 | 401.4 | 394.5 | 384.8 | 372.4 | 357.3 | 339.6 |
| -75° | 198.6 | 202.1 | 204.3 | 205.0 | 204.3 | 202.1 | 198.6 | 193.6 | 187.3 | 179.5 | 170.4 |
| -77.5° | 80.9 | 82.1 | 82.8 | 83.0 | 82.8 | 82.1 | 80.9 | 79.2 | 77.1 | 74.5 | 71.5 |
| -80° | 33.2 | 33.7 | 33.9 | 34.0 | 33.9 | 33.7 | 33.2 | 32.6 | 31.9 | 31.0 | 29.9 |
| -82.5° | 11.9 | 11.9 | 12.0 | 12.0 | 12.0 | 11.9 | 11.9 | 11.8 | 11.6 | 11.5 | 11.3 |
| -85° | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 7.0 | 6.9 | 6.9 |
| -87.5° | 5.9 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.9 | 5.9 | 5.9 | 5.8 | 5.7 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|----------|----------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 4.9 | 4.8 | 4.6 | 4.4 | 4.2 |
| 85° | 6.9 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 |
| 82.5° | 11.1 | 10.9 | 10.6 | 10.3 | 10.0 | 9.6 | 9.3 | 8.9 | 8.5 | 8.0 | 7.6 |
| 80° | 28.6 | 27.2 | 25.7 | 24.0 | 22.1 | 20.1 | 18.0 | 15.7 | 13.3 | 11.7 | 11.1 |
| 77.5° | 68.0 | 64.1 | 59.7 | 54.9 | 49.7 | 44.2 | 38.2 | 33.0 | 30.0 | 26.8 | 23.5 |
| 75° | 159.9 | 148.1 | 135.0 | 120.7 | 105.1 | 88.3 | 77.9 | 70.2 | 62.1 | 53.6 | 44.7 |
| 72.5° | 319.2 | 296.3 | 270.9 | 243.0 | 212.7 | 189.9 | 168.9 | 146.5 | 122.9 | 98.1 | 78.6 |
| 70° | 543.7 | 507.9 | 468.1 | 424.6 | 385.1 | 347.7 | 307.6 | 265.1 | 220.3 | 185.8 | 156.0 |
| 67.5° | 855.3 | 795.2 | 728.5 | 663.8 | 610.3 | 552.7 | 491.3 | 426.1 | 370.4 | 317.2 | 261.5 |
| 65° | 1260.4 | 1179.6 | 1090.1 | 1007.6 | 919.0 | 823.8 | 722.2 | 636.1 | 559.3 | 478.8 | 397.9 |
| 62.5° | 1713.8 | 1621.3 | 1520.4 | 1411.6 | 1293.8 | 1167.4 | 1041.4 | 922.3 | 796.8 | 670.4 | 577.6 |
| 60° | 2152.2 | 2071.9 | 1959.5 | 1836.0 | 1702.5 | 1559.7 | 1411.6 | 1254.9 | 1090.1 | 945.3 | 795.2 |
| 57.5° | 2500.2 | 2424.7 | 2327.3 | 2221.0 | 2106.2 | 1959.5 | 1793.0 | 1617.1 | 1436.2 | 1248.4 | 1058.3 |
| 55° | 2772.0 | 2697.2 | 2617.4 | 2530.4 | 2428.1 | 2294.3 | 2152.2 | 1983.8 | 1783.5 | 1574.4 | 1362.9 |
| 52.5° | 3090.1 | 2996.6 | 2893.6 | 2781.4 | 2675.6 | 2566.9 | 2448.2 | 2286.2 | 2116.5 | 1904.0 | 1670.1 |
| 50° | 3504.8 | 3370.1 | 3221.9 | 3071.7 | 2941.1 | 2801.8 | 2670.4 | 2539.7 | 2383.4 | 2193.6 | 1977.0 |
| 47.5° | 3986.4 | 3813.7 | 3624.0 | 3441.4 | 3254.7 | 3068.1 | 2909.7 | 2745.5 | 2599.2 | 2442.3 | 2232.5 |
| 45° | 4476.4 | 4289.4 | 4084.4 | 3862.8 | 3625.3 | 3403.2 | 3178.4 | 2982.7 | 2797.6 | 2629.2 | 2462.0 |
| 42.5° | 5106.7 | 4806.7 | 4539.5 | 4300.9 | 4045.9 | 3776.0 | 3503.7 | 3252.7 | 3019.5 | 2815.7 | 2629.2 |
| 40° | 6671.6 | 5539.0 | 5144.6 | 4764.2 | 4458.7 | 4170.1 | 3867.5 | 3554.4 | 3277.6 | 3019.5 | 2797.6 |
| 37.5° | 10052.2 | 7921.3 | 6593.9 | 5391.5 | 4958.2 | 4554.8 | 4232.9 | 3898.2 | 3554.4 | 3252.7 | 2982.7 |
| 35° | 15482.1 | 12442.5 | 9402.9 | 7311.6 | 5694.3 | 5056.3 | 4587.1 | 4232.9 | 3867.5 | 3503.7 | 3178.4 |
| 32.5° | 22079.2 | 18180.1 | 14073.0 | 10596.3 | 7675.0 | 5871.3 | 5056.3 | 4554.8 | 4170.1 | 3776.0 | 3403.2 |
| 30° | 29059.8 | 24513.6 | 19831.6 | 15036.1 | 10997.6 | 7675.0 | 5694.3 | 4958.2 | 4458.7 | 4045.9 | 3625.3 |
| 27.5° | 36308.7 | 31003.8 | 25761.3 | 20387.8 | 15036.1 | 10596.3 | 7311.6 | 5391.5 | 4764.2 | 4300.9 | 3862.8 |
| 25° | 44140.6 | 37781.1 | 31712.2 | 25761.3 | 19831.6 | 14073.0 | 9402.9 | 6593.9 | 5144.6 | 4539.5 | 4084.4 |
| 22.5° | 52827.5 | 45070.5 | 37781.1 | 31003.8 | 24513.6 | 18180.1 | 12442.5 | 7921.3 | 5539.0 | 4806.7 | 4289.4 |
| 20° | 63712.5 | 52827.5 | 44140.6 | 36308.7 | 29059.8 | 22079.2 | 15482.1 | 10052.2 | 6671.6 | 5106.7 | 4476.4 |
| 17.5° | 76707.6 | 62284.0 | 50462.2 | 41390.2 | 33419.9 | 25910.3 | 18771.7 | 12407.6 | 7693.3 | 5376.7 | 4644.4 |
| 15° | 90135.9 | 72536.9 | 58072.3 | 46663.7 | 37468.9 | 29348.9 | 21697.8 | 14513.7 | 8890.4 | 5950.2 | 4854.2 |
| 12.5° | 104648.0 | 83188.7 | 65075.8 | 51289.3 | 41169.9 | 32462.7 | 24393.3 | 16846.7 | 10551.8 | 6667.3 | 5042.8 |
| 10° | 118025.5 | 93302.3 | 72689.1 | 56693.4 | 44735.2 | 35180.9 | 26688.0 | 18789.5 | 11932.3 | 7262.0 | 5199.0 |
| 7.5° | 131759.4 | 102450.1 | 79325.8 | 61018.8 | 47572.6 | 37336.8 | 28503.1 | 20322.8 | 13019.6 | 7729.8 | 5321.7 |
| 5° | 141962.8 | 109194.2 | 84190.3 | 64175.2 | 49636.0 | 38900.3 | 29816.6 | 21430.3 | 13803.9 | 8066.7 | 5410.0 |
| 2.5° | 148259.0 | 113331.6 | 87162.0 | 66097.3 | 50889.5 | 39848.3 | 30611.7 | 22099.8 | 14277.6 | 8270.0 | 5463.2 |
| 0° | 150388.6 | 114726.7 | 88161.8 | 66742.8 | 51309.9 | 40165.9 | 30877.9 | 22323.9 | 14436.0 | 8338.0 | 5481.0 |
| -2.5° | 148259.0 | 113331.6 | 87162.0 | 66097.3 | 50889.5 | 39848.3 | 30611.7 | 22099.8 | 14277.6 | 8270.0 | 5463.2 |
| -5° | 141962.8 | 109194.2 | 84190.3 | 64175.2 | 49636.0 | 38900.3 | 29816.6 | 21430.3 | 13803.9 | 8066.7 | 5410.0 |
| -7.5° | 131759.4 | 102450.1 | 79325.8 | 61018.8 | 47572.6 | 37336.8 | 28503.1 | 20322.8 | 13019.6 | 7729.8 | 5321.7 |
| -10° | 118025.5 | 93302.3 | 72689.1 | 56693.4 | 44735.2 | 35180.9 | 26688.0 | 18789.5 | 11932.3 | 7262.0 | 5199.0 |
| -12.5° | 104648.0 | 83188.7 | 65075.8 | 51289.3 | 41169.9 | 32462.7 | 24393.3 | 16846.7 | 10551.8 | 6667.3 | 5042.8 |
| -15° | 90135.9 | 72536.9 | 58072.3 | 46663.7 | 37468.9 | 29348.9 | 21697.8 | 14513.7 | 8890.4 | 5950.2 | 4854.2 |
| -17.5° | 76707.6 | 62284.0 | 50462.2 | 41390.2 | 33419.9 | 25910.3 | 18771.7 | 12407.6 | 7693.3 | 5376.7 | 4644.4 |
| -20° | 63712.5 | 52827.5 | 44140.6 | 36308.7 | 29059.8 | 22079.2 | 15482.1 | 10052.2 | 6671.6 | 5106.7 | 4476.4 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | 20° | 22.5° | 25° | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| -22.5° | 52827.5 | 45070.5 | 37781.1 | 31003.8 | 24513.6 | 18180.1 | 12442.5 | 7921.3 | 5539.0 | 4806.7 | 4289.4 |
| -25° | 44140.6 | 37781.1 | 31712.2 | 25761.3 | 19831.6 | 14073.0 | 9402.9 | 6593.9 | 5144.6 | 4539.5 | 4084.4 |
| -27.5° | 36308.7 | 31003.8 | 25761.3 | 20387.8 | 15036.1 | 10596.3 | 7311.6 | 5391.5 | 4764.2 | 4300.9 | 3862.8 |
| -30° | 29059.8 | 24513.6 | 19831.6 | 15036.1 | 10997.6 | 7675.0 | 5694.3 | 4958.2 | 4458.7 | 4045.9 | 3625.3 |
| -32.5° | 22079.2 | 18180.1 | 14073.0 | 10596.3 | 7675.0 | 5871.3 | 5056.3 | 4554.8 | 4170.1 | 3776.0 | 3403.2 |
| -35° | 15482.1 | 12442.5 | 9402.9 | 7311.6 | 5694.3 | 5056.3 | 4587.1 | 4232.9 | 3867.5 | 3503.7 | 3178.4 |
| -37.5° | 10052.2 | 7921.3 | 6593.9 | 5391.5 | 4958.2 | 4554.8 | 4232.9 | 3898.2 | 3554.4 | 3252.7 | 2982.7 |
| -40° | 6671.6 | 5539.0 | 5144.6 | 4764.2 | 4458.7 | 4170.1 | 3867.5 | 3554.4 | 3277.6 | 3019.5 | 2797.6 |
| -42.5° | 5106.7 | 4806.7 | 4539.5 | 4300.9 | 4045.9 | 3776.0 | 3503.7 | 3252.7 | 3019.5 | 2815.7 | 2629.2 |
| -45° | 4476.4 | 4289.4 | 4084.4 | 3862.8 | 3625.3 | 3403.2 | 3178.4 | 2982.7 | 2797.6 | 2629.2 | 2462.0 |
| -47.5° | 3986.4 | 3813.7 | 3624.0 | 3441.4 | 3254.7 | 3068.1 | 2909.7 | 2745.5 | 2599.2 | 2442.3 | 2232.5 |
| -50° | 3504.8 | 3370.1 | 3221.9 | 3071.7 | 2941.1 | 2801.8 | 2670.4 | 2539.7 | 2383.4 | 2193.6 | 1977.0 |
| -52.5° | 3090.1 | 2996.6 | 2893.6 | 2781.4 | 2675.6 | 2566.9 | 2448.2 | 2286.2 | 2116.5 | 1904.0 | 1670.1 |
| -55° | 2772.0 | 2697.2 | 2617.4 | 2530.4 | 2428.1 | 2294.3 | 2152.2 | 1983.8 | 1783.5 | 1574.4 | 1362.9 |
| -57.5° | 2500.2 | 2424.7 | 2327.3 | 2221.0 | 2106.2 | 1959.5 | 1793.0 | 1617.1 | 1436.2 | 1248.4 | 1058.3 |
| -60° | 2152.2 | 2071.9 | 1959.5 | 1836.0 | 1702.5 | 1559.7 | 1411.6 | 1254.9 | 1090.1 | 945.3 | 795.2 |
| -62.5° | 1713.8 | 1621.3 | 1520.4 | 1411.6 | 1293.8 | 1167.4 | 1041.4 | 922.3 | 796.8 | 670.4 | 577.6 |
| -65° | 1260.4 | 1179.6 | 1090.1 | 1007.6 | 919.0 | 823.8 | 722.2 | 636.1 | 559.3 | 478.8 | 397.9 |
| -67.5° | 855.3 | 795.2 | 728.5 | 663.8 | 610.3 | 552.7 | 491.3 | 426.1 | 370.4 | 317.2 | 261.5 |
| -70° | 543.7 | 507.9 | 468.1 | 424.6 | 385.1 | 347.7 | 307.6 | 265.1 | 220.3 | 185.8 | 156.0 |
| -72.5° | 319.2 | 296.3 | 270.9 | 243.0 | 212.7 | 189.9 | 168.9 | 146.5 | 122.9 | 98.1 | 78.6 |
| -75° | 159.9 | 148.1 | 135.0 | 120.7 | 105.1 | 88.3 | 77.9 | 70.2 | 62.1 | 53.6 | 44.7 |
| -77.5° | 68.0 | 64.1 | 59.7 | 54.9 | 49.7 | 44.2 | 38.2 | 33.0 | 30.0 | 26.8 | 23.5 |
| -80° | 28.6 | 27.2 | 25.7 | 24.0 | 22.1 | 20.1 | 18.0 | 15.7 | 13.3 | 11.7 | 11.1 |
| -82.5° | 11.1 | 10.9 | 10.6 | 10.3 | 10.0 | 9.6 | 9.3 | 8.9 | 8.5 | 8.0 | 7.6 |
| -85° | 6.9 | 6.8 | 6.8 | 6.8 | 6.7 | 6.7 | 6.6 | 6.6 | 6.5 | 6.5 | 6.4 |
| -87.5° | 5.6 | 5.5 | 5.4 | 5.3 | 5.2 | 5.1 | 4.9 | 4.8 | 4.6 | 4.4 | 4.2 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.1 | 3.9 | 3.7 | 3.4 | 3.2 | 3.0 | 2.8 | 2.5 | 2.3 | 2.1 | 1.8 |
| 85° | 6.4 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 5.5 | 5.1 | 4.6 | 4.1 | 3.6 |
| 82.5° | 7.1 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 6.1 | 6.0 | 5.4 |
| 80° | 10.5 | 9.8 | 9.1 | 8.4 | 7.7 | 7.0 | 6.8 | 6.7 | 6.5 | 6.4 | 6.2 |
| 77.5° | 20.0 | 16.4 | 12.6 | 11.3 | 10.4 | 9.4 | 8.5 | 7.5 | 6.9 | 6.7 | 6.5 |
| 75° | 35.4 | 30.3 | 25.8 | 21.1 | 16.3 | 11.9 | 10.7 | 9.6 | 8.4 | 7.2 | 6.8 |
| 72.5° | 67.7 | 56.4 | 44.7 | 33.4 | 27.8 | 22.1 | 16.2 | 11.6 | 10.2 | 8.8 | 7.4 |
| 70° | 125.0 | 92.8 | 73.5 | 59.7 | 45.5 | 32.6 | 26.0 | 19.1 | 12.2 | 10.4 | 8.8 |
| 67.5° | 204.2 | 167.9 | 130.4 | 91.8 | 70.6 | 54.2 | 37.5 | 27.9 | 20.1 | 12.2 | 10.2 |
| 65° | 333.5 | 266.6 | 200.5 | 157.6 | 113.5 | 77.1 | 58.6 | 39.7 | 27.9 | 19.1 | 11.6 |
| 62.5° | 481.2 | 388.1 | 312.1 | 233.9 | 174.0 | 124.4 | 79.3 | 58.6 | 37.5 | 26.0 | 16.2 |
| 60° | 652.8 | 543.7 | 431.2 | 339.6 | 252.2 | 179.5 | 124.4 | 77.1 | 54.2 | 32.6 | 22.1 |
| 57.5° | 889.0 | 714.1 | 581.5 | 456.3 | 348.8 | 252.2 | 174.0 | 113.5 | 70.6 | 45.5 | 27.8 |
| 55° | 1144.0 | 945.8 | 751.7 | 594.1 | 456.3 | 339.6 | 233.9 | 157.6 | 91.8 | 59.7 | 33.4 |
| 52.5° | 1432.3 | 1189.9 | 964.8 | 751.7 | 581.5 | 431.2 | 312.1 | 200.5 | 130.4 | 73.5 | 44.7 |
| 50° | 1718.4 | 1455.5 | 1189.9 | 945.8 | 714.1 | 543.7 | 388.1 | 266.6 | 167.9 | 92.8 | 56.4 |
| 47.5° | 2001.4 | 1718.4 | 1432.3 | 1144.0 | 889.0 | 652.8 | 481.2 | 333.5 | 204.2 | 125.0 | 67.7 |
| 45° | 2232.5 | 1977.0 | 1670.1 | 1362.9 | 1058.3 | 795.2 | 577.6 | 397.9 | 261.5 | 156.0 | 78.6 |
| 42.5° | 2442.3 | 2193.6 | 1904.0 | 1574.4 | 1248.4 | 945.3 | 670.4 | 478.8 | 317.2 | 185.8 | 98.1 |
| 40° | 2599.2 | 2383.4 | 2116.5 | 1783.5 | 1436.2 | 1090.1 | 796.8 | 559.3 | 370.4 | 220.3 | 122.9 |
| 37.5° | 2745.5 | 2539.7 | 2286.2 | 1983.8 | 1617.1 | 1254.9 | 922.3 | 636.1 | 426.1 | 265.1 | 146.5 |
| 35° | 2909.7 | 2670.4 | 2448.2 | 2152.2 | 1793.0 | 1411.6 | 1041.4 | 722.2 | 491.3 | 307.6 | 168.9 |
| 32.5° | 3068.1 | 2801.8 | 2566.9 | 2294.3 | 1959.5 | 1559.7 | 1167.4 | 823.8 | 552.7 | 347.7 | 189.9 |
| 30° | 3254.7 | 2941.1 | 2675.6 | 2428.1 | 2106.2 | 1702.5 | 1293.8 | 919.0 | 610.3 | 385.1 | 212.7 |
| 27.5° | 3441.4 | 3071.7 | 2781.4 | 2530.4 | 2221.0 | 1836.0 | 1411.6 | 1007.6 | 663.8 | 424.6 | 243.0 |
| 25° | 3624.0 | 3221.9 | 2893.6 | 2617.4 | 2327.3 | 1959.5 | 1520.4 | 1090.1 | 728.5 | 468.1 | 270.9 |
| 22.5° | 3813.7 | 3370.1 | 2996.6 | 2697.2 | 2424.7 | 2071.9 | 1621.3 | 1179.6 | 795.2 | 507.9 | 296.3 |
| 20° | 3986.4 | 3504.8 | 3090.1 | 2772.0 | 2500.2 | 2152.2 | 1713.8 | 1260.4 | 855.3 | 543.7 | 319.2 |
| 17.5° | 4141.2 | 3635.8 | 3196.1 | 2848.6 | 2559.1 | 2223.7 | 1796.1 | 1332.3 | 908.7 | 575.5 | 339.6 |
| 15° | 4277.5 | 3761.1 | 3293.3 | 2915.7 | 2610.7 | 2286.2 | 1868.1 | 1395.0 | 955.4 | 603.3 | 357.3 |
| 12.5° | 4394.4 | 3868.2 | 3376.3 | 2973.0 | 2654.7 | 2339.5 | 1929.3 | 1448.5 | 995.0 | 626.9 | 372.4 |
| 10° | 4490.9 | 3956.7 | 3444.8 | 3020.2 | 2691.0 | 2383.4 | 1979.7 | 1492.4 | 1027.7 | 646.3 | 384.8 |
| 7.5° | 4566.7 | 4026.1 | 3498.5 | 3057.2 | 2719.3 | 2417.7 | 2019.1 | 1526.7 | 1053.1 | 661.5 | 394.5 |
| 5° | 4621.2 | 4076.0 | 3537.1 | 3083.7 | 2739.7 | 2442.3 | 2047.4 | 1551.3 | 1071.4 | 672.3 | 401.4 |
| 2.5° | 4654.0 | 4106.0 | 3560.3 | 3099.7 | 2751.9 | 2457.1 | 2064.3 | 1566.1 | 1082.3 | 678.8 | 405.6 |
| 0° | 4665.0 | 4116.0 | 3568.0 | 3105.0 | 2756.0 | 2462.0 | 2070.0 | 1571.0 | 1086.0 | 681.0 | 407.0 |
| -2.5° | 4654.0 | 4106.0 | 3560.3 | 3099.7 | 2751.9 | 2457.1 | 2064.3 | 1566.1 | 1082.3 | 678.8 | 405.6 |
| -5° | 4621.2 | 4076.0 | 3537.1 | 3083.7 | 2739.7 | 2442.3 | 2047.4 | 1551.3 | 1071.4 | 672.3 | 401.4 |
| -7.5° | 4566.7 | 4026.1 | 3498.5 | 3057.2 | 2719.3 | 2417.7 | 2019.1 | 1526.7 | 1053.1 | 661.5 | 394.5 |
| -10° | 4490.9 | 3956.7 | 3444.8 | 3020.2 | 2691.0 | 2383.4 | 1979.7 | 1492.4 | 1027.7 | 646.3 | 384.8 |
| -12.5° | 4394.4 | 3868.2 | 3376.3 | 2973.0 | 2654.7 | 2339.5 | 1929.3 | 1448.5 | 995.0 | 626.9 | 372.4 |
| -15° | 4277.5 | 3761.1 | 3293.3 | 2915.7 | 2610.7 | 2286.2 | 1868.1 | 1395.0 | 955.4 | 603.3 | 357.3 |
| -17.5° | 4141.2 | 3635.8 | 3196.1 | 2848.6 | 2559.1 | 2223.7 | 1796.1 | 1332.3 | 908.7 | 575.5 | 339.6 |
| -20° | 3986.4 | 3504.8 | 3090.1 | 2772.0 | 2500.2 | 2152.2 | 1713.8 | 1260.4 | 855.3 | 543.7 | 319.2 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | 47.5° | 50° | 52.5° | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| -22.5° | 3813.7 | 3370.1 | 2996.6 | 2697.2 | 2424.7 | 2071.9 | 1621.3 | 1179.6 | 795.2 | 507.9 | 296.3 |
| -25° | 3624.0 | 3221.9 | 2893.6 | 2617.4 | 2327.3 | 1959.5 | 1520.4 | 1090.1 | 728.5 | 468.1 | 270.9 |
| -27.5° | 3441.4 | 3071.7 | 2781.4 | 2530.4 | 2221.0 | 1836.0 | 1411.6 | 1007.6 | 663.8 | 424.6 | 243.0 |
| -30° | 3254.7 | 2941.1 | 2675.6 | 2428.1 | 2106.2 | 1702.5 | 1293.8 | 919.0 | 610.3 | 385.1 | 212.7 |
| -32.5° | 3068.1 | 2801.8 | 2566.9 | 2294.3 | 1959.5 | 1559.7 | 1167.4 | 823.8 | 552.7 | 347.7 | 189.9 |
| -35° | 2909.7 | 2670.4 | 2448.2 | 2152.2 | 1793.0 | 1411.6 | 1041.4 | 722.2 | 491.3 | 307.6 | 168.9 |
| -37.5° | 2745.5 | 2539.7 | 2286.2 | 1983.8 | 1617.1 | 1254.9 | 922.3 | 636.1 | 426.1 | 265.1 | 146.5 |
| -40° | 2599.2 | 2383.4 | 2116.5 | 1783.5 | 1436.2 | 1090.1 | 796.8 | 559.3 | 370.4 | 220.3 | 122.9 |
| -42.5° | 2442.3 | 2193.6 | 1904.0 | 1574.4 | 1248.4 | 945.3 | 670.4 | 478.8 | 317.2 | 185.8 | 98.1 |
| -45° | 2232.5 | 1977.0 | 1670.1 | 1362.9 | 1058.3 | 795.2 | 577.6 | 397.9 | 261.5 | 156.0 | 78.6 |
| -47.5° | 2001.4 | 1718.4 | 1432.3 | 1144.0 | 889.0 | 652.8 | 481.2 | 333.5 | 204.2 | 125.0 | 67.7 |
| -50° | 1718.4 | 1455.5 | 1189.9 | 945.8 | 714.1 | 543.7 | 388.1 | 266.6 | 167.9 | 92.8 | 56.4 |
| -52.5° | 1432.3 | 1189.9 | 964.8 | 751.7 | 581.5 | 431.2 | 312.1 | 200.5 | 130.4 | 73.5 | 44.7 |
| -55° | 1144.0 | 945.8 | 751.7 | 594.1 | 456.3 | 339.6 | 233.9 | 157.6 | 91.8 | 59.7 | 33.4 |
| -57.5° | 889.0 | 714.1 | 581.5 | 456.3 | 348.8 | 252.2 | 174.0 | 113.5 | 70.6 | 45.5 | 27.8 |
| -60° | 652.8 | 543.7 | 431.2 | 339.6 | 252.2 | 179.5 | 124.4 | 77.1 | 54.2 | 32.6 | 22.1 |
| -62.5° | 481.2 | 388.1 | 312.1 | 233.9 | 174.0 | 124.4 | 79.3 | 58.6 | 37.5 | 26.0 | 16.2 |
| -65° | 333.5 | 266.6 | 200.5 | 157.6 | 113.5 | 77.1 | 58.6 | 39.7 | 27.9 | 19.1 | 11.6 |
| -67.5° | 204.2 | 167.9 | 130.4 | 91.8 | 70.6 | 54.2 | 37.5 | 27.9 | 20.1 | 12.2 | 10.2 |
| -70° | 125.0 | 92.8 | 73.5 | 59.7 | 45.5 | 32.6 | 26.0 | 19.1 | 12.2 | 10.4 | 8.8 |
| -72.5° | 67.7 | 56.4 | 44.7 | 33.4 | 27.8 | 22.1 | 16.2 | 11.6 | 10.2 | 8.8 | 7.4 |
| -75° | 35.4 | 30.3 | 25.8 | 21.1 | 16.3 | 11.9 | 10.7 | 9.6 | 8.4 | 7.2 | 6.8 |
| -77.5° | 20.0 | 16.4 | 12.6 | 11.3 | 10.4 | 9.4 | 8.5 | 7.5 | 6.9 | 6.7 | 6.5 |
| -80° | 10.5 | 9.8 | 9.1 | 8.4 | 7.7 | 7.0 | 6.8 | 6.7 | 6.5 | 6.4 | 6.2 |
| -82.5° | 7.1 | 6.9 | 6.8 | 6.7 | 6.6 | 6.5 | 6.4 | 6.3 | 6.1 | 6.0 | 5.4 |
| -85° | 6.4 | 6.3 | 6.2 | 6.1 | 6.1 | 6.0 | 5.5 | 5.1 | 4.6 | 4.1 | 3.6 |
| -87.5° | 4.1 | 3.9 | 3.7 | 3.4 | 3.2 | 3.0 | 2.8 | 2.5 | 2.3 | 2.1 | 1.8 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|-----|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.6 | 1.3 | 1.0 | 0.8 | 0.5 | 0.3 | 0.0 |
| 85° | 3.1 | 2.6 | 2.1 | 1.6 | 1.0 | 0.5 | 0.0 |
| 82.5° | 4.6 | 3.9 | 3.1 | 2.3 | 1.6 | 0.8 | 0.0 |
| 80° | 6.0 | 5.2 | 4.1 | 3.1 | 2.1 | 1.0 | 0.0 |
| 77.5° | 6.3 | 6.1 | 5.2 | 3.9 | 2.6 | 1.3 | 0.0 |
| 75° | 6.5 | 6.3 | 6.0 | 4.6 | 3.1 | 1.6 | 0.0 |
| 72.5° | 6.8 | 6.5 | 6.2 | 5.4 | 3.6 | 1.8 | 0.0 |
| 70° | 7.2 | 6.7 | 6.4 | 6.0 | 4.1 | 2.1 | 0.0 |
| 67.5° | 8.4 | 6.9 | 6.5 | 6.1 | 4.6 | 2.3 | 0.0 |
| 65° | 9.6 | 7.5 | 6.7 | 6.3 | 5.1 | 2.5 | 0.0 |
| 62.5° | 10.7 | 8.5 | 6.8 | 6.4 | 5.5 | 2.8 | 0.0 |
| 60° | 11.9 | 9.4 | 7.0 | 6.5 | 6.0 | 3.0 | 0.0 |
| 57.5° | 16.3 | 10.4 | 7.7 | 6.6 | 6.1 | 3.2 | 0.0 |
| 55° | 21.1 | 11.3 | 8.4 | 6.7 | 6.1 | 3.4 | 0.0 |
| 52.5° | 25.8 | 12.6 | 9.1 | 6.8 | 6.2 | 3.7 | 0.0 |
| 50° | 30.3 | 16.4 | 9.8 | 6.9 | 6.3 | 3.9 | 0.0 |
| 47.5° | 35.4 | 20.0 | 10.5 | 7.1 | 6.4 | 4.1 | 0.0 |
| 45° | 44.7 | 23.5 | 11.1 | 7.6 | 6.4 | 4.2 | 0.0 |
| 42.5° | 53.6 | 26.8 | 11.7 | 8.0 | 6.5 | 4.4 | 0.0 |
| 40° | 62.1 | 30.0 | 13.3 | 8.5 | 6.5 | 4.6 | 0.0 |
| 37.5° | 70.2 | 33.0 | 15.7 | 8.9 | 6.6 | 4.8 | 0.0 |
| 35° | 77.9 | 38.2 | 18.0 | 9.3 | 6.6 | 4.9 | 0.0 |
| 32.5° | 88.3 | 44.2 | 20.1 | 9.6 | 6.7 | 5.1 | 0.0 |
| 30° | 105.1 | 49.7 | 22.1 | 10.0 | 6.7 | 5.2 | 0.0 |
| 27.5° | 120.7 | 54.9 | 24.0 | 10.3 | 6.8 | 5.3 | 0.0 |
| 25° | 135.0 | 59.7 | 25.7 | 10.6 | 6.8 | 5.4 | 0.0 |
| 22.5° | 148.1 | 64.1 | 27.2 | 10.9 | 6.8 | 5.5 | 0.0 |
| 20° | 159.9 | 68.0 | 28.6 | 11.1 | 6.9 | 5.6 | 0.0 |
| 17.5° | 170.4 | 71.5 | 29.9 | 11.3 | 6.9 | 5.7 | 0.0 |
| 15° | 179.5 | 74.5 | 31.0 | 11.5 | 6.9 | 5.8 | 0.0 |
| 12.5° | 187.3 | 77.1 | 31.9 | 11.6 | 7.0 | 5.9 | 0.0 |
| 10° | 193.6 | 79.2 | 32.6 | 11.8 | 7.0 | 5.9 | 0.0 |
| 7.5° | 198.6 | 80.9 | 33.2 | 11.9 | 7.0 | 5.9 | 0.0 |
| 5° | 202.1 | 82.1 | 33.7 | 11.9 | 7.0 | 6.0 | 0.0 |
| 2.5° | 204.3 | 82.8 | 33.9 | 12.0 | 7.0 | 6.0 | 0.0 |
| 0° | 205.0 | 83.0 | 34.0 | 12.0 | 7.0 | 6.0 | 0.0 |
| -2.5° | 204.3 | 82.8 | 33.9 | 12.0 | 7.0 | 6.0 | 0.0 |
| -5° | 202.1 | 82.1 | 33.7 | 11.9 | 7.0 | 6.0 | 0.0 |
| -7.5° | 198.6 | 80.9 | 33.2 | 11.9 | 7.0 | 5.9 | 0.0 |
| -10° | 193.6 | 79.2 | 32.6 | 11.8 | 7.0 | 5.9 | 0.0 |
| -12.5° | 187.3 | 77.1 | 31.9 | 11.6 | 7.0 | 5.9 | 0.0 |
| -15° | 179.5 | 74.5 | 31.0 | 11.5 | 6.9 | 5.8 | 0.0 |
| -17.5° | 170.4 | 71.5 | 29.9 | 11.3 | 6.9 | 5.7 | 0.0 |
| -20° | 159.9 | 68.0 | 28.6 | 11.1 | 6.9 | 5.6 | 0.0 |



REPORT NUMBER: P1212079 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-LS12-1000R-40-70-4S-HEG

CANDELA DISTRIBUTION (continued):

| | 75° | 77.5° | 80° | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|------|-------|-----|-------|-----|
| -22.5° | 148.1 | 64.1 | 27.2 | 10.9 | 6.8 | 5.5 | 0.0 |
| -25° | 135.0 | 59.7 | 25.7 | 10.6 | 6.8 | 5.4 | 0.0 |
| -27.5° | 120.7 | 54.9 | 24.0 | 10.3 | 6.8 | 5.3 | 0.0 |
| -30° | 105.1 | 49.7 | 22.1 | 10.0 | 6.7 | 5.2 | 0.0 |
| -32.5° | 88.3 | 44.2 | 20.1 | 9.6 | 6.7 | 5.1 | 0.0 |
| -35° | 77.9 | 38.2 | 18.0 | 9.3 | 6.6 | 4.9 | 0.0 |
| -37.5° | 70.2 | 33.0 | 15.7 | 8.9 | 6.6 | 4.8 | 0.0 |
| -40° | 62.1 | 30.0 | 13.3 | 8.5 | 6.5 | 4.6 | 0.0 |
| -42.5° | 53.6 | 26.8 | 11.7 | 8.0 | 6.5 | 4.4 | 0.0 |
| -45° | 44.7 | 23.5 | 11.1 | 7.6 | 6.4 | 4.2 | 0.0 |
| -47.5° | 35.4 | 20.0 | 10.5 | 7.1 | 6.4 | 4.1 | 0.0 |
| -50° | 30.3 | 16.4 | 9.8 | 6.9 | 6.3 | 3.9 | 0.0 |
| -52.5° | 25.8 | 12.6 | 9.1 | 6.8 | 6.2 | 3.7 | 0.0 |
| -55° | 21.1 | 11.3 | 8.4 | 6.7 | 6.1 | 3.4 | 0.0 |
| -57.5° | 16.3 | 10.4 | 7.7 | 6.6 | 6.1 | 3.2 | 0.0 |
| -60° | 11.9 | 9.4 | 7.0 | 6.5 | 6.0 | 3.0 | 0.0 |
| -62.5° | 10.7 | 8.5 | 6.8 | 6.4 | 5.5 | 2.8 | 0.0 |
| -65° | 9.6 | 7.5 | 6.7 | 6.3 | 5.1 | 2.5 | 0.0 |
| -67.5° | 8.4 | 6.9 | 6.5 | 6.1 | 4.6 | 2.3 | 0.0 |
| -70° | 7.2 | 6.7 | 6.4 | 6.0 | 4.1 | 2.1 | 0.0 |
| -72.5° | 6.8 | 6.5 | 6.2 | 5.4 | 3.6 | 1.8 | 0.0 |
| -75° | 6.5 | 6.3 | 6.0 | 4.6 | 3.1 | 1.6 | 0.0 |
| -77.5° | 6.3 | 6.1 | 5.2 | 3.9 | 2.6 | 1.3 | 0.0 |
| -80° | 6.0 | 5.2 | 4.1 | 3.1 | 2.1 | 1.0 | 0.0 |
| -82.5° | 4.6 | 3.9 | 3.1 | 2.3 | 1.6 | 0.8 | 0.0 |
| -85° | 3.1 | 2.6 | 2.1 | 1.6 | 1.0 | 0.5 | 0.0 |
| -87.5° | 1.6 | 1.3 | 1.0 | 0.8 | 0.5 | 0.3 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)